



UMASS DONAHUE INSTITUTE • RESEARCH & EVALUATION GROUP



Massachusetts Statewide STEM Indicators Project (MASSIP)

2009 Report



Background and Development

The Massachusetts Mathematics, Science, Technology & Engineering Grant (Pipeline) Fund was established under the Acts of 2003 Economic Stimulus Trust Fund. The Massachusetts Department of Higher Education (DHE) was directed to administer the Pipeline Fund with a focus on three goals:

- (1) to increase the number of Massachusetts students who participate in programs that support careers in fields related to mathematics, technology, engineering, and science;
- (2) to increase the number of qualified mathematics, technology, engineering, and science teachers in the Commonwealth; and,
- (3) to improve the mathematics, technology, engineering, and science educational offerings available in public and private schools.

The DHE created Regional PreK-16 Networks to plan and implement teacher and student activities which address the Pipeline Fund's goals. In addition, the DHE contracted with the University of Massachusetts Donahue Institute to develop a statewide science, technology, engineering, and mathematics (STEM) indicators system and annual report that would serve to benchmark Massachusetts' progress in key educational and economic areas associated with the Pipeline Fund's goals.

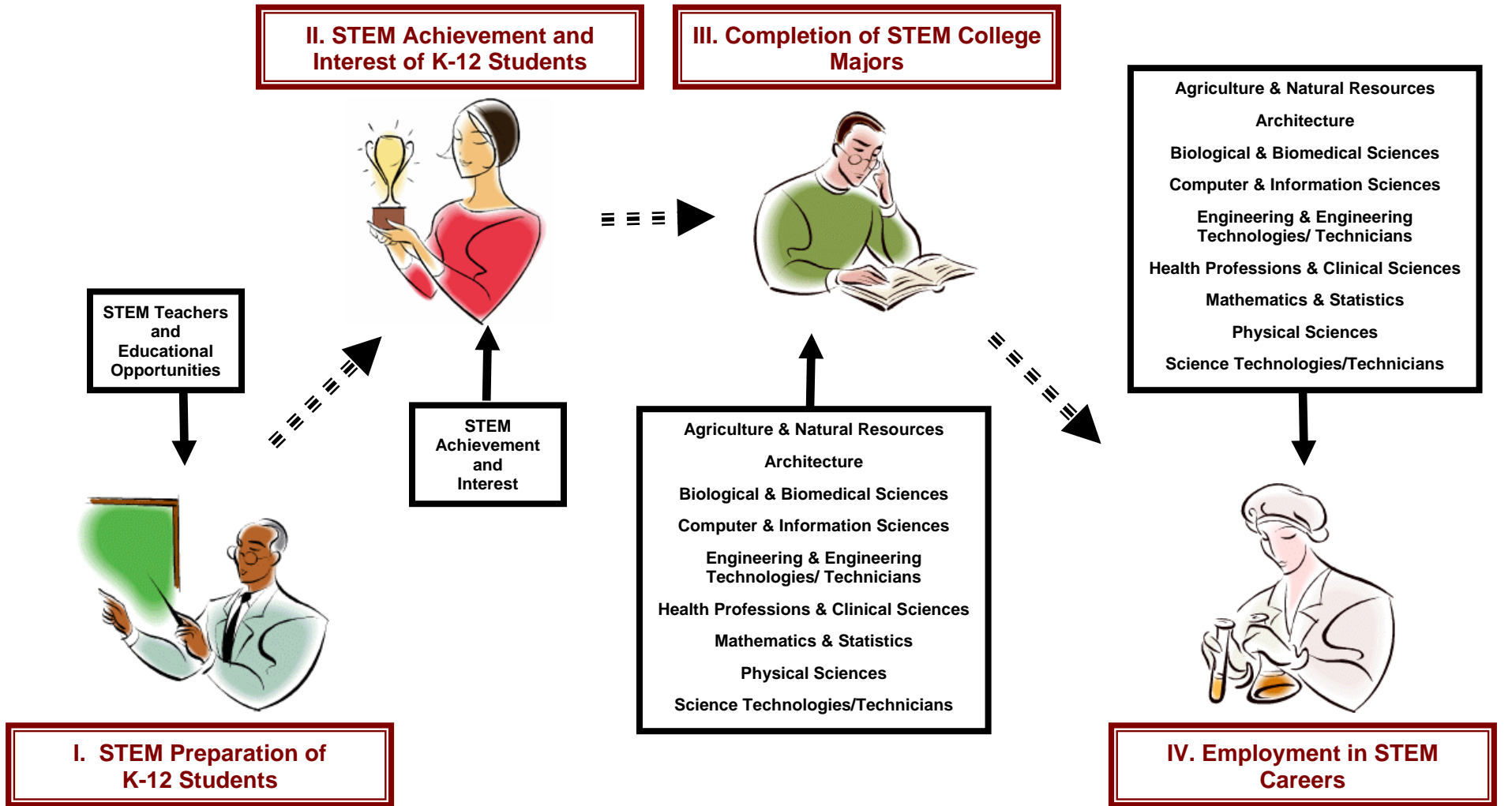
Recognizing the vast number of initiatives in place across Massachusetts to address STEM educational issues, this indicators system is not intended to specifically evaluate the impact of those activities directly supported by the Pipeline Fund. Rather, it serves as a reflection of the overall state of the combined efforts across the Commonwealth to increase the "flow" of students through a STEM educational "pipeline." Annual indicators' reports provide a basis for charting the Commonwealth's progress as a whole in promoting STEM education at all levels. A conceptual model of the STEM Pipeline is presented on the following page.

The purpose of the Massachusetts Statewide STEM Indicators Project (MASSIP) is to annually collect, analyze, and present a set of measurements that reflect a range of educational and economic conditions that are indicative of the state of the Massachusetts STEM Pipeline. Data collected in support of MASSIP are to be publicly available, be free of charge, and meet four criteria:

- A. Be Focused: Each indicator should speak directly to Massachusetts' educational and workforce status in STEM related areas.
- B. Be Meaningful: Data should be useful to a wide variety of audiences and purposes.
- C. Be Accessible: Data should be available at no cost through currently existing secondary sources.
- D. Be Perennial: Data should be consistently available on an annual (or other cyclical) basis.

Please note that MASSIP uses a broad definition of STEM that incorporates all of the following subject/employment areas: (1) Agriculture, Conservation, and Natural Resources, (2) Architecture, (3) Biological and Biomedical Sciences, (4) Computer and Information Sciences, (5) Engineering and Engineering Technologies/Technicians, (6) Health Professions and Clinical Sciences, (7) Mathematics and Statistics, (8) Physical Sciences, and (9) Science Technologies/Technicians. As a result, data from MASSIP may not be comparable to data from other sources that use a different definition of STEM. See Technical Notes for further details about MASSIP and its data.

Science, Technology, Engineering, and Mathematics (STEM) Pipeline Conceptual Model



Indicators

I. STEM Preparation of K-12 Students

A. STEM Teachers

Indicator 1: Number of STEM teachers.

Indicator 2: Number of individuals who pass STEM-subject teacher licensure tests.

B. STEM Educational Opportunities

Indicator 3: Time per week students spend in mathematics instruction.

Indicator 4: Time per week students spend in science instruction.

Indicator 5: Highest mathematics course students take during high school.*

Indicator 6: Science courses students take during high school.

II. STEM Achievement and Interest of K-12 Students

A. STEM General Literacy

Indicator 7: Student achievement on state mathematics exams.

Indicator 8: Student achievement on state science exams.

B. STEM National Attainment

Indicator 9: Students' mathematics scores on the National Assessment of Educational Progress.

Indicator 10: Number of students taking the PSAT and their scores in mathematics.

Indicator 11: Number of students taking the SAT and their scores in mathematics.

Indicator 12: Number of students taking STEM Advanced Placement tests and the percentage who score three or higher.

C. STEM Interest

Indicator 13: Percentage of sophomore PSAT test-takers interested in majoring in a STEM area in college.

Indicator 14: Percentage of junior PSAT test-takers interested in majoring in a STEM area in college.

Indicator 15: Percentage of SAT test-takers interested in majoring in a STEM area in college.

III. STEM College Completions

- Indicator 16: Number of college students who complete degrees in Agriculture and Natural Resources.**
- Indicator 17: Number of college students who complete degrees in Architecture.**
- Indicator 18: Number of college students who complete degrees in Biological and Biomedical Sciences.
- Indicator 19: Number of college students who complete degrees in Computer and Information Sciences.
- Indicator 20: Number of college students who complete degrees in Engineering and Engineering Technologies/Technicians.*
- Indicator 21: Number of college students who complete degrees in Health Professions and Clinical Sciences.
- Indicator 22: Number of college students who complete degrees in Mathematics and Statistics.
- Indicator 23: Number of college students who complete degrees in Physical Sciences.
- Indicator 24: Number of college students who complete degrees in Science Technologies/Technicians.**
- Indicator 25: Number of college students who complete degrees in all STEM majors.**

IV. STEM Employment

- Indicator 26: STEM employment.
- Indicator 27: Job vacancy rates in STEM occupational areas.

Index of Sections, Indicators, Tables, and Charts

*Note: This indicator has been revised from previous reports. Please see General Technical Notes, and the Indicator's section, for an explanation.

**Note: This indicator is new and was not included in previous reports. Please see General Technical Notes, and the Indicator's section, for an explanation.



General Technical Notes

Competitor States

Where comparable data are available, The Massachusetts Statewide STEM Indicators Project (MASSIP) uses the set of states defined by the Massachusetts Technology Collaborative's (MTC) John Adams Innovation Institute as the Commonwealth's primary economic competitors. In MTC's 2008 *Index of the Massachusetts Innovation Economy* (the most recent report at the time data were collected for MASSIP 2009), this group of competitor states consisted of: California, Connecticut, Illinois, Minnesota, New Jersey, New York, North Carolina, Pennsylvania, and Virginia. MASSIP also includes data on the U.S. as a whole as another point of comparison. A copy of the 2008 *Index of the Massachusetts Innovation Economy* (as well as copies of past reports) can be found at: http://www.masstech.org/institute2009/the_index.html. The home page for the MTC is: <http://www.masstech.org/>.

Our use of this set of states for comparison purposes is not meant to imply that these are the only states against which Massachusetts should compare itself with regard to STEM education and economic issues. Indeed, there are many states that are not included here in which promising STEM educational and economic policies, practices, and programs have been developed. Rather, our focus on these particular states is an outcome of the following considerations:

- I. Philosophical: The Pipeline Fund was founded as an economic initiative and MTC's list represents the states with which the Commonwealth competes directly in key economic areas.
- II. Scholarly: MTC's list is determined by a metric-based evaluation that is consistent over time. In addition, states on this list are frequently included in economic and education research conducted by other groups.
- III. Practical: A limited, consistent set of comparison states allows for a more useable and manageable report.

The technical notes for each individual indicator include references and links to data sources, all of which are publically available. Parties who are interested in data for states that are not part of our analysis can download parallel information from these sources, or they may contact staff from the University of Massachusetts Donahue Institute for assistance (see Contact Information below).

STEM Subjects

Traditionally, STEM is defined as the sum of six academic/employment categories: (1) Biological and Biomedical Sciences, (2) Computer and Information Sciences, (3) Engineering, (4) Health Professions and Clinical Sciences, (5) Mathematics and Statistics, and (6) Physical Sciences. MASSIP, however, uses a broader definition of STEM that includes not just these six categories, but also: (7) Agriculture, Conservation, and Natural Resources, (8) Architecture, and (9) Engineering Technologies/Technicians and Science Technologies/Technicians. As a result, data from MASSIP may not be comparable to data from other sources that use a different definition of STEM.

Furthermore, in order to make analysis across MASSIP indicators parallel, some STEM categories in this report represent a combination of categories that appear separately in certain data sources. Data prior to 2007 from the College Board (<http://www.collegeboard.com/>), specifically data for interest in college majors among PSAT and SAT test-takers (<http://professionals.collegeboard.com/data-reports-research>), groups agriculture with natural resources and conservation, and engineering with



engineering technologies/technicians. In order to keep our analysis of SAT and PSAT data consistent over time, and in order to keep data from other sources parallel to the SAT and PSAT data, we have maintained these grouped categories throughout the report.

In sum, the specific STEM academic/employment categories MASSIP uses are:

- I. Agriculture, Conservation, and Natural Resources
- II. Architecture
- III. Biological and Biomedical Sciences
- IV. Computer and Information Sciences
- V. Engineering and Engineering Technologies/Technicians
- VI. Health Professions and Clinical Sciences
- VII. Mathematics and Statistics
- VIII. Physical Sciences
- IX. Science Technologies/Technicians

Notes on Indicators

Changes in how our sources gather, aggregate, or publish data may result in occasional modifications to our set of indicators. If such changes occur, we will make note of it.

In 2008, the College Board changed how it published data on math courses taken by SAT test-takers. Prior to 2008, the “College Bound Seniors” reports tabulated the number of test-takers who took each kind of math course (resulting in a list where each test-taker was represented multiple times: once for every course she reported taking). Beginning in 2008, the College Board modified this tabulation to include only the highest math course each test-taker reported taking (resulting in a list where each test-taker is represented only once). As a result, our Indicator 5 has been changed from “Mathematics courses students take during high school” to “Highest mathematics course students take during high school.” Additional information can be found in the technical notes for Indicator 5.

Earlier MASSIP reports used a traditional definition of STEM fields/majors that included the following: Biological and Biomedical Sciences, Computer and Information Sciences, Engineering, Health Professions and Clinical Sciences, Mathematics and Statistics, and Physical Sciences. The 2009 MASSIP report uses an expanded definition of STEM fields/majors that adds the following: Agriculture, Architecture, Engineering Technologies/Technicians, Conservation and Natural Resources, and Science Technologies/Technicians. The addition of these fields/majors resulted in four new and revised indicators within the College Completions section.

Specific technical notes can be found following the presentation of each individual indicator.

Contact Information

Research and analysis for the Massachusetts Statewide STEM Indicators Project (MASSIP) is conducted by the University of Massachusetts Donahue Institute (<http://www.donahue.umassp.edu/>). Questions and comments may be directed to the Donahue Institute’s Applied Social Science Research and Evaluation Group:

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***Massachusetts Statewide STEM
Indicators Project (MASSIP)***

2009 Report

**Section I:
STEM Preparation
of K-12 Students**



Indicator 1: Number of STEM Teachers

Table I - 1: Number of STEM Teachers and Classes by Schools with Different Grade Levels 2007-2008 School Year (MASSIP 2009 Indicator 1)

	Number of Schools	Number of Students	Number of Teachers (FTE): All Subjects	Number of Teachers (FTE): Math	Number of Teachers (FTE): Science	Number of Classes in Core Academic Areas: All Subjects	Number of Classes in Core Academic Areas: Math	Number of Classes in Core Academic Areas: Science
Schools with High School Grades Only	280	256,097	19,381.8	2,845.8	2,480.0	66,316	13,133	11,423
Schools with High & Middle School Grades	59	32,390	2,431.0	384.5	334.5	8,812	1,671	1,468
Schools with High & Elementary School Grades	15	17,537	1,214.4	181.5	168.0	4,623	909	753
Schools with High, Middle & Elementary School Grades	17	10,300	885.3	87.6	66.9	2,989	353	268
Schools with Middle School Grades Only	315	186,764	14,319.7	2,382.7	1,813.5	54,099	9,659	7,651
Schools with Middle & Elementary School Grades	828	333,921	24,077.0	670.0	436.5	103,484	2,401	1,746
Schools with Elementary School Grades Only	356	125,797	8,209.5	46.8	20.2	35,265	88	115
Total	1,870	962,806	70,518.7	6,598.9	5,319.6	275,588	28,214	23,424

Data Source: Massachusetts Department of Elementary and Secondary Education.

Note: High School grades include 9, 10, 11, and 12. Middle School grades include 5, 6, 7, and 8. Elementary School grades include PK, K, 1, 2, 3, and 4.

**Table I - 2: Percentage of STEM Teachers Licensed in Teaching Assignment and Percentage of STEM Classes Taught by Highly Qualified Teachers 2007-2008
School Year (MASSIP 2009 Indicator 1)**

	Percentage of Teachers Licensed in Teaching Assignment: All Subjects	Percentage of Teachers Licensed in Teaching Assignment: Math	Percentage of Teachers Licensed in Teaching Assignment: Science	Percentage of Core Academic Classes Taught by Teachers Who are Highly Qualified: All Subjects	Percentage of Core Academic Classes Taught by Teachers Who are Highly Qualified: Math	Percentage of Core Academic Classes Taught by Teachers Who are Highly Qualified: Science
Schools with High School Grades Only	94.6%	95.3%	94.0%	94.1%	93.9%	91.1%
Schools with High and Middle School Grades	89.5%	88.4%	87.8%	93.4%	93.0%	92.0%
Schools with High and Elementary School Grades	96.1%	95.0%	93.3%	93.0%	89.4%	87.5%
Schools with High, Middle and Elementary School Grades	79.6%	80.5%	77.2%	88.2%	87.0%	84.3%
Schools with Middle School Grades Only	95.2%	94.6%	95.6%	94.6%	93.5%	93.8%
Schools with Middle and Elementary School Grades	97.3%	94.9%	94.9%	97.0%	94.0%	95.0%
Schools with Elementary School Grades Only	98.7%	99.6%	99.1%	98.3%	96.6%	99.1%
Total	95.8%	94.5%	94.0%	95.7%	93.5%	92.1%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Note: High School grades include 9, 10, 11, and 12. Middle School grades include 5, 6, 7, and 8. Elementary School grades include PK, K, 1, 2, 3, and 4.

Summary

In 2007-2008, 6,599 full-time-equivalent (FTE) math and 5,320 FTE science teachers served the Commonwealth's 962,806 students. Most of these teachers (43.1% for math and 46.6% for science) were employed at high schools that included only grades 9 through 12. Another 9.9% of math and 10.7% of science teachers were employed at schools that included high school as well as middle and/or elementary school grades.

Most STEM teachers (more than 90% for most schools) were licensed in their teaching assignment and most core academic STEM classes (again, more than 90% for most schools) were taught by highly qualified teachers. At schools that only included grades 9 through 12, the percentage of math teachers who were licensed in their teaching assignment was higher than the percentage of science teachers, and the percentage of core academic math classes that were taught by a highly qualified teacher was higher than the percentage of core academic science classes.

2007-2008 represents the baseline year for presenting information from the Massachusetts Department of Elementary and Secondary Education's (ESE) new teacher data collection system. As this system develops further we hope to expand our analysis of STEM teachers.

Technical Notes

Massachusetts data for Indicator 1 were taken from the "Teacher Data Report" section of ESE's School/District Profiles Directory: http://profiles.doe.mass.edu/state_report/teacherdata.aspx. ESE collects information on teachers and other school/district staff through its Education Personnel Information Management System (EPIMS). Information on this system can be found at: <http://www.doe.mass.edu/infoservices/data/epims/>. ESE's definition of a "highly qualified" teacher can be found at: http://www.doe.mass.edu/nclb/hq/hq_faq.html?section=all.

At the time this report was written, data were only available for the 2007-2008 school year. Beginning in 2007-2008, ESE changed the way in which it collected teacher data. As a result, teacher data that were presented in earlier MASSIP reports are not comparable to data presented in this report (or to data that will be presented in future MASSIP reports).

The total number of teachers calculated in Indicator 1 only includes teachers whose primary teaching assignment is at a public school. The state also collects data on teachers who serve through collaborative, youth detention, and alternative programs. Teachers in these programs number approximately 198 (with about 13 math and 6 science teachers). Because these teachers could not be matched with a school or grade level, they are not included in this analysis.

Data for Indicator 1 are only reported for Massachusetts as teacher data (whether regarding licensure, teaching assignments, definitions of qualified, or many other issues) are not usually comparable across states. Parties interested in investigating teacher data for MASSIP comparison states may wish to visit the websites for each state's department for K-12 education:

California <http://www.cde.ca.gov/index.asp>

Connecticut <http://www.sde.ct.gov/sde/site/default.asp>

Illinois <http://www.isbe.state.il.us/>

Minnesota <http://education.state.mn.us/mde/index.html>

New Jersey <http://www.state.nj.us/education/>



New York	http://www.nysed.gov/
North Carolina	http://www.dpi.state.nc.us/
Pennsylvania	http://www.pde.state.pa.us/
Virginia	http://www.doe.virginia.gov/

Some national data about teachers is also gathered by the National Center for Education Statistics (<http://nces.ed.gov/>) through its Common Core of Data (<http://nces.ed.gov/ccd/>) and Schools and Staffing Survey (<http://nces.ed.gov/surveys/sass/>). Data from these programs are reported in the annual Digest of Education Statistics (<http://nces.ed.gov/programs/digest/>). However, at the time this report was written, none of these data sources reported specifically on STEM teachers.



Indicator 2: Number of individuals who pass STEM-subject teacher licensure tests

Table I - 3: Number of First-Time Test-Takers Taking and Passing the Mathematics Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	860	832	757	667	589
# Passing	551	546	488	476	396
% Passing	64.1%	65.6%	64.5%	71.3%	67.2%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 4: Number of Re-Test Test-Takers Taking and Passing the Mathematics Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	373	306	369	321	265
# Passing	144	116	160	123	104
% Passing	38.6%	37.9%	43.4%	38.3%	39.3%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 5: Number of First-Time Test-Takers Taking and Passing the General Science Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	316	379	299	332	328
# Passing	266	314	240	264	258
% Passing	84.2%	82.9%	80.2%	79.5%	78.7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 6: Number of Re-Test Test-Takers Taking and Passing the General Science Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	66	66	82	107	76
# Passing	30	27	24	50	33
% Passing	45.5%	40.9%	29.3%	46.7%	43.4%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 7: Number of First-Time Test-Takers Taking and Passing the Biology Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	360	404	395	382	394
# Passing	210	225	219	196	243
% Passing	58.3%	55.7%	55.5%	51.3%	61.7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 8: Number of Re-Test Test-Takers Taking and Passing the Biology Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	189	186	209	229	248
# Passing	71	64	75	75	79
% Passing	37.6%	34.4%	35.9%	32.8%	31.9%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 9: Number of First-Time Test-Takers Taking and Passing the Chemistry Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	167	154	142	135	156
# Passing	100	82	72	76	90
% Passing	59.9%	53.2%	50.7%	56.3%	57.7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 10: Number of Re-Test Test-Takers Taking and Passing the Chemistry Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	71	81	86	89	96
# Passing	25	27	38	29	34
% Passing	35.2%	33.3%	44.2%	32.5%	35.4%

Data Source: Massachusetts Department of Elementary and Secondary Education.



Table I - 11: Number of First-Time Test-Takers Taking and Passing the Earth Science Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	116	110	95	91	88
# Passing	37	31	39	35	32
% Passing	31.9%	28.2%	41.1%	38.5%	36.4%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 12: Number of Re-Test Test-Takers Taking and Passing the Earth Science Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	76	91	87	62	51
# Passing	20	24	19	17	8
% Passing	26.3%	26.4%	21.8%	27.4%	15.7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 13: Number of First-Time Test-Takers Taking and Passing the Physics Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	124	121	138	130	136
# Passing	71	60	66	48	63
% Passing	57.3%	49.6%	47.8%	36.9%	46.3%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Table I - 14: Number of Re-Test Test-Takers Taking and Passing the Physics Massachusetts Test for Educator Licensure 2004-2008 (MASSIP 2009 Indicator 2)

	2004	2005	2006	2007	2008
# Taking	50	65	71	117	99
# Passing	20	18	22	42	29
% Passing	40.0%	27.7%	31.0%	35.9%	29.3%

Data Source: Massachusetts Department of Elementary and Secondary Education.

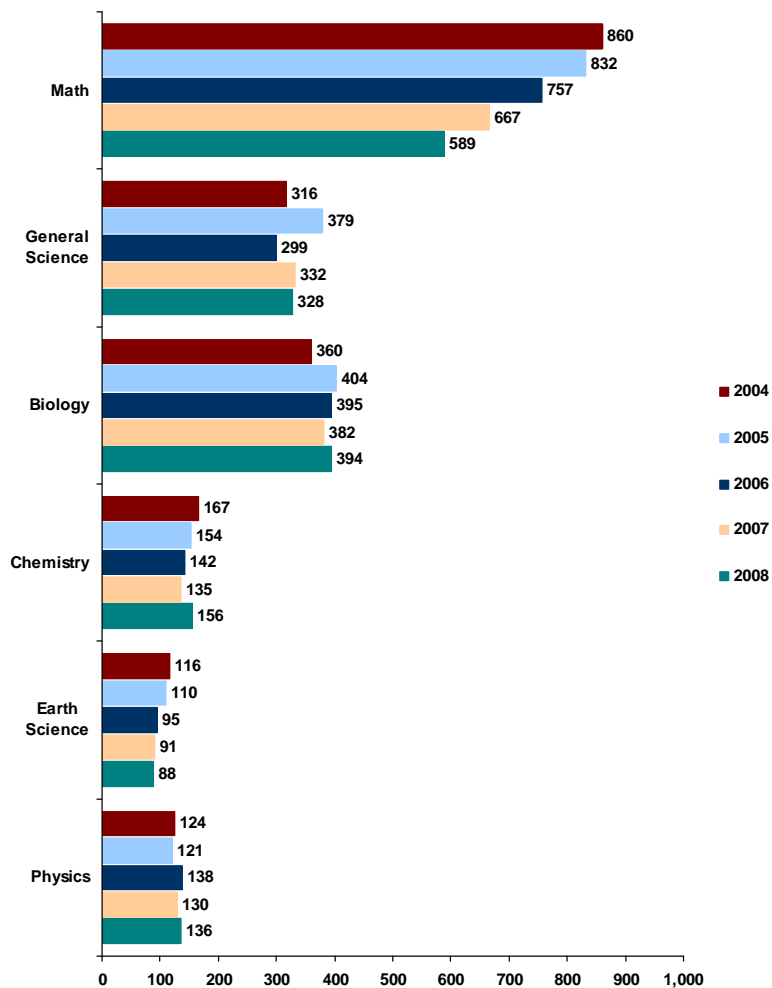
Table I - 15: Percentage Change from 2004 to 2008 in Number of Test-Takers and Number of Test-Passers by Type of Test-Taker and Test Subject (MASSIP 2009 Indicator 2)

Test Subject	Change in Number of 1st Time Test-Takers	Change in Number of 1st Time Test-Takers Passing	Change in Number of Re-Test Test-Takers	Change in Number of Re-Test Test-Takers Passing
Mathematics	-31.5%	-28.1%	-29.0%	-27.7%
General Science	3.8%	-3.0%	15.2%	10.0%
Biology	9.4%	15.7%	31.2%	11.3%
Chemistry	-6.6%	-10.0%	35.2%	36.0%
Earth Science	-24.1%	-13.5%	-32.9%	-60.0%
Physics	9.7%	-11.3%	98.0%	45.0%

Data Source: Massachusetts Department of Elementary and Secondary Education.

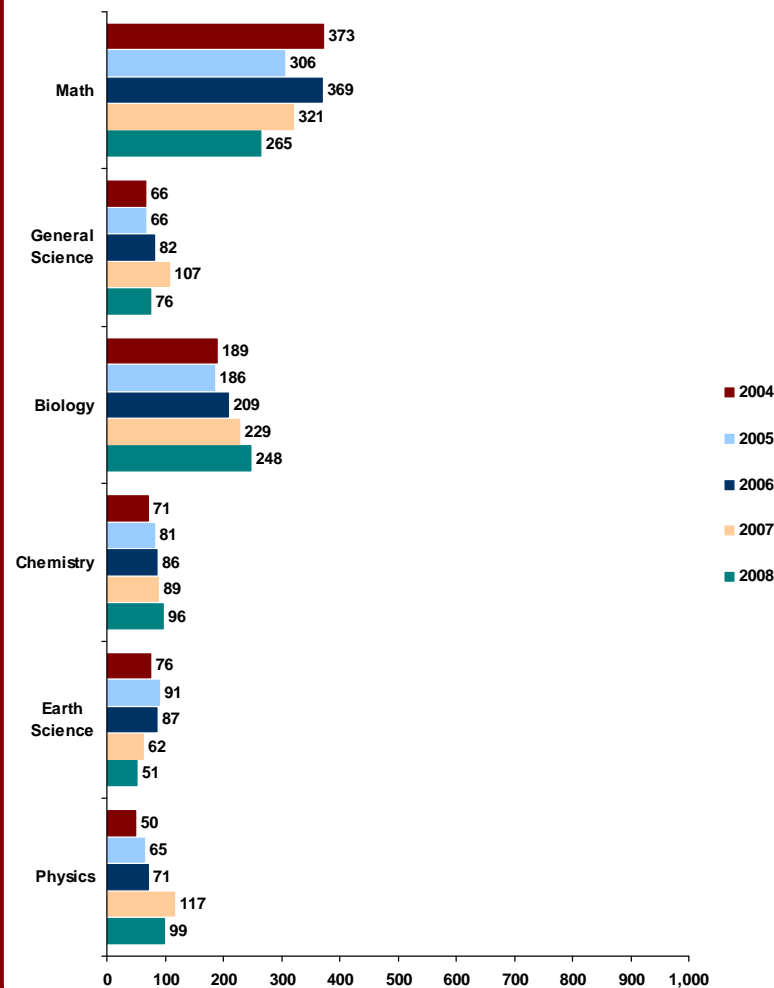
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Chart I - 1: Number of First Time Test-Takers for STEM Subject Massachusetts Tests for Educator Licensure from 2004 to 2008 (MASSIP 2009 Indicator 2)



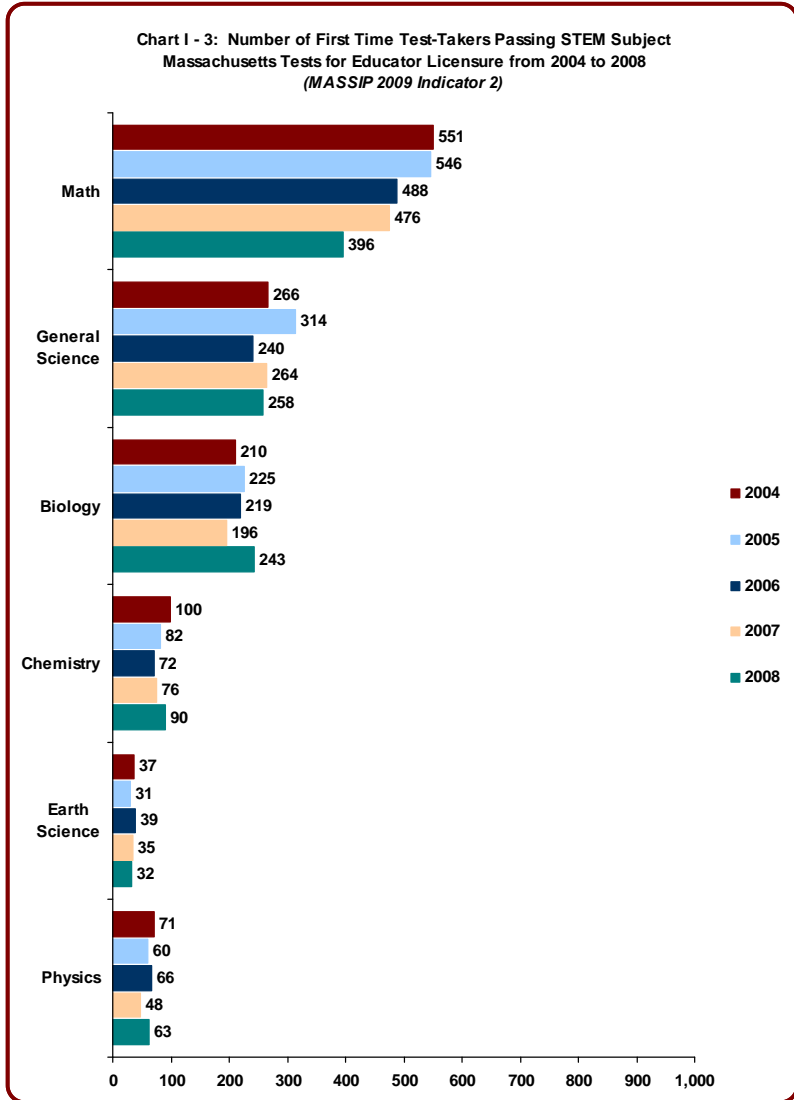
Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart I - 2: Number of Re-Test Test-Takers for STEM Subject Massachusetts Tests for Educator Licensure from 2004 to 2008 (MASSIP 2009 Indicator 2)

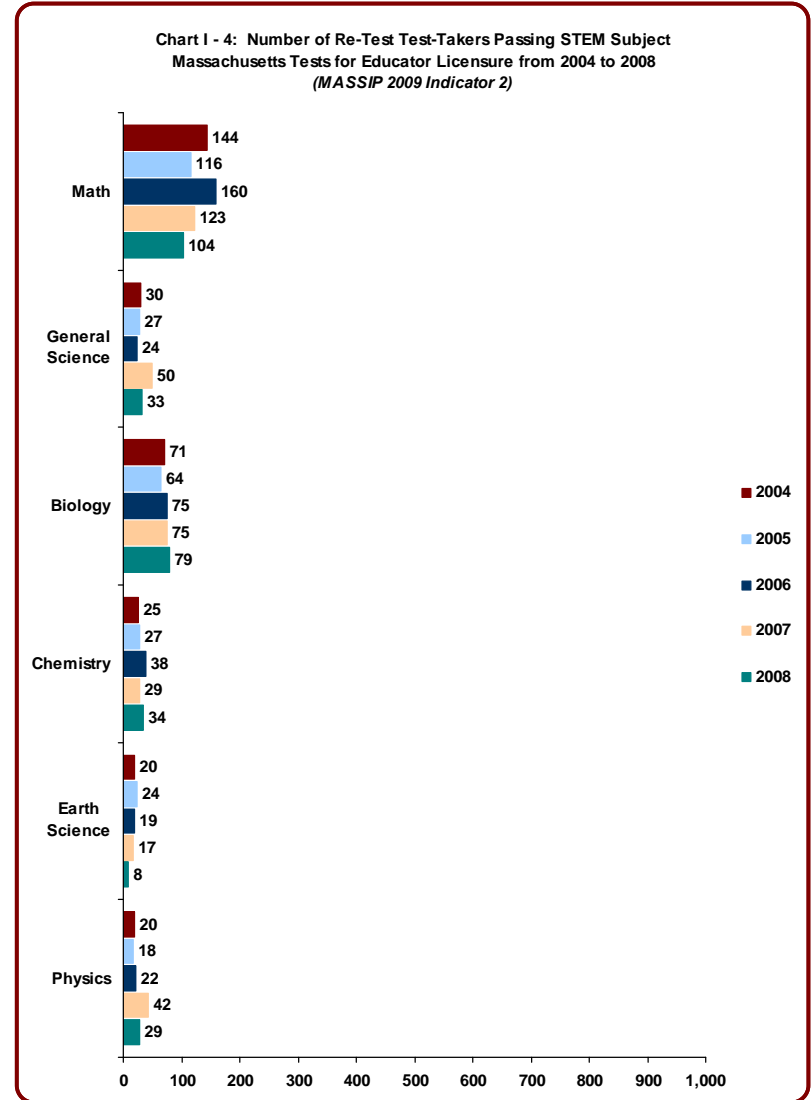


Data Source: Massachusetts Department of Elementary and Secondary Education.

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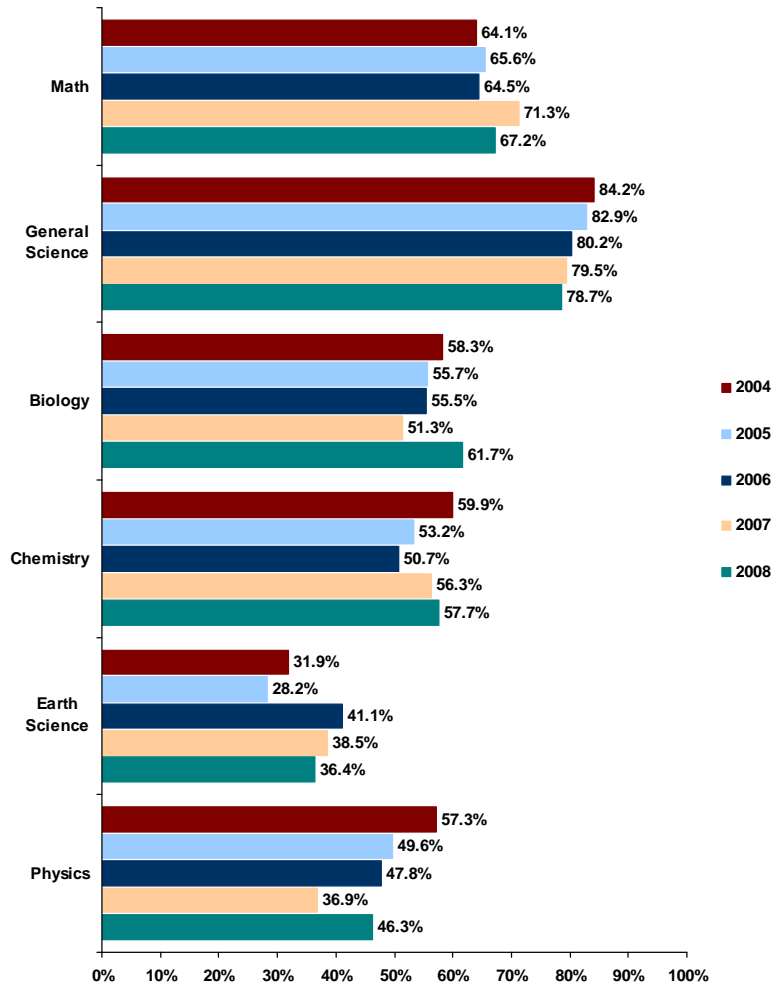
Data Source: Massachusetts Department of Elementary and Secondary Education.



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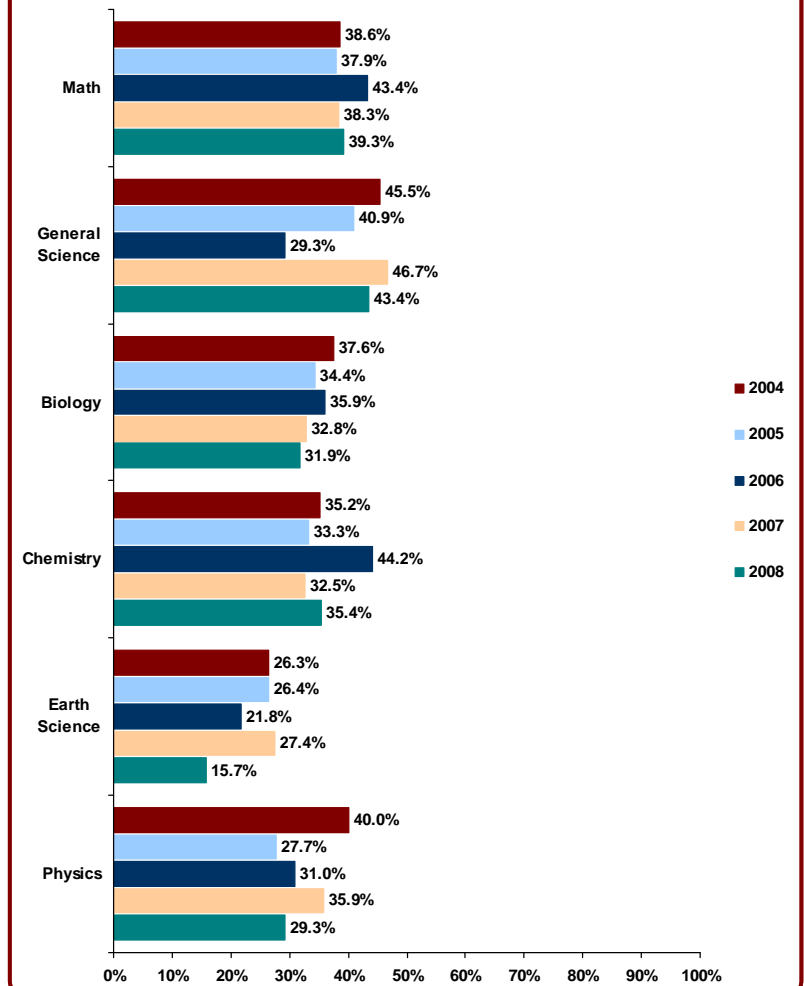
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Chart I - 5: Percentage of First Time Test-Takers Passing STEM Subject Massachusetts Tests for Educator Licensure from 2004 to 2008 (MASSIP 2009 Indicator 2)



Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart I - 6: Percentage of Re-Test Test-Takers Passing STEM Subject Massachusetts Tests for Educator Licensure from 2004 to 2008 (MASSIP 2009 Indicator 2)



Data Source: Massachusetts Department of Elementary and Secondary Education.

Summary

From 2004 through 2008, a total of 3,705 individuals took the mathematics MTEL test and 2,457 individuals (66%) passed the test. In general science, 1,654 individuals took the test and 1,342 (81%) passed. In biology, 1,935 individuals took the test and 1,093 (57%) passed. In chemistry, 754 individuals took the test and 420 (56%) passed. In earth science, 500 individuals took the test and 174 (35%) passed. Lastly, 649 individuals took the physics test and 308 (48%) passed. First time test-takers had higher passing rates than re-test test-takers on all STEM MTEL tests. General science had the highest passing rate among first time test-takers and the highest passing rate among re-test test-takers. Earth science had the lowest passing rate among first time test-takers and the lowest passing rate among re-test test-takers.

Charts 1 (first time test-takers) and 2 (re-test test-takers) are graphic depictions of the number of people who have taken STEM subject MTEL tests from 2004 to 2008. While the number of first time and re-test test-takers has varied over time for most subjects, two primary trends can be found: (1) the number of first time test-takers of the math test has decreased from 860 in 2004 to 589 in 2008 (a decrease of 32%), and (2) the number of re-test test-takers of the biology test has increased from 189 in 2004 to 248 in 2008 (an increase of 31%). Two secondary trends are (i) the number of first time test-takers of the earth science test has decreased from 116 in 2004 to 88 in 2008 (a decrease of 24%), and (ii) the number of re-test test-takers of the chemistry test has increased from 71 in 2004 to 96 in 2008 (an increase of 35%).

Charts 3 (first time test-takers) and 4 (re-test test-takers) are graphic depictions of the number of people who have passed STEM subject MTEL tests from 2004 to 2008. As with the number of test-takers, the number of people passing has varied over time for most subjects. The primary trend among people passing STEM subject MTEL tests is that the number of first time test-takers passing the math test has decreased from 551 in 2004 to 396 in 2008 (a decrease of 28%).

Charts 5 (first time test-takers) and 6 (re-test test-takers) are graphic depictions of the percentage of people who have passed STEM subject MTEL tests from 2004 to 2008. Similar to the number of test-takers and passers, the percentage of individuals passing tests varied up and down for most subjects for both first time and re-test test-takers.

Technical Notes

Massachusetts data for Indicator 2 were taken from the “Summary of Test Results” section (<http://www.doe.mass.edu/mtel/results.html>) of ESE’s webpage for the MTEL: <http://www.doe.mass.edu/mtel/>.

According to ESE, the purpose of the MTEL is “to help identify candidates for licensure who have demonstrated the knowledge required for entry-level educators in Massachusetts public schools.” Passing the MTEL is required to teach in Massachusetts public schools. Private schools in Massachusetts may or may not require passage of the MTEL. All licensure candidates must pass two components of the MTEL: the Communication Skills and Literacy test, and a test of the subject in which they intend to teach.

The MTEL tests were initiated in 1998 and are offered several times during each year. The data presented in tables and charts for MASSIP 2009 Indicator 2 are totals of all the tests within a calendar year for the years 2004 through 2008. It should be noted that it is possible for a single individual to be counted more than once in the data presented here; in particular, an individual who did not pass a subject test on the first try would appear both as a first time test-taker and a re-test test-taker.

Data for Indicator 2 are only reported for Massachusetts as licensure tests (and other licensure requirements) and are not usually comparable across states. Parties interested in investigating teacher



licensure for MASSIP comparison states may wish to visit the websites for each state's department for K-12 education:

California	http://www.cde.ca.gov/index.asp
Connecticut	http://www.sde.ct.gov/sde/site/default.asp
Illinois	http://www.isbe.state.il.us/
Minnesota	http://education.state.mn.us/mde/index.html
New Jersey	http://www.state.nj.us/education/
New York	http://www.nysed.gov/
North Carolina	http://www.dpi.state.nc.us/
Pennsylvania	http://www.pde.state.pa.us/
Virginia	http://www.doe.virginia.gov/

Some national data about teachers is also gathered by the National Center for Education Statistics (<http://nces.ed.gov/>) through its Common Core of Data (<http://nces.ed.gov/ccd/>) and Schools and Staffing Survey (<http://nces.ed.gov/surveys/sass/>). Data from these programs are reported in the annual Digest of Education Statistics (<http://nces.ed.gov/programs/digest/>). However, at the time this report was written, none of these data sources reported specifically on STEM teachers.

Indicator 3: Time per week students spend in mathematics instruction

Table I - 16: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - All Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	11%	17%	14%	14%	31%	19%	22%	22%	14%	15%	23%
	2007	8%	12%	9%	9%	20%	14%	10%	13%	10%	13%	15%
Percentage Point Change		-3	-5	-5	-5	-11	-5	-12	-9	-4	-2	-8
Percentage Spending 5 Hours or More Per Week	2005	89%	83%	86%	86%	69%	81%	78%	77%	86%	85%	78%
	2007	91%	89%	91%	91%	80%	85%	89%	87%	90%	87%	86%
Percentage Point Change		2	6	5	5	11	4	11	10	4	2	8

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 17: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - All Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	75%	69%	71%	88%	77%	80%	73%	70%	26%	76%	67%
	2007	64%	64%	68%	91%	75%	81%	56%	63%	28%	68%	69%
Percentage Point Change		-11	-5	-3	3	-2	1	-17	-7	2	-8	2
Percentage Spending 5 Hours or More Per Week	2005	26%	31%	29%	12%	22%	19%	27%	30%	74%	25%	33%
	2007	36%	36%	32%	9%	25%	19%	44%	36%	72%	32%	31%
Percentage Point Change		10	5	3	-3	3	0	17	6	-2	7	-2

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 18: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Female Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	11%	17%	13%	13%	31%	19%	21%	21%	13%	15%	21%
	2007	8%	12%	10%	9%	19%	14%	11%	13%	9%	12%	16%
Percentage Point Change		-3	-5	-3	-4	-12	-5	-10	-8	-4	-3	-5
Percentage Spending 5 Hours or More Per Week	2005	89%	83%	87%	87%	69%	82%	79%	78%	88%	85%	79%
	2007	92%	88%	90%	92%	81%	86%	89%	88%	91%	88%	84%
Percentage Point Change		3	5	3	5	12	4	10	10	3	3	5

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 19: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Female Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	77%	69%	71%	89%	78%	80%	72%	71%	26%	75%	67%
	2007	63%	64%	68%	91%	76%	82%	55%	63%	29%	68%	70%
Percentage Point Change		-14	-5	-3	2	-2	2	-17	-8	3	-7	3
Percentage Spending 5 Hours or More Per Week	2005	24%	31%	29%	11%	21%	20%	28%	29%	75%	25%	33%
	2007	37%	36%	32%	9%	24%	18%	45%	36%	70%	32%	30%
Percentage Point Change		13	5	3	-2	3	-2	17	7	-5	7	-3

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 20: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Male Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	10%	18%	14%	14%	31%	19%	23%	24%	16%	15%	24%
	2007	9%	12%	9%	10%	20%	15%	11%	13%	11%	14%	14%
Percentage Point Change		-1	-6	-5	-4	-11	-4	-12	-11	-5	-1	-10
Percentage Spending 5 Hours or More Per Week	2005	90%	83%	86%	86%	69%	82%	77%	76%	84%	85%	76%
	2007	91%	88%	90%	91%	80%	84%	89%	87%	89%	86%	86%
Percentage Point Change		1	5	4	5	11	2	12	11	5	1	10

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 21: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Male Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	71%	68%	70%	87%	76%	81%	74%	66%	26%	76%	67%
	2007	65%	64%	68%	90%	75%	81%	57%	63%	27%	68%	68%
Percentage Point Change		-6	-4	-2	3	-1	0	-17	-3	1	-8	1
Percentage Spending 5 Hours or More Per Week	2005	28%	31%	29%	13%	24%	19%	27%	30%	73%	24%	33%
	2007	35%	36%	32%	10%	25%	20%	43%	37%	73%	32%	33%
Percentage Point Change		7	5	3	-3	1	1	16	7	0	8	0

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 22: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Asian Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	8%	16%	16%	15%	19%	14%	34%	15%	15%	7%	30%
	2007	13%	11%	9%	12%	16%	11%	12%	7%	17%	12%	17%
Percentage Point Change		5	-5	-7	-3	-3	-3	-22	-8	2	5	-13
Percentage Spending 5 Hours or More Per Week	2005	91%	83%	84%	85%	81%	87%	67%	85%	85%	94%	70%
	2007	87%	90%	90%	87%	84%	89%	88%	93%	82%	88%	82%
Percentage Point Change		-4	7	6	2	3	2	21	8	-3	-6	12

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 23: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Asian Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	70%	73%	74%	89%	82%	76%	86%	49%	24%	N/A	84%
	2007	57%	68%	72%	94%	82%	83%	73%	40%	22%	67%	77%
Percentage Point Change		-13	-5	-2	5	0	7	-13	-9	-2	N/A	-7
Percentage Spending 5 Hours or More Per Week	2005	30%	27%	26%	11%	18%	25%	14%	51%	76%	N/A	16%
	2007	43%	32%	28%	6%	18%	17%	28%	60%	78%	34%	23%
Percentage Point Change		13	5	2	-5	0	-8	14	9	2	N/A	7

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 24: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Black Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	4%	13%	14%	9%	26%	13%	12%	15%	17%	8%	15%
	2007	6%	10%	9%	5%	14%	10%	4%	6%	12%	8%	14%
Percentage Point Change		2	-3	-5	-4	-12	-3	-8	-9	-5	0	-1
Percentage Spending 5 Hours or More Per Week	2005	96%	87%	86%	90%	74%	87%	87%	85%	83%	92%	85%
	2007	94%	91%	91%	95%	86%	90%	96%	94%	88%	92%	85%
Percentage Point Change		-2	4	5	5	12	3	9	9	5	0	0

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 25: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Black Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	58%	53%	67%	77%	63%	68%	70%	49%	31%	48%	58%
	2007	46%	47%	65%	85%	49%	76%	33%	36%	27%	29%	59%
Percentage Point Change		-12	-6	-2	8	-14	8	-37	-13	-4	-19	1
Percentage Spending 5 Hours or More Per Week	2005	42%	46%	32%	23%	37%	32%	30%	51%	69%	53%	42%
	2007	54%	53%	36%	15%	51%	24%	67%	63%	73%	71%	41%
Percentage Point Change		12	7	4	-8	14	-8	37	12	4	18	-1

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 26: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Hispanic Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	2%	13%	12%	11%	26%	17%	12%	12%	15%	8%	31%
	2007	4%	10%	9%	10%	18%	12%	6%	9%	13%	6%	11%
Percentage Point Change		2	-3	-3	-1	-8	-5	-6	-3	-2	-2	-20
Percentage Spending 5 Hours or More Per Week	2005	97%	87%	88%	90%	74%	83%	88%	88%	84%	92%	69%
	2007	96%	91%	90%	90%	82%	88%	94%	91%	87%	95%	88%
Percentage Point Change		-1	4	2	0	8	5	6	3	3	3	19

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 27: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Hispanic Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	45%	64%	69%	88%	67%	91%	50%	37%	31%	68%	71%
	2007	37%	59%	62%	88%	70%	82%	38%	31%	26%	49%	74%
Percentage Point Change		-8	-5	-7	0	3	-9	-12	-6	-5	-19	3
Percentage Spending 5 Hours or More Per Week	2005	55%	36%	34%	13%	36%	9%	50%	63%	68%	32%	29%
	2007	63%	41%	37%	12%	30%	18%	62%	69%	73%	51%	25%
Percentage Point Change		8	5	3	-1	-6	9	12	6	5	19	-4

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 28: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - White Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	13%	20%	14%	15%	36%	20%	26%	30%	14%	18%	24%
	2007	9%	14%	11%	10%	23%	15%	14%	17%	9%	14%	14%
Percentage Point Change		-4	-6	-3	-5	-13	-5	-12	-13	-5	-4	-10
Percentage Spending 5 Hours or More Per Week	2005	87%	80%	86%	85%	64%	80%	74%	70%	87%	82%	76%
	2007	91%	87%	89%	90%	77%	84%	86%	83%	92%	86%	85%
Percentage Point Change		4	7	3	5	13	4	12	13	5	4	9

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 29: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - White Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	80%	74%	73%	90%	84%	81%	78%	88%	23%	82%	69%
	2007	70%	71%	74%	92%	83%	82%	66%	84%	30%	76%	71%
Percentage Point Change		-10	-3	1	2	-1	1	-12	-4	7	-6	2
Percentage Spending 5 Hours or More Per Week	2005	20%	26%	27%	9%	16%	19%	20%	11%	77%	18%	31%
	2007	30%	29%	26%	8%	17%	18%	33%	16%	69%	24%	28%
Percentage Point Change		10	3	-1	-1	1	-1	13	5	-8	6	-3

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 30: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	6%	15%	12%	10%	28%	16%	12%	16%	14%	12%	23%
	2007	5%	11%	8%	9%	18%	15%	5%	10%	11%	11%	17%
Percentage Point Change		-1	-4	-4	-1	-10	-1	-7	-6	-3	-1	-6
Percentage Spending 5 Hours or More Per Week	2005	94%	85%	87%	90%	72%	85%	88%	84%	86%	89%	77%
	2007	96%	89%	92%	91%	82%	84%	94%	90%	89%	88%	83%
Percentage Point Change		2	4	5	1	10	-1	6	6	3	-1	6

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 31: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	61%	64%	69%	81%	66%	79%	55%	47%	28%	62%	59%
	2007	48%	56%	61%	87%	62%	80%	37%	42%	25%	53%	63%
Percentage Point Change		-13	-8	-8	6	-4	1	-18	-5	-3	-9	4
Percentage Spending 5 Hours or More Per Week	2005	40%	39%	31%	18%	34%	21%	46%	54%	71%	39%	40%
	2007	53%	43%	39%	13%	38%	19%	63%	57%	75%	47%	37%
Percentage Point Change		13	4	8	-5	4	-2	17	3	4	8	-3

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.



Table I - 32: Time Per Week Spent in Math Instruction for 4th Grade Students in 2005 and 2007 - Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	12%	19%	14%	15%	34%	20%	25%	29%	14%	18%	23%
	2007	10%	13%	11%	9%	20%	14%	12%	15%	9%	14%	14%
Percentage Point Change		-2	-6	-3	-6	-14	-6	-13	-14	-5	-4	-9
Percentage Spending 5 Hours or More Per Week	2005	87%	82%	86%	85%	66%	80%	74%	71%	87%	82%	77%
	2007	90%	87%	88%	91%	79%	86%	88%	85%	92%	87%	86%
Percentage Point Change		3	5	2	6	13	6	14	14	5	5	9

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 33: Time Per Week Spent in Math Instruction for 8th Grade Students in 2005 and 2007 - Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 3)

		MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 5 Hours Per Week	2005	80%	73%	73%	91%	85%	80%	78%	88%	24%	81%	70%
	2007	70%	70%	73%	92%	83%	81%	64%	82%	31%	74%	71%
Percentage Point Change		-10	-3	0	1	-2	1	-14	-6	7	-7	1
Percentage Spending 5 Hours or More Per Week	2005	20%	28%	28%	9%	16%	19%	22%	12%	73%	18%	30%
	2007	30%	30%	27%	8%	17%	19%	36%	18%	69%	25%	29%
Percentage Point Change		10	2	-1	-1	1	0	14	6	-4	7	-1

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Summary

In 2007, approximately 91% of all Massachusetts 4th grade public school students spent at least five hours per week in mathematics instruction. This was slightly higher than the 89% from 2005. In 2007, approximately the same percentage of female (92%) and male (91%) students spent at least five hours per week in mathematics instruction. A higher percentage of Hispanic (97%) and Black (94%) students spent at least five hours in mathematics instruction per week than White (91%) or Asian (87%) students. In addition, a higher percentage of National School Lunch Program (NSLP) eligible (96%) students spent at least five hours in mathematics instruction per week than non-NSLP eligible (90%) students.

In 2007, Massachusetts was tied with California and Connecticut for the highest percentage of 4th grade public school students who spent at least five hours per week in mathematics instruction (91%). Massachusetts and Connecticut had the highest percentage of female (92%) and male (91%) students spending at least 5 hours in math instruction. Massachusetts had the sixth highest percentage of Asian students (87%—New York had the highest at 93%), was tied for third highest percentage of Black students (94%—New Jersey had the highest at 96%), had the highest percentage of Hispanic students (96%), and had the second highest percentage of White students spending at least five hours in mathematics instruction (91%—North Carolina had the highest at 92%). Massachusetts had the highest percentage of students eligible for the NSLP who spent at least five hours in mathematics instruction per week (96%) and the third highest percentage of students not eligible for the NSLP who spent at least five hours in mathematics instruction per week (90%—North Carolina had the highest at 92%).

In 2007, approximately 36% of all Massachusetts 8th grade public school students spent at least five hours per week in mathematics instruction. This was higher than the 26% from 2005. A higher percentage of female (37%) students spent at least five hours per week in mathematics instruction than male (35%) students. A higher percentage of Hispanic (63%) and Black (54%) students spent at least five hours in mathematics instruction per week than Asian (43%) or White (30%) students. In addition, a higher percentage of NSLP eligible (53%) students spent at least five hours in mathematics instruction per week than non-NSLP eligible (30%) students.

In 2007, Massachusetts was tied for the second highest percentage of 8th grade public school students who spent at least five hours per week in mathematics instruction (36%—North Carolina had the highest at 72%). Massachusetts had the second highest percentage of female students (37%—North Carolina had the highest at 70%) and fourth highest percentage of male students (35%—North Carolina had the highest at 73%) spending at least five hours in math instructions. Massachusetts had the third highest percentage of Asian students (43%—North Carolina had the highest at 78%), the fifth highest percentage of Black students (54%—North Carolina had the highest at 73%), the third highest percentage of Hispanic students (63%—North Carolina had the highest at 73%), and the third highest percentage of White students spending at least five hours in mathematics instruction (30%—North Carolina had the highest at 69%). Massachusetts had the fourth highest percentage of students eligible for the NSLP who spent at least five hours in mathematics instruction per week (53%—North Carolina had the highest at 75%) and the third highest percentage of students not eligible for the NSLP who spent at least five hours in mathematics instruction per week (30%—North Carolina has the highest at 69%).

Technical Notes

The National Assessment of Educational Progress (NAEP) tests, and their surveys about student and teacher educational issues, are administered by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) every two years in reading and mathematics, and every four years in science, to 4th, 8th, and 12th grade students. However, only data for 4th and 8th grade students is available at the state level. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for NAEP is: <http://nces.ed.gov/nationsreportcard/>. NAEP administered another round of



reading, mathematics, and science tests/surveys in January, February, and March 2009, the results of which will be available in spring 2010.

The NAEP tests and surveys do not involve all schools in Massachusetts (or in other states) but are generally held to involve a representative sample of public schools in the state. The number of students who participate in the tests each year, and of their teachers who participate in the surveys, is kept confidential by the NCES. National NAEP data also includes a representative sample of private schools which is not available at the state level.



Indicator 4: Time per week students spend in science instruction

Table I - 34: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - All Students (MASSIP 2009 Indicator 4)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	31%	25%	47%	27%	9%	42%	15%	22%	31%	21%	7%
Percentage Spending 2 to 2.9 Hours Per Week	39%	33%	34%	46%	30%	36%	34%	39%	42%	38%	29%
Percentage Spending 3 to 3.9 Hours Per Week	23%	27%	15%	20%	42%	16%	34%	30%	21%	30%	38%
Percentage Spending 4 Hours or More Per Week	7%	15%	5%	7%	19%	6%	17%	9%	7%	11%	27%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 35: Time Per Week Spent in Science Instruction for 8th Grade Students in 2005 - All Students (MASSIP 2009 Indicator 4)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 3 Hours Per Week	2%	5%	4%	2%	7%	1%	7%	n/a	6%	n/a	6%
Percentage Spending 3 to 4.9 Hours Per Week	63%	57%	61%	72%	66%	65%	63%	n/a	34%	n/a	59%
Percentage Spending 5 to 6.9 Hours Per Week	23%	23%	23%	14%	12%	22%	21%	n/a	31%	n/a	20%
Percentage Spending 7 Hours or More Per Week	11%	14%	13%	11%	15%	12%	9%	n/a	28%	n/a	16%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Note: Data for 8th grade students broken out by gender, race/ethnicity, or income was not available at the state level. As a result, the remaining tables for Indicator 4 will only cover 4th grade.

Table I - 36: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Female Students (MASSIP 2009 Indicator 4)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	31%	25%	47%	27%	10%	42%	15%	22%	30%	23%	7%
Percentage Spending 2 to 2.9 Hours Per Week	37%	33%	34%	45%	30%	35%	34%	39%	43%	37%	27%
Percentage Spending 3 to 3.9 Hours Per Week	25%	27%	14%	21%	42%	16%	34%	30%	21%	31%	39%
Percentage Spending 4 Hours or More Per Week	7%	15%	5%	7%	19%	6%	18%	9%	7%	10%	28%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 37: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Male Students (MASSIP 2009 Indicator 4)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	30%	25%	47%	26%	9%	40%	16%	23%	30%	20%	7%
Percentage Spending 2 to 2.9 Hours Per Week	42%	33%	33%	46%	29%	38%	34%	39%	42%	39%	31%
Percentage Spending 3 to 3.9 Hours Per Week	21%	27%	15%	20%	41%	17%	33%	29%	21%	30%	37%
Percentage Spending 4 Hours or More Per Week	7%	15%	5%	7%	20%	6%	17%	9%	7%	11%	26%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 38: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Asian Students (MASSIP 2009 Indicator 4)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	48%	31%	42%	26%	11%	53%	30%	36%	31%	n/a	3%
Percentage Spending 2 to 2.9 Hours Per Week	36%	33%	36%	57%	29%	33%	35%	34%	26%	n/a	27%
Percentage Spending 3 to 3.9 Hours Per Week	13%	24%	18%	12%	42%	9%	42%	22%	34%	n/a	54%
Percentage Spending 4 Hours or More Per Week	4%	11%	4%	6%	18%	5%	15%	8%	9%	n/a	17%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 39: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Black Students (MASSIP 2009 Indicator 4)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	36%	25%	51%	31%	15%	59%	19%	32%	33%	33%	9%
Percentage Spending 2 to 2.9 Hours Per Week	33%	31%	31%	37%	34%	28%	27%	33%	44%	47%	24%
Percentage Spending 3 to 3.9 Hours Per Week	23%	27%	14%	26%	35%	4%	31%	25%	19%	20%	31%
Percentage Spending 4 Hours or More Per Week	8%	17%	4%	6%	17%	8%	22%	10%	4%	0%	35%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 40: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Hispanic Students (MASSIP 2009 Indicator 4)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	48%	34%	50%	28%	15%	50%	12%	33%	34%	46%	10%
Percentage Spending 2 to 2.9 Hours Per Week	27%	32%	31%	40%	31%	38%	34%	39%	39%	37%	23%
Percentage Spending 3 to 3.9 Hours Per Week	18%	23%	14%	27%	41%	7%	37%	21%	17%	17%	42%
Percentage Spending 4 Hours or More Per Week	6%	11%	5%	6%	13%	4%	17%	6%	9%	0%	26%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 41: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - White Students (MASSIP 2009 Indicator 4)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	27%	20%	43%	23%	5%	38%	16%	13%	29%	16%	5%
Percentage Spending 2 to 2.9 Hours Per Week	42%	34%	38%	48%	28%	37%	36%	42%	42%	35%	32%
Percentage Spending 3 to 3.9 Hours Per Week	25%	29%	14%	18%	44%	19%	33%	35%	22%	35%	38%
Percentage Spending 4 Hours or More Per Week	7%	17%	5%	8%	23%	6%	16%	10%	7%	14%	25%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.



Table I - 42: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 4)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	40%	28%	50%	27%	14%	48%	17%	37%	29%	33%	8%
Percentage Spending 2 to 2.9 Hours Per Week	31%	32%	31%	39%	21%	35%	33%	38%	45%	43%	29%
Percentage Spending 3 to 3.9 Hours Per Week	22%	25%	15%	27%	38%	12%	32%	22%	18%	22%	32%
Percentage Spending 4 Hours or More Per Week	7%	14%	5%	7%	16%	6%	18%	7%	8%	3%	31%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table I - 43: Time Per Week Spent in Science Instruction for 4th Grade Students in 2005 - Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 4)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage Spending Less Than 2 Hours Per Week	27%	21%	44%	27%	6%	39%	15%	12%	31%	12%	5%
Percentage Spending 2 to 2.9 Hours Per Week	43%	33%	36%	48%	28%	37%	35%	40%	40%	35%	29%
Percentage Spending 3 to 3.9 Hours Per Week	24%	29%	14%	18%	45%	18%	34%	36%	23%	36%	41%
Percentage Spending 4 Hours or More Per Week	7%	16%	5%	7%	22%	6%	16%	12%	6%	16%	25%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Summary

Tables for Indicator 4 show the amount of time spent in science instruction by participating 4th grade public school students by state and gender, race/ethnicity, or low-income status, and by participating 8th grade students overall, as reported by their teachers on the 2005 NAEP survey (the most recent data available at the time this report was written).

In 2005, 31% of Massachusetts 4th grade public school students spent less than 2 hours per week in science instruction. Virginia had the lowest percentage of students at this level at 7%, while California had the highest at 47%. Thirty-nine percent (39%) of Massachusetts 4th grade public school students spent 2 to 2.9 hours per week in science instruction. Virginia had the lowest percentage of students at this level at 29%, while Connecticut had the highest at 46%. Twenty-three percent (23%) of Massachusetts 4th grade public school students spent 3 to 3.9 hours per week in science instruction. California had the lowest percentage of students at this level at 15%, while Illinois had the highest at 42%. Seven percent (7%) of Massachusetts 4th grade public school students spent 4 or more hours per week in science instruction. California had the lowest percentage of students at this level at 5%, while Virginia had the highest at 27%.

In 2005, 2% of Massachusetts 8th grade public school students spent less than 3 hours per week in science instruction. Minnesota had the lowest percentage of students at this level at 1%, while Illinois and New Jersey had the highest at 7%. Sixty-three percent (63%) of Massachusetts 8th grade public school students spent 3 to 4.9 hours per week in science instruction. North Carolina had the lowest percentage of students at this level at 34%, while Connecticut had the highest at 72%. Twenty-three percent (23%) of Massachusetts 8th grade public school students spent 5 to 6.9 hours per week in science instruction. Connecticut had the lowest percentage of students at this level at 14%, while North Carolina had the highest at 31%. Eleven percent (11%) of Massachusetts 8th grade public school students spent 7 or more hours per week in science instruction, the lowest percentage at this level, while North Carolina had the highest at 28%.

Technical Notes

The National Assessment of Educational Progress (NAEP) tests, and their surveys about student and teacher educational issues, are administered by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) every two years in reading and mathematics, and every four years in science, to 4th, 8th, and 12th grade students. However, only data for 4th and 8th grade students is available at the state level. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for NAEP is: <http://nces.ed.gov/nationsreportcard/>. NAEP administered another round of reading, mathematics, and science tests/surveys in January, February, and March 2009, the results of which will be available in spring 2010.

The NAEP tests and surveys do not involve all schools in Massachusetts (or in other states) but are generally held to involve a representative sample of public schools in the state. The number of students who participate in the tests each year, and of their teachers who participate in the surveys, is kept confidential by the NCES. National NAEP data also includes a representative sample of private schools which is not available at the state level.

Indicator 5: Highest mathematics course students take during high school

**Table I - 44: Highest Mathematics Course Students Take During High School As Reported by SAT Test-Takers in 2008 - All Students
(MASSIP 2009 Indicator 5)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Total Number of SAT Test-Takers	61,295	1,518,859	205,145	36,085	10,288	5,080	85,382	160,875	56,442	106,093	59,573
Number of Question Respondents	45,422	1,166,576	161,339	27,090	8,314	3,944	66,587	102,857	45,988	85,907	48,695
Number Whose Highest Math Course was Calculus	12,056	318,428	42,566	5,852	4,195	2,326	16,276	25,061	10,603	23,565	12,588
Number Whose Highest Math Course was Pre-Calculus	13,403	327,612	45,937	8,802	2,136	901	18,670	28,729	13,792	19,936	9,626
Number Whose Highest Math Course was Trigonometry	5,256	139,663	14,982	2,369	1,032	240	6,439	25,527	3,096	14,390	9,473
Number Whose Highest Math Course was Algebra II	13,181	334,192	50,818	8,690	858	433	22,019	15,392	17,373	23,991	14,726
Number Whose Highest Math Course was Algebra I	1,526	46,681	7,036	1,377	93	44	3,183	8,148	1,124	4,025	2,282
Number Who Took AP or Honors Courses	14,210	383,376	50,443	7,451	4,694	2,214	17,530	24,569	21,227	22,650	15,818
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage of Respondents: Calculus	26.5%	27.3%	26.4%	21.6%	50.5%	59.0%	24.4%	24.4%	23.1%	27.4%	25.9%
Percentage of Respondents: Pre-Calculus	29.5%	28.1%	28.5%	32.5%	25.7%	22.8%	28.0%	27.9%	30.0%	23.2%	19.8%
Percentage of Respondents: Trigonometry	11.6%	12.0%	9.3%	8.7%	12.4%	6.1%	9.7%	24.8%	6.7%	16.8%	19.5%
Percentage of Respondents: Algebra II	29.0%	28.6%	31.5%	32.1%	10.3%	11.0%	33.1%	15.0%	37.8%	27.9%	30.2%
Percentage of Respondents: Algebra I	3.4%	4.0%	4.4%	5.1%	1.1%	1.1%	4.8%	7.9%	2.4%	4.7%	4.7%
Percentage of Respondents Who Took AP or Honors Courses	31.3%	32.9%	31.3%	27.5%	56.5%	56.1%	26.3%	23.9%	46.2%	26.4%	32.5%

Data Source: College Board.



**Table I - 45: Highest Mathematics Course Students Take During High School As Reported by SAT Test-Takers in 2008 - Female Students
(MASSIP 2009 Indicator 5)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Total Number of SAT Test-Takers	32,234	812,764	113,265	18,761	5,473	2,660	44,558	85,768	30,797	56,616	31,843
Number of Question Respondents	24,513	641,725	90,377	14,613	4,533	2,119	35,462	56,498	25,596	47,093	26,591
Number Whose Highest Math Course was Calculus	6,028	159,214	21,709	2,867	2,181	1,186	8,138	12,781	5,514	11,783	6,420
Number Whose Highest Math Course was Pre-Calculus	7,506	186,739	26,643	4,929	1,239	514	10,269	15,801	7,861	11,364	5,391
Number Whose Highest Math Course was Trigonometry	2,891	79,608	8,540	1,279	588	137	3,541	14,806	1,734	8,058	5,494
Number Whose Highest Math Course was Algebra II	7,250	190,489	29,474	4,780	472	255	11,890	8,466	9,903	13,675	8,099
Number Whose Highest Math Course was Algebra I	839	25,675	4,011	757	53	27	1,623	4,644	584	2,214	1,187
Number Who Took AP or Honors Courses	7,531	207,023	27,239	3,949	2,535	1,151	9,291	13,267	11,887	12,005	8,542
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage of Respondents: Calculus	24.6%	24.8%	24.0%	19.6%	48.1%	56.0%	22.9%	22.6%	21.5%	25.0%	24.1%
Percentage of Respondents: Pre-Calculus	30.6%	29.1%	29.5%	33.7%	27.3%	24.2%	29.0%	28.0%	30.7%	24.1%	20.3%
Percentage of Respondents: Trigonometry	11.8%	12.4%	9.4%	8.8%	13.0%	6.5%	10.0%	26.2%	6.8%	17.1%	20.7%
Percentage of Respondents: Algebra II	29.6%	29.7%	32.6%	32.7%	10.4%	12.1%	33.5%	15.0%	38.7%	29.0%	30.5%
Percentage of Respondents: Algebra I	3.4%	4.0%	4.4%	5.2%	1.2%	1.3%	4.6%	8.2%	2.3%	4.7%	4.5%
Percentage of Respondents Who Took AP or Honors Courses	30.7%	32.3%	30.1%	27.0%	55.9%	54.3%	26.2%	23.5%	46.4%	25.5%	32.1%

Data Source: College Board.

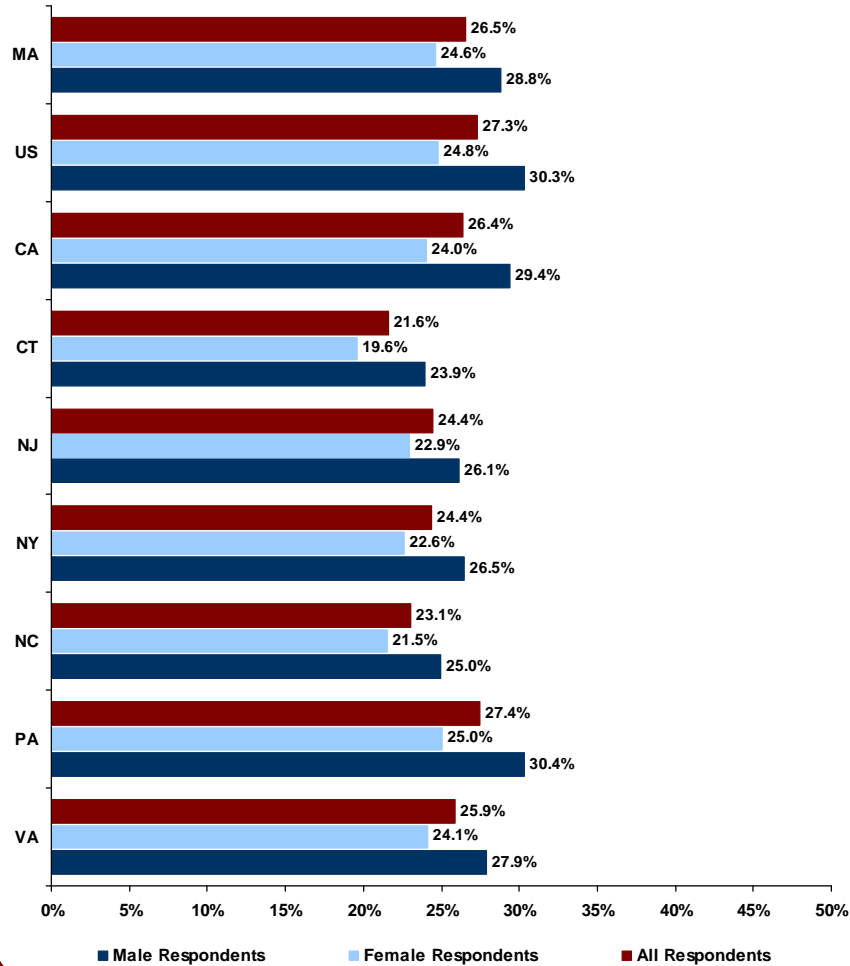
**Table I - 46: Highest Mathematics Course Students Take During High School As Reported by SAT Test-Takers in 2008 - Male Students
(MASSIP 2009 Indicator 5)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Total Number of SAT Test-Takers	29,026	704,226	91,818	17,296	4,781	2,418	40,762	74,817	25,597	49,303	27,698
Number of Question Respondents	20,909	524,851	70,962	12,477	3,781	1,825	31,125	46,359	20,392	38,814	22,104
Number Whose Highest Math Course was Calculus	6,028	159,214	20,857	2,985	2,014	1,140	8,138	12,280	5,089	11,783	6,168
Number Whose Highest Math Course was Pre-Calculus	5,897	140,873	19,294	3,873	897	387	8,402	12,928	5,931	8,572	4,235
Number Whose Highest Math Course was Trigonometry	2,365	60,055	6,442	1,090	444	103	2,898	10,721	1,362	6,332	3,979
Number Whose Highest Math Course was Algebra II	5,931	143,703	21,344	3,911	386	178	10,129	6,926	7,470	10,316	6,627
Number Whose Highest Math Course was Algebra I	687	21,006	3,025	620	40	17	1,560	3,504	540	1,811	1,095
Number Who Took AP or Honors Courses	6,679	176,353	23,204	3,502	2,159	1,063	8,239	11,302	9,340	10,646	7,276
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Percentage of Respondents: Calculus	28.8%	30.3%	29.4%	23.9%	53.3%	62.4%	26.1%	26.5%	25.0%	30.4%	27.9%
Percentage of Respondents: Pre-Calculus	28.2%	26.8%	27.2%	31.0%	23.7%	21.2%	27.0%	27.9%	29.1%	22.1%	19.2%
Percentage of Respondents: Trigonometry	11.3%	11.4%	9.1%	8.7%	11.7%	5.7%	9.3%	23.1%	6.7%	16.3%	18.0%
Percentage of Respondents: Algebra II	28.4%	27.4%	30.1%	31.3%	10.2%	9.7%	32.5%	14.9%	36.6%	26.6%	30.0%
Percentage of Respondents: Algebra I	3.3%	4.0%	4.3%	5.0%	1.1%	0.9%	5.0%	7.6%	2.6%	4.7%	5.0%
Percentage of Respondents Who Took AP or Honors Courses	31.9%	33.6%	32.7%	28.1%	57.1%	58.2%	26.5%	24.4%	45.8%	27.4%	32.9%

Data Source: College Board.

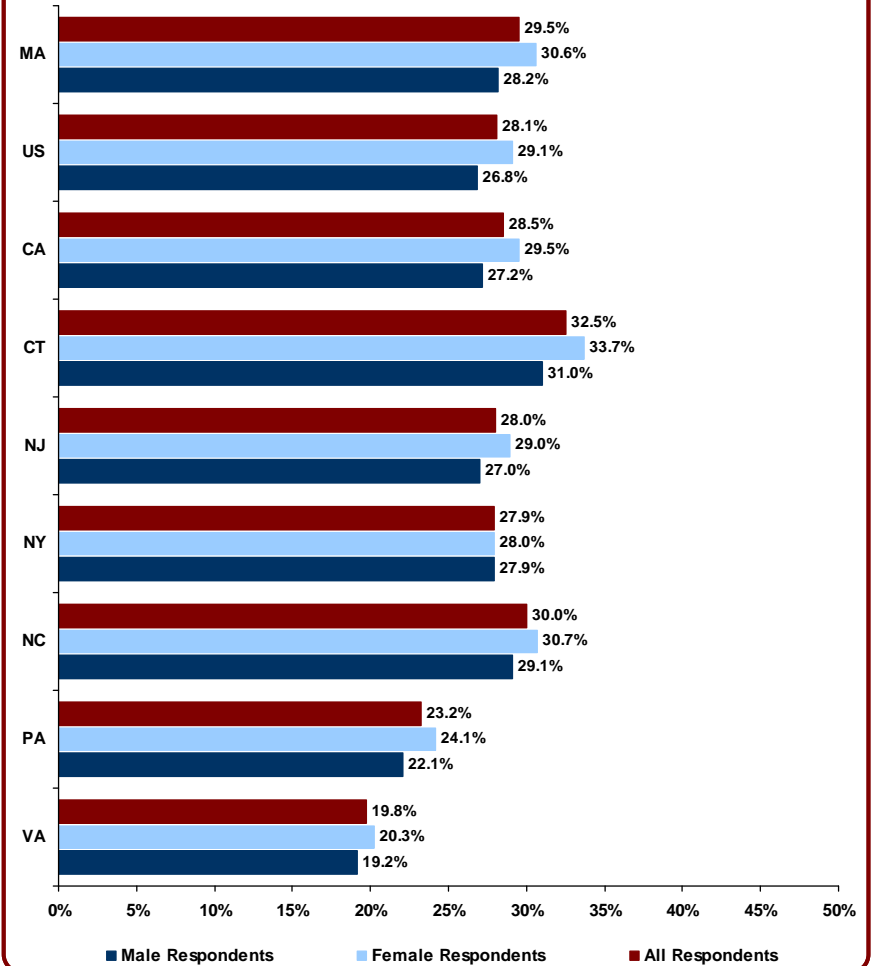


Chart I - 7: Percentage of 2008 SAT Survey Respondents Who Reported That Calculus Was the Highest Math Course They Took in High School
(MASSIP 2009 Indicator 5)



Data Source: College Board.

Chart I - 8: Percentage of 2008 SAT Survey Respondents Who Reported That Pre-Calculus Was the Highest Math Course They Took in High School
(MASSIP 2009 Indicator 5)

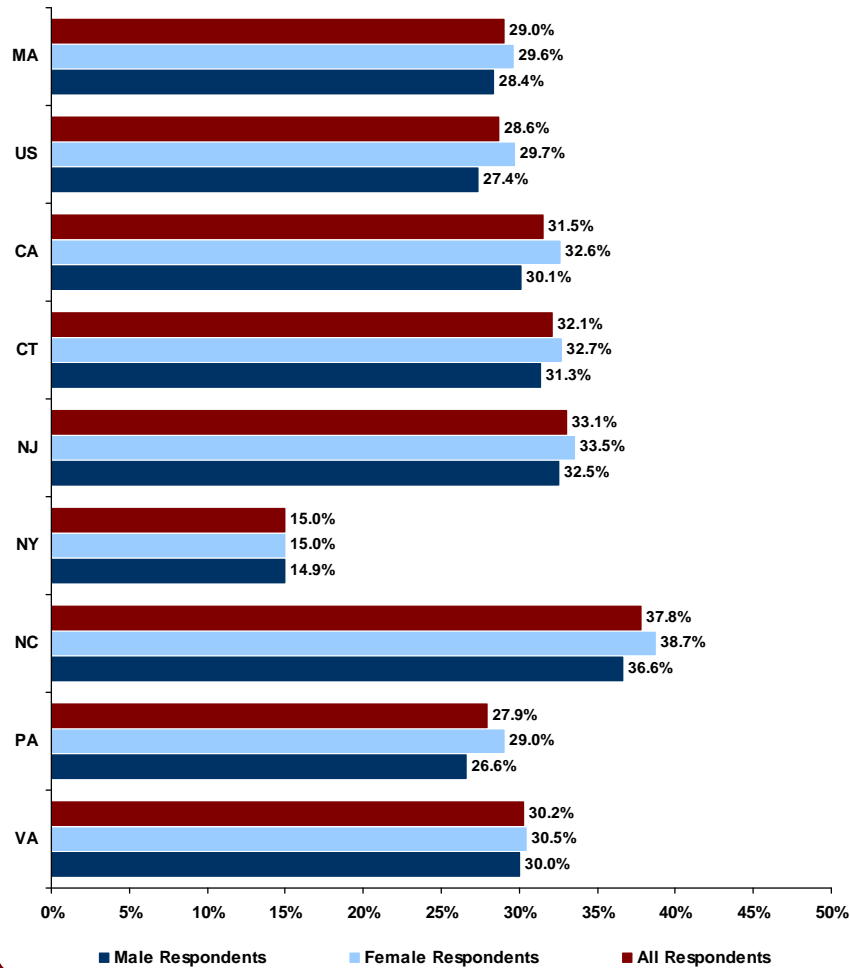


Data Source: College Board.



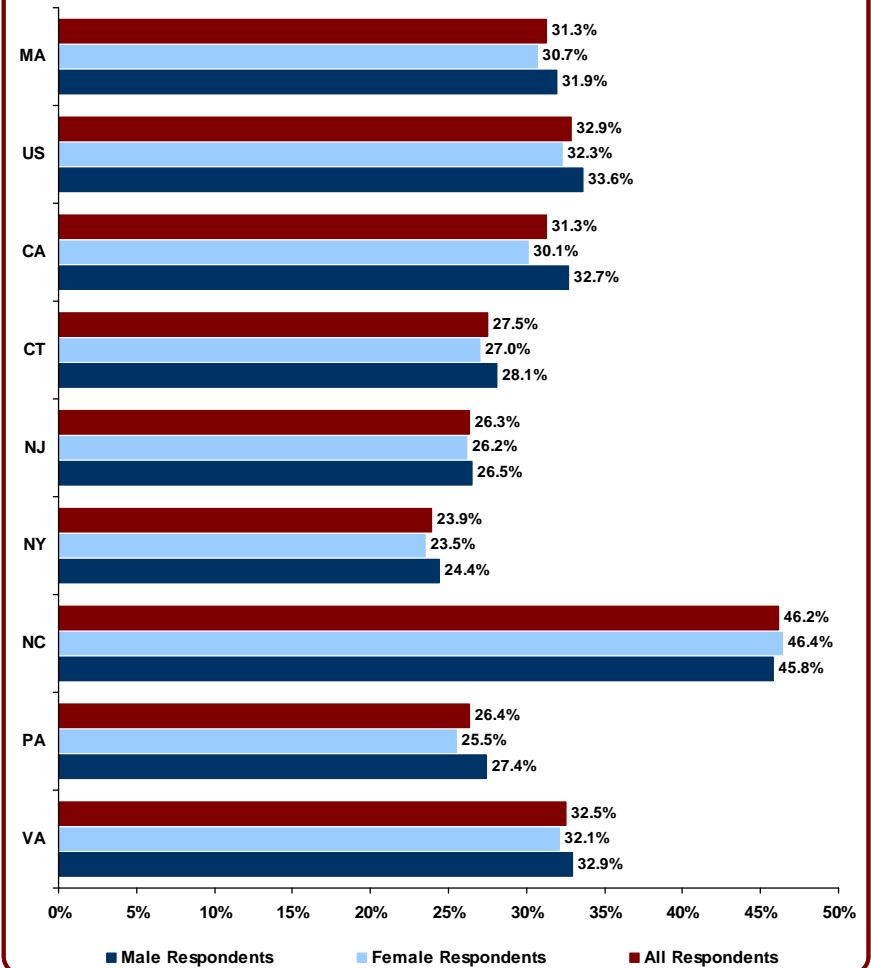
Massachusetts Statewide STEM Indicators Project (MASSIP) 2009

Chart I - 9: Percentage of 2008 SAT Survey Respondents Who Reported That Algebra II Was the Highest Math Course They Took in High School (MASSIP 2009 Indicator 5)



Data Source: College Board.

Chart I - 10: Percentage of 2008 SAT Survey Respondents Who Reported They Took an Honors or Advanced Placement Math Course in High School (MASSIP 2009 Indicator 5)



Data Source: College Board.



Summary

It should be noted that the percentage of students who take the SAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the ACT is the dominant test in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that SAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, while most in-state college-bound students take only the ACT. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the SAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of SAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, 26.5% of all respondents to the SAT question about math course-taking in Massachusetts reported taking calculus as their highest math course in high school. This was lower than the national average (27.3%) but second highest among the states included in this analysis (Pennsylvania had the highest percentage at 27.4%). A lower percentage of Massachusetts female respondents (24.6%) reported taking calculus as their highest math course in high school than male respondents (28.8%). This pattern held true nationally and for all comparison states. The percentage of female respondents in Massachusetts who reported taking calculus as their highest math course was lower than the national average (24.8%) but second highest among the states included in this analysis (Pennsylvania had the highest percentage at 25.0%). The percentage of male respondents in Massachusetts who reported taking calculus as their highest math course was also lower than the national average (30.3%) but third highest among the states included in this analysis (Pennsylvania had the highest percentage at 30.4%).

In 2008, 29.5% of all respondents to the SAT question about math course-taking in Massachusetts reported taking pre-calculus as their highest math course in high school. This was higher than the national average (28.1%) and third highest among the states included in this analysis (Connecticut had the highest percentage at 32.5%). A higher percentage of Massachusetts female respondents (30.6%) reported taking pre-calculus as their highest math course in high school than male respondents (28.2%). This pattern held true nationally and for all comparison states. The percentage of female respondents in Massachusetts who reported taking pre-calculus as their highest math course was higher than the national average (30.6%) and third highest among the states included in this analysis (Connecticut had the highest percentage at 33.7%). The percentage of male respondents in Massachusetts who reported taking pre-calculus as their highest math course was also higher than the national average (26.8%) and third highest among the states included in this analysis (Connecticut had the highest percentage at 31.0%).

In 2008, 29.0% of all respondents to the SAT question about math course-taking in Massachusetts reported taking algebra II as their highest math course in high school. This was higher than the national average (28.6%) and the sixth highest among the states included in this analysis (North Carolina had the highest percentage at 37.8%). A higher percentage of Massachusetts female respondents (29.6%) reported taking algebra II as their highest math course in high school than male respondents (28.4%). This pattern held true nationally and for all comparison states. The percentage of female respondents in Massachusetts who reported taking algebra II as their highest math course was higher than the national average (29.7%) and sixth highest among the states included in this analysis (North Carolina had the highest percentage at 38.7%). The percentage of male respondents in Massachusetts who reported taking algebra II as their highest math course was also higher than the national average (27.4%) and sixth highest among the states included in this analysis (North Carolina had the highest percentage at 36.6%).

In 2008, 31.3% of all respondents to the SAT question about math course-taking in Massachusetts reported taking an honors or Advanced Placement course in high school. This was lower than the



national average (32.9%) but tied for the third highest among the states included in this analysis (North Carolina had the highest percentage at 46.2%). A lower percentage of Massachusetts female respondents (30.7%) reported taking an honors or Advanced Placement course in high school than male respondents (31.9%). This pattern held true nationally and for all comparison states except North Carolina. The percentage of female respondents in Massachusetts who reported taking an honors or Advanced Placement course was lower than the national average (32.3%) but third highest among the states included in this analysis (North Carolina had the highest percentage at 46.4%). The percentage of male respondents in Massachusetts who reported taking an honors or Advanced Placement course was also lower than the national average (33.6%) and fourth highest among the states included in this analysis (North Carolina had the highest percentage at 45.8%).

Technical Notes

The SAT is a national, standardized test that measures students' skills in critical reading, mathematics, and writing. It is the primary test taken by students planning to enter college. The SAT has an associated survey where students give information about high school course-taking, grades, plans for college, and other data. Percentages reported for Indicator 5 are based on the number of respondents to the question about mathematics course-taking in the SAT registration questionnaire as opposed to the total number of test-takers.

As noted in the General Technical Notes, this indicator has been revised from previous editions of the Massachusetts Statewide STEM Indicators Project (MASSIP). This is a result of a change in data reporting by the College Board. Prior to 2008, the "College Bound Seniors" reports tabulated the number of test-takers who took each kind of mathematics course (resulting in a list where each test-taker was represented multiple times: once for every course she reported taking). Beginning in 2008, the College Board modified this tabulation to include only the highest mathematics course each test-taker reported taking (resulting in a list where each test-taker is represented only once). The following was the note attached to the revised mathematics course-taking table in the 2008 "College Bound Seniors" reports:

To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Consequently, our Indicator 5 has been changed from the "Mathematics courses students take during high school" that was included in previous MASSIP reports to "Highest mathematics course students take during high school."

The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 "College Bound Seniors" reports (the most recent ones at the time this report was written) is: <http://professionals.collegeboard.com/data-reports-research/sat/cb-seniors-2008>.



Indicator 6: Science courses students take during high school

Table I - 47: Number of SAT Test-Takers - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	56,487	1,419,007	177,400	33,221	13,937	6,549	77,448	147,063	50,042	101,778	53,726
2005	59,104	1,475,623	186,552	34,313	12,970	6,470	81,479	154,897	53,314	104,155	56,544
2006	59,529	1,465,744	191,740	34,522	12,694	6,106	82,990	153,518	52,690	103,445	56,336
2007	60,962	1,494,531	195,406	35,575	11,030	5,468	85,511	157,591	55,114	105,911	58,921
2008	61,295	1,518,859	205,145	36,085	10,288	5,080	85,382	160,875	56,442	106,093	59,573

Data Source: College Board.

Table I - 48: Number of SAT Test-Takers - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	29,574	758,737	98,031	17,268	7,449	3,457	40,652	78,922	27,139	54,176	28,741
2005	31,057	789,325	102,944	17,857	6,756	3,491	42,609	82,991	29,271	55,533	30,380
2006	31,420	785,019	105,920	18,115	6,677	3,346	43,385	81,960	29,010	55,318	30,153
2007	32,037	798,030	107,785	18,701	5,813	2,925	44,544	84,088	30,249	56,106	31,487
2008	32,234	812,764	113,265	18,761	5,473	2,660	44,558	85,768	30,797	56,616	31,843

Data Source: College Board.

Table I - 49: Number of SAT Test-Takers - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	26,913	660,270	79,369	15,953	6,488	3,092	36,796	68,141	22,903	47,602	24,985
2005	28,047	686,298	83,608	16,456	6,214	2,979	38,870	71,906	24,043	48,622	26,164
2006	28,109	680,725	85,820	16,407	6,017	2,760	39,605	71,558	23,680	48,127	26,183
2007	28,752	690,500	87,396	16,760	5,199	2,533	40,674	72,628	24,637	49,234	27,248
2008	29,026	704,226	91,818	17,296	4,781	2,418	40,762	74,817	25,597	49,303	27,698

Data Source: College Board.

Table I - 50: Number of Question Respondents - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	41,198	1,081,018	129,833	23,912	11,447	5,154	57,659	109,023	39,803	81,641	41,114
2005	46,092	1,198,738	151,636	26,746	11,154	5,387	65,453	119,417	45,483	85,308	46,826
2006	47,099	1,197,665	158,948	27,089	10,860	5,080	67,483	119,374	45,167	86,618	47,132
2007	49,857	1,232,796	165,479	28,844	9,429	4,551	71,245	124,595	47,756	90,070	50,297
2008	46,584	1,185,235	159,465	27,513	8,326	3,991	67,548	116,607	45,750	86,916	48,701

Data Source: College Board.

Table I - 51: Number of Question Respondents - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	22,231	590,805	73,178	12,864	6,148	2,787	31,215	60,053	22,093	44,379	22,642
2005	24,838	658,975	85,814	14,421	5,873	2,955	35,140	65,709	25,512	46,098	25,826
2006	25,326	651,815	89,033	14,534	5,792	2,820	35,758	65,231	25,276	46,929	25,741
2007	26,809	670,062	92,751	15,563	5,035	2,479	37,618	67,717	26,425	48,548	27,353
2008	24,926	645,261	89,497	14,739	4,505	2,128	36,086	63,891	25,410	47,106	26,577

Data Source: College Board.

Table I - 52: Number of Question Respondents - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	18,967	490,213	56,655	11,048	5,299	2,367	26,444	48,970	17,804	37,262	18,472
2005	21,254	539,763	65,822	12,325	5,281	2,432	30,313	53,708	19,971	39,210	21,000
2006	21,773	545,850	69,915	12,555	5,068	2,260	31,725	54,143	19,891	39,689	21,391
2007	23,044	555,711	72,728	13,114	4,390	2,034	33,614	56,379	21,082	41,213	22,936
2008	21,521	539,974	69,968	12,775	3,792	1,862	31,462	52,716	20,340	39,780	22,113

Data Source: College Board.

Table I - 53: Percentage of SAT Question Respondents Who Reported Taking Biology in High School - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	98.0%	98.7%	98.3%	99.2%	98.9%	98.2%	99.5%	99.4%	101.0%	100.0%	100.2%
2005	96.8%	98.1%	97.0%	98.0%	98.2%	97.7%	98.8%	98.3%	100.1%	102.7%	99.4%
2006	97.1%	98.0%	97.3%	98.0%	98.1%	98.3%	98.7%	97.4%	99.6%	99.5%	99.1%
2007	96.6%	97.0%	97.7%	97.4%	97.3%	98.2%	97.6%	93.3%	99.1%	98.4%	98.4%
2008	94.2%	95.0%	97.2%	95.5%	95.5%	97.4%	95.6%	87.0%	98.1%	96.8%	97.1%

Data Source: College Board.

Table I - 54: Percentage of SAT Question Respondents Who Reported Taking Biology in High School - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	98.1%	99.3%	99.4%	99.5%	99.5%	98.0%	99.2%	101.1%	101.9%	101.2%	100.1%
2005	97.0%	98.2%	97.7%	98.2%	98.8%	98.0%	99.4%	98.2%	100.0%	104.5%	99.1%
2006	97.5%	99.1%	97.3%	98.6%	99.3%	99.1%	100.6%	98.0%	99.7%	101.0%	99.8%
2007	97.0%	98.2%	97.6%	99.3%	98.4%	99.2%	98.0%	94.5%	100.3%	100.4%	99.6%
2008	96.8%	96.0%	97.0%	96.2%	97.1%	98.6%	96.7%	87.3%	98.9%	98.3%	97.8%

Data Source: College Board.

Table I - 55: Percentage of SAT Question Respondents Who Reported Taking Biology in High School - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	97.9%	98.0%	96.9%	98.7%	98.3%	98.3%	99.8%	97.4%	99.3%	98.6%	100.4%
2005	96.6%	98.1%	96.0%	97.8%	97.4%	97.4%	98.2%	98.3%	100.4%	100.5%	99.7%
2006	96.6%	96.8%	97.3%	97.2%	96.7%	97.2%	96.6%	96.6%	99.6%	97.7%	98.2%
2007	96.1%	96.8%	97.8%	96.4%	96.2%	98.9%	97.3%	92.8%	98.8%	96.7%	97.1%
2008	91.7%	93.9%	97.4%	94.6%	94.3%	96.0%	94.4%	86.6%	97.1%	95.2%	96.2%

Data Source: College Board.



Table I - 56: Percentage of SAT Question Respondents Who Reported Taking Chemistry in High School - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	89.2%	88.1%	86.3%	87.1%	96.2%	94.1%	89.9%	83.5%	81.6%	91.1%	87.8%
2005	88.9%	88.1%	86.5%	87.5%	95.4%	93.8%	90.3%	83.6%	79.9%	93.7%	87.5%
2006	89.7%	88.6%	88.1%	88.1%	95.8%	94.1%	90.6%	83.6%	80.4%	91.3%	88.2%
2007	90.5%	88.7%	89.8%	87.9%	95.4%	94.8%	90.7%	82.8%	80.6%	91.2%	88.9%
2008	88.0%	87.2%	89.0%	86.3%	94.5%	93.4%	89.5%	79.1%	78.4%	90.0%	87.7%

Data Source: College Board.

Table I - 57: Percentage of SAT Question Respondents Who Reported Taking Chemistry in High School - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	89.2%	88.7%	87.3%	87.4%	96.7%	93.9%	89.7%	83.4%	83.8%	92.2%	89.3%
2005	89.1%	88.2%	87.1%	87.7%	96.0%	94.0%	90.8%	83.6%	81.2%	95.4%	87.2%
2006	90.0%	89.6%	88.0%	88.6%	95.2%	94.9%	92.4%	84.2%	81.9%	92.7%	88.9%
2007	90.9%	89.8%	89.8%	89.6%	96.5%	95.7%	92.8%	83.8%	83.0%	93.1%	90.0%
2008	90.5%	88.1%	90.4%	88.6%	96.0%	94.6%	90.4%	79.4%	80.5%	91.3%	88.4%

Data Source: College Board.

Table I - 58: Percentage of SAT Question Respondents Who Reported Taking Chemistry in High School - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	89.1%	87.4%	85.1%	86.7%	95.6%	94.2%	90.2%	83.7%	78.4%	89.8%	86.0%
2005	88.7%	88.1%	85.7%	87.4%	94.7%	93.5%	89.6%	83.7%	78.3%	91.7%	87.8%
2006	89.2%	87.5%	88.1%	87.4%	96.5%	93.1%	88.7%	83.0%	78.5%	89.7%	87.5%
2007	90.0%	88.6%	89.9%	87.0%	94.3%	95.5%	88.5%	82.3%	78.5%	89.7%	87.8%
2008	85.8%	86.2%	87.3%	83.7%	93.3%	92.0%	88.4%	78.7%	75.8%	88.5%	87.0%

Data Source: College Board.

Table I - 59: Percentage of SAT Question Respondents Who Reported Taking Physics in High School - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	53.3%	50.7%	45.7%	45.4%	80.0%	70.2%	48.9%	44.0%	32.3%	53.4%	50.6%
2005	55.0%	51.7%	47.3%	47.0%	81.0%	71.0%	50.6%	43.0%	34.5%	56.6%	51.2%
2006	57.6%	53.0%	48.6%	48.9%	81.1%	73.5%	52.5%	45.8%	36.4%	55.8%	52.0%
2007	62.0%	54.1%	51.1%	51.5%	81.5%	75.6%	54.7%	47.9%	37.0%	57.3%	53.7%
2008	57.2%	51.3%	46.8%	47.8%	78.0%	74.1%	52.4%	44.9%	32.4%	55.5%	50.9%

Data Source: College Board.

Table I - 60: Percentage of SAT Question Respondents Who Reported Taking Physics in High School - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	48.4%	46.4%	41.3%	39.7%	77.4%	64.9%	45.1%	40.0%	28.5%	50.1%	46.0%
2005	50.0%	47.0%	43.4%	41.9%	78.5%	67.3%	47.1%	39.1%	30.1%	53.4%	47.4%
2006	52.5%	48.7%	44.2%	43.7%	79.1%	70.2%	48.6%	41.9%	32.5%	52.5%	47.6%
2007	57.6%	49.8%	46.5%	46.8%	77.9%	72.1%	50.7%	44.9%	32.7%	54.2%	49.3%
2008	53.4%	47.1%	42.5%	43.7%	75.0%	70.9%	49.1%	41.8%	28.6%	52.2%	47.5%

Data Source: College Board.

Table I - 61: Percentage of SAT Question Respondents Who Reported Taking Physics in High School - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	59.1%	55.9%	51.3%	52.1%	82.9%	76.4%	53.3%	49.0%	36.9%	57.3%	56.4%
2005	60.8%	57.4%	52.3%	53.1%	83.8%	75.4%	54.6%	47.8%	40.1%	60.3%	56.0%
2006	63.6%	58.2%	54.1%	54.9%	83.4%	77.7%	57.0%	50.5%	41.3%	59.7%	57.3%
2007	67.0%	60.0%	56.9%	57.8%	85.8%	81.2%	59.1%	51.9%	42.7%	61.3%	58.8%
2008	61.9%	56.3%	52.3%	52.5%	82.3%	77.8%	56.3%	48.6%	37.2%	59.4%	54.9%

Data Source: College Board.



Table I - 62: Percentage of SAT Question Respondents Who Reported Taking Geology, Earth, or Space Science in High School - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	42.7%	44.4%	25.5%	52.5%	26.4%	49.4%	44.7%	76.7%	81.1%	50.5%	70.9%
2005	41.4%	43.7%	25.2%	51.5%	26.4%	45.7%	44.4%	76.2%	77.4%	51.0%	68.8%
2006	41.9%	44.5%	26.2%	52.4%	26.1%	45.5%	45.5%	75.9%	78.4%	50.5%	69.8%
2007	47.1%	48.6%	33.2%	60.8%	26.1%	46.0%	52.2%	73.7%	84.8%	54.6%	72.2%
2008	45.5%	48.1%	36.4%	62.1%	27.5%	49.1%	54.0%	67.2%	85.3%	54.9%	68.5%

Data Source: College Board.

Table I - 63: Percentage of SAT Question Respondents Who Reported Taking Geology, Earth, or Space Science in High School - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	42.7%	44.7%	25.4%	52.6%	27.0%	49.3%	44.6%	78.0%	81.8%	50.2%	70.8%
2005	40.7%	42.9%	24.5%	50.6%	27.0%	45.0%	43.8%	76.2%	78.6%	51.0%	69.9%
2006	42.1%	44.2%	25.7%	51.7%	26.9%	46.8%	45.5%	76.4%	79.9%	50.3%	70.3%
2007	47.3%	48.3%	32.5%	60.8%	27.4%	46.4%	52.4%	74.6%	87.3%	54.7%	73.0%
2008	45.9%	47.7%	35.7%	62.6%	28.9%	47.9%	53.5%	67.5%	86.0%	54.7%	69.0%

Data Source: College Board.

Table I - 64: Percentage of SAT Question Respondents Who Reported Taking Geology, Earth, or Space Science in High School - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	42.6%	44.0%	25.7%	52.2%	25.6%	49.5%	44.8%	75.1%	79.7%	50.9%	71.0%
2005	42.2%	44.6%	26.1%	52.5%	25.6%	46.5%	45.0%	76.3%	75.8%	51.1%	67.5%
2006	41.7%	44.9%	26.8%	53.1%	25.1%	44.0%	45.5%	75.3%	76.6%	50.7%	69.2%
2007	46.8%	49.6%	34.0%	61.5%	24.7%	46.3%	52.0%	73.3%	82.6%	54.8%	71.3%
2008	45.3%	48.5%	37.4%	61.5%	25.9%	50.5%	54.5%	66.9%	84.4%	55.1%	67.9%

Data Source: College Board.

Table I - 65: Percentage of SAT Question Respondents Who Reported Taking Other Science in High School - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	44.0%	39.3%	37.5%	42.6%	29.3%	39.9%	37.2%	26.7%	43.5%	37.6%	31.4%
2005	43.3%	39.2%	35.4%	43.0%	28.8%	40.5%	37.2%	31.2%	43.3%	38.7%	32.3%
2006	42.6%	38.9%	34.0%	42.6%	29.6%	38.9%	36.6%	32.1%	42.8%	37.2%	32.8%
2007	45.1%	40.7%	34.6%	45.1%	31.3%	39.1%	39.2%	33.2%	45.3%	39.5%	38.3%
2008	42.5%	38.9%	32.2%	42.9%	31.0%	37.2%	35.6%	31.1%	43.3%	37.6%	38.9%

Data Source: College Board.

Table I - 66: Percentage of SAT Question Respondents Who Reported Taking Other Science in High School - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	48.1%	42.4%	40.6%	45.9%	32.2%	42.8%	39.1%	28.6%	46.2%	40.1%	34.2%
2005	47.4%	42.1%	38.2%	46.3%	31.7%	43.6%	39.5%	32.8%	46.3%	41.6%	35.1%
2006	46.8%	42.2%	36.4%	46.8%	32.8%	43.4%	39.4%	34.1%	45.9%	39.8%	36.0%
2007	49.5%	44.2%	37.0%	49.4%	34.6%	42.3%	41.5%	35.4%	48.3%	42.5%	41.5%
2008	47.7%	42.2%	35.0%	48.0%	33.8%	40.5%	38.0%	32.9%	46.0%	41.0%	42.1%

Data Source: College Board.

Table I - 67: Percentage of SAT Question Respondents Who Reported Taking Other Science in High School - Male Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	39.2%	35.5%	33.5%	38.7%	25.9%	36.5%	34.9%	24.4%	39.9%	34.6%	28.0%
2005	38.5%	35.7%	31.8%	39.2%	25.5%	36.8%	34.6%	29.1%	39.4%	35.4%	28.8%
2006	37.8%	35.0%	30.9%	37.7%	26.0%	33.2%	33.5%	29.8%	38.9%	34.1%	28.9%
2007	40.0%	37.0%	31.5%	40.7%	27.6%	35.9%	36.5%	30.8%	42.1%	36.2%	34.4%
2008	36.8%	35.0%	28.6%	37.0%	27.9%	33.5%	32.9%	28.9%	39.9%	33.7%	35.1%

Data Source: College Board.



Table I - 68: Percentage of SAT Question Respondents Who Reported Taking AP or Honors Science in High School - All Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	32.1%	29.5%	27.1%	28.1%	55.0%	44.2%	25.7%	20.6%	44.6%	26.0%	30.1%
2005	31.7%	29.7%	27.4%	27.7%	55.3%	44.4%	26.2%	20.6%	44.7%	26.8%	30.4%
2006	31.8%	30.6%	29.2%	28.9%	56.2%	45.9%	26.9%	21.7%	46.5%	25.8%	31.1%
2007	32.3%	32.3%	31.6%	29.0%	59.0%	49.0%	28.2%	24.0%	48.6%	27.2%	34.4%
2008	31.1%	31.1%	28.7%	27.3%	55.0%	48.1%	26.4%	20.9%	48.3%	26.5%	33.6%

Data Source: College Board.

Table I - 69: Percentage of SAT Question Respondents Who Reported Taking AP or Honors Science in High School - Female Students (MASSIP 2009 Indicator 6)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	32.7%	30.2%	26.9%	28.2%	55.3%	43.3%	25.6%	20.6%	45.8%	25.8%	31.2%
2005	32.3%	30.2%	27.1%	27.7%	54.6%	43.7%	26.9%	20.6%	46.3%	27.3%	31.4%
2006	32.5%	31.5%	29.2%	29.6%	56.9%	44.6%	27.4%	21.8%	48.2%	25.7%	31.9%
2007	33.0%	33.3%	31.6%	29.6%	58.6%	47.7%	28.8%	24.3%	51.0%	27.8%	35.4%
2008	32.5%	31.9%	28.7%	28.0%	54.9%	46.9%	27.2%	21.0%	50.4%	26.9%	34.5%

Data Source: College Board.

Table I - 70: Percentage of SAT Question Respondents Who Reported Taking AP or Honors Science in High School - Male Students (MASSIP 2009 Indicator 6)

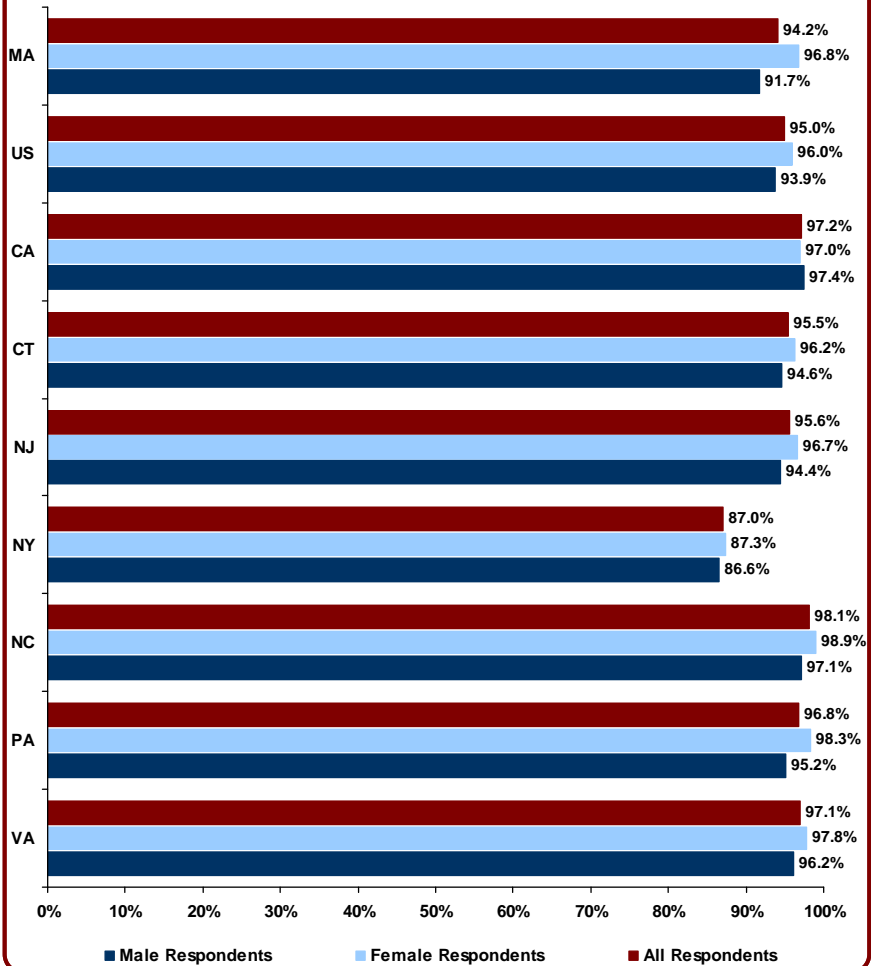
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	31.4%	28.6%	27.3%	28.0%	54.7%	45.2%	25.8%	20.7%	42.9%	26.2%	28.8%
2005	30.9%	29.0%	27.8%	27.6%	56.1%	45.2%	25.5%	20.6%	42.8%	26.3%	29.2%
2006	31.0%	29.5%	29.2%	28.1%	55.4%	47.4%	26.3%	21.5%	44.4%	25.9%	30.2%
2007	31.4%	31.6%	31.6%	28.7%	59.5%	51.5%	27.5%	23.8%	46.3%	26.8%	33.2%
2008	29.6%	30.0%	28.8%	26.5%	55.6%	49.5%	25.5%	20.8%	45.6%	26.1%	32.6%

Data Source: College Board.



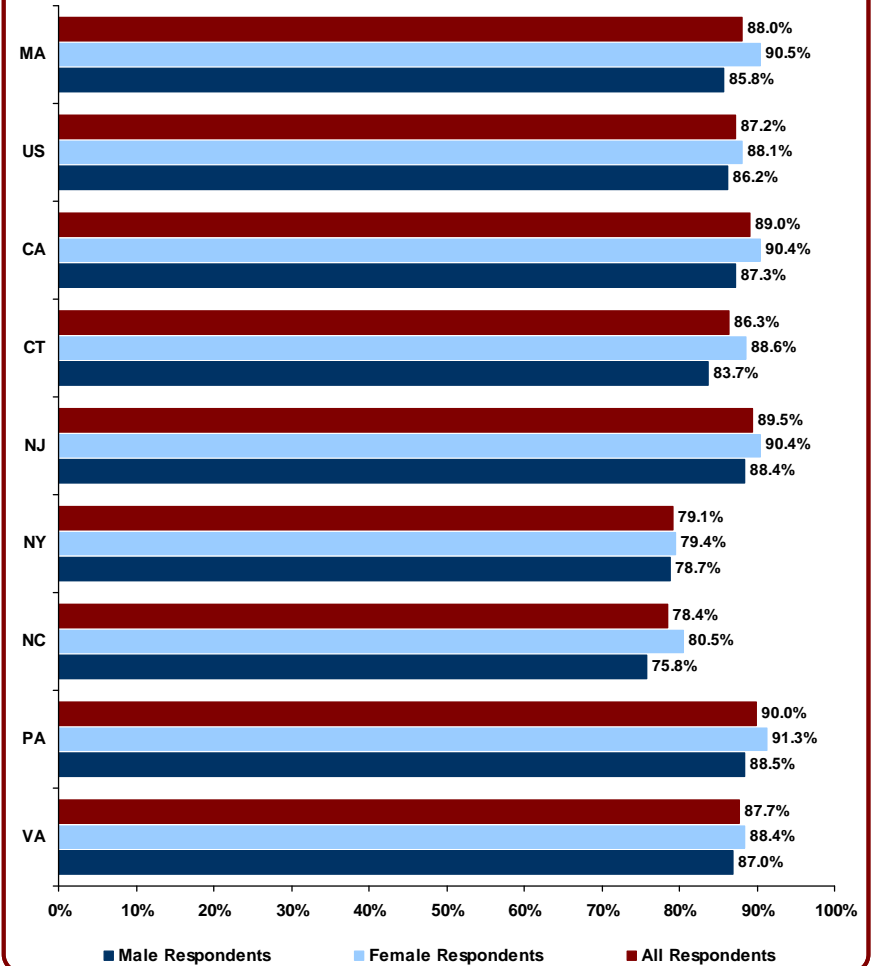
Massachusetts Statewide STEM Indicators Project (MASSIP) 2009

Chart I - 11: Percentage of 2008 SAT Survey Respondents Who Reported They Took Biology in High School (MASSIP 2009 Indicator 6)



Data Source: College Board.

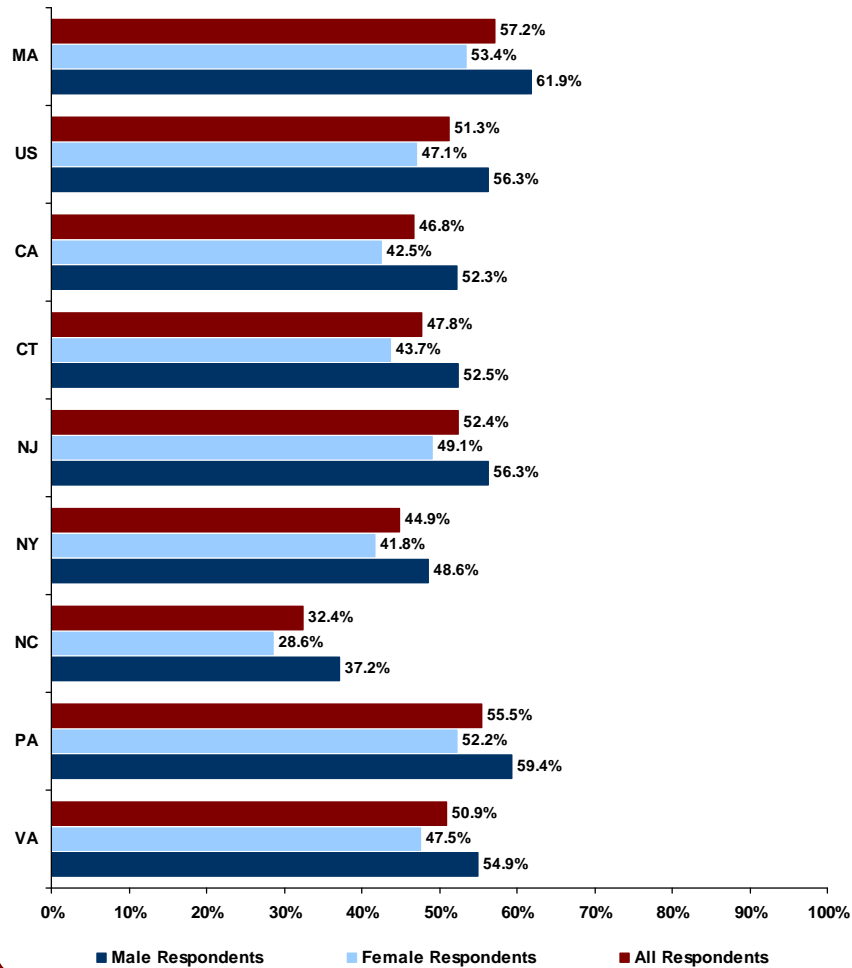
Chart I - 12: Percentage of 2008 SAT Survey Respondents Who Reported They Took Chemistry in High School (MASSIP 2009 Indicator 6)



Data Source: College Board.

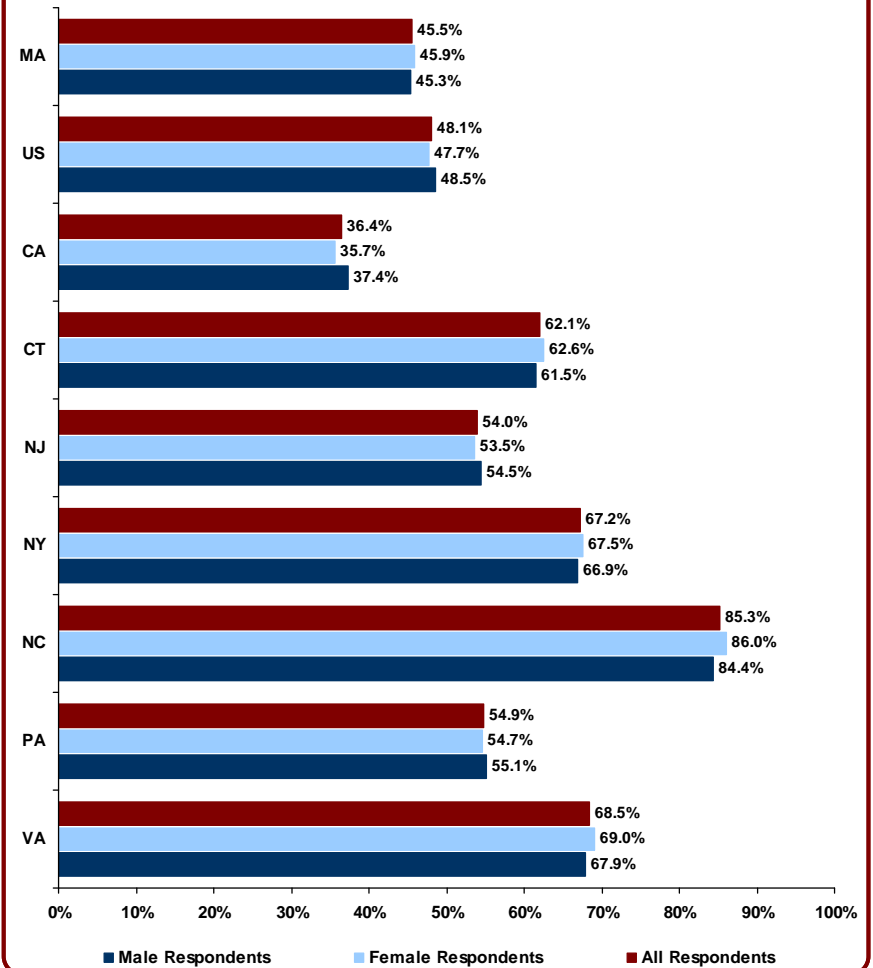


Chart I - 13: Percentage of 2008 SAT Survey Respondents Who Reported They Took Physics in High School (MASSIP 2009 Indicator 6)



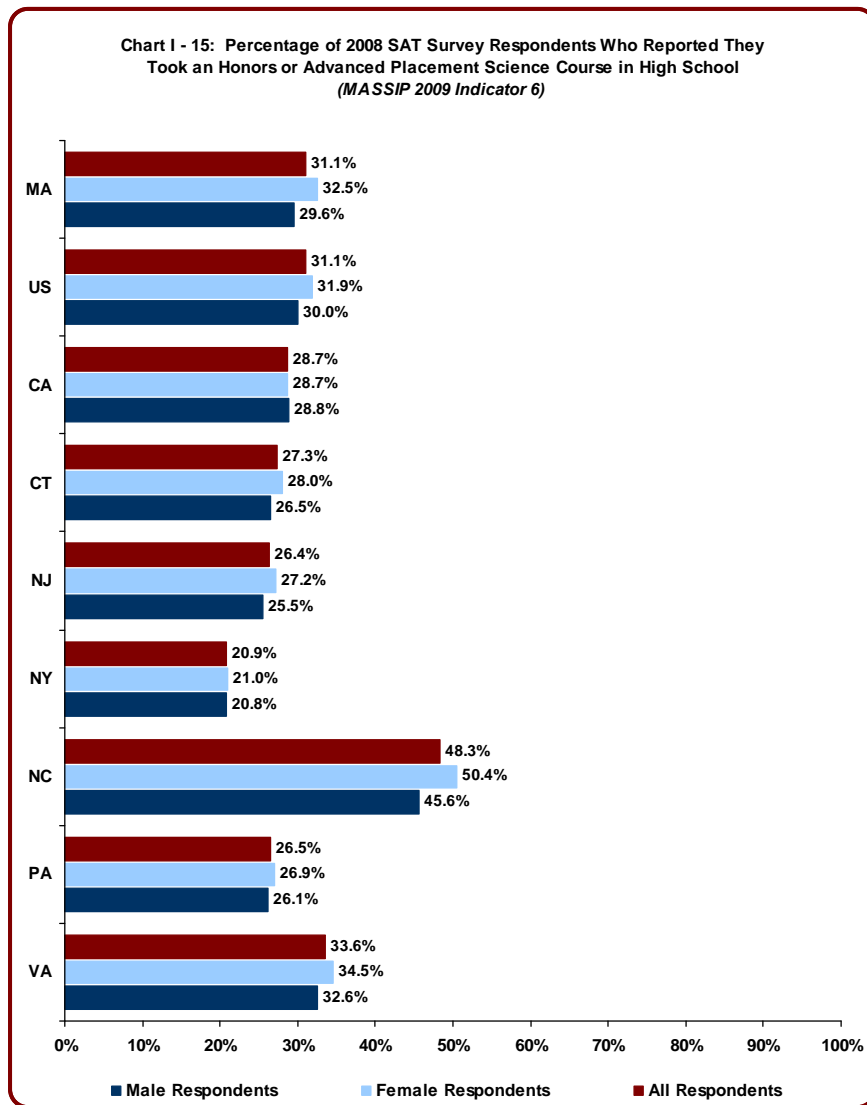
Data Source: College Board.

Chart I - 14: Percentage of 2008 SAT Survey Respondents Who Reported They Took Geology, Earth, or Space Science in High School (MASSIP 2009 Indicator 6)



Data Source: College Board.





Data Source: College Board.



Summary

It should be noted that the percentage of students who take the SAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the ACT is the dominant test in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that SAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, while most in-state college-bound students take only the ACT. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the SAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of SAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, 94.2% of all respondents to the SAT question about science course-taking in Massachusetts reported taking biology in high school. This was lower than the national average (95.0%) and seventh highest among the states included in this analysis (North Carolina had the highest percentage at 98.1%). A higher percentage of Massachusetts female respondents (96.8%) reported taking biology in high school than male respondents (91.7%). This pattern held true nationally and for all comparison states except California. The percentage of female respondents in Massachusetts who reported taking biology was higher than the national average (96.0%) and fifth highest among the states included in this analysis (North Carolina had the highest percentage at 98.9%). The percentage of male respondents in Massachusetts who reported taking biology was lower than the national average (93.9%) and seventh highest among the states included in this analysis (California had the highest percentage at 97.4%).

In 2008, 88.0% of all respondents to the SAT question about science course-taking in Massachusetts reported taking chemistry in high school. This was higher than the national average (87.2%) and fourth highest among the states included in this analysis (Pennsylvania had the highest percentage at 90.0%). A higher percentage of Massachusetts female respondents (90.5%) reported taking chemistry in high school than male respondents (85.8%). This pattern held true nationally and for all comparison states. The percentage of female respondents in Massachusetts who reported taking chemistry was higher than the national average (88.1%) and second highest among the states included in this analysis (Pennsylvania had the highest percentage at 91.3%). The percentage of male respondents in Massachusetts who reported taking chemistry was lower than the national average (86.2%) and fifth highest among the states included in this analysis (Pennsylvania had the highest percentage at 88.5%).

In 2008, 57.2% of all respondents to the SAT question about science course-taking in Massachusetts reported taking physics in high school. This was higher than the national average (51.3%) and the highest among the states included in this analysis. A lower percentage of Massachusetts female respondents (53.4%) reported taking physics in high school than male respondents (61.9%). This pattern held true nationally and for all comparison states. The percentage of female respondents in Massachusetts who reported taking physics was higher than the national average (47.1%) and the highest among the states included in this analysis. The percentage of male respondents in Massachusetts who reported taking physics was also higher than the national average (56.3%) and the highest among the states included in this analysis.

In 2008, 45.5% of all respondents to the SAT question about science course-taking in Massachusetts reported taking geology, earth, or space science in high school. This was lower than the national average (48.1%) and seventh highest among the states included in this analysis (North Carolina had the highest percentage at 85.3%). A higher percentage of Massachusetts female respondents (45.9%) reported taking geology, earth, or space science in high school than male respondents (45.3%). This pattern was mixed nationally and among the comparison states. The percentage of female respondents in Massachusetts who reported taking geology, earth, or space science was lower than the national average (47.7%) and seventh highest among the states included in this analysis (North



Carolina had the highest percentage at 86.0%). The percentage of male respondents in Massachusetts who reported taking geology, earth, or space science was also lower than the national average (48.5%) and seventh highest among the states included in this analysis (North Carolina had the highest percentage at 84.4%).

In 2008, 31.1% of all respondents to the SAT question about science course-taking in Massachusetts reported taking an honors or Advanced Placement course in high school. This was the same as the national average (31.1%) and third highest among the states included in this analysis (North Carolina had the highest percentage at 48.3%). A higher percentage of Massachusetts female respondents (32.5%) reported taking an honors or Advanced Placement course in high school than male respondents (29.6%). This pattern held true nationally and for all comparison states except California. The percentage of female respondents in Massachusetts who reported taking an honors or Advanced Placement course was higher than the national average (31.9%) and third highest among the states included in this analysis (North Carolina had the highest percentage at 50.4%). The percentage of male respondents in Massachusetts who reported taking an honors or Advanced Placement course was lower than the national average (30.0%) and third highest among the states included in this analysis (North Carolina had the highest percentage at 45.6%).

Technical Notes

The SAT is a national, standardized test that measures students' skills in critical reading, mathematics, and writing. It is the primary test taken by students planning to enter college. The SAT has an associated survey where students give information about high school course-taking, grades, plans for college, and other data. Percentages reported for Indicator 6 are based on the number of respondents to the question about science course-taking in the SAT registration questionnaire as opposed to the total number of test-takers.

The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 "College Bound Seniors" reports (the most recent ones at the time this report was written) is: <http://professionals.collegeboard.com/data-reports-research/sat/cb-seniors-2008>.



***Massachusetts Statewide STEM
Indicators Project (MASSIP)***

2009 Report

**Section II:
STEM Achievement
and Interest of K-12
Students**



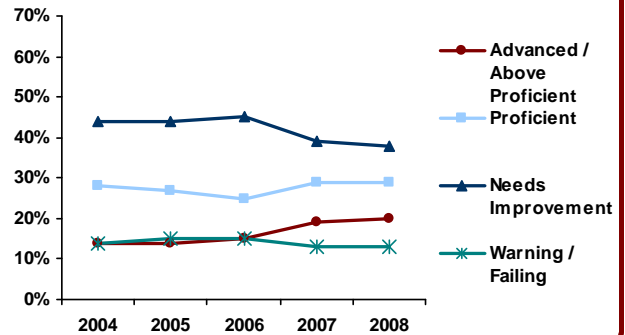
Indicator 7: Student achievement on state mathematics exams

Table II - 1: MCAS Results for 4th Grade Math - All Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	14%	14%	15%	19%	20%
Proficient	28%	27%	25%	29%	29%
Needs Improvement	44%	44%	45%	39%	38%
Warning/Failing	14%	15%	15%	13%	13%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 1: MCAS Results for 4th Grade Math -- Percentage of All Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



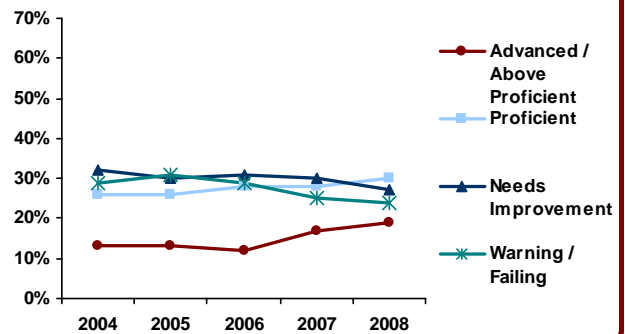
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 2: MCAS Results for 8th Grade Math - All Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	13%	13%	12%	17%	19%
Proficient	26%	26%	28%	28%	30%
Needs Improvement	32%	30%	31%	30%	27%
Warning/Failing	29%	31%	29%	25%	24%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 2: MCAS Results for 8th Grade Math -- Percentage of All Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



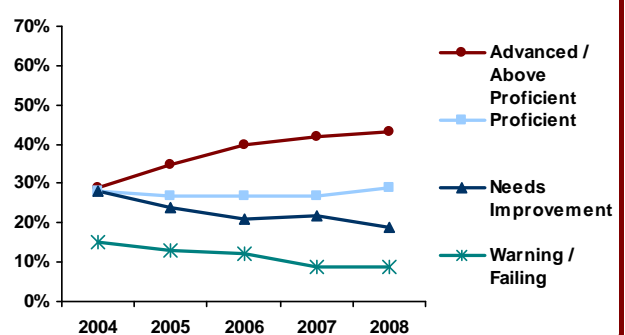
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 3: MCAS Results for 10th Grade Math - All Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	29%	35%	40%	42%	43%
Proficient	28%	27%	27%	27%	29%
Needs Improvement	28%	24%	21%	22%	19%
Warning/Failing	15%	13%	12%	9%	9%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 3: MCAS Results for 10th Grade Math -- Percentage of All Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



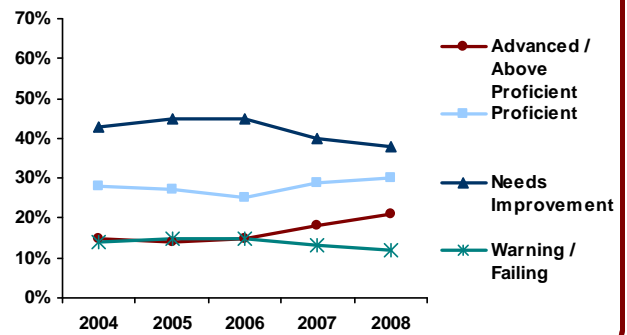
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 4: MCAS Results for 4th Grade Math – Female Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	15%	14%	15%	18%	21%
Proficient	28%	27%	25%	29%	30%
Needs Improvement	43%	45%	45%	40%	38%
Warning/Failing	14%	15%	15%	13%	12%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 4: MCAS Results for 4th Grade Math -- Percentage of Female Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



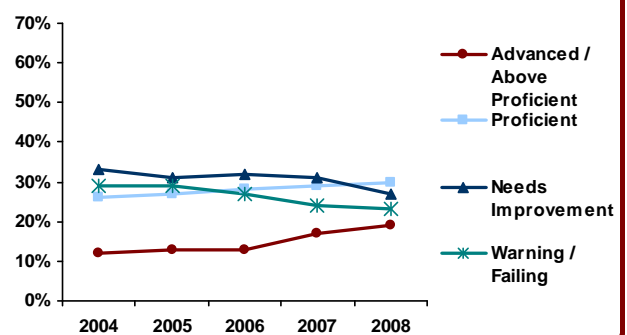
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 5: MCAS Results for 8th Grade Math – Female Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	12%	13%	13%	17%	19%
Proficient	26%	27%	28%	29%	30%
Needs Improvement	33%	31%	32%	31%	27%
Warning/Failing	29%	29%	27%	24%	23%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 5: MCAS Results for 8th Grade Math -- Percentage of Female Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



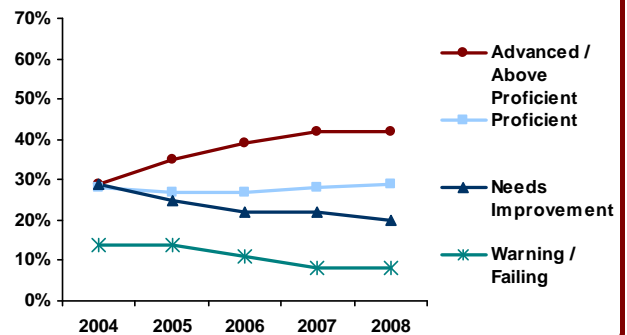
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 6: MCAS Results for 10th Grade Math - Female Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	29%	35%	39%	42%	42%
Proficient	28%	27%	27%	28%	29%
Needs Improvement	29%	25%	22%	22%	20%
Warning/Failing	14%	14%	11%	8%	8%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 6: MCAS Results for 10th Grade Math -- Percentage of Female Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



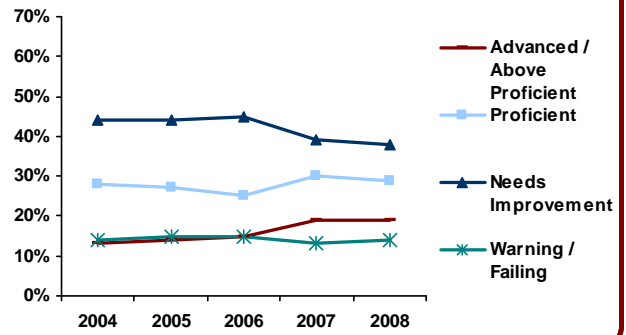
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 7: MCAS Results for 4th Grade Math - Male Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	13%	14%	15%	19%	19%
Proficient	28%	27%	25%	30%	29%
Needs Improvement	44%	44%	45%	39%	38%
Warning/Failing	14%	15%	15%	13%	14%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 7: MCAS Results for 4th Grade Math -- Percentage of Male Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



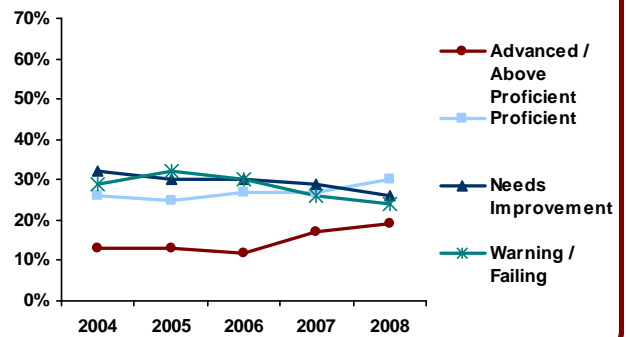
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 8: MCAS Results for 8th Grade Math - Male Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	13%	13%	12%	17%	19%
Proficient	26%	25%	27%	27%	30%
Needs Improvement	32%	30%	30%	29%	26%
Warning/Failing	29%	32%	30%	26%	24%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 8: MCAS Results for 8th Grade Math -- Percentage of Male Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



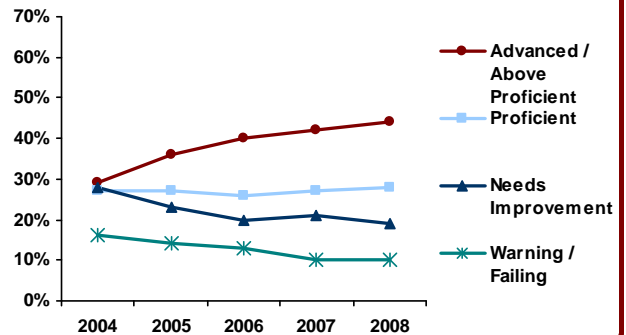
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 9: MCAS Results for 10th Grade Math - Male Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	29%	36%	40%	42%	44%
Proficient	27%	27%	26%	27%	28%
Needs Improvement	28%	23%	20%	21%	19%
Warning/Failing	16%	14%	13%	10%	10%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 9: MCAS Results for 10th Grade Math -- Percentage of Male Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



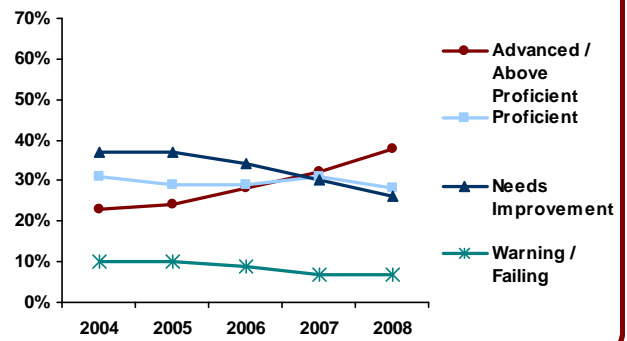
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 10: MCAS Results for 4th Grade Math – Asian Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	23%	24%	28%	32%	38%
Proficient	31%	29%	29%	31%	28%
Needs Improvement	37%	37%	34%	30%	26%
Warning/Failing	10%	10%	9%	7%	7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 10: MCAS Results for 4th Grade Math -- Percentage of Asian Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



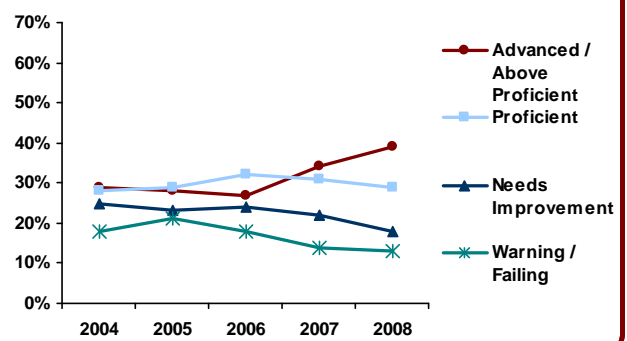
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 11: MCAS Results for 8th Grade Math – Asian Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	29%	28%	27%	34%	39%
Proficient	28%	29%	32%	31%	29%
Needs Improvement	25%	23%	24%	22%	18%
Warning/Failing	18%	21%	18%	14%	13%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 11: MCAS Results for 8th Grade Math -- Percentage of Asian Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



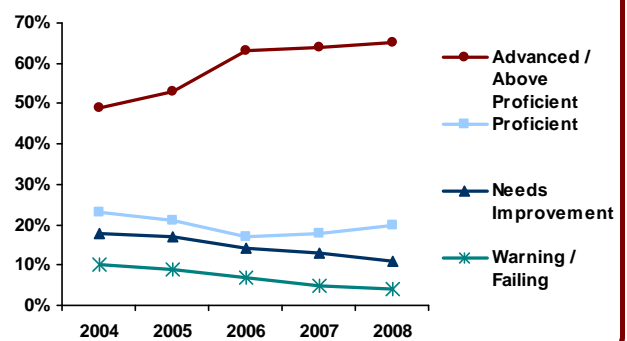
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 12: MCAS Results for 10th Grade Math – Asian Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	49%	53%	63%	64%	65%
Proficient	23%	21%	17%	18%	20%
Needs Improvement	18%	17%	14%	13%	11%
Warning/Failing	10%	9%	7%	5%	4%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 12: MCAS Results for 10th Grade Math -- Percentage of Asian Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



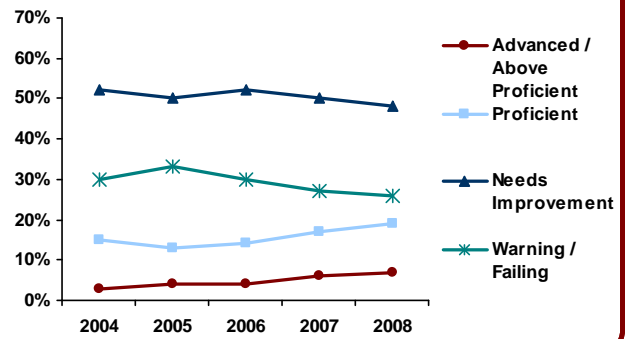
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 13: MCAS Results for 4th Grade Math – Black Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	3%	4%	4%	6%	7%
Proficient	15%	13%	14%	17%	19%
Needs Improvement	52%	50%	52%	50%	48%
Warning/Failing	30%	33%	30%	27%	26%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 13: MCAS Results for 4th Grade Math -- Percentage of Black Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



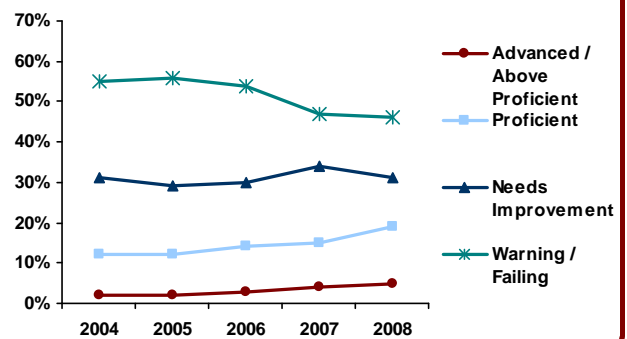
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 14: MCAS Results for 8th Grade Math – Black Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	2%	2%	3%	4%	5%
Proficient	12%	12%	14%	15%	19%
Needs Improvement	31%	29%	30%	34%	31%
Warning/Failing	55%	56%	54%	47%	46%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 14: MCAS Results for 8th Grade Math -- Percentage of Black Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



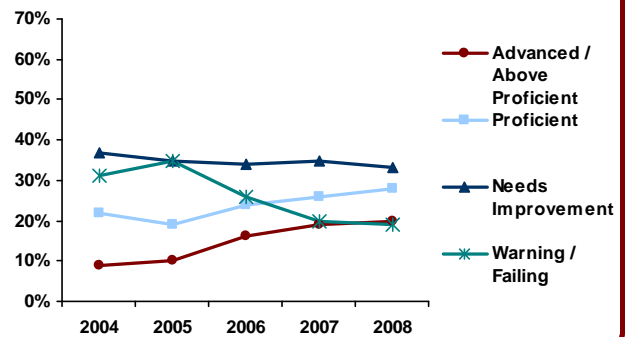
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 15: MCAS Results for 10th Grade Math – Black Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	9%	10%	16%	19%	20%
Proficient	22%	19%	24%	26%	28%
Needs Improvement	37%	35%	34%	35%	33%
Warning/Failing	31%	35%	26%	20%	19%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 15: MCAS Results for 10th Grade Math -- Percentage of Black Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



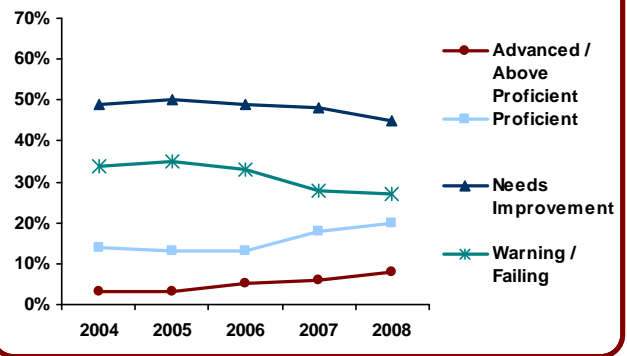
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 16: MCAS Results for 4th Grade Math - Hispanic Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	3%	3%	5%	6%	8%
Proficient	14%	13%	13%	18%	20%
Needs Improvement	49%	50%	49%	48%	45%
Warning/Failing	34%	35%	33%	28%	27%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 16: MCAS Results for 4th Grade Math -- Percentage of Hispanic Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



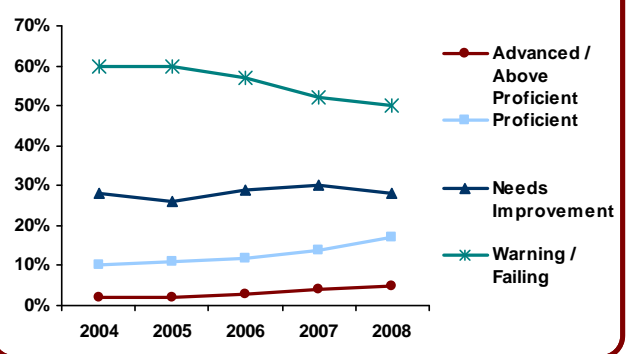
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 17: MCAS Results for 8th Grade Math - Hispanic Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	2%	2%	3%	4%	5%
Proficient	10%	11%	12%	14%	17%
Needs Improvement	28%	26%	29%	30%	28%
Warning/Failing	60%	60%	57%	52%	50%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 17: MCAS Results for 8th Grade Math -- Percentage of Hispanic Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



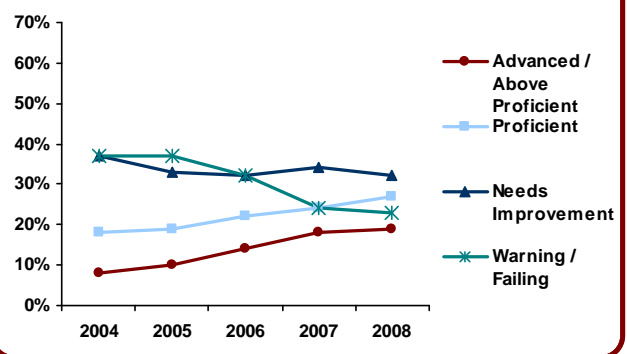
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 18: MCAS Results for 10th Grade Math - Hispanic Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	8%	10%	14%	18%	19%
Proficient	18%	19%	22%	24%	27%
Needs Improvement	37%	33%	32%	34%	32%
Warning/Failing	37%	37%	32%	24%	23%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 18: MCAS Results for 10th Grade Math -- Percentage of Hispanic Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



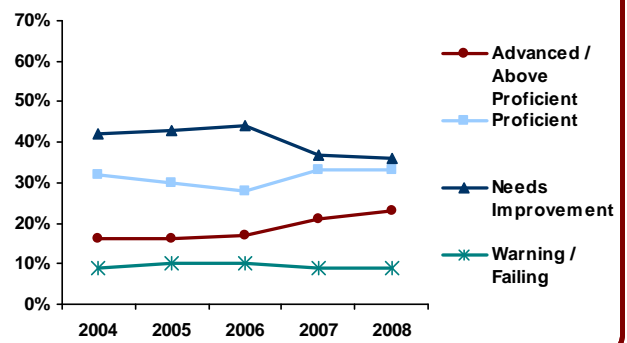
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 19: MCAS Results for 4th Grade Math – White Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	16%	16%	17%	21%	23%
Proficient	32%	30%	28%	33%	33%
Needs Improvement	42%	43%	44%	37%	36%
Warning/Failing	9%	10%	10%	9%	9%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 19: MCAS Results for 4th Grade Math -- Percentage of White Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



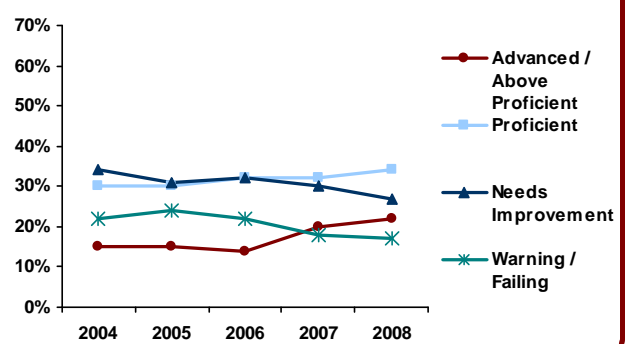
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 20: MCAS Results for 8th Grade Math – White Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	15%	15%	14%	20%	22%
Proficient	30%	30%	32%	32%	34%
Needs Improvement	34%	31%	32%	30%	27%
Warning/Failing	22%	24%	22%	18%	17%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 20: MCAS Results for 8th Grade Math -- Percentage of White Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



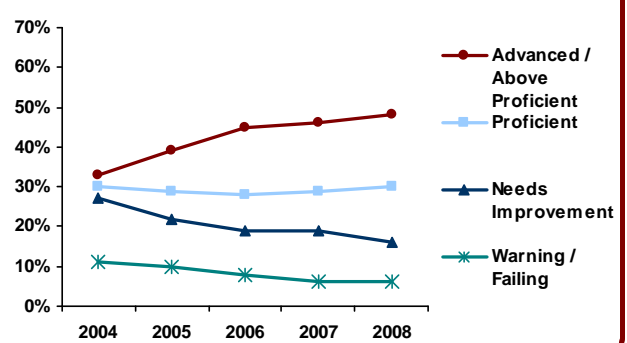
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 21: MCAS Results for 10th Grade Math – White Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	33%	39%	45%	46%	48%
Proficient	30%	29%	28%	29%	30%
Needs Improvement	27%	22%	19%	19%	16%
Warning/Failing	11%	10%	8%	6%	6%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 21: MCAS Results for 10th Grade Math -- Percentage of White Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



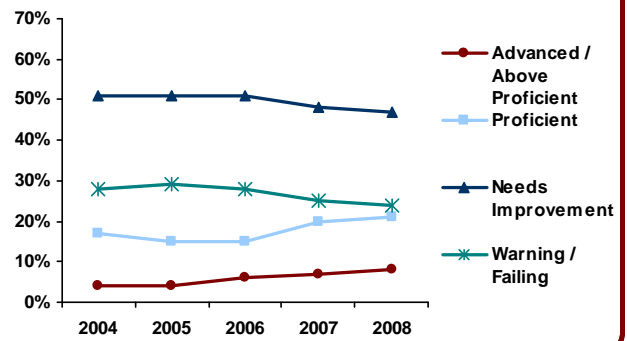
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 22: MCAS Results for 4th Grade Math – Low-Income Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	4%	4%	6%	7%	8%
Proficient	17%	15%	15%	20%	21%
Needs Improvement	51%	51%	51%	48%	47%
Warning/Failing	28%	29%	28%	25%	24%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 22: MCAS Results for 4th Grade Math -- Percentage of Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



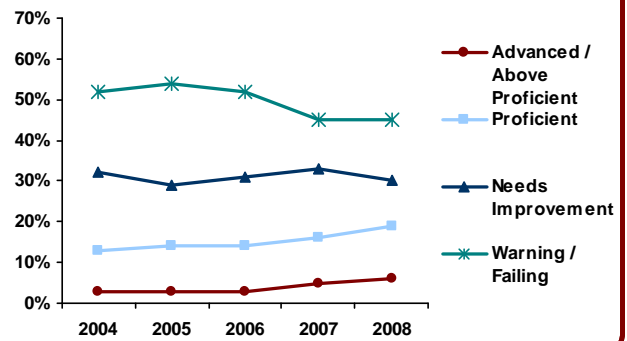
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 23: MCAS Results for 8th Grade Math – Low-Income Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	3%	3%	3%	5%	6%
Proficient	13%	14%	14%	16%	19%
Needs Improvement	32%	29%	31%	33%	30%
Warning/Failing	52%	54%	52%	45%	45%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 23: MCAS Results for 8th Grade Math -- Percentage of Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)



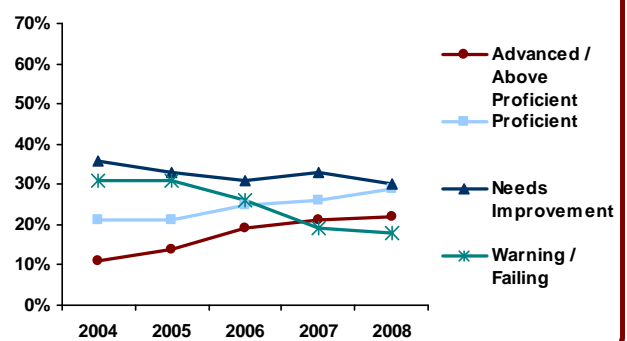
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 24: MCAS Results for 10th Grade Math – Low-Income Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	11%	14%	19%	21%	22%
Proficient	21%	21%	25%	26%	29%
Needs Improvement	36%	33%	31%	33%	30%
Warning/Failing	31%	31%	26%	19%	18%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 24: MCAS Results for 10th Grade Math -- Percentage of Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 7)

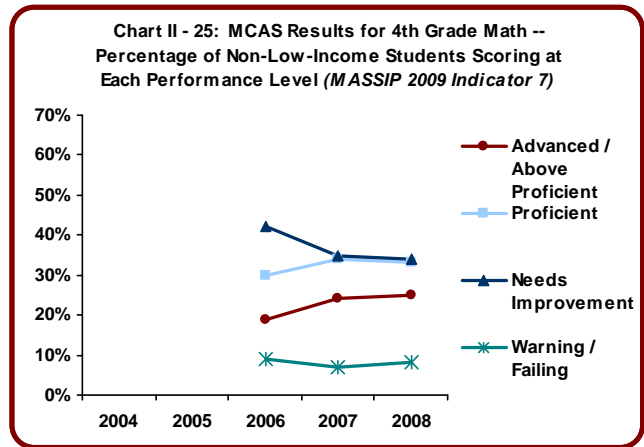


Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 25: MCAS Results for 4th Grade Math – Non-Low-Income Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	N/A		19%	24%	25%
Proficient	N/A		30%	34%	33%
Needs Improvement	N/A		42%	35%	34%
Warning/Failing	N/A		9%	7%	8%

Data Source: Massachusetts Department of Elementary and Secondary Education.

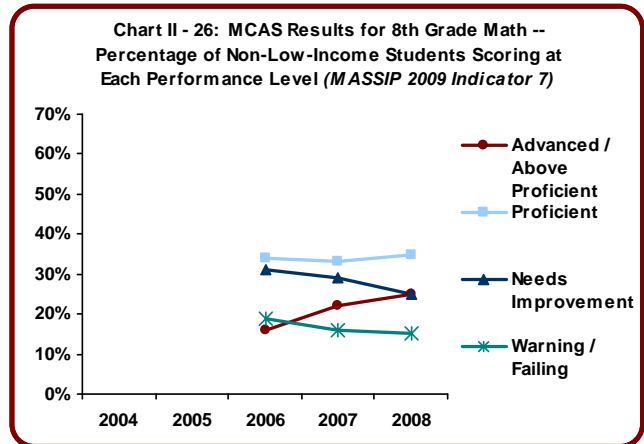


Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 26: MCAS Results for 8th Grade Math – Non-Low-Income Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	N/A		16%	22%	25%
Proficient	N/A		34%	33%	35%
Needs Improvement	N/A		31%	29%	25%
Warning/Failing	N/A		19%	16%	15%

Data Source: Massachusetts Department of Elementary and Secondary Education.

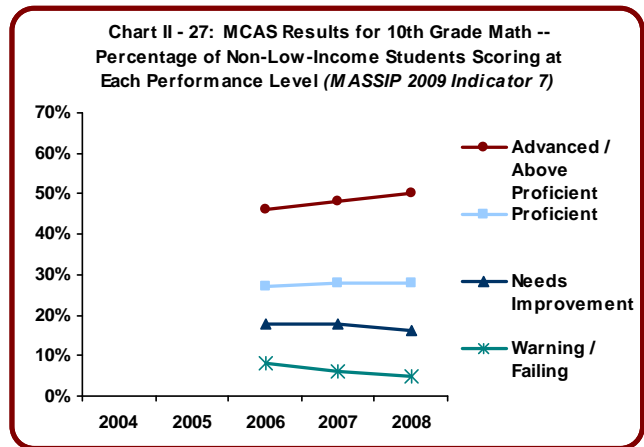


Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 27: MCAS Results for 10th Grade Math – Non-Low-Income Students (MASSIP 2009 Indicator 7)

	2004	2005	2006	2007	2008
Advanced/Proficient+	N/A		46%	48%	50%
Proficient	N/A		27%	28%	28%
Needs Improvement	N/A		18%	18%	16%
Warning/Failing	N/A		8%	6%	5%

Data Source: Massachusetts Department of Elementary and Secondary Education.



Data Source: Massachusetts Department of Elementary and Secondary Education.

Summary

4th Grade: In 2008, 49% of 4th graders scored Advanced or Proficient (compared to 48% in 2007) on the Massachusetts Comprehensive Assessment System (MCAS), 38% scored Needs Improvement (compared to 38% in 2007), and 13% scored Warning (same as in 2007). In 2008 female students performed better on the 4th grade math MCAS than male students: 51% of females and 48% of males scored Advanced or Proficient. The percentage of Asian students who scored Advanced or Proficient increased from 63% in 2007 to 66% in 2008, the percentage of Black students increased from 23% to 26%, the percentage of Hispanic students increased from 24% to 28%, and the percentage of White students increased from 54% to 56%. At the other end of the performance levels, 26% of Black and 27% of Hispanic students scored Warning compared to 7% of Asian and 9% of White students. Score differences also existed between income groups in 2008: 29% of low-income students scored Advanced or Proficient (24% scored Warning), while 58% of non-low-income students scored Advanced or Proficient (8% scored Warning).

8th Grade: In 2008, 49% of 8th graders scored Advanced or Proficient (compared to 45% in 2007), 27% scored Needs Improvement (compared to 30% in 2007), and 24% scored Warning (compared to 25% in 2007). In 2008, female students performed the same on the 8th grade math MCAS as male: 49% of both females and males scored Advanced or Proficient. The percentage of Asian students who scored Advanced or Proficient increased from 65% in 2007 to 68% in 2008, the percentage of Black students increased from 19% to 24%, the percentage of Hispanic students increased from 18% to 22%, and the percentage of White students increased from 52% to 56%. At the other end of the performance levels, 46% of Black and 50% of Hispanic students scored Warning compared to 13% of Asian and 17% of White students. Score differences also existed between income groups in 2008: 25% of low-income students scored Advanced or Proficient (45% scored Warning), while 60% of non-low-income students scored Advanced or Proficient (15% scored Warning).

10th Grade: In 2008, 72% of 10th graders scored Advanced or Proficient (compared to 69% in 2007), 19% scored Needs Improvement (compared to 22% in 2007), and 9% scored Failing (same as in 2007). In 2008, female students performed slightly lower on the 10th grade math MCAS than male: 71% of females and 72% of males scored Advanced or Proficient. The percentage of Asian students who scored Advanced or Proficient increased from 82% in 2007 to 85% in 2008, the percentage of Black students increased from 45% to 48%, the percentage of Hispanic students increased from 42% to 46%, and the percentage of White students increased from 75% to 78%. At the other end of the performance levels, 19% of Black and 23% of Hispanic students scored Failing compared to 4% of Asian and 6% of White students. Score differences also existed between income groups in 2008: 51% of low-income students scored Advanced or Proficient (18% scored Failing), while 78% of non-low-income students scored Advanced or Proficient (5% scored Failing).

Technical Notes

Massachusetts data for Indicator 7 were taken from the “MCAS Results” section (<http://www.doe.mass.edu/mcas/results.html>) of ESE’s website for the MCAS: <http://www.doe.mass.edu/mcas/>.

According to the ESE, the MCAS is “designed to meet the requirements of the Education Reform Law of 1993. This law specifies that the testing program must: test all public school students in Massachusetts, including students with disabilities and limited English proficient students; measure performance based on the Massachusetts Curriculum Framework learning standards; report on the performance of individual students, schools, and districts.”

The Massachusetts Comprehensive Assessment System (MCAS) exams were implemented in 1998 to measure how well public school students were attaining learning standards outlined in the Massachusetts Curriculum Frameworks (MCF), as required by the Education Reform Law of 1993. The



MCF defined content to be covered at each grade level, in every subject, for public schools. Testing was introduced in the 4th, 8th, and 10th grades and has expanded to include the 3rd, 5th, 6th, and 7th grades, with each subject tested at multiple grade levels. With the class of 2003, passing the English language arts and mathematics exams became required for graduation from a public high school. With the class of 2010, passing a science exam will also be required for graduation.

Mathematics testing does occur in grades other than 4th, 8th, and 10th. We focus on testing in these years because they represent key transition points within primary and secondary schooling: 4th grade as the completion of elementary school, 8th grade as the completion of middle school, and 10th grade as the completion of one requirement for high school graduation.

Achievement on MCAS exams is divided into four “performance levels”: (1) Advanced: “comprehensive and in-depth understanding of rigorous subject matter ... sophisticated solutions to complex problems”; (2) Proficient: “solid understanding of challenging subject matter ... solve a wide variety of problems”; (3) Needs Improvement: “partial understanding of subject matter ... solve some simple problems”; and (4) Warning (3rd-8th grades) or Failing (10th): “minimal understanding of subject matter ... do not solve simple problems.” “Passing” an exam is scoring Needs Improvement or higher.

Data for Indicator 7 are only reported for Massachusetts as student tests are not usually comparable across states. Parties interested in investigating state student tests for MASSIP comparison states may wish to visit the websites for each state’s department for K-12 education:

California	http://www.cde.ca.gov/index.asp
Connecticut	http://www.sde.ct.gov/sde/site/default.asp
Illinois	http://www.isbe.state.il.us/
Minnesota	http://education.state.mn.us/mde/index.html
New Jersey	http://www.state.nj.us/education/
New York	http://www.nysed.gov/
North Carolina	http://www.dpi.state.nc.us/
Pennsylvania	http://www.pde.state.pa.us/
Virginia	http://www.doe.virginia.gov/

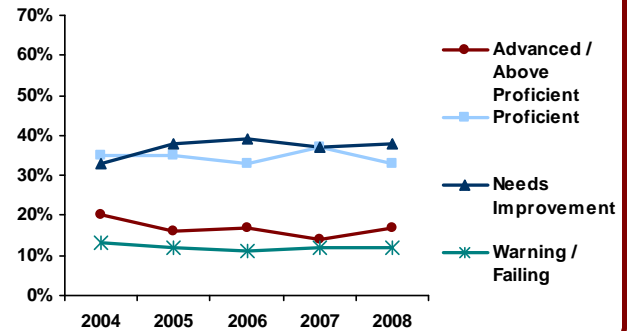
Indicator 8: Student achievement on state science exams

Table II - 28: MCAS Results for 5th Grade Science – All Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	20%	16%	17%	14%	17%
Proficient	35%	35%	33%	37%	33%
Needs Improvement	33%	38%	39%	37%	38%
Warning/Failing	13%	12%	11%	12%	12%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 28: MCAS Results for 5th Grade Science -- Percentage of All Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



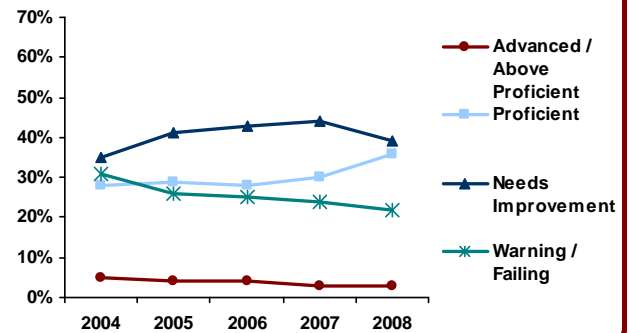
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 29: MCAS Results for 8th Grade Science – All Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	5%	4%	4%	3%	3%
Proficient	28%	29%	28%	30%	36%
Needs Improvement	35%	41%	43%	44%	39%
Warning/Failing	31%	26%	25%	24%	22%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 29: MCAS Results for 8th Grade Science -- Percentage of All Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



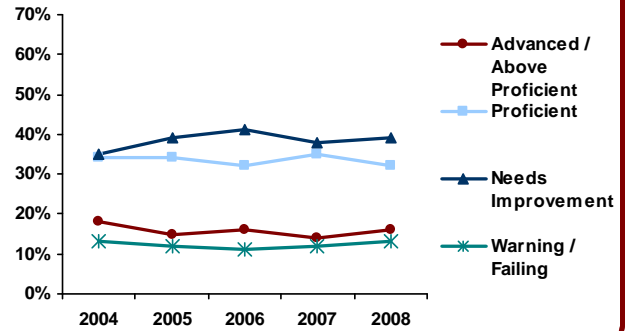
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 30: MCAS Results for 5th Grade Science - Female Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	18%	15%	16%	14%	16%
Proficient	34%	34%	32%	35%	32%
Needs Improvement	35%	39%	41%	38%	39%
Warning/Failing	13%	12%	11%	12%	13%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 30: MCAS Results for 5th Grade Science -- Percentage of Female Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



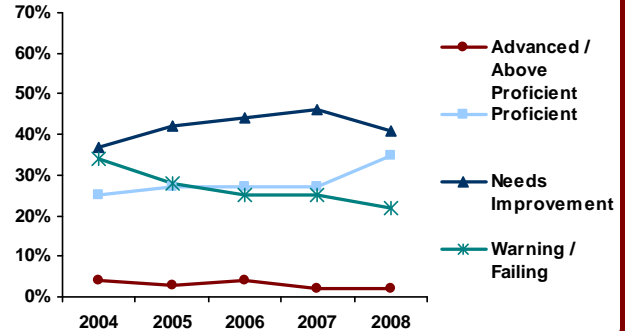
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 31: MCAS Results for 8th Grade Science - Female Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	4%	3%	4%	2%	2%
Proficient	25%	27%	27%	27%	35%
Needs Improvement	37%	42%	44%	46%	41%
Warning/Failing	34%	28%	25%	25%	22%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 31: MCAS Results for 8th Grade Science -- Percentage of Female Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



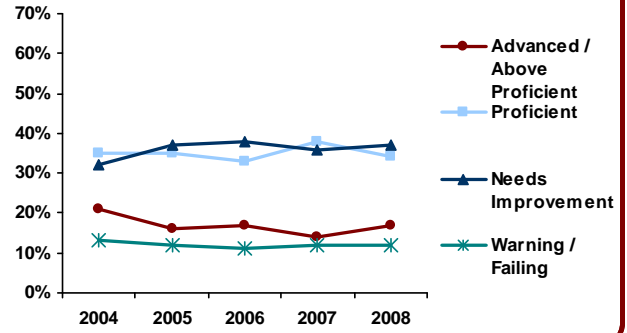
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 32: MCAS Results for 5th Grade Science - Male Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	21%	16%	17%	14%	17%
Proficient	35%	35%	33%	38%	34%
Needs Improvement	32%	37%	38%	36%	37%
Warning/Failing	13%	12%	11%	12%	12%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 32: MCAS Results for 5th Grade Science -- Percentage of Male Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



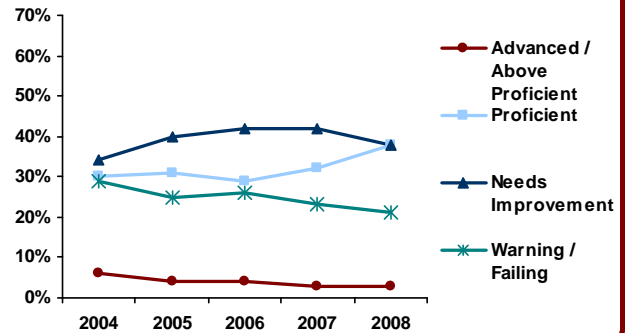
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 33: MCAS Results for 8th Grade Science - Male Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	6%	4%	4%	3%	3%
Proficient	30%	31%	29%	32%	38%
Needs Improvement	34%	40%	42%	42%	38%
Warning/Failing	29%	25%	26%	23%	21%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 33: MCAS Results for 8th Grade Science -- Percentage of Male Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



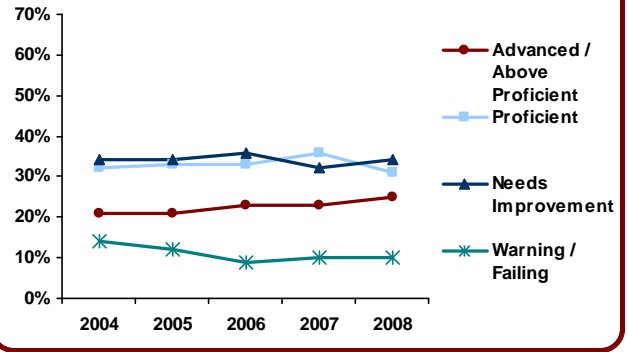
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 34: MCAS Results for 5th Grade Science - Asian Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	21%	21%	23%	23%	25%
Proficient	32%	33%	33%	36%	31%
Needs Improvement	34%	34%	36%	32%	34%
Warning/Failing	14%	12%	9%	10%	10%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 34: MCAS Results for 5th Grade Science -- Percentage of Asian Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



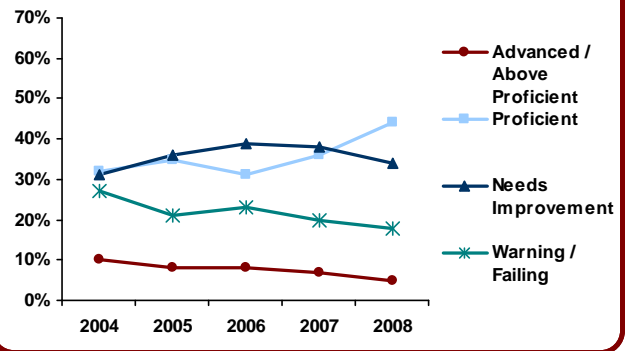
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 35: MCAS Results for 8th Grade Science - Asian Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	10%	8%	8%	7%	5%
Proficient	32%	35%	31%	36%	44%
Needs Improvement	31%	36%	39%	38%	34%
Warning/Failing	27%	21%	23%	20%	18%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 35: MCAS Results for 8th Grade Science -- Percentage of Asian Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



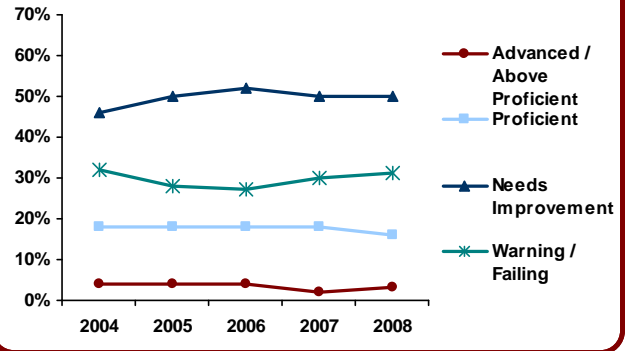
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 36: MCAS Results for 5th Grade Science - Black Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	4%	4%	4%	2%	3%
Proficient	18%	18%	18%	18%	16%
Needs Improvement	46%	50%	52%	50%	50%
Warning/Failing	32%	28%	27%	30%	31%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 36: MCAS Results for 5th Grade Science -- Percentage of Black Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



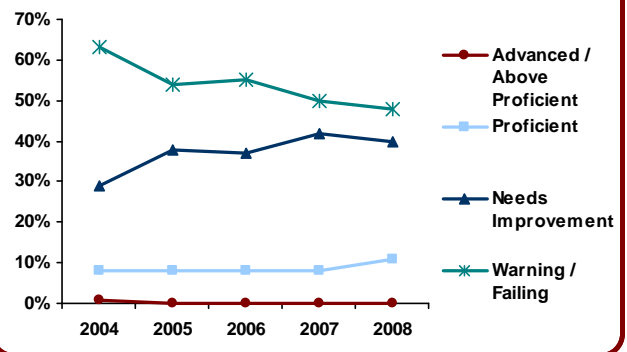
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 37: MCAS Results for 8th Grade Science - Black Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	1%	0%	0%	0%	0%
Proficient	8%	8%	8%	8%	11%
Needs Improvement	29%	38%	37%	42%	40%
Warning/Failing	63%	54%	55%	50%	48%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 37: MCAS Results for 8th Grade Science -- Percentage of Black Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



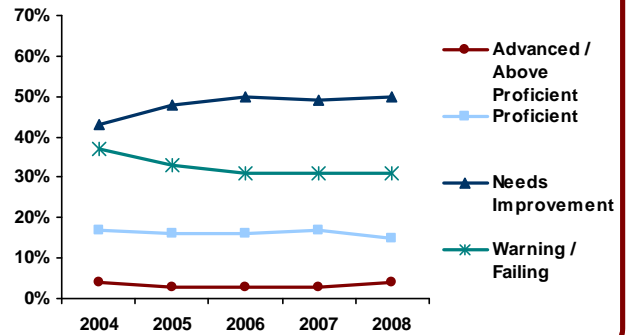
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 38: MCAS Results for 5th Grade Science - Hispanic Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	4%	3%	3%	3%	4%
Proficient	17%	16%	16%	17%	15%
Needs Improvement	43%	48%	50%	49%	50%
Warning/Failing	37%	33%	31%	31%	31%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 38: MCAS Results for 5th Grade Science -- Percentage of Hispanic Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



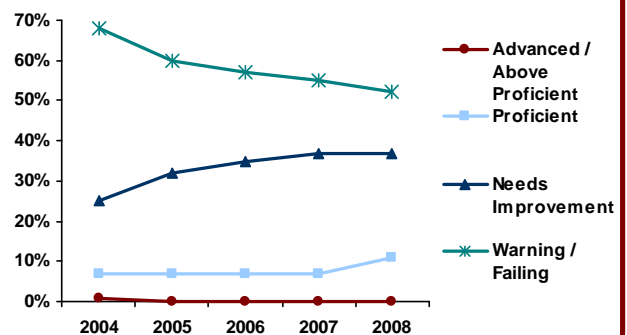
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 39: MCAS Results for 8th Grade Science - Hispanic Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	1%	0%	0%	0%	0%
Proficient	7%	7%	7%	7%	11%
Needs Improvement	25%	32%	35%	37%	37%
Warning/Failing	68%	60%	57%	55%	52%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 39: MCAS Results for 8th Grade Science -- Percentage of Hispanic Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



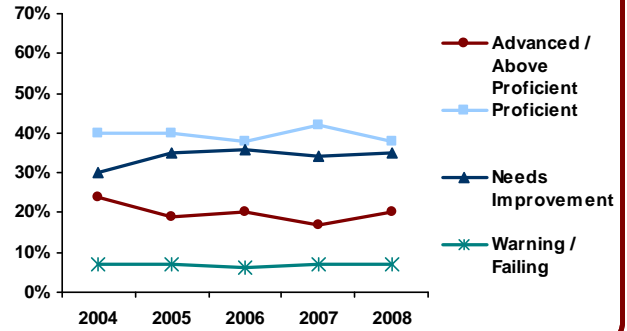
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 40: MCAS Results for 5th Grade Science - White Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	24%	19%	20%	17%	20%
Proficient	40%	40%	38%	42%	38%
Needs Improvement	30%	35%	36%	34%	35%
Warning/Failing	7%	7%	6%	7%	7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 40: MCAS Results for 5th Grade Science -- Percentage of White Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



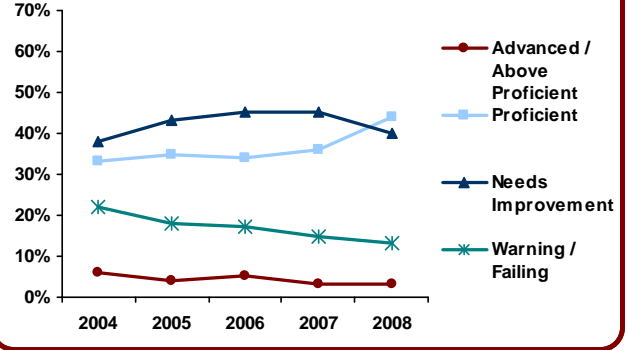
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 41: MCAS Results for 8th Grade Science - White Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	6%	4%	5%	3%	3%
Proficient	33%	35%	34%	36%	44%
Needs Improvement	38%	43%	45%	45%	40%
Warning/Failing	22%	18%	17%	15%	13%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 41: MCAS Results for 8th Grade Science -- Percentage of White Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



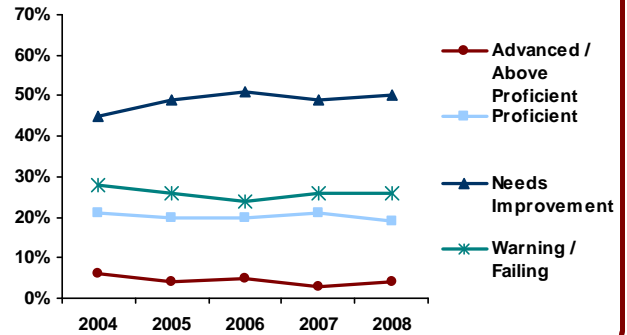
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 42: MCAS Results for 5th Grade Science - Low-Income Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	6%	4%	5%	3%	4%
Proficient	21%	20%	20%	21%	19%
Needs Improvement	45%	49%	51%	49%	50%
Warning/Failing	28%	26%	24%	26%	26%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 42: MCAS Results for 5th Grade Science -- Percentage of Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



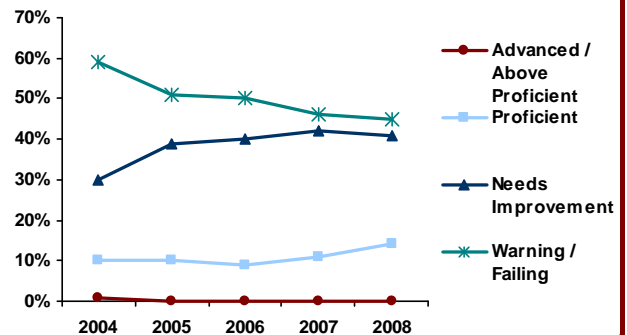
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 43: MCAS Results for 8th Grade Science - Low-Income Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	1%	0%	0%	0%	0%
Proficient	10%	10%	9%	11%	14%
Needs Improvement	30%	39%	40%	42%	41%
Warning/Failing	59%	51%	50%	46%	45%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 43: MCAS Results for 8th Grade Science -- Percentage of Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



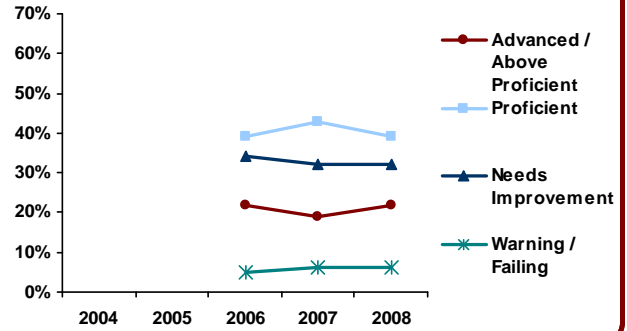
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 44: MCAS Results for 5th Grade Science - Non-Low-Income Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	N/A		22%	19%	22%
Proficient			39%	43%	39%
Needs Improvement			34%	32%	32%
Warning/Failing			5%	6%	6%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 44: MCAS Results for 5th Grade Science -- Percentage of Non-Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



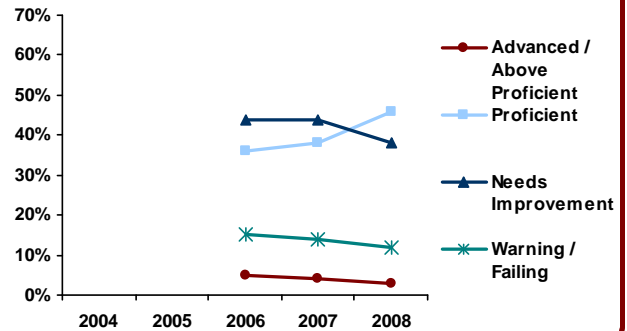
Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 45: MCAS Results for 8th Grade Science - Non-Low-Income Students (MASSIP 2009 Indicator 8)

	2004	2005	2006	2007	2008
Advanced/Proficient+	N/A		5%	4%	3%
Proficient			36%	38%	46%
Needs Improvement			44%	44%	38%
Warning/Failing			15%	14%	12%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Chart II - 45: MCAS Results for 8th Grade Science -- Percentage of Non-Low-Income Students Scoring at Each Performance Level (MASSIP 2009 Indicator 8)



Data Source: Massachusetts Department of Elementary and Secondary Education.

Table II - 46: 2008 MCAS Results for 10th Grade Science (MASSIP 2009 Indicator 8)

	Advanced/Proficient+	Proficient	Needs Improvement	Warning/Failing
All Students	14%	43%	31%	12%
Female Students	14%	43%	33%	11%
Male Students	14%	43%	30%	12%
Asian Students	29%	39%	24%	8%
Black Students	3%	25%	45%	27%
Hispanic Students	2%	22%	43%	32%
White Students	16%	49%	28%	7%
Low-Income Students	3%	28%	44%	26%
Non-Low-Income Students	18%	48%	27%	7%

Data Source: Massachusetts Department of Elementary and Secondary Education.

Summary

5th Grade: In 2008, 50% of 5th graders scored Advanced or Proficient (compared to 51% in 2007), 38% scored Needs Improvement (compared to 37% in 2007), and 12% scored Warning (same as in 2007). In 2008, female students performed less well on the 5th grade science MCAS than male students: 48% of females and 51% of males scored Advanced or Proficient. The percentage of Asian students who scored Advanced or Proficient decreased from 59% in 2007 to 56% in 2008, the percentage of Black students decreased from 20% to 19%, the percentage of Hispanic students decreased from 20% to 19%, and the percentage of White students decreased from 59% to 58%. At the other end of the performance levels, 31% of Black and 31% of Hispanic students scored Warning, compared to 10% of Asian and 7% of White students. Score differences also existed between income groups in 2008: 23% of low-income students scored Advanced or Proficient (26% scored Warning), while 61% of non-low-income students scored Advanced or Proficient (6% scored Warning).

8th Grade: In 2008, 39% of 8th graders scored Advanced or Proficient (compared to 33% in 2007), 39% scored Needs Improvement (compared to 44% in 2007), and 22% scored Warning (compared to 24% in 2007). In 2008, female students performed less well on the 8th grade science MCAS than male: 37% of females and 41% of males scored Advanced or Proficient. The percentage of Asian students who scored Advanced or Proficient increased from 43% in 2007 to 49% in 2008, the percentage of Black students increased from 8% to 11%, the percentage of Hispanic students increased from 7% to 11%, and the percentage of White students increased from 39% to 47%. At the other end of the performance levels, 48% of Black and 52% of Hispanic students scored Warning, compared to 18% of Asian and 13% of White students. Score difference also existed between income groups in 2008: 14% of low-income students scored Advanced or Proficient (45% scored Warning) while 49% of non-low-income students scored Advanced or Proficient (12% scored Warning).

10th Grade: In 2008, 57% of 10th graders scored Advanced or Proficient, 31% scored Needs Improvement, and 12% scored Failing. In 2008, female students performed the same on the 10th grade science MCAS as male students: both 57% of females and males scored Advanced or Proficient. The percentage of Asian students who scored Advanced or Proficient was 68% in 2008, the percentage of Black students was 28%, the percentage of Hispanic students was 24%, and the percentage of White students was 65%. At the other end of the performance levels, 27% of Black and 32% of Hispanic students scored Failing, compared to 8% of Asian and 7% of White students. Score difference also existed between income groups in 2008: 31% of low-income students scored Advanced or Proficient



(26% scored Failing), while 66% of non-low-income students scored Advanced or Proficient (7% scored Failing).

Technical Notes

Massachusetts data for Indicator 8 were taken from the “MCAS Results” section (<http://www.doe.mass.edu/mcas/results.html>) of ESE’s website for the MCAS: <http://www.doe.mass.edu/mcas/>. While science tests have been given in years before 2008 for the 10th grade, the tests and, consequently, their results, are not comparable. As a result, scores from these years are not presented here.

According to ESE, the MCAS is “designed to meet the requirements of the Education Reform Law of 1993. This law specifies that the testing program must: test all public school students in Massachusetts, including students with disabilities and limited English proficient students; measure performance based on the Massachusetts Curriculum Framework learning standards; report on the performance of individual students, schools, and districts.”

The MCAS exams were implemented in 1998 to measure how well public school students were attaining learning standards outlined in the Massachusetts Curriculum Frameworks (MCF), as required by the Education Reform Law of 1993. The MCF define content to be covered at each grade level, in every subject, for public schools. Testing was introduced in the 4th, 8th, and 10th grades and has expanded to include the 3rd, 5th, 6th, and 7th grades with each subject tested at multiple grade levels. With the class of 2003, passing the English language arts and Mathematics exams became required for graduation from a public high school. With the class of 2010, passing a science exam will also be required for graduation.

Achievement on MCAS exams is divided into four “performance levels”: (1) Advanced: “comprehensive and in-depth understanding of rigorous subject matter ... sophisticated solutions to complex problems”; (2) Proficient: “solid understanding of challenging subject matter ... solve a wide variety of problems”; (3) Needs Improvement: “partial understanding of subject matter ... solve some simple problems”; and (4) Warning (3rd-8th grades) or Failing (10th): “minimal understanding of subject matter ... do not solve simple problems.” “Passing” an exam is scoring Needs Improvement or higher.

Data for Indicator 8 are only reported for Massachusetts as student tests are not usually comparable across states. Parties interested in investigating state student tests for MASSIP comparison states may wish to visit the websites for each state’s department for K-12 education:

California	http://www.cde.ca.gov/index.asp
Connecticut	http://www.sde.ct.gov/sde/site/default.asp
Illinois	http://www.isbe.state.il.us/
Minnesota	http://education.state.mn.us/mde/index.html
New Jersey	http://www.state.nj.us/education/
New York	http://www.nysed.gov/
North Carolina	http://www.dpi.state.nc.us/
Pennsylvania	http://www.pde.state.pa.us/
Virginia	http://www.doe.virginia.gov/

Indicator 9: Students' mathematics scores on the National Assessment of Educational Progress

Table II - 47: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - All Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	242	234	227	241	233	242	239	236	242	236	239
2005	247	237	230	242	233	246	244	238	241	241	240
2007	247	239	230	243	237	247	249	243	242	244	244
# Change 03-07	5	5	3	2	4	5	10	7	0	8	5
% Change 03-07	2.1%	2.1%	1.3%	0.8%	1.7%	2.1%	4.2%	3.0%	0.0%	3.4%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 48: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - All Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	287	276	267	284	277	291	281	280	281	279	282
2005	292	278	269	281	278	290	284	280	282	281	284
2007	292	281	270	282	280	292	289	280	284	286	288
# Change 03-07	5	5	3	-2	3	1	8	0	3	7	6
% Change 03-07	1.7%	1.8%	1.1%	-0.7%	1.1%	0.3%	2.8%	0.0%	1.1%	2.5%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 49: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Female Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	239	233	225	238	232	240	237	235	241	234	239
2005	247	236	229	241	232	245	242	237	241	240	239
2007	247	238	229	242	235	245	247	242	241	243	242
# Change 03-07	8	5	4	4	3	5	10	7	0	9	3
% Change 03-07	3.3%	2.1%	1.8%	1.7%	1.3%	2.1%	4.2%	3.0%	0.0%	3.8%	1.3%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 50: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Female Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	284	275	266	283	276	292	281	279	282	277	280
2005	292	277	268	281	276	289	282	280	282	279	283
2007	292	279	270	283	279	292	288	280	283	283	286
# Change 03-07	8	4	4	0	3	0	7	1	1	6	6
% Change 03-07	2.8%	1.5%	1.5%	0.0%	1.1%	0.0%	2.5%	0.4%	0.4%	2.2%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 51: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Male Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	244	235	229	243	234	244	240	237	243	238	240
2005	248	238	231	244	234	247	246	240	242	241	242
2007	248	240	231	243	239	249	250	244	243	245	245
# Change 03-07	4	5	2	0	5	5	10	7	0	7	5
% Change 03-07	1.6%	2.1%	0.9%	0.0%	2.1%	2.0%	4.2%	3.0%	0.0%	2.9%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 52: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Male Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	289	277	268	285	278	289	282	281	281	280	283
2005	291	278	269	281	279	291	286	280	281	283	285
2007	291	281	270	282	282	292	290	281	285	289	289
# Change 03-07	2	4	2	-3	4	3	8	0	4	9	6
% Change 03-07	0.7%	1.4%	0.7%	-1.1%	1.4%	1.0%	2.8%	0.0%	1.4%	3.2%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 53: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Asian Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	248	246	246	249	252	229	256	250	255	N/A	255
2005	258	251	249	253	258	242	264	254	256	257	256
2007	258	254	251	255	257	239	267	260	253	259	256
# Change 03-07	10	8	5	6	5	10	11	10	-2	N/A	1
% Change 03-07	4.0%	3.3%	2.0%	2.4%	2.0%	4.4%	4.3%	4.0%	-0.8%	N/A	0.4%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 54: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Asian Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	304	289	287	296	302	284	306	290	297	N/A	297
2005	314	294	293	292	300	285	309	298	303	297	300
2007	314	296	293	307	303	283	314	302	299	314	299
# Change 03-07	10	7	6	11	1	-1	8	12	2	N/A	2
% Change 03-07	3.3%	2.4%	2.1%	3.7%	0.3%	-0.4%	2.6%	4.1%	0.7%	N/A	0.7%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 55: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Black Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	222	216	213	217	210	219	217	219	225	212	223
2005	228	220	215	219	212	219	224	222	225	219	224
2007	228	222	218	220	216	222	232	225	224	222	228
# Change 03-07	6	6	5	3	6	3	15	6	-1	10	5
% Change 03-07	2.7%	2.8%	2.3%	1.4%	2.9%	1.4%	6.9%	2.7%	-0.4%	4.7%	2.2%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 56: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Black Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	260	252	246	255	249	251	253	255	260	247	262
2005	263	254	248	249	249	251	260	259	263	250	263
2007	263	259	253	255	253	260	264	258	266	257	268
# Change 03-07	3	7	7	0	4	9	11	3	6	10	6
% Change 03-07	1.2%	2.8%	2.8%	0.0%	1.6%	3.6%	4.3%	1.2%	2.3%	4.0%	2.3%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.



Table II - 57: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Hispanic Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	222	221	216	223	218	220	224	221	235	216	230
2005	225	225	219	223	219	223	230	226	234	220	230
2007	225	227	218	223	223	229	234	230	235	229	235
# Change 03-07	3	6	2	0	5	9	10	9	0	13	5
% Change 03-07	1.4%	2.7%	0.9%	0.0%	2.3%	4.1%	4.5%	4.1%	0.0%	6.0%	2.2%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 58: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Hispanic Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	255	258	250	259	259	262	262	262	263	253	268
2005	265	261	254	254	265	263	264	262	265	267	270
2007	265	264	256	254	265	269	271	264	273	264	275
# Change 03-07	10	6	6	-5	6	7	9	2	10	11	7
% Change 03-07	3.9%	2.3%	2.4%	-1.9%	2.3%	2.7%	3.4%	0.8%	3.8%	4.3%	2.6%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 59: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - White Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	247	243	243	250	244	246	248	246	251	243	246
2005	252	246	245	250	245	251	251	247	250	247	247
2007	252	248	247	252	248	252	255	251	251	249	251
# Change 03-07	5	5	4	2	4	6	7	5	0	6	5
% Change 03-07	2.0%	2.1%	1.6%	0.8%	1.6%	2.4%	2.8%	2.0%	0.0%	2.5%	2.0%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 60: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - White Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	292	287	283	293	289	295	292	293	294	285	290
2005	297	288	284	293	289	296	295	290	292	287	293
2007	297	290	287	293	291	297	298	290	295	293	296
# Change 03-07	5	3	4	0	2	2	6	-3	1	8	6
% Change 03-07	1.7%	1.0%	1.4%	0.0%	0.7%	0.7%	2.1%	-1.0%	0.3%	2.8%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.



Table II - 61: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	226	222	216	220	216	226	221	225	229	220	225
2005	231	225	219	223	218	231	227	228	229	225	225
2007	231	227	219	222	223	232	233	233	231	227	230
# Change 03-07	5	5	3	2	7	6	12	8	2	7	5
% Change 03-07	2.2%	2.3%	1.4%	0.9%	3.2%	2.7%	5.4%	3.6%	0.9%	3.2%	2.2%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 62: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	261	258	251	260	256	271	256	262	263	257	261
2005	273	261	254	255	258	270	262	267	266	262	263
2007	273	265	257	256	262	273	266	268	268	267	268
# Change 03-07	12	7	6	-4	6	2	10	6	5	10	7
% Change 03-07	4.6%	2.7%	2.4%	-1.5%	2.3%	0.7%	3.9%	2.3%	1.9%	3.9%	2.7%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 63: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	249	244	241	250	246	248	247	247	252	246	246
2005	254	248	244	249	245	252	252	248	251	250	249
2007	254	249	243	252	249	253	255	252	252	253	250
# Change 03-07	5	5	2	2	3	5	8	5	0	7	4
% Change 03-07	2.0%	2.0%	0.8%	0.8%	1.2%	2.0%	3.2%	2.0%	0.0%	2.8%	1.6%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 64: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2003	295	287	281	292	290	297	290	293	291	288	289
2005	299	288	282	292	290	297	292	291	293	289	292
2007	299	291	283	292	292	298	297	292	296	294	295
# Change 03-07	4	4	2	0	2	1	7	-1	5	6	6
% Change 03-07	1.4%	1.4%	0.7%	0.0%	0.7%	0.3%	2.4%	-0.3%	1.7%	2.1%	2.1%

Data Source: National Center for Education Statistics: National Assessment for Educational Progress.



Massachusetts Statewide STEM Indicators Project (MASSIP) 2009

Table II - 65: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Percentage Difference Between Average Score for All Students and Average Scores for Sub-Groups in 2007 (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2007 Average Score for All Students	247	239	230	243	237	247	249	243	242	244	244
Female Students	0.0%	-0.4%	-0.4%	-0.4%	-0.9%	-0.8%	-0.8%	-0.4%	-0.4%	-0.4%	-0.8%
Male Students	0.4%	0.4%	0.4%	0.0%	0.8%	0.8%	0.4%	0.4%	0.4%	0.4%	0.4%
Asian Students	4.3%	5.9%	8.4%	4.7%	7.8%	-3.3%	6.7%	6.5%	4.3%	5.8%	4.7%
Black Students	-8.3%	-7.7%	-5.5%	-10.5%	-9.7%	-11.3%	-7.3%	-8.0%	-8.0%	-9.9%	-7.0%
Hispanic Students	-9.8%	-5.3%	-5.5%	-9.0%	-6.3%	-7.9%	-6.4%	-5.7%	-3.0%	-6.6%	-3.8%
White Students	2.0%	3.6%	6.9%	3.6%	4.4%	2.0%	2.4%	3.2%	3.6%	2.0%	2.8%
Eligible for NSLP Students	-6.9%	-5.3%	-5.0%	-9.5%	-6.3%	-6.5%	-6.9%	-4.3%	-4.8%	-7.5%	-6.1%
Not Eligible for NSLP Students	2.8%	4.0%	5.3%	3.6%	4.8%	2.4%	2.4%	3.6%	4.0%	3.6%	2.4%

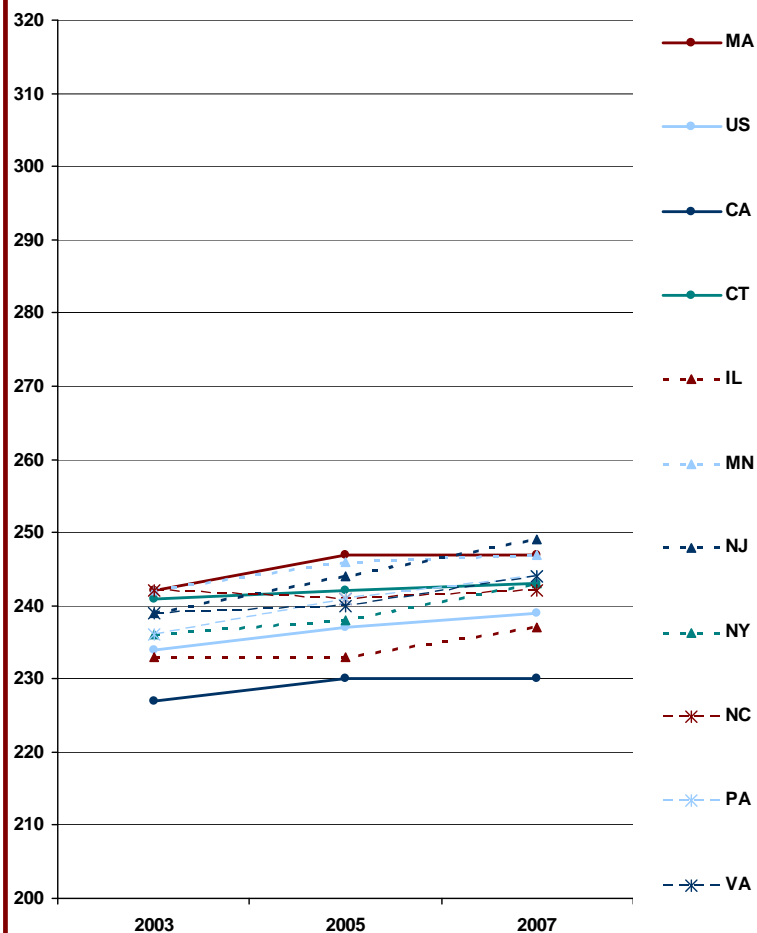
Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Table II - 66: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress - Percentage Difference Between Average Score for All Students and Average Scores for Sub-Groups in 2007 (MASSIP 2009 Indicator 9)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2007 Average Score for All Students	292	281	270	282	280	292	289	280	284	286	288
Female Students	0.0%	-0.7%	0.0%	0.4%	-0.4%	0.0%	-0.3%	0.0%	-0.4%	-1.1%	-0.7%
Male Students	-0.3%	0.0%	0.0%	0.0%	0.7%	0.0%	0.3%	0.4%	0.4%	1.0%	0.3%
Asian Students	7.0%	5.1%	7.8%	8.1%	7.6%	-3.2%	8.0%	7.3%	5.0%	8.9%	3.7%
Black Students	-11.0%	-8.5%	-6.7%	-10.6%	-10.7%	-12.3%	-9.5%	-8.5%	-6.8%	-11.3%	-7.5%
Hispanic Students	-10.2%	-6.4%	-5.5%	-11.0%	-5.7%	-8.6%	-6.6%	-6.1%	-4.0%	-8.3%	-4.7%
White Students	1.7%	3.1%	5.9%	3.8%	3.8%	1.7%	3.0%	3.4%	3.7%	2.4%	2.7%
Eligible for NSLP Students	-7.0%	-6.0%	-5.1%	-10.2%	-6.9%	-7.0%	-8.6%	-4.5%	-6.0%	-7.1%	-7.5%
Not Eligible for NSLP Students	2.3%	3.4%	4.6%	3.4%	4.1%	2.0%	2.7%	4.1%	4.1%	2.7%	2.4%

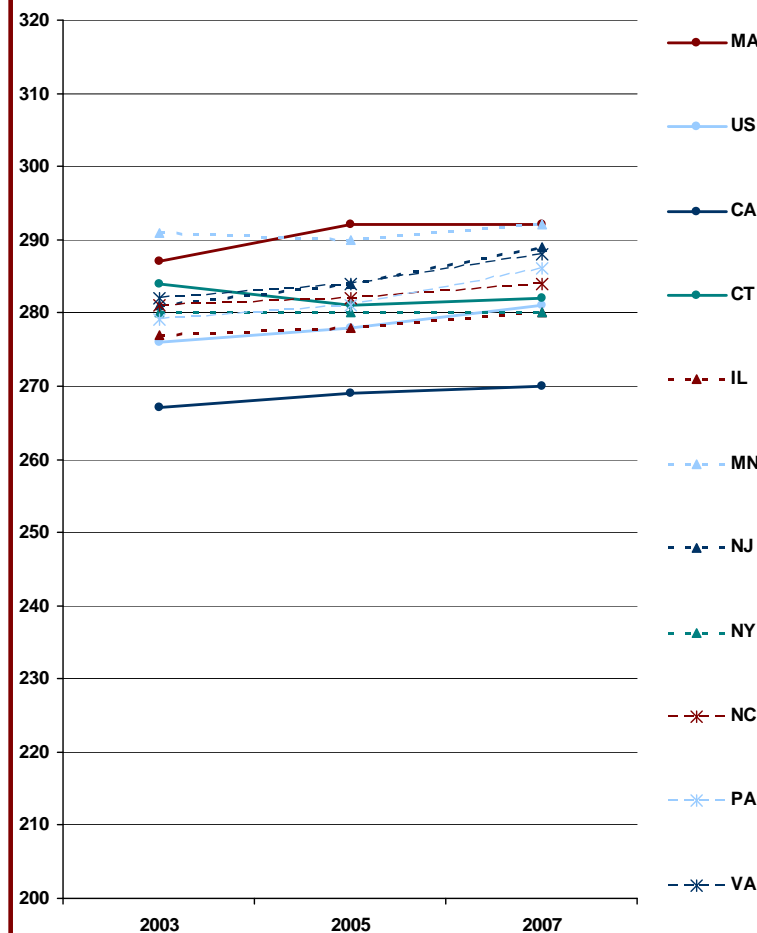
Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Chart II - 46: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress -- All Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

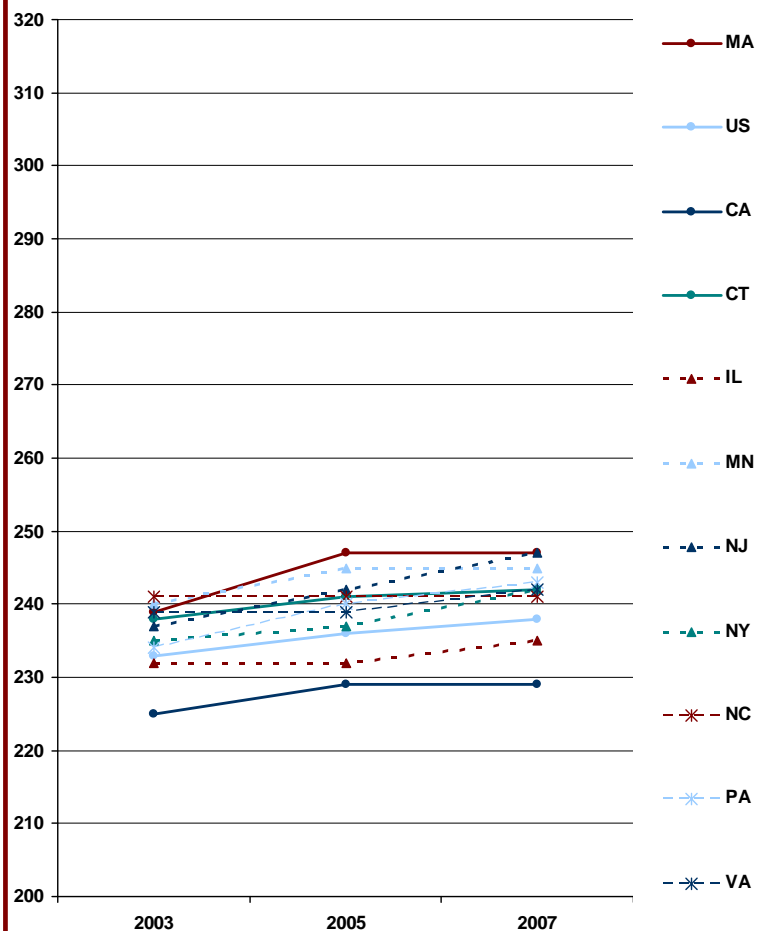
Chart II - 47: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress -- All Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

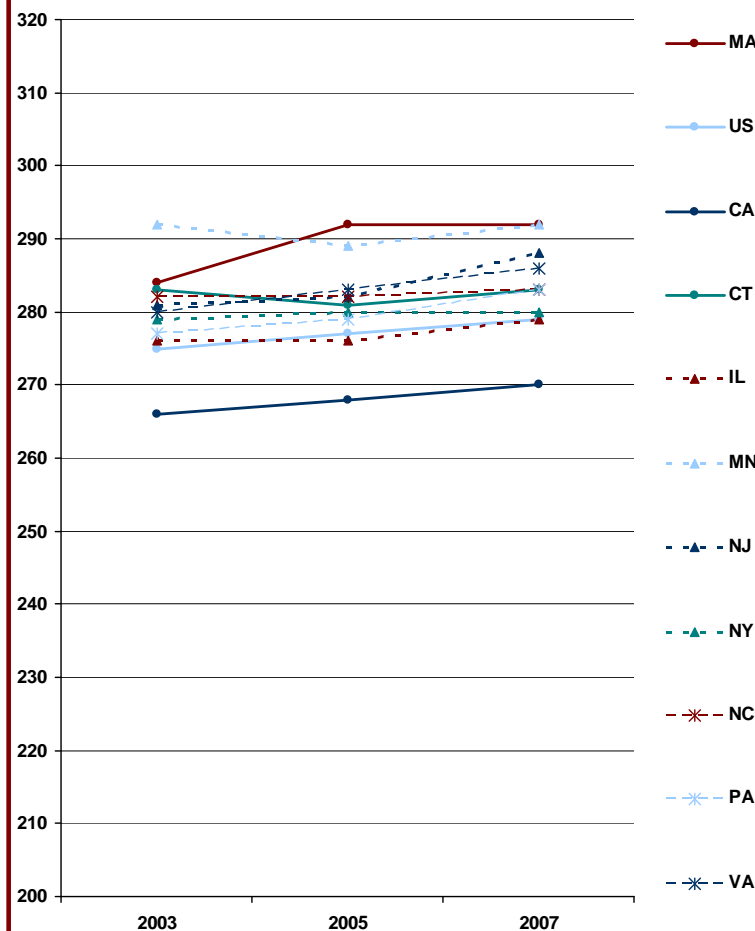


Chart II - 48: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress -- Female Students
(MASSIP 2009 Indicator 9)



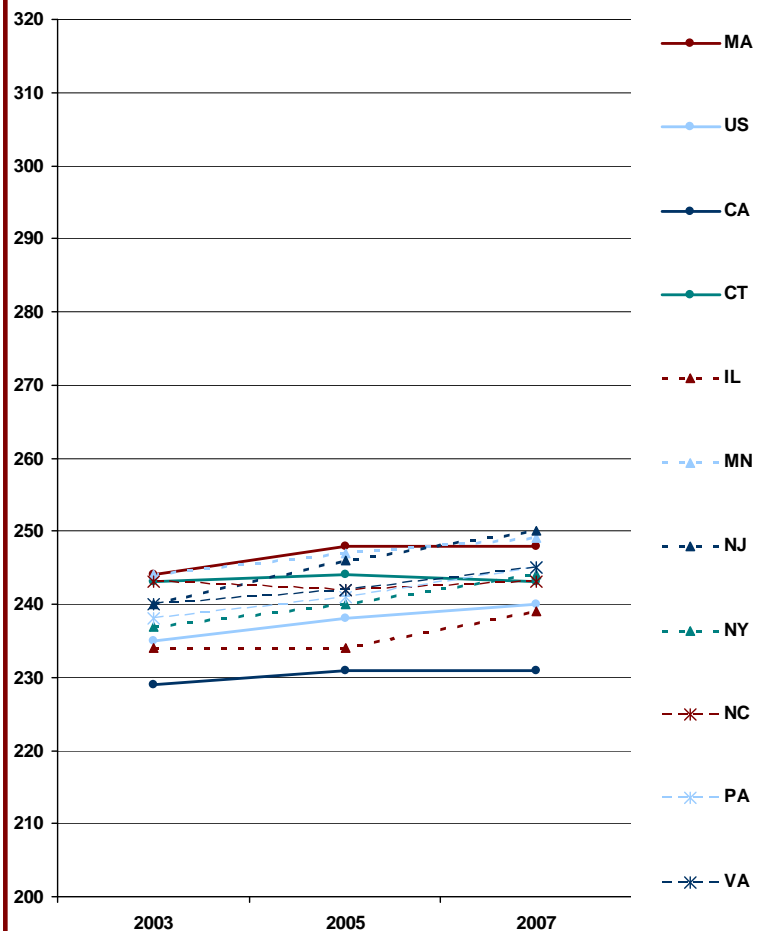
Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

Chart II - 49: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress -- Female Students
(MASSIP 2009 Indicator 9)



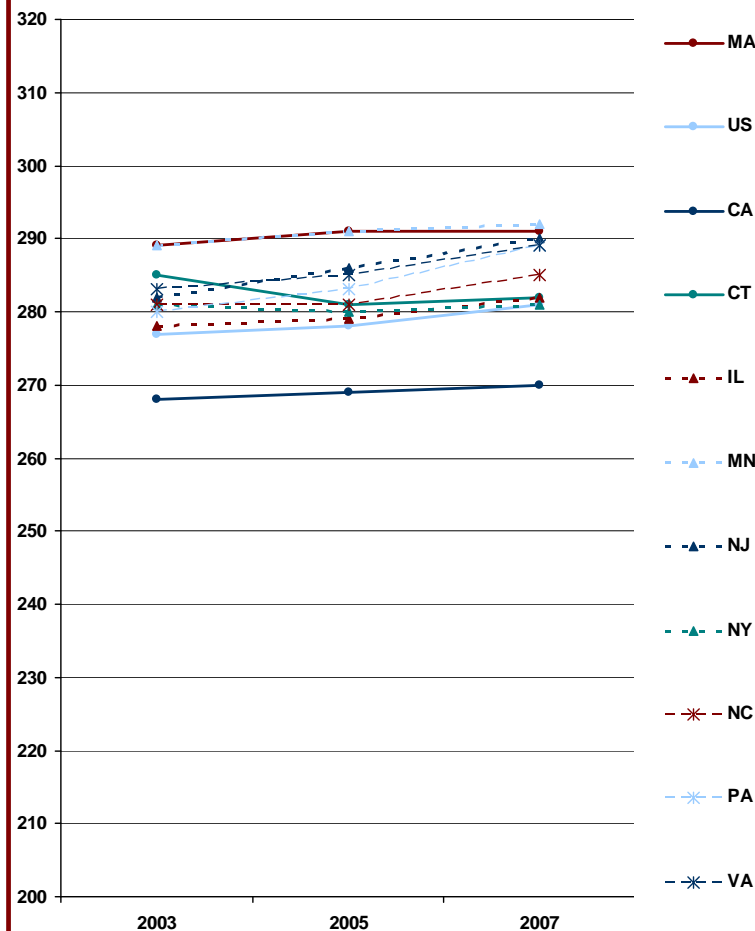
Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

Chart II - 50: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Male Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

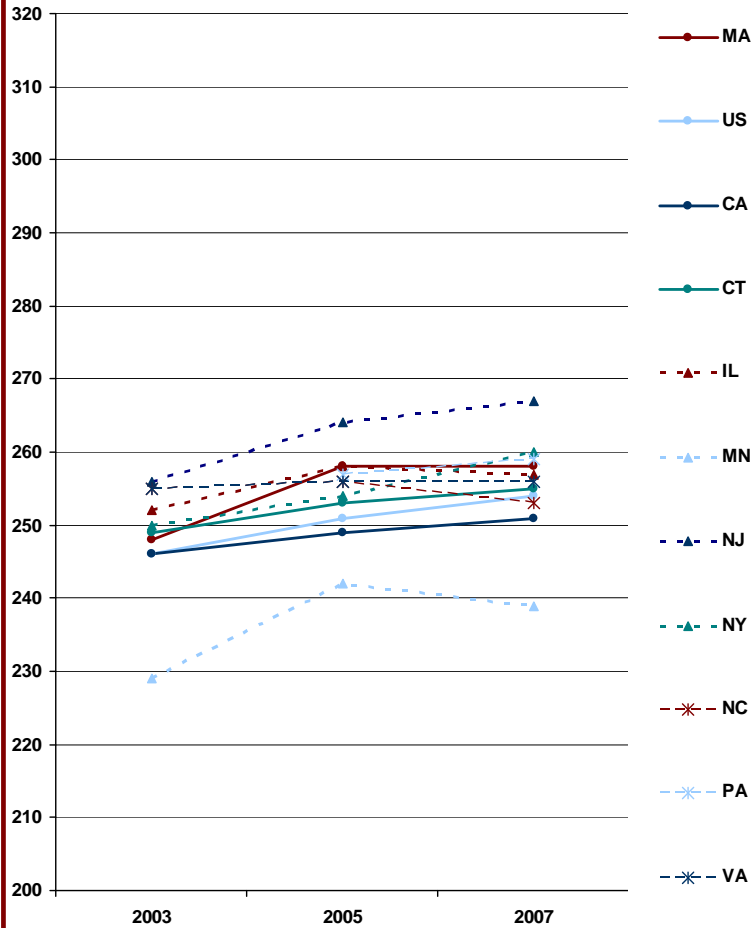
Chart II - 51: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Male Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

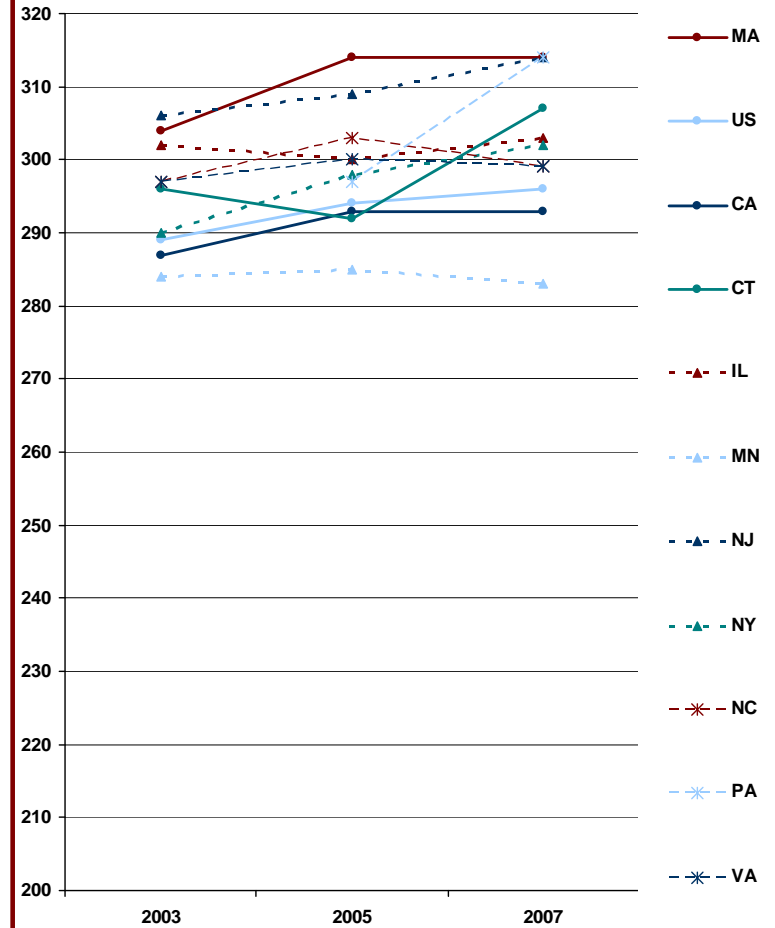


Chart II - 52: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Asian Students
(MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

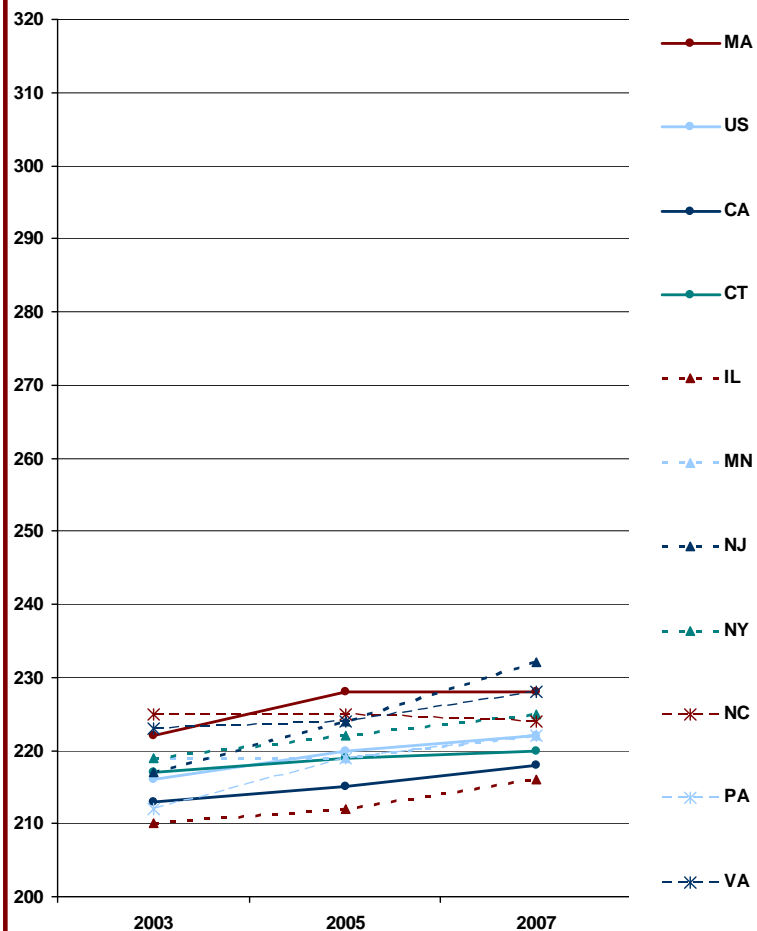
Chart II - 53: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Asian Students
(MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

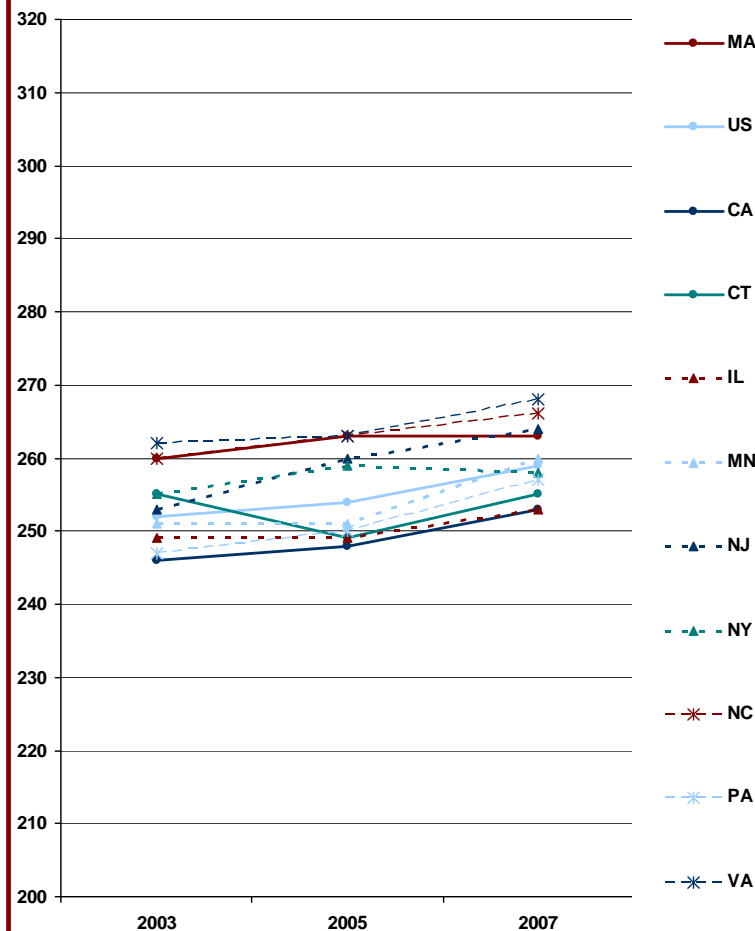


Chart II - 54: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Black Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

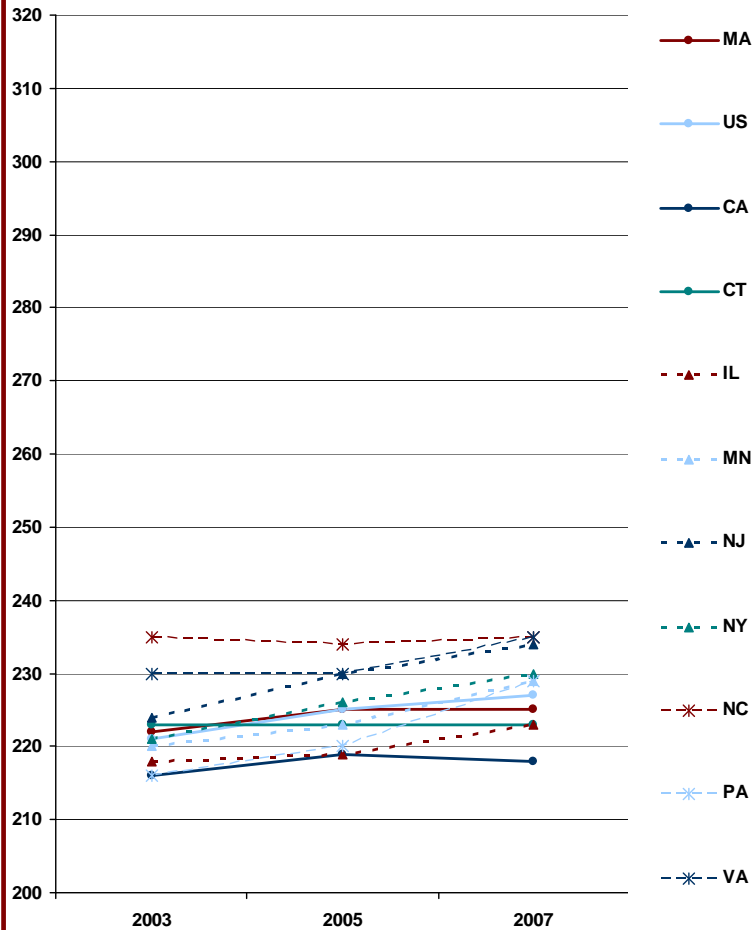
Chart II - 55: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Black Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

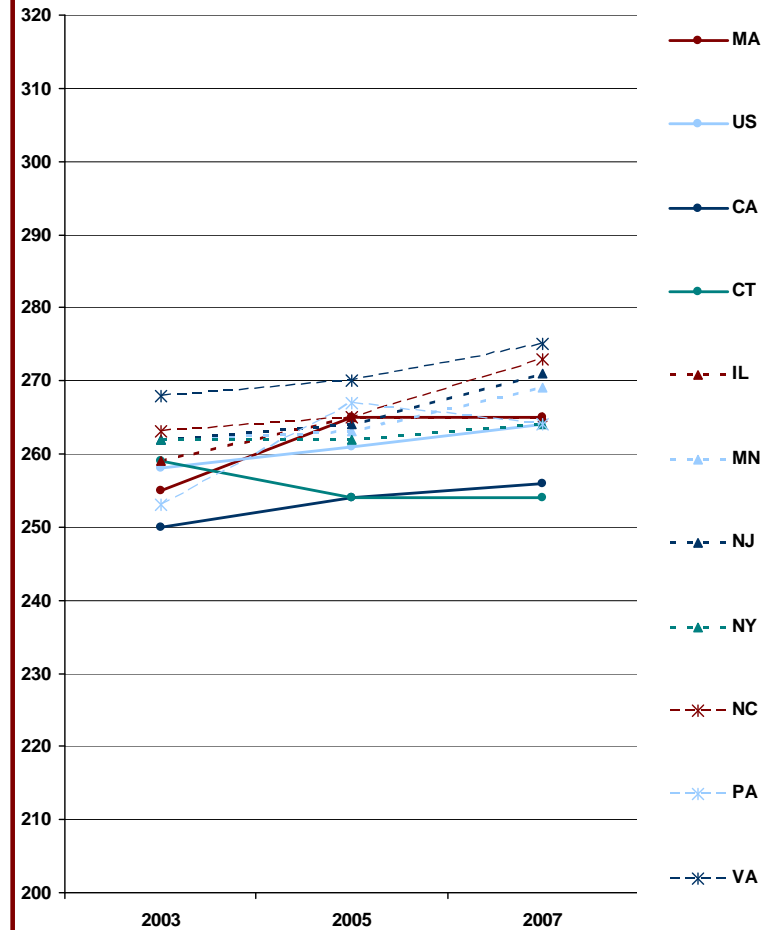


Chart II - 56: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Hispanic Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

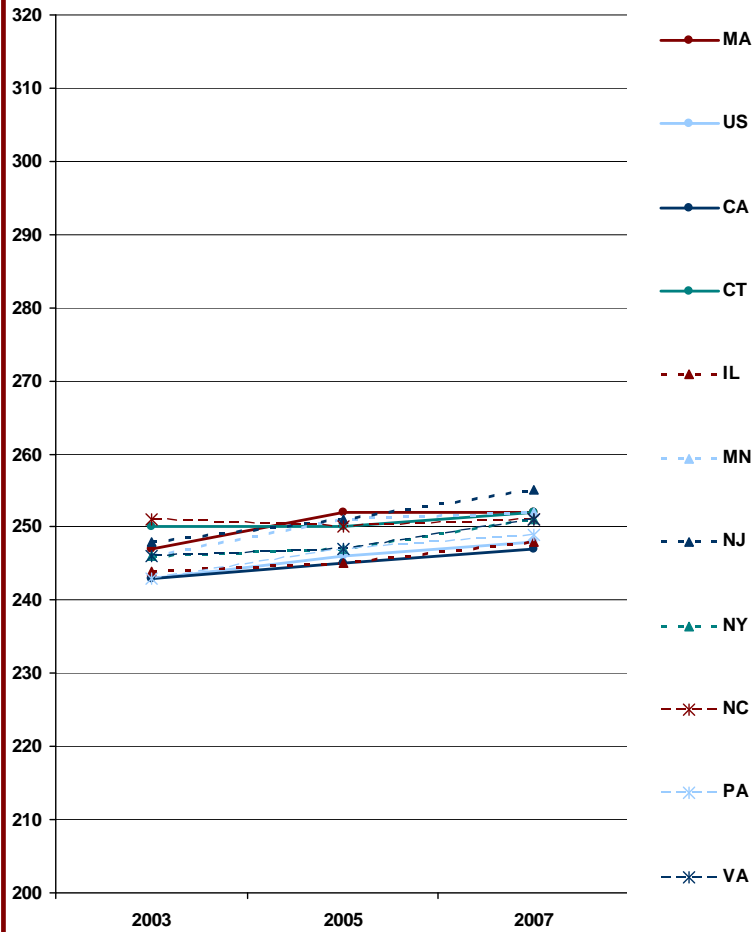
Chart II - 57: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Hispanic Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

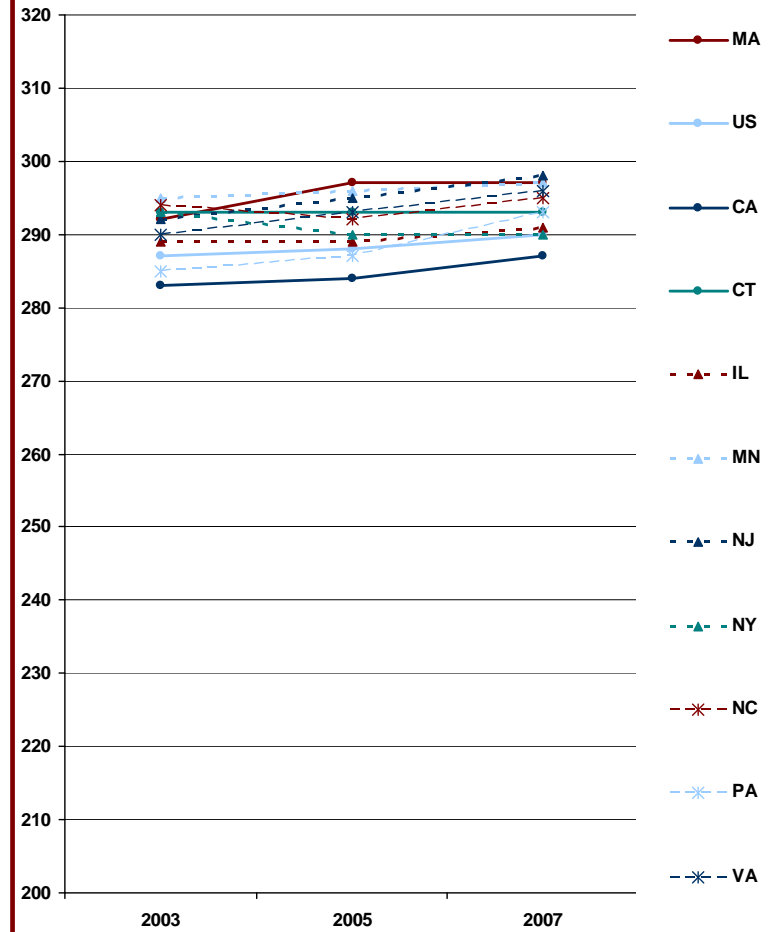


Chart II - 58: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – White Students
(MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

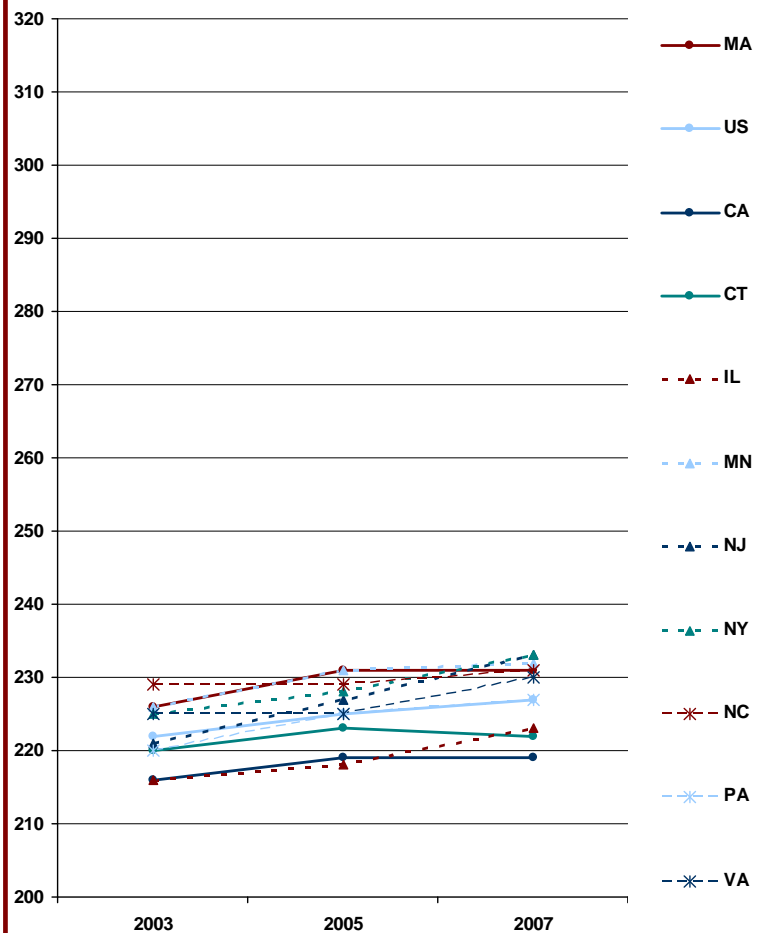
Chart II - 59: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – White Students
(MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics:
National Assessment for Educational Progress.

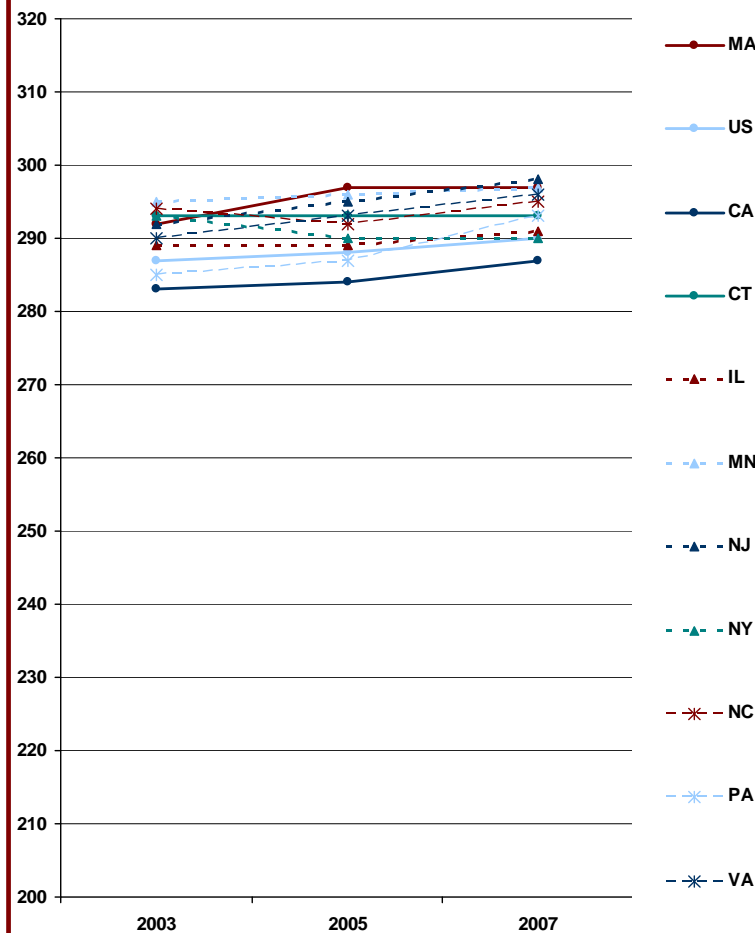


Chart II - 60: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

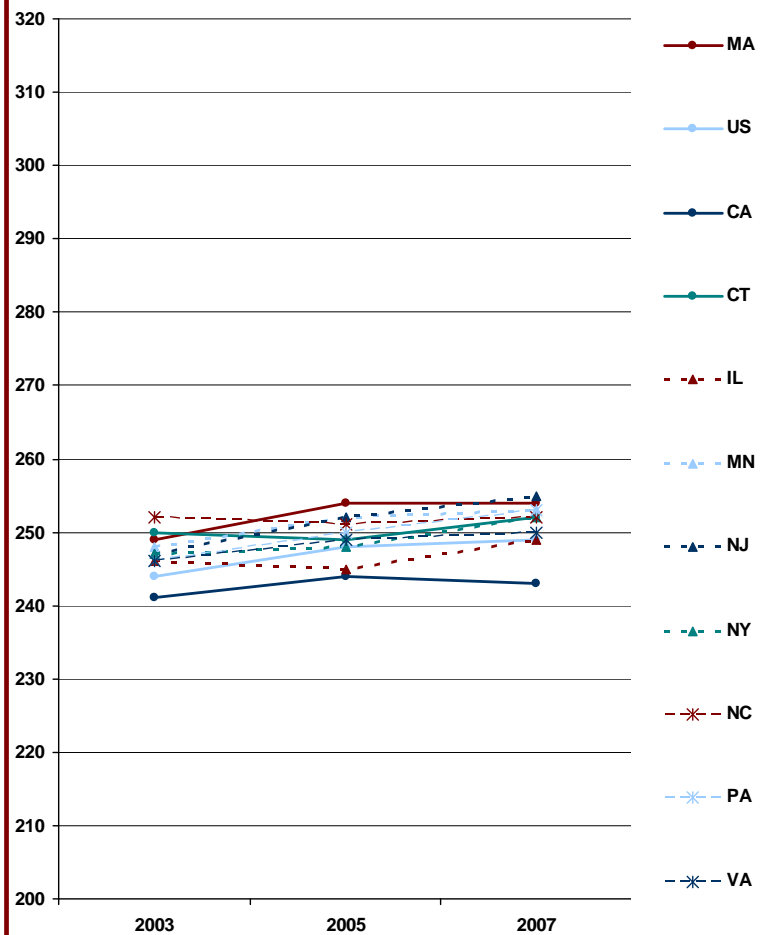
Chart II - 61: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress – Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

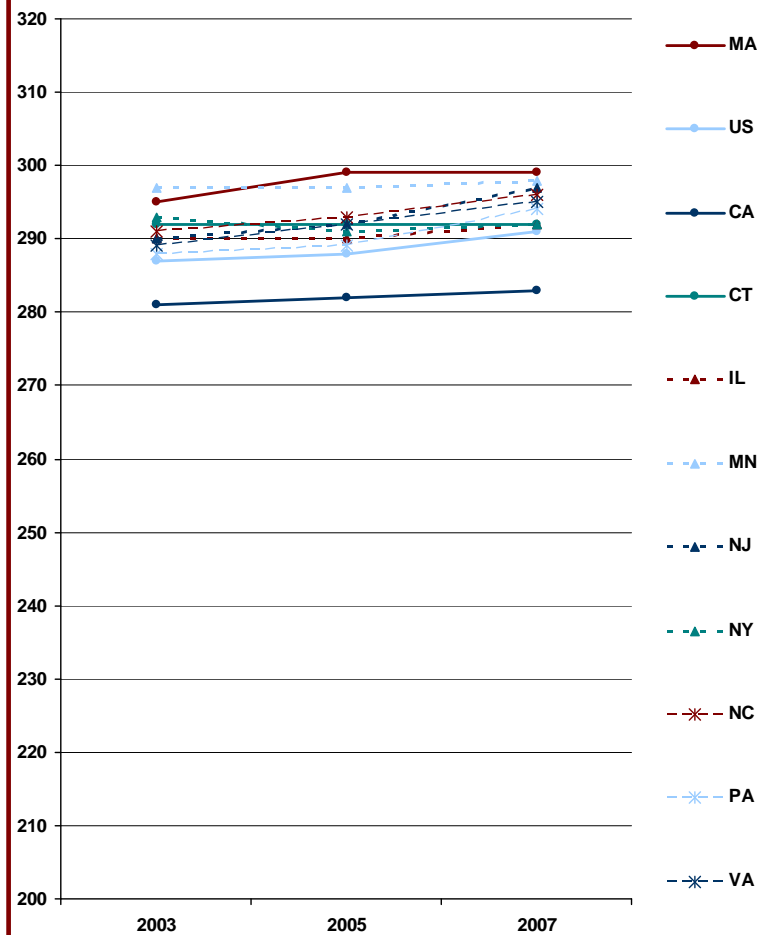


Chart II - 62: 4th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress -- Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.

Chart II - 63: 8th Grade Students' Average Mathematics Scores on the National Assessment of Educational Progress -- Not Eligible for National School Lunch Program Students (MASSIP 2009 Indicator 9)



Data Source: National Center for Education Statistics: National Assessment for Educational Progress.



Summary

4th Grade: In 2007, Massachusetts' 4th grade students scored an average of 247 on the National Assessment of Educational Progress (NAEP) mathematics test (the same as in 2005). This was higher than the national average (239) and tied for second highest among the comparison states (New Jersey had the highest average score at 249). Massachusetts' female students scored an average of 247 (the same as in 2005). This was higher than the national average (238) and tied for the highest score among the comparison states. Massachusetts' male students scored an average of 248 (the same as in 2005). This was higher than the national average (240) and third highest among the comparison states (New Jersey had the highest average score at 250). Asian and White students scored higher than the average for all students in Massachusetts, nationally, and in eight of the nine comparison states (Asian students scored lower than the average for all students in Minnesota). Black and Hispanic students scored lower than the average for all students in Massachusetts, nationally, and in all nine of the comparison states. Students who were eligible for the National School Lunch Program (NSLP) scored lower than the average for all students in Massachusetts, nationally, and in all nine of the comparison states, while students who were not eligible for the NSLP scored higher than the average for all students in Massachusetts, nationally, and in all nine of the comparison states.

8th Grade: In 2007, Massachusetts' 8th grade students scored an average of 292 on the National Assessment of Educational Progress (NAEP) mathematics test (the same as in 2005). This was higher than the national average (281) and tied for the highest among the comparison states. Massachusetts' female students scored an average of 292 (the same as in 2005). This was higher than the national average (279) and tied for the highest score among the comparison states. Massachusetts' male students scored an average of 291 (the same as in 2005). This was higher than the national average (281) and second highest among the comparison states (Minnesota had the highest average score at 292). Asian and White students scored higher than the average for all students in Massachusetts, nationally, and in eight of the nine comparison states (Asian students scored lower than the average for all students in Minnesota). Black and Hispanic students scored lower than the average for all students in Massachusetts, nationally, and in all nine of the comparison states. Students who were eligible for the National School Lunch Program (NSLP) scored lower than the average for all students in Massachusetts, nationally, and in all nine of the comparison states while students who were not eligible for the NSLP scored higher than the average for all students in Massachusetts, nationally, and in all nine of the comparison states.

Technical Notes

The NAEP tests, and their surveys about student and teacher educational issues, are administered by the National Center for Education Statistics (NCES – a division of the U.S. Department of Education) every two years in reading and mathematics, and every four years in science, to 4th, 8th, and 12th grade students. However, only data for 4th and 8th grade students is available at the state level. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for NAEP is: <http://nces.ed.gov/nationsreportcard/>. NAEP administered another round of reading, mathematics, and science tests/surveys in January, February, and March 2009, the results of which will be available in spring 2010.

The NAEP tests and surveys do not involve all schools in Massachusetts (or in other states) but are generally held to involve a representative sample of public schools in the state. The number of students who participate in the tests each year, and of their teachers who participate in the surveys, is kept confidential by the NCES. National NAEP data also includes a representative sample of private schools which is not available at the state level.



Indicator 10: Number of students taking the PSAT and their scores in mathematics

Table II - 67: Number of Juniors Taking the PSAT - All Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	45,909	1,365,512	140,373	29,086	51,429	21,041	63,758	121,386	44,065	74,520	46,064
2005	48,582	1,440,565	155,547	31,061	51,579	20,833	67,344	124,878	46,263	79,307	48,245
2006	49,787	1,467,667	163,778	31,102	50,525	21,088	69,163	127,276	48,738	78,012	51,624
2007	51,916	1,553,731	170,074	33,556	50,451	21,320	72,401	157,307	49,993	80,239	53,287
2008	51,708	1,570,570	170,747	33,245	50,696	22,417	71,736	154,060	50,141	79,073	53,182
# Change 04 - 08	5,799	205,058	30,374	4,159	-733	1,376	7,978	32,674	6,076	4,553	7,118
% Change 04 - 08	12.6%	15.0%	21.6%	14.3%	-1.4%	6.5%	12.5%	26.9%	13.8%	6.1%	15.5%

Data Source: College Board.

Table II - 68: Average PSAT Math Scores for Juniors - All Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	49.3	48.1	48.1	47.9	49.6	51.3	48.4	48.2	46.9	47.4	47.2
2005	49.6	48.8	48.9	48.4	51.2	52.5	48.7	48.3	48.1	47.2	48.1
2006	50.5	49.2	48.7	49.0	51.8	52.9	49.2	48.9	48.1	48.1	48.3
2007	50.3	48.5	48.5	48.0	51.0	52.3	48.7	46.9	47.7	48.0	47.8
2008	50.0	48.2	48.3	48.0	50.6	51.7	48.6	46.4	47.9	47.8	47.9
# Change 04 - 08	0.7	0.1	0.2	0.1	1.0	0.4	0.2	-1.8	1.0	0.4	0.7
% Change 04 - 08	1.4%	0.2%	0.4%	0.2%	2.0%	0.8%	0.4%	-3.7%	2.1%	0.8%	1.5%

Data Source: College Board.

Table II - 69: Number of Sophomores Taking the PSAT - All Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	22,564	1,025,585	93,688	17,354	11,893	4,106	43,870	55,116	45,084	52,360	41,152
2005	28,147	1,179,532	116,025	22,258	13,699	4,368	49,999	59,837	47,872	54,484	50,173
2006	31,073	1,299,546	170,026	21,580	15,679	5,320	50,773	68,710	50,695	47,757	55,675
2007	32,034	1,393,801	169,382	24,337	21,029	5,250	52,447	109,719	50,608	47,096	64,621
2008	33,457	1,423,538	174,769	24,800	20,971	4,975	53,710	106,652	53,184	47,803	63,505
# Change 04 - 08	10,893	397,953	81,081	7,446	9,078	869	9,840	51,536	8,100	-4,557	22,353
% Change 04 - 08	48.3%	38.8%	86.5%	42.9%	76.3%	21.2%	22.4%	93.5%	18.0%	-8.7%	54.3%

Data Source: College Board.

Table II - 70: Average PSAT Math Scores for Sophomores - All Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	48.2	43.9	44.9	46.9	50.2	50.7	46.3	46.0	43.9	43.8	44.3
2005	46.7	44.2	44.8	45.4	50.8	52.9	46.0	45.9	45.1	44.1	45.0
2006	46.8	44.0	42.5	45.6	49.0	52.0	46.7	45.4	45.0	46.3	44.6
2007	46.8	43.5	42.6	44.5	46.1	51.9	46.2	42.0	44.9	46.1	43.8
2008	46.2	43.1	42.2	44.3	45.9	52.4	45.8	41.6	44.6	44.5	43.6
# Change 04 - 08	-2.0	-0.8	-2.7	-2.6	-4.3	1.7	-0.5	-4.4	0.7	0.7	-0.7
% Change 04 - 08	-4.1%	-1.8%	-6.0%	-5.5%	-8.6%	3.4%	-1.1%	-9.6%	1.6%	1.6%	-1.6%

Data Source: College Board.



Table II - 71: Number of Juniors Taking the PSAT - Female Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	24,888	751,869	79,188	15,365	28,552	11,989	33,841	65,619	24,013	41,103	24,695
2005	26,192	788,065	87,026	16,300	28,539	11,814	35,551	67,275	25,189	43,009	25,621
2006	26,553	799,091	90,515	16,298	27,902	12,130	36,347	68,303	26,504	42,142	27,388
2007	27,385	840,027	93,703	17,153	28,046	11,894	37,959	82,859	26,915	43,531	28,106
2008	27,052	842,844	93,360	16,931	27,934	12,275	37,408	80,841	26,879	42,797	27,728
# Change 04 - 08	2,164	90,975	14,172	1,566	-618	286	3,567	15,222	2,866	1,694	3,033
% Change 04 - 08	8.7%	12.1%	17.9%	10.2%	-2.2%	2.4%	10.5%	23.2%	11.9%	4.1%	12.3%

Data Source: College Board.

Table II - 72: Average PSAT Math Scores for Juniors - Female Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	47.6	46.7	46.4	46.6	48.0	49.6	46.8	46.8	46.0	45.8	46.1
2005	48.1	47.5	47.4	47.2	49.8	50.9	47.4	47.1	47.4	45.9	47.1
2006	49.0	48.1	47.5	47.8	50.5	51.4	47.9	47.6	47.5	46.8	47.3
2007	48.9	47.4	47.3	46.9	49.6	50.6	47.4	46.0	47.0	46.6	46.9
2008	48.7	47.0	46.9	46.8	49.1	50.2	47.2	45.3	47.0	46.3	46.8
# Change 04 - 08	1.1	0.3	0.5	0.2	1.1	0.6	0.4	-1.5	1.0	0.5	0.7
% Change 04 - 08	2.3%	0.6%	1.1%	0.4%	2.3%	1.2%	0.9%	-3.2%	2.2%	1.1%	1.5%

Data Source: College Board.

Table II - 73: Number of Sophomores Taking the PSAT - Female Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	12,416	552,849	53,543	9,292	6,978	2,397	23,229	29,876	24,189	28,322	21,457
2005	15,046	628,917	64,420	11,788	7,922	2,591	26,313	32,227	25,786	29,244	26,056
2006	16,489	687,336	90,757	11,308	9,051	3,074	26,720	36,903	26,815	25,912	28,752
2007	16,839	730,012	90,480	12,430	11,823	3,045	27,376	57,351	26,766	25,225	32,845
2008	17,615	741,185	92,500	12,412	11,738	2,842	27,707	55,378	28,010	25,523	32,177
# Change 04 - 08	5,199	188,336	38,957	3,120	4,760	445	4,478	25,502	3,821	-2,799	10,720
% Change 04 - 08	41.9%	34.1%	72.8%	33.6%	68.2%	18.6%	19.3%	85.4%	15.8%	-9.9%	50.0%

Data Source: College Board.

Table II - 74: Average PSAT Math Scores for Sophomores - Female Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	46.9	43.1	43.8	45.9	48.6	49.6	45.0	44.8	43.4	42.8	43.6
2005	45.8	43.5	44.0	44.5	49.5	51.4	44.9	45.0	44.6	43.3	44.2
2006	46.0	43.5	42.1	44.7	48.0	50.7	45.7	44.7	44.7	45.3	44.1
2007	46.0	42.9	42.1	44.0	45.2	50.5	45.2	41.5	44.5	45.1	43.2
2008	45.3	42.4	41.5	43.4	44.9	51.0	44.7	41.0	44.1	45.5	42.8
# Change 04 - 08	-1.6	-0.7	-2.3	-2.5	-3.7	1.4	-0.3	-3.8	0.7	2.7	-0.8
% Change 04 - 08	-3.4%	-1.6%	-5.3%	-5.4%	-7.6%	2.8%	-0.7%	-8.5%	1.6%	6.3%	-1.8%

Data Source: College Board.



Table II - 75: Number of Juniors Taking the PSAT - Male Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	20,971	612,334	61,030	13,679	22,831	9,035	29,872	55,622	20,028	33,356	21,316
2005	22,331	650,999	68,326	14,723	22,999	9,009	31,748	57,428	21,038	36,214	22,569
2006	23,140	665,841	72,956	14,668	22,562	8,937	32,709	58,602	22,155	35,740	24,120
2007	24,411	710,989	76,076	16,341	22,327	9,413	34,357	73,910	23,018	36,600	25,052
2008	24,535	724,219	77,005	16,127	22,688	10,099	34,169	72,636	23,181	36,143	25,323
# Change 04 - 08	3,564	111,885	15,975	2,448	-143	1,064	4,297	17,014	3,153	2,787	4,007
% Change 04 - 08	17.0%	18.3%	26.2%	17.9%	-0.6%	11.8%	14.4%	30.6%	15.7%	8.4%	18.8%

Data Source: College Board.

Table II - 76: Average PSAT Math Scores for Juniors - Male Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	51.4	49.9	50.3	49.4	51.6	53.4	50.2	49.8	48.0	49.4	48.6
2005	51.3	50.4	50.8	49.6	53.0	54.6	50.3	49.8	49.1	48.7	49.4
2006	52.2	50.6	50.3	50.2	53.3	54.9	50.7	50.3	48.8	49.7	49.4
2007	51.8	49.9	50.1	49.2	52.8	54.5	50.2	48.1	48.6	49.6	48.7
2008	51.6	49.7	50.0	49.2	52.4	53.5	50.2	47.6	49.0	49.5	49.1
# Change 04 - 08	0.2	-0.2	-0.3	-0.2	0.8	0.1	0.0	-2.2	1.0	0.1	0.5
% Change 04 - 08	0.4%	-0.4%	-0.6%	-0.4%	1.6%	0.2%	0.0%	-4.4%	2.1%	0.2%	1.0%

Data Source: College Board.

Table II - 77: Number of Sophomores Taking the PSAT - Male Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	10,119	471,022	40,013	8,033	4,908	1,702	20,592	25,166	20,847	23,947	19,638
2005	13,061	548,283	51,378	10,360	5,763	1,776	23,614	27,510	22,045	25,159	24,032
2006	14,511	608,365	78,670	10,195	6,601	2,242	23,974	31,564	23,764	21,731	26,758
2007	15,114	659,909	78,407	11,828	9,141	2,196	24,996	51,856	23,765	21,796	31,560
2008	15,749	677,094	81,598	11,989	9,195	2,129	25,888	50,684	25,080	22,182	31,106
# Change 04 - 08	5,630	206,072	41,585	3,956	4,287	427	5,296	25,518	4,233	-1,765	11,468
% Change 04 - 08	55.6%	43.7%	103.9%	49.2%	87.3%	25.1%	25.7%	101.4%	20.3%	-7.4%	58.4%

Data Source: College Board.

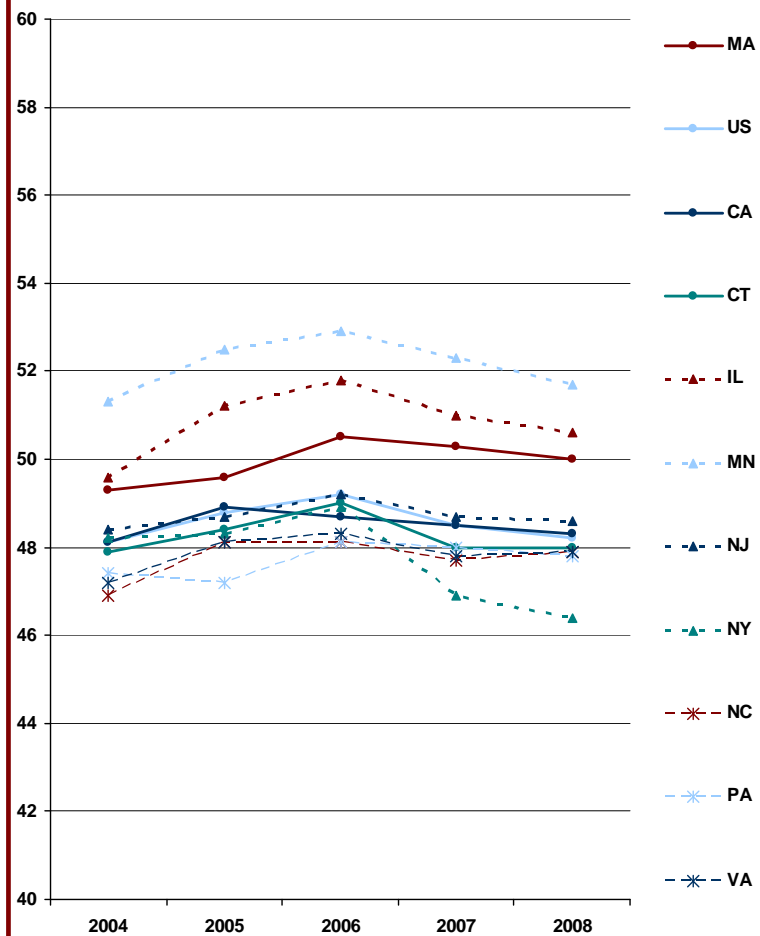
Table II - 78: Average PSAT Math Scores for Sophomores - Male Test-Takers (MASSIP 2009 Indicator 10)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	49.9	44.9	46.5	48.1	52.4	52.3	47.7	47.3	44.6	45.0	45.0
2005	47.8	45.0	45.9	46.4	52.5	55.1	47.4	47.0	45.7	45.0	45.8
2006	47.9	44.6	42.9	46.6	50.4	53.9	47.8	46.2	45.3	47.5	45.1
2007	47.6	44.1	43.2	45.1	47.3	53.8	47.3	42.7	45.4	47.3	44.4
2008	47.3	43.9	43.1	45.2	47.2	54.4	47.0	42.4	45.1	47.2	44.5
# Change 04 - 08	-2.6	-1.0	-3.4	-2.9	-5.2	2.1	-0.7	-4.9	0.5	2.2	-0.5
% Change 04 - 08	-5.2%	-2.2%	-7.3%	-6.0%	-9.9%	4.0%	-1.5%	-10.4%	1.1%	4.9%	-1.1%

Data Source: College Board.

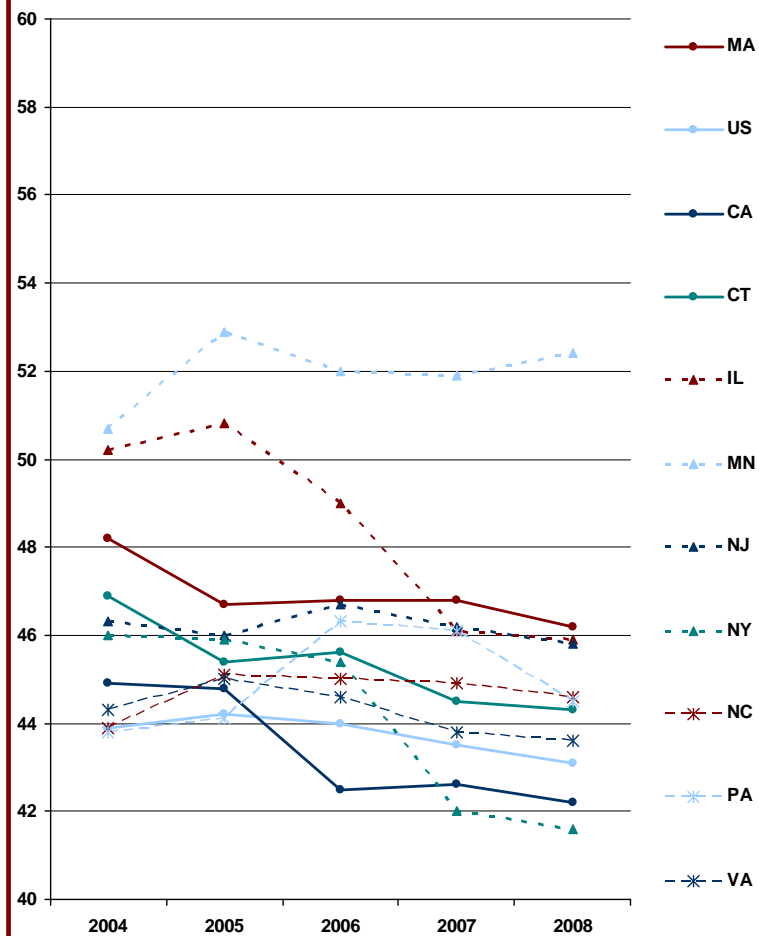


Chart II - 64: Average PSAT Math Scores for Juniors -- All Test-Takers
(MASSIP 2009 Indicator 10)



Data Source: College Board.

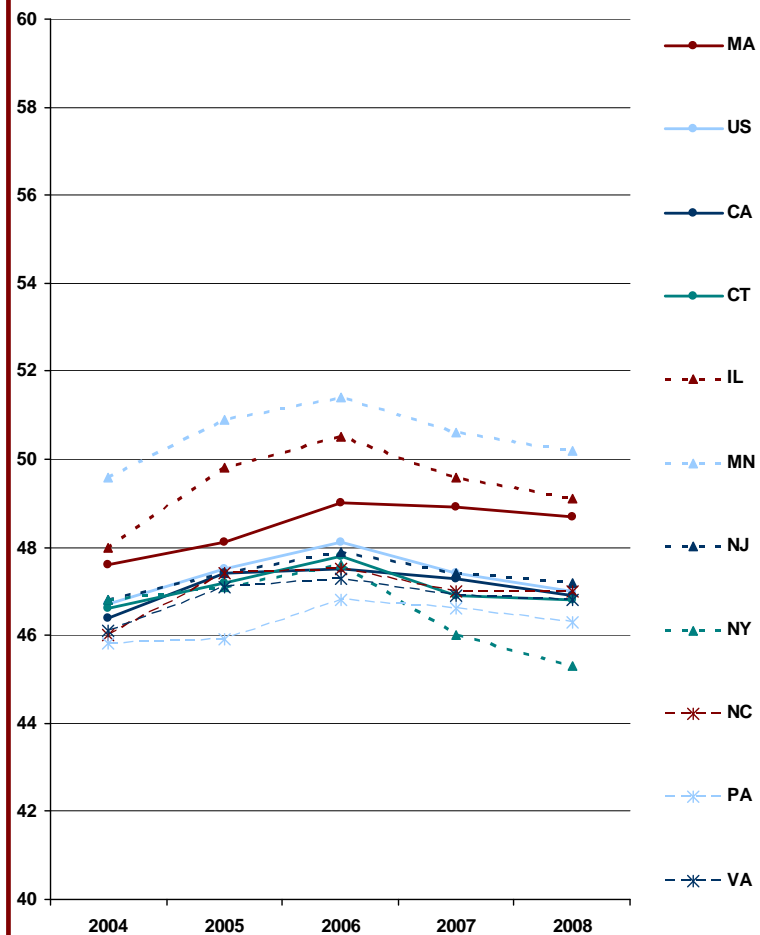
Chart II - 65: Average PSAT Math Scores for Sophomores -- All Test-Takers
(MASSIP 2009 Indicator 10)



Data Source: College Board.

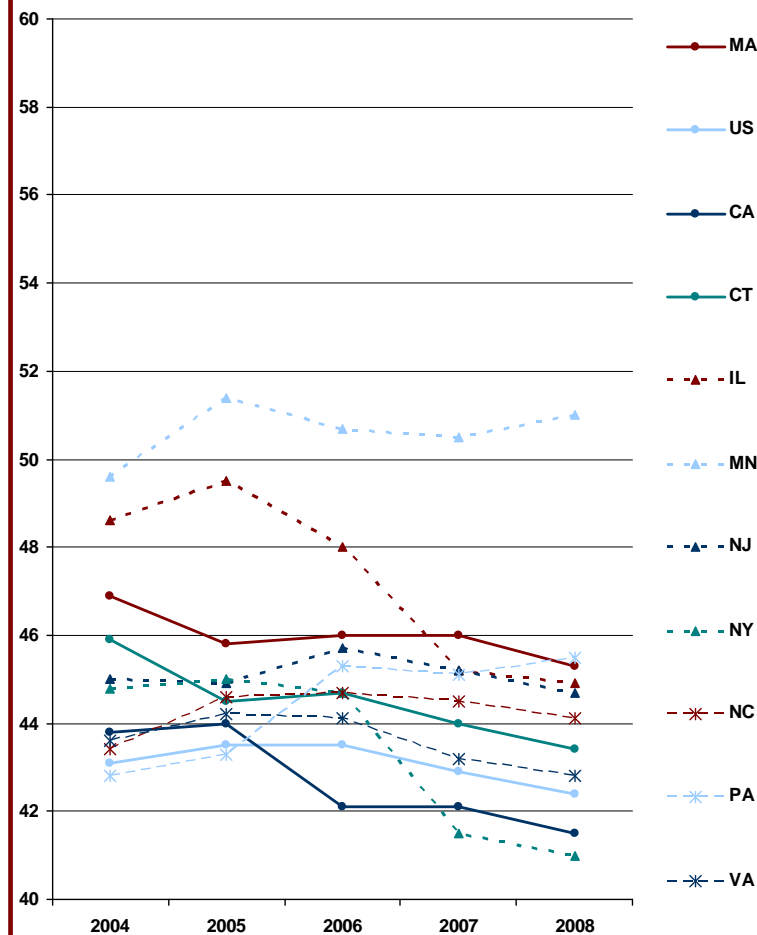


Chart II - 66: Average PSAT Math Scores for Juniors -- Female Test-Takers (MASSIP 2009 Indicator 10)



Data Source: College Board.

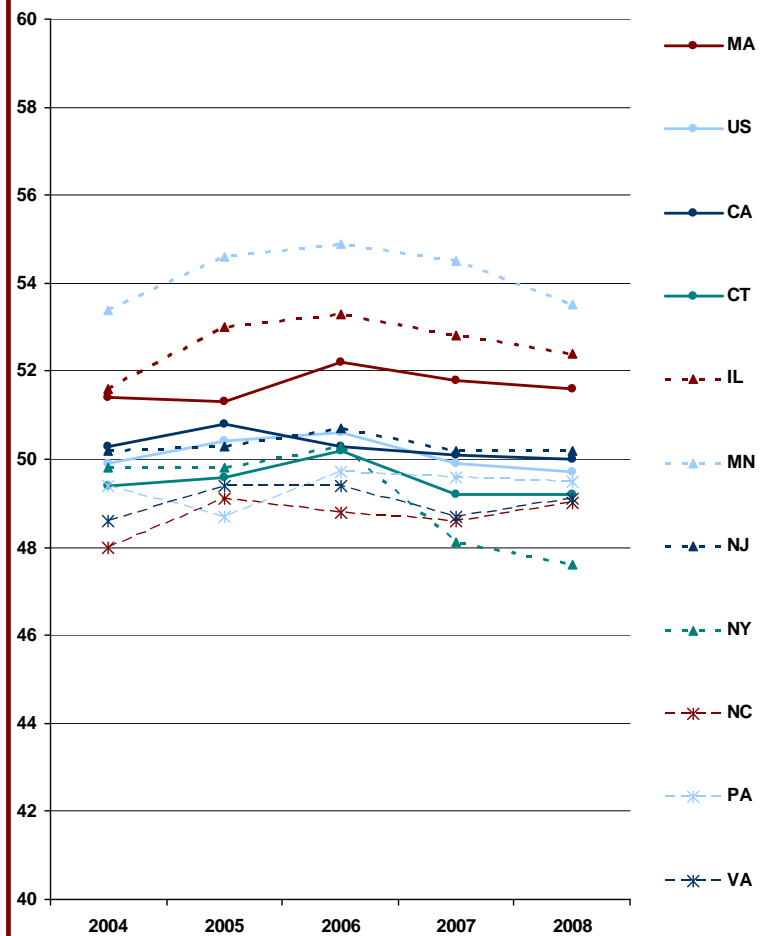
Chart II - 67: Average PSAT Math Scores for Sophomores -- Female Test-Takers (MASSIP 2009 Indicator 10)



Data Source: College Board.

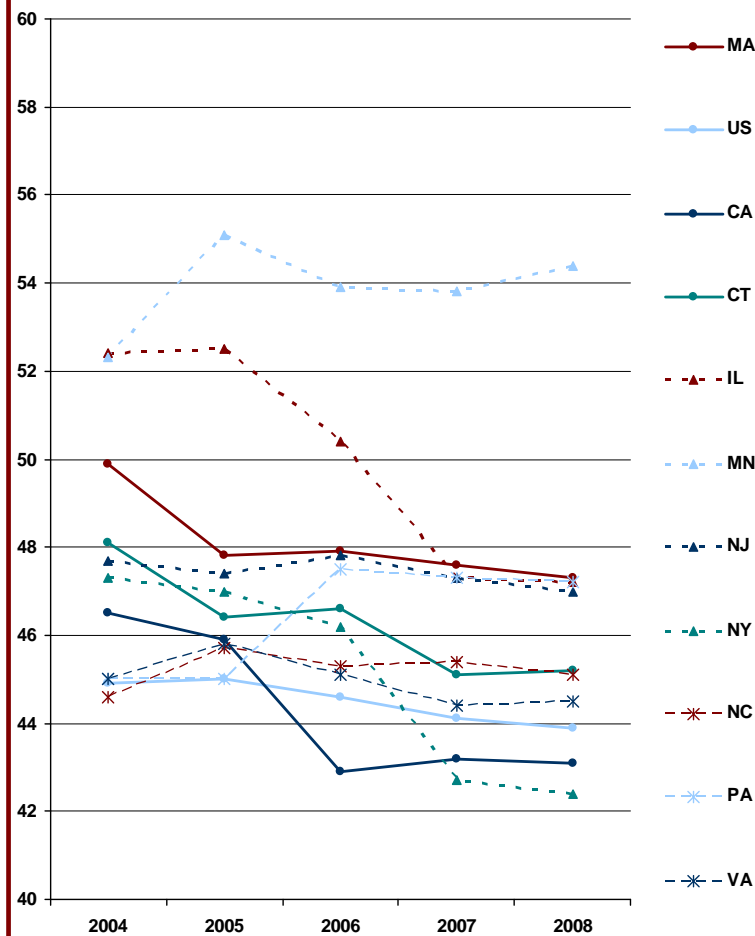


Chart II - 68: Average PSAT Math Scores for Juniors – Male Test-Takers (MASSIP 2009 Indicator 10)



Data Source: College Board.

Chart II - 69: Average PSAT Math Scores for Sophomores – Male Test-Takers (MASSIP 2009 Indicator 10)



Data Source: College Board.



Summary

It should be noted that the percentage of students who take the PSAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the preliminary tests leading up to the ACT are dominant in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that PSAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, or who plan to apply for National Merit Scholarships. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the PSAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of PSAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, the average math score for all junior PSAT test-takers in Massachusetts was 50.0 (down from 50.3 in 2007). This was higher than the national average of 48.2 (down from 48.5 in 2007) and all seven of the comparison states. In 2008, the average math score for female junior PSAT test-takers in Massachusetts was 48.7 (down from 48.9 in 2007). This was higher than the national average of 47.0 (down from 47.4 in 2007) and all seven of the comparison states. In 2008, the average math score for male junior PSAT test-takers in Massachusetts was 51.6 (down from 51.8 in 2007). This was higher than the national average of 49.7 (down from 49.9 in 2007) and all seven of the comparison states.

In 2008, the average math score for all sophomore PSAT test-takers in Massachusetts was 46.2 (down from 46.8 in 2007). This was higher than the national average of 43.1 (down from 43.5 in 2007) and all seven of the comparison states. In 2008, the average math score for female sophomore PSAT test-takers in Massachusetts was 45.3 (down from 46.0 in 2007). This was higher than the national average of 42.4 (down from 42.9 in 2007) and all seven of the comparison states. In 2008, the average math score for male sophomore PSAT test-takers in Massachusetts was 47.3 (down from 47.6 in 2007). This was higher than the national average of 43.9 (down from 44.1 in 2007) and all seven of the comparison states.

Technical Notes

The PSAT/NMSQT (Preliminary SAT/National Merit Scholarship Qualifying Test) is jointly sponsored by the College Board and the National Merit Scholarship Corporation and may be taken by students during their sophomore or junior year of high school. In addition to helping students prepare for the SAT, participation in the PSAT enables students to access the National Merit Scholarship Corporation's scholarships. The PSAT is a national standardized test that measures students' skills in critical reading, mathematics, and writing. It is a preliminary test taken by students planning to enter college. The PSAT has an associated survey where students give information about grades, plans for college, and other data.

The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 "College Bound Sophomores and Juniors" reports (the most recent ones at the time this report was written) is <http://professionals.collegeboard.com/data-reports-research/psat/cb-jr-soph>.



Indicator 11: Number of students taking the SAT and their scores in mathematics

Table II - 79: Number of Students Taking the SAT - All Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	56,487	1,419,007	177,400	33,221	13,937	6,549	77,448	147,063	50,042	101,778	53,726
2005	59,104	1,475,623	186,552	34,313	12,970	6,470	81,479	154,897	53,314	104,155	56,544
2006	59,529	1,465,744	191,740	34,522	12,694	6,106	82,990	153,518	52,690	103,445	56,336
2007	60,962	1,494,531	195,406	35,575	11,030	5,468	85,511	157,591	55,114	105,911	58,921
2008	61,295	1,518,859	205,145	36,085	10,288	5,080	85,382	160,875	56,442	106,093	59,573
# Change 04 - 08	4,808	99,852	27,745	2,864	-3,649	-1,469	7,934	13,812	6,400	4,315	5,847
% Change 04 - 08	8.5%	7.0%	15.6%	8.6%	-26.2%	-22.4%	10.2%	9.4%	12.8%	4.2%	10.9%

Data Source: College Board.

Table II - 80: Average SAT Math Score - All Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	523	518	519	515	597	593	514	510	507	502	509
2005	527	520	522	517	606	597	517	511	511	503	514
2006	524	518	518	516	609	600	515	510	513	500	513
2007	522	515	516	512	611	603	510	505	509	499	511
2008	525	515	515	513	601	609	513	504	511	501	512
# Change 04 - 08	2	-3	-4	-2	4	16	-1	-6	4	-1	3
% Change 04 - 08	0.4%	-0.6%	-0.8%	-0.4%	0.7%	2.7%	-0.2%	-1.2%	0.8%	-0.2%	0.6%

Data Source: College Board.

Table II - 81: Number of Students Taking the SAT - Female Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	29,574	758,737	98,031	17,268	7,449	3,457	40,652	78,922	27,139	54,176	28,741
2005	31,057	789,325	102,944	17,857	6,756	3,491	42,609	82,991	29,271	55,533	30,380
2006	31,420	785,019	105,920	18,115	6,677	3,346	43,385	81,960	29,010	55,318	30,153
2007	32,037	798,030	107,785	18,701	5,813	2,925	44,544	84,088	30,249	56,106	31,487
2008	32,234	812,764	113,265	18,761	5,473	2,660	44,558	85,768	30,797	56,616	31,843
# Change 04 - 08	2,660	54,027	15,234	1,493	-1,976	-797	3,906	6,846	3,658	2,440	3,102
% Change 04 - 08	9.0%	7.1%	15.5%	8.6%	-26.5%	-23.1%	9.6%	8.7%	13.5%	4.5%	10.8%

Data Source: College Board.

Table II - 82: Average SAT Math Score - Female Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	507	501	501	497	578	573	497	494	495	485	493
2005	511	504	504	502	586	578	502	496	498	487	499
2006	508	502	500	501	590	583	500	495	500	483	499
2007	506	499	499	497	593	587	495	490	496	483	497
2008	508	500	497	497	584	591	498	490	498	485	498
# Change 04 - 08	1	-1	-4	0	6	18	1	-4	3	0	5
% Change 04 - 08	0.2%	-0.2%	-0.8%	0.0%	1.0%	3.1%	0.2%	-0.8%	0.6%	0.0%	1.0%

Data Source: College Board.



Table II - 83: Number of Students Taking the SAT - Male Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	26,913	660,270	79,369	15,953	6,488	3,092	36,796	68,141	22,903	47,602	24,985
2005	28,047	686,298	83,608	16,456	6,214	2,979	38,870	71,906	24,043	48,622	26,164
2006	28,109	680,725	85,820	16,407	6,017	2,760	39,605	71,558	23,680	48,127	26,183
2007	28,752	690,500	87,396	16,760	5,199	2,533	40,674	72,628	24,637	49,234	27,248
2008	29,026	704,226	91,818	17,296	4,781	2,418	40,762	74,817	25,597	49,303	27,698
# Change 04 - 08	2,113	43,956	12,449	1,343	-1,707	-674	3,966	6,676	2,694	1,701	2,713
% Change 04 - 08	7.9%	6.7%	15.7%	8.4%	-26.3%	-21.8%	10.8%	9.8%	11.8%	3.6%	10.9%

Data Source: College Board.

Table II - 84: Average SAT Math Score - Male Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	542	537	541	534	618	614	532	528	523	521	527
2005	545	538	543	534	627	620	534	528	527	522	531
2006	542	536	541	534	629	620	531	527	529	518	530
2007	541	533	537	529	631	623	527	523	526	518	529
2008	544	533	537	531	622	629	530	521	527	520	529
# Change 04 - 08	2	-4	-4	-3	4	15	-2	-7	4	-1	2
% Change 04 - 08	0.4%	-0.7%	-0.7%	-0.6%	0.6%	2.4%	-0.4%	-1.3%	0.8%	-0.2%	0.4%

Data Source: College Board.

Table II - 85: Number of Students Taking the SAT - Asian Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,587	112,542	29,629	1,091	1,508	440	5,293	9,199	1,387	2,775	3,117
2005	3,130	134,996	37,327	1,299	1,569	468	6,493	10,618	1,643	3,379	3,944
2006	3,316	138,303	41,347	1,390	1,599	451	7,337	11,703	1,700	3,446	4,109
2007	3,488	140,794	41,290	1,365	1,610	476	7,338	12,055	1,965	3,369	4,266
2008	3,635	151,235	43,310	1,540	1,433	497	7,740	13,316	2,095	3,786	4,660
# Change 04 - 08	1,048	38,693	13,681	449	-75	57	2,447	4,117	708	1,011	1,543
% Change 04 - 08	40.5%	34.4%	46.2%	41.2%	-5.0%	13.0%	46.2%	44.8%	51.0%	36.4%	49.5%

Data Source: College Board.

Table II - 86: Average SAT Math Score - Asian Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	567	577	553	563	637	606	580	568	550	546	556
2005	573	580	558	579	644	611	584	569	555	557	562
2006	577	578	563	582	649	619	589	574	563	555	566
2007	577	578	563	579	655	626	589	573	562	558	566
2008	585	581	564	586	652	641	591	569	566	566	572
# Change 04 - 08	18	4	11	23	15	35	11	1	16	20	16
% Change 04 - 08	3.2%	0.7%	2.0%	4.1%	2.4%	5.8%	1.9%	0.2%	2.9%	3.7%	2.9%

Data Source: College Board.



Table II - 87: Number of Students Taking the SAT - Black Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,726	137,853	10,685	2,151	773	169	7,526	14,831	9,626	7,590	8,328
2005	3,133	153,132	12,084	2,361	695	167	8,577	16,945	10,718	8,407	9,147
2006	3,380	150,643	12,434	2,347	716	164	8,619	16,392	10,858	7,881	9,170
2007	3,529	159,849	12,949	2,917	633	171	9,128	17,965	11,663	8,045	10,266
2008	4,002	174,383	13,654	3,224	838	167	9,867	20,342	12,504	9,726	10,828
# Change 04 - 08	1,276	36,530	2,969	1,073	65	-2	2,341	5,511	2,878	2,136	2,500
% Change 04 - 08	46.8%	26.5%	27.8%	49.9%	8.4%	-1.2%	31.1%	37.2%	29.9%	28.1%	30.0%

Data Source: College Board.

Table II - 88: Average SAT Math Score - Black Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	424	427	432	413	496	481	421	433	426	399	421
2005	433	438	441	425	530	511	425	433	430	401	429
2006	430	437	439	420	524	485	423	431	435	399	429
2007	427	434	439	417	513	507	422	427	430	403	428
2008	431	426	429	407	494	520	418	421	431	402	427
# Change 04 - 08	7	-1	-3	-6	-2	39	-3	-12	5	3	6
% Change 04 - 08	1.7%	-0.2%	-0.7%	-1.5%	-0.4%	8.1%	-0.7%	-2.8%	1.2%	0.8%	1.4%

Data Source: College Board.

Table II - 89: Number of Students Taking the SAT - Hispanic Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,125	122,380	34,141	1,627	606	76	6,550	12,780	1,069	2,105	1,782
2005	2,635	144,196	40,070	2,014	593	127	7,831	15,137	1,383	2,532	2,256
2006	2,793	151,761	43,703	2,001	633	106	8,114	15,380	1,481	2,655	2,412
2007	3,475	168,544	48,049	2,410	570	129	9,462	17,754	1,804	2,983	2,742
2008	3,772	190,203	55,084	2,874	645	115	10,123	21,329	2,099	3,468	2,914
# Change 04 - 08	1,647	67,823	20,943	1,247	39	39	3,573	8,549	1,030	1,363	1,132
% Change 04 - 08	77.5%	55.4%	61.3%	76.6%	6.4%	51.3%	54.5%	66.9%	96.4%	64.8%	63.5%

Data Source: College Board.

Table II - 90: Average SAT Math Score - Hispanic Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	446	460	453	448	530	549	449	449	484	445	483
2005	449	465	457	449	557	544	458	451	482	443	486
2006	447	463	452	448	556	547	456	450	489	446	488
2007	448	463	451	440	563	565	453	445	488	446	489
2008	449	462	450	442	516	557	453	440	489	448	487
# Change 04 - 08	3	2	-3	-6	-14	8	4	-9	5	3	4
% Change 04 - 08	0.7%	0.4%	-0.7%	-1.3%	-2.6%	1.5%	0.9%	-1.9%	1.0%	0.8%	0.8%

Data Source: College Board.



Table II - 91: Number of Students Taking the SAT - White Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	33,809	719,753	55,417	19,442	8,280	4,396	37,738	70,421	28,984	70,404	28,575
2005	40,097	824,776	66,274	22,701	8,475	4,855	45,473	80,768	34,186	77,857	33,749
2006	41,457	825,921	68,436	23,402	8,403	4,690	47,109	80,610	34,065	77,702	34,090
2007	42,672	828,038	69,121	23,969	7,066	4,077	48,284	82,585	35,017	79,336	35,202
2008	44,899	858,561	73,403	25,290	6,583	3,939	50,155	88,002	36,081	81,340	36,344
# Change 04 - 08	11,090	138,808	17,986	5,848	-1,697	-457	12,417	17,581	7,097	10,936	7,769
% Change 04 - 08	32.8%	19.3%	32.5%	30.1%	-20.5%	-10.4%	32.9%	25.0%	24.5%	15.5%	27.2%

Data Source: College Board.

Table II - 92: Average SAT Math Score - White Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	528	531	542	526	600	596	530	531	527	511	524
2005	534	536	547	532	609	600	536	534	536	516	532
2006	534	536	547	533	613	604	534	537	538	514	532
2007	534	534	546	529	615	608	530	533	535	514	531
2008	537	537	549	533	613	612	535	535	539	516	533
# Change 04 - 08	9	6	7	7	13	16	5	4	12	5	9
% Change 04 - 08	1.7%	1.1%	1.3%	1.3%	2.2%	2.7%	0.9%	0.8%	2.3%	1.0%	1.7%

Data Source: College Board.

Table II - 93: Number of Students Taking the SAT - Family Income Less Than \$40,000 Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	7,583	277,975	38,104	3,973	1,239	446	11,860	32,232	12,072	20,182	8,841
2005	9,043	313,853	45,484	4,570	1,230	793	13,659	36,525	13,555	21,730	11,867
2006	7,995	273,451	43,641	3,911	1,087	499	11,877	31,076	11,693	18,129	8,399
2007	7,610	258,284	41,379	3,798	895	375	11,342	30,212	11,701	16,601	8,280
2008	6,664	243,204	39,943	3,469	750	299	10,553	28,498	10,850	12,763	7,703
# Change 04 - 08	-919	-34,771	1,839	-504	-489	-147	-1,307	-3,734	-1,222	-7,419	-1,138
% Change 04 - 08	-12.1%	-12.5%	4.8%	-12.7%	-39.5%	-33.0%	-11.0%	-11.6%	-10.1%	-36.8%	-12.9%

Data Source: College Board.

Table II - 94: Average SAT Math Score - Family Income Less Than \$40,000 Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	460	467	461	447	537	547	444	464	458	455	448
2005	470	473	467	454	561	567	453	467	463	458	458
2006	471	474	468	453	566	559	454	470	468	459	462
2007	466	471	466	445	572	558	451	464	463	458	457
2008	464	466	458	441	529	577	446	457	459	461	453
# Change 04 - 08	4	-1	-3	-6	-8	30	2	-7	1	6	5
% Change 04 - 08	0.9%	-0.2%	-0.7%	-1.3%	-1.5%	5.5%	0.5%	-1.5%	0.2%	1.3%	1.1%

Data Source: College Board.



Table II - 95: Number of Students Taking the SAT - Family Income More Than \$100,000 Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	6,367	161,809	20,257	4,555	3,577	1,603	10,013	13,663	4,886	9,244	7,173
2005	8,154	207,199	27,984	5,952	3,742	1,783	13,406	16,936	6,445	11,830	9,699
2006	9,241	225,869	31,813	6,441	3,855	1,687	15,189	18,669	7,085	12,765	10,786
2007	10,109	245,025	34,289	6,990	3,276	1,610	16,389	20,135	8,017	13,956	12,145
2008	11,838	282,761	37,727	7,840	2,898	1,568	19,005	22,300	9,461	16,986	14,276
# Change 04 - 08	5,471	120,952	17,470	3,285	-679	-35	8,992	8,637	4,575	7,742	7,103
% Change 04 - 08	85.9%	74.7%	86.2%	72.1%	-19.0%	-2.2%	89.8%	63.2%	93.6%	83.8%	99.0%

Data Source: College Board.

Table II - 96: Average SAT Math Score - Family Income More Than \$100,000 Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	569	562	562	562	616	608	564	567	556	554	553
2005	573	565	566	565	622	612	565	566	565	558	559
2006	572	564	564	565	626	616	563	569	562	554	558
2007	566	556	560	557	629	620	554	559	551	547	548
2008	547	545	544	541	616	615	542	537	545	536	542
# Change 04 - 08	-22	-17	-18	-21	0	7	-22	-30	-11	-18	-11
% Change 04 - 08	-3.9%	-3.0%	-3.2%	-3.7%	0.0%	1.2%	-3.9%	-5.3%	-2.0%	-3.2%	-2.0%

Data Source: College Board.

Table II - 97: Number of Students Taking the SAT - Public School Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	N/A										
2005											
2006	46,680	1,118,762	156,014	27,344	8,460	4,423	67,706	122,251	45,532	82,266	47,418
2007	49,605	1,178,753	163,482	29,140	7,618	4,025	71,503	129,093	48,677	87,097	51,677
2008	48,127	1,167,849	167,711	28,620	6,827	3,506	69,625	127,519	48,054	85,189	50,465
# Change 06 - 08	1,447	49,087	11,697	1,276	-1,633	-917	1,919	5,268	2,522	2,923	3,047
% Change 06 - 08	3.1%	4.4%	7.5%	4.7%	-19.3%	-20.7%	2.8%	4.3%	5.5%	3.6%	6.4%

Data Source: College Board.

Table II - 98: Average SAT Math Score - Public School Test-Takers (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	N/A										
2005											
2006	518	514	516	510	624	602	516	509	513	499	512
2007	516	509	513	504	626	603	509	503	508	498	509
2008	520	510	513	507	613	610	514	503	511	500	510
# Change 06 - 08	2	-4	-3	-3	-11	8	-2	-6	-2	1	-2
% Change 06 - 08	0.4%	-0.8%	-0.6%	-0.6%	-1.8%	1.3%	-0.4%	-1.2%	-0.4%	0.2%	-0.4%

Data Source: College Board.



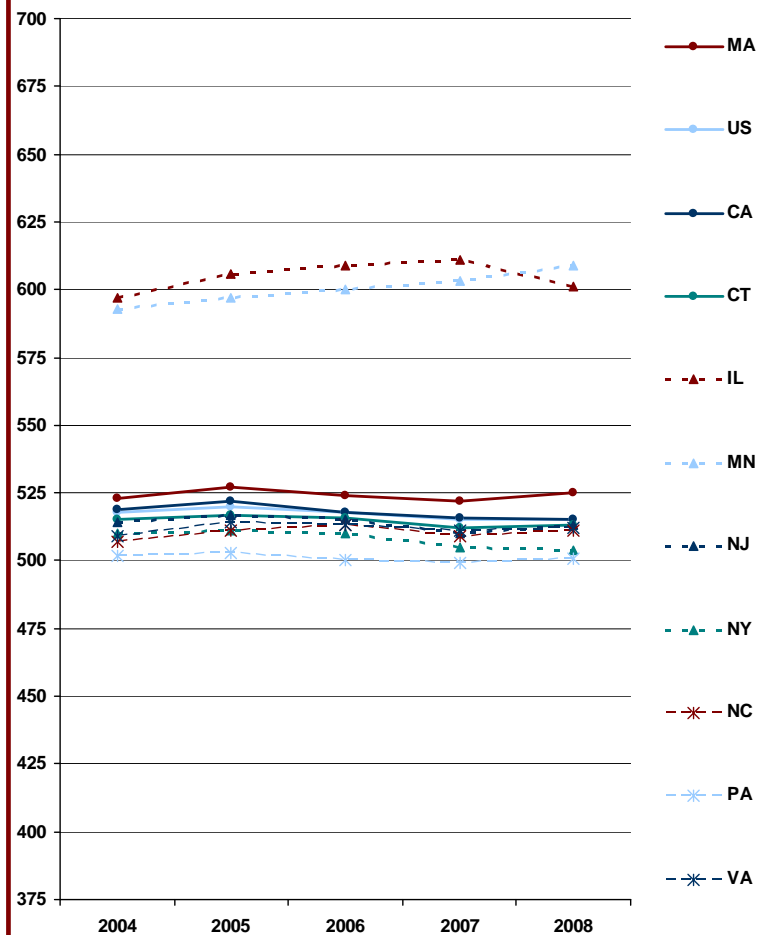
Table II - 99: Average Mathematics Scores on the SAT - Percentage Difference Between Average Score for All Students and Average Scores for Sub-Groups in 2008 (MASSIP 2009 Indicator 11)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2007 Average Score for All Test-Takers	525	515	515	513	601	609	513	504	511	501	512
Female Test-Takers	-3.2%	-2.9%	-3.5%	-3.1%	-2.8%	-3.0%	-2.9%	-2.8%	-2.5%	-3.2%	-2.7%
Male Test-Takers	3.6%	3.5%	4.3%	3.5%	3.5%	3.3%	3.3%	3.4%	3.1%	3.8%	3.3%
Asian Test-Takers	11.4%	12.8%	9.5%	14.2%	8.5%	5.3%	15.2%	12.9%	10.8%	13.0%	11.7%
Black/ Test-Takers	-17.9%	-17.3%	-16.7%	-20.7%	-17.8%	-14.6%	-18.5%	-16.5%	-15.7%	-19.8%	-16.6%
Hispanic Test-Takers	-14.5%	-10.3%	-12.6%	-13.8%	-14.1%	-8.5%	-11.7%	-12.6%	-4.4%	-10.5%	-4.9%
White Test-Takers	2.3%	4.3%	6.6%	3.9%	2.0%	0.5%	4.3%	6.2%	5.5%	3.0%	4.1%
Family Income Less Than \$40,000 Test-Takers	-11.6%	-9.5%	-11.1%	-14.0%	-12.0%	-5.3%	-13.1%	-9.3%	-10.2%	-8.0%	-11.5%
Family Income More Than \$100,000 Test-Takers	4.2%	5.8%	5.6%	5.5%	2.5%	1.0%	5.7%	6.5%	6.7%	7.0%	5.9%
Public School Test-Takers	-1.0%	-1.0%	-0.4%	-1.2%	2.0%	0.2%	0.2%	-0.2%	0.0%	-0.2%	-0.4%

Data Source: College Board.

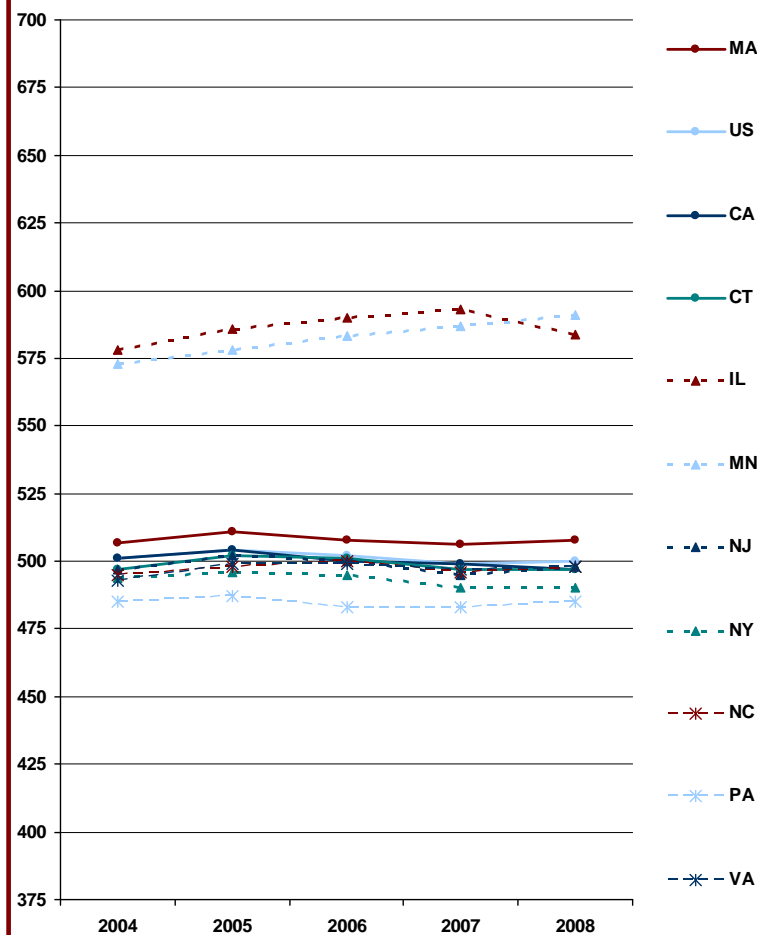


Chart II - 70: Average SAT Math Scores -- All Test-Takers
(MASSIP 2009 Indicator 11)



Data Source: College Board.

Chart II - 71: Average SAT Math Scores -- Female Test-Takers
(MASSIP 2009 Indicator 11)

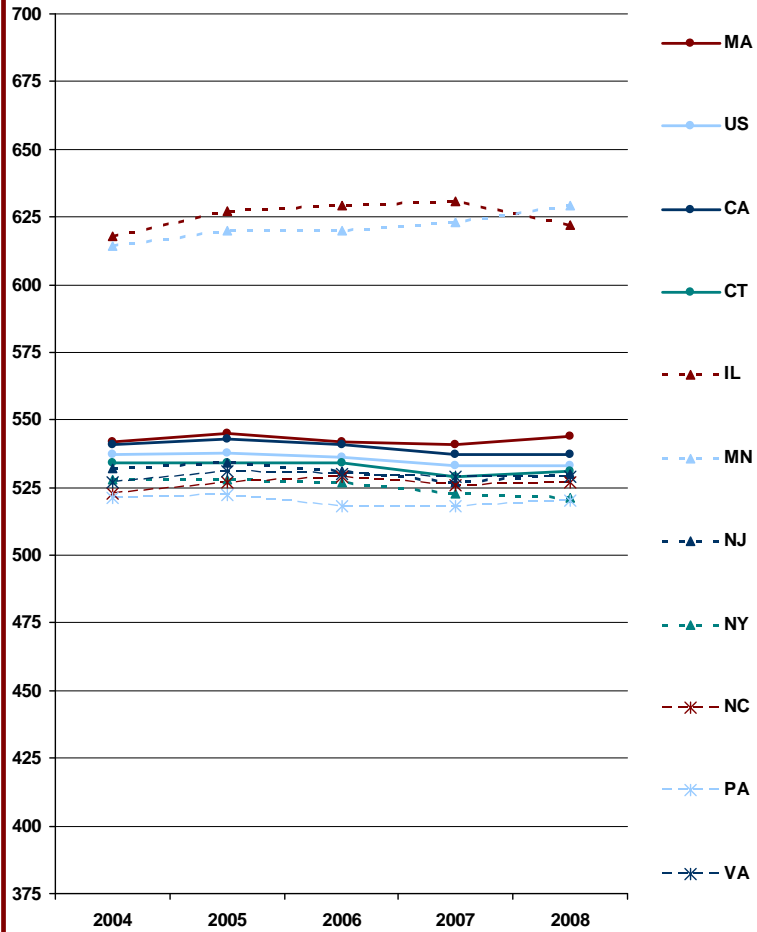


Data Source: College Board.



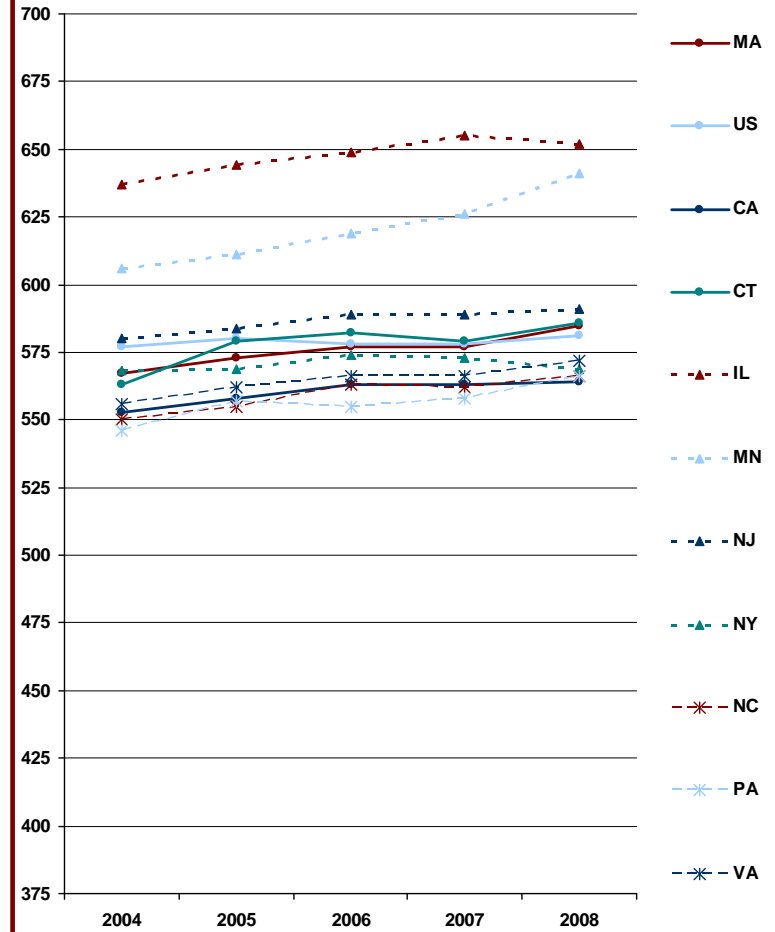
Massachusetts Statewide STEM Indicators Project (MASSIP) 2009

Chart II - 72: Average SAT Math Scores – Male Test-Takers
(MASSIP 2009 Indicator 11)



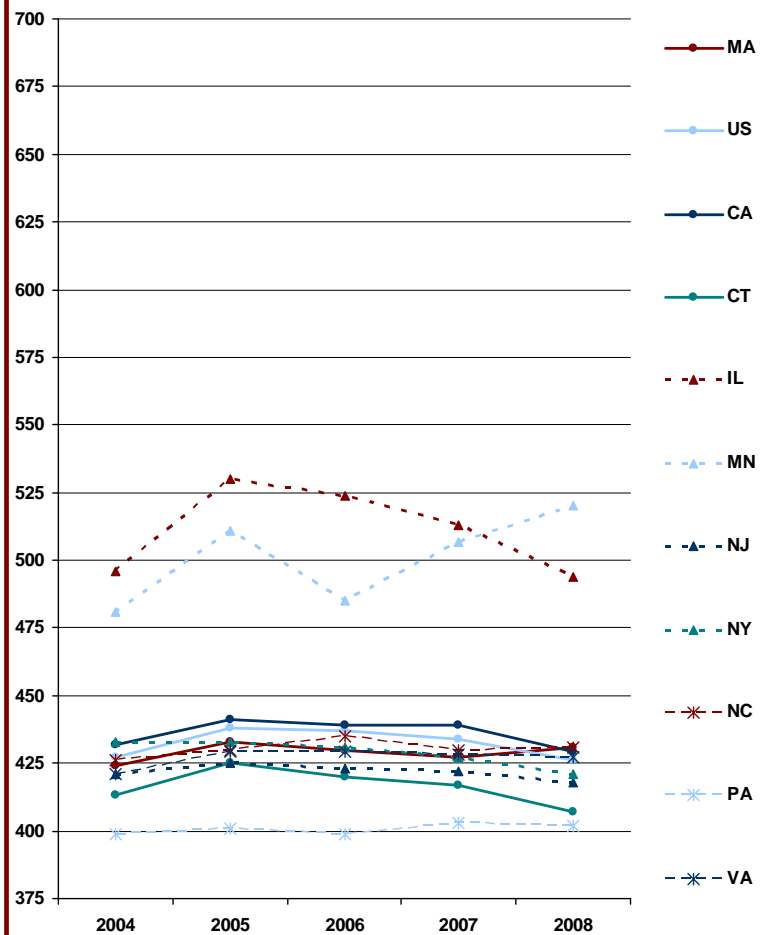
Data Source: College Board.

Chart II - 73: Average SAT Math Scores – Asian Test-Takers
(MASSIP 2009 Indicator 11)



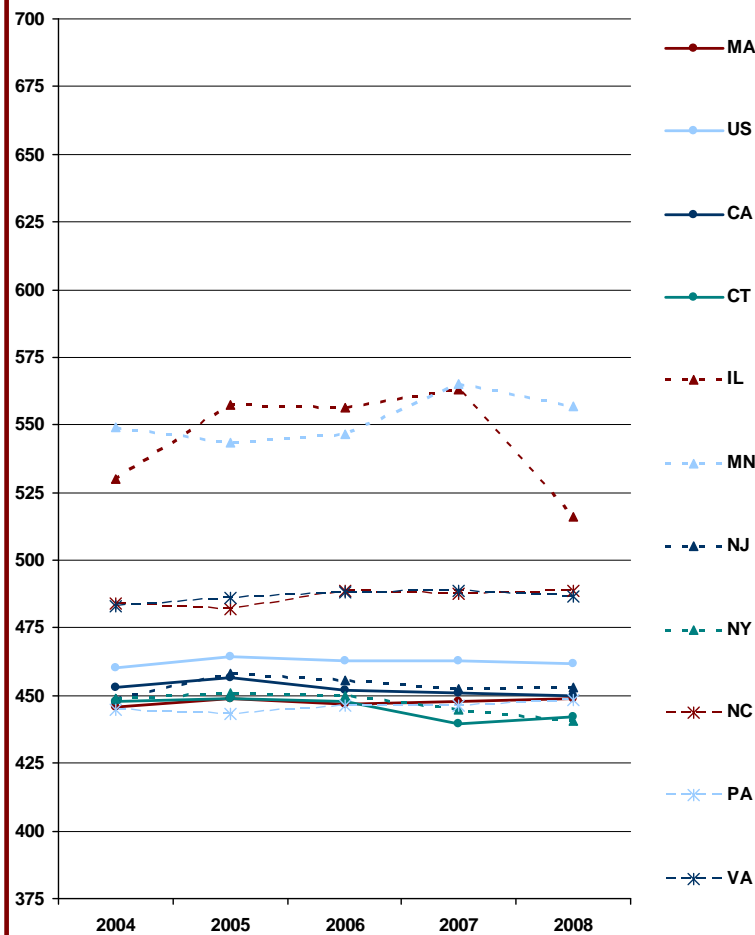
Data Source: College Board.

Chart II - 74: Average SAT Math Scores – Black Test-Takers (MASSIP 2009 Indicator 11)



Data Source: College Board.

Chart II - 75: Average SAT Math Scores – Hispanic Test-Takers (MASSIP 2009 Indicator 11)

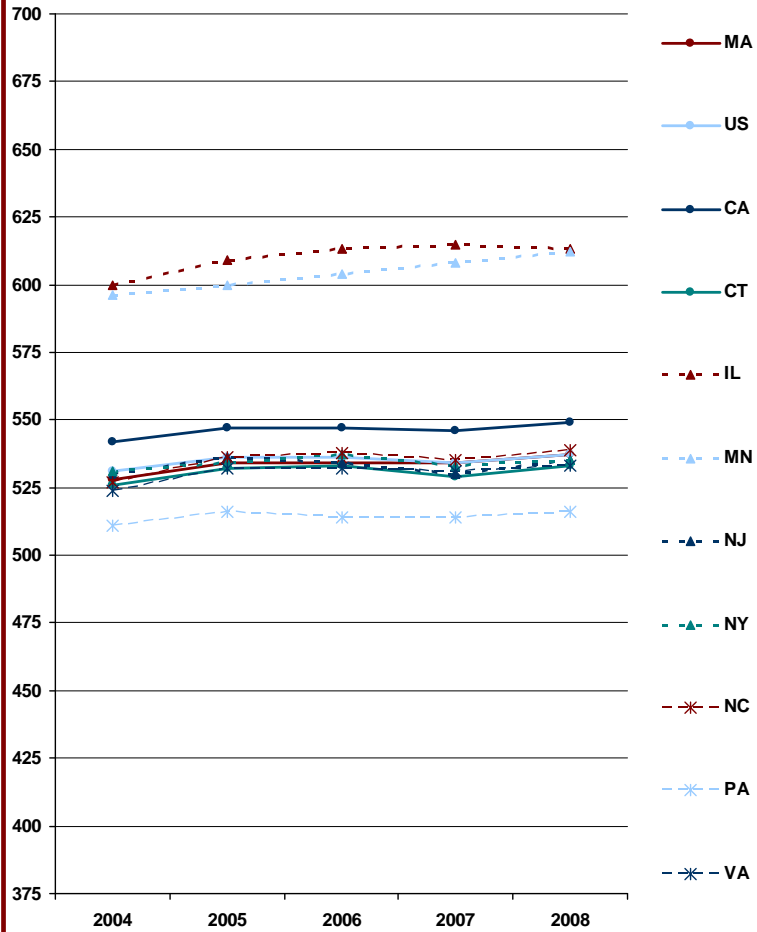


Data Source: College Board.



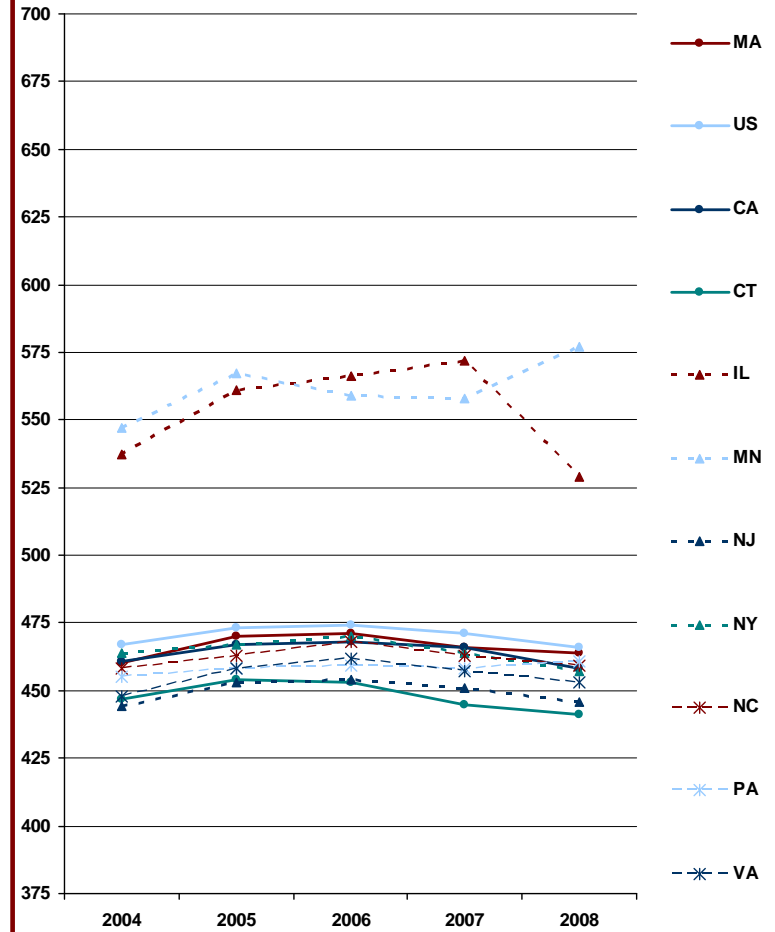
Massachusetts Statewide STEM Indicators Project (MASSIP) 2009

Chart II - 76: Average SAT Math Scores -- White Test-Takers
(MASSIP 2009 Indicator 11)



Data Source: College Board.

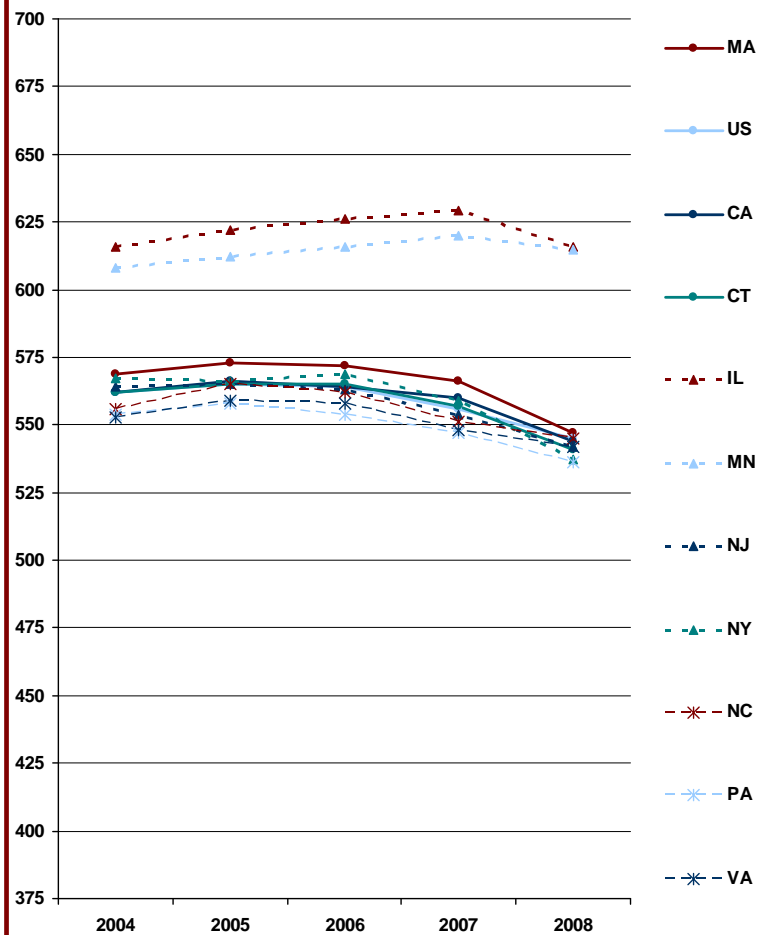
Chart II - 77: Average SAT Math Scores -- Family Income Less Than \$40,000 Test-Takers (MASSIP 2009 Indicator 11)



Data Source: College Board.

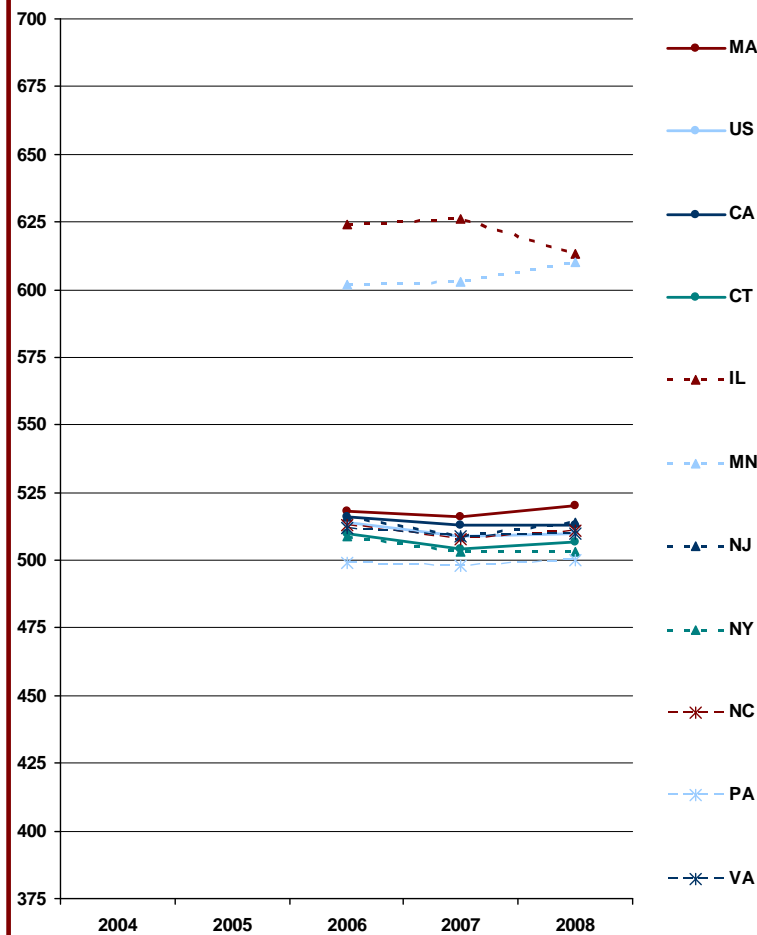


Chart II - 78: Average SAT Math Scores – Family Income More Than \$100,000 Test-Takers (MASSIP 2009 Indicator 11)



Data Source: College Board.

Chart II - 79: Average SAT Math Scores – Public School Test-Takers (MASSIP 2009 Indicator 11)



Data Source: College Board.



Summary

It should be noted that the percentage of students who take the SAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the ACT is the dominant test in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that SAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, while most in-state college-bound students take only the ACT. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the SAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of SAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, the average math score for all SAT test-takers from Massachusetts was 525. This was higher than the national average for all test-takers (515) and higher than all of the comparison states for this indicator. The average math score in 2008 for female SAT test-takers from Massachusetts was 508. This was higher than the national average for female test-takers (500) and higher than all of the comparison states. The average math score in 2008 for male SAT test-takers from Massachusetts was 544. This was higher than the national average for male test-takers (533) and higher than all of the comparison states.

In 2008, the average math score for Asian SAT test-takers from Massachusetts was 585. This was higher than the national average for Asian test-takers (581) and higher than five of the comparison states (New Jersey had the highest average score at 591). The average math score in 2008 for Black SAT test-takers from Massachusetts was 431. This was higher than the national average for Black test-takers (426) and tied for highest among the comparison states (with North Carolina). The average math score in 2008 for Hispanic SAT test-takers from Massachusetts was 449. This was lower than the national average for Hispanic test-takers (462) and lower than four of the comparison states (North Carolina had the highest average score at 489). The average math score in 2008 for White SAT test-takers from Massachusetts was 537. This was tied with the national average for White test-takers (537) and higher than five of the comparison states (California had the highest average score at 549).

In 2008, the average math score for SAT test-takers with family incomes less than \$40,000 from Massachusetts was 464. This was lower than the national average for test-takers with family incomes less than \$40,000 (466) but higher than all of the comparison states. The average math score in 2008 for SAT test-takers with family incomes more than \$100,000 from Massachusetts was 547. This was higher than the national average for test-takers with family incomes more than \$100,000 (545) and higher than all of the comparison states. The average math score in 2008 for SAT public school test-takers from Massachusetts was 520. This was higher than the national average for public school test-takers (510) and higher than all of the comparison states.

In 2008, the average math score for female SAT test-takers from Massachusetts was 17 points lower than the average for all test-takers. This was more than the difference between female and all test-takers nationally (15 points lower) and more than the difference in six of the comparison states (in California the average score for female test-takers was 18 points lower than the average for all test-takers). The average math score in 2008 for male SAT test-takers from Massachusetts was 19 points higher than the average for all test-takers. This was more than the difference between male and all test-takers nationally (18 points higher) and more than the difference in five of the comparison states (in California the average score for male test-takers was 22 points higher than the average for all test-takers).

In 2008, the average math score for Asian SAT test-takers from Massachusetts was 60 points higher than the average for all test-takers. This was less than the difference between Asian and all test-takers nationally (66 points higher) and less than the difference in four of the comparison states (in New



Jersey the average score for Asian test-takers was 78 points higher than the average for all test-takers). The average math score in 2008 for Black SAT test-takers from Massachusetts was 94 points lower than the average for all test-takers. This was more than the difference between Black and all test-takers nationally (89 points lower) and more than the difference in four of the comparison states (in Connecticut the average score for Black test-takers was 106 points lower than the average for all test-takers). The average math score in 2008 for Hispanic SAT test-takers from Massachusetts was 76 points lower than the average for all test-takers. This was more than the difference between Hispanic and all test-takers nationally (53 points lower) and more than the difference in all of the comparison states. The average math score in 2008 for White SAT test-takers from Massachusetts was 12 points higher than the average for all test-takers. This was less than the difference between White and all test-takers nationally (22 points higher) and less than the difference in all of the comparison states.

In 2008, the average math score for SAT test-takers with family incomes less than \$40,000 from Massachusetts was 61 points lower than the average for all test-takers. This was more than the difference between test-takers with family incomes less than \$40,000 and all test-takers nationally (49 points lower) and more than the difference in five of the comparison states (in Connecticut the average score for test-takers with family incomes less than \$40,000 was 72 points lower than the average for all test-takers). The average math score in 2008 for SAT test-takers with family incomes more than \$100,000 from Massachusetts was 22 points higher than the average for all test-takers. This was less than the difference between test-takers with family incomes more than \$100,000 and all test-takers nationally (30 points higher) and less than the difference in all of the comparison states (in Pennsylvania the average score for test-takers with family incomes more than \$100,000 was 35 points higher than the average for all test-takers).

Technical Notes

The SAT is a national standardized test that measures students' skills in critical reading, mathematics, and writing. It is the primary test taken by students planning to enter college. The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. The website for the 2008 "College Bound Seniors" reports (the most recent ones at the time this report was written) is: <http://professionals.collegeboard.com/data-reports-research/sat/cb-seniors-2008>.

Indicator 12: Number of students taking STEM Advanced Placement tests and the percentage who score three or higher

Table II - 100: Number of Calculus AB Advanced Placement Test-Takers - All Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	5,163	170,330	27,479	2,634	6,955	3,692	6,084	14,815	5,372	6,613	5,402
2005	5,350	180,661	29,582	2,798	7,253	3,647	6,290	14,491	5,753	6,854	5,630
2006	5,636	190,954	31,581	3,034	7,734	4,077	6,674	14,660	6,234	7,047	5,877
2007	6,201	204,546	34,106	3,141	8,140	4,426	7,025	15,410	6,554	7,752	6,446
2008	6,423	215,086	35,136	3,243	8,603	4,437	7,447	15,737	6,866	7,986	6,818
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	3,454	100,541	16,601	1,824	4,749	2,337	3,951	8,825	2,946	4,186	3,089
2005	3,612	104,123	17,728	1,977	4,922	2,322	4,031	8,523	3,126	4,533	3,144
2006	4,007	116,498	19,635	2,327	5,366	2,557	4,658	9,819	3,333	4,819	3,470
2007	4,428	119,388	20,053	2,293	5,448	2,602	4,704	9,755	3,563	5,060	3,630
2008	4,622	130,413	21,401	2,493	5,873	2,861	5,139	10,421	3,974	5,381	4,151
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	66.9%	59.0%	60.4%	69.2%	68.3%	63.3%	64.9%	59.6%	54.8%	63.3%	57.2%
2005	67.5%	57.6%	59.9%	70.7%	67.9%	63.7%	64.1%	58.8%	54.3%	66.1%	55.8%
2006	71.1%	61.0%	62.2%	76.7%	69.4%	62.7%	69.8%	67.0%	53.5%	68.4%	59.0%
2007	71.4%	58.4%	58.8%	73.0%	66.9%	58.8%	67.0%	63.3%	54.4%	65.3%	56.3%
2008	72.0%	60.6%	60.9%	76.9%	68.3%	64.5%	69.0%	66.2%	57.9%	67.4%	60.9%

Data Source: College Board.

Table II - 101: Number of Calculus BC Advanced Placement Test-Takers - All Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,569	49,332	8,280	838	3,231	919	1,992	3,843	1,822	1,533	2,293
2005	1,659	53,357	9,066	784	3,328	1,136	2,204	3,984	1,950	1,641	2,531
2006	1,836	57,319	10,072	848	3,558	1,294	2,327	4,125	2,288	1,773	2,585
2007	1,886	62,614	11,503	972	3,686	1,414	2,596	4,375	2,544	1,984	2,763
2008	2,175	66,785	11,833	911	3,643	1,566	2,935	4,812	2,558	2,261	2,962
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,388	39,201	6,591	748	2,812	656	1,682	2,982	1,449	1,295	1,742
2005	1,479	43,094	7,271	699	2,866	912	1,951	3,203	1,552	1,401	1,999
2006	1,586	46,472	8,288	768	3,127	979	2,038	3,380	1,779	1,556	1,977
2007	1,638	49,994	9,136	881	3,205	1,109	2,265	3,591	1,911	1,683	2,164
2008	1,911	53,370	9,439	809	3,162	1,239	2,558	3,869	1,927	1,954	2,303
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	88.5%	79.5%	79.6%	89.3%	87.0%	71.4%	84.4%	77.6%	79.5%	84.5%	76.0%
2005	89.2%	80.8%	80.2%	89.2%	86.1%	80.3%	88.5%	80.4%	79.6%	85.4%	79.0%
2006	86.4%	81.1%	82.3%	90.6%	87.9%	75.7%	87.6%	81.9%	77.8%	87.8%	76.5%
2007	86.9%	79.8%	79.4%	90.6%	87.0%	78.4%	87.2%	82.1%	75.1%	84.8%	78.3%
2008	87.9%	79.9%	79.8%	88.8%	86.8%	79.1%	87.2%	80.4%	75.3%	86.4%	77.8%

Data Source: College Board.



Table II - 102: Number of Statistics Advanced Placement Test-Takers - All Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,641	65,063	12,334	1,226	2,829	1,395	2,622	4,079	3,750	2,138	2,961
2005	2,081	75,668	14,317	1,434	3,038	1,619	2,795	4,552	4,677	2,434	3,430
2006	2,081	75,668	14,317	1,434	3,038	1,619	2,795	4,552	4,677	2,434	3,430
2007	2,873	96,282	16,551	1,863	4,143	2,754	3,239	6,165	5,948	3,136	3,938
2008	3,168	106,534	18,642	2,041	4,626	2,930	3,616	6,161	6,032	3,354	3,952
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,176	38,914	6,761	823	2,096	964	1,812	2,391	1,900	1,558	1,582
2005	1,511	45,830	7,985	955	2,250	1,084	2,072	2,844	2,526	1,791	1,851
2006	1,773	52,168	9,491	1,123	2,656	1,284	2,149	3,064	2,672	2,099	1,884
2007	2,065	56,408	9,181	1,248	2,788	1,681	2,373	3,693	3,050	2,308	2,065
2008	2,256	62,928	10,709	1,414	3,024	1,926	2,707	3,732	3,269	2,494	2,120
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	71.7%	59.8%	54.8%	67.1%	74.1%	69.1%	69.1%	58.6%	50.7%	72.9%	53.4%
2005	72.6%	60.6%	55.8%	66.6%	74.1%	67.0%	74.1%	62.5%	54.0%	73.6%	54.0%
2006	85.2%	68.9%	66.3%	78.3%	87.4%	79.3%	76.9%	67.3%	57.1%	86.2%	54.9%
2007	71.9%	58.6%	55.5%	67.0%	67.3%	61.0%	73.3%	59.9%	51.3%	73.6%	52.4%
2008	71.2%	59.1%	57.4%	69.3%	65.4%	65.7%	74.9%	60.6%	54.2%	74.4%	53.6%

Data Source: College Board.

Table II - 103: Number of Biology Advanced Placement Test-Takers - All Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	3,577	108,888	19,940	2,209	4,221	1,458	5,082	11,763	3,263	3,637	3,576
2005	3,871	118,828	22,094	2,476	4,416	1,560	5,314	12,333	3,649	4,081	3,589
2006	4,263	128,696	23,805	2,457	4,928	2,015	5,426	12,837	3,984	4,337	3,889
2007	4,788	141,321	25,808	2,620	5,407	2,241	5,748	14,036	4,284	4,919	4,287
2008	5,188	150,724	26,612	2,655	5,630	2,351	6,119	14,311	4,388	5,167	4,775
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,533	66,169	11,826	1,709	2,979	885	3,453	7,725	1,835	2,437	2,117
2005	2,673	72,432	13,270	1,969	3,102	1,010	3,761	8,292	2,157	2,717	2,242
2006	2,974	78,190	14,534	1,833	3,328	1,261	3,875	8,697	2,229	2,946	2,404
2007	3,410	85,453	16,016	2,116	3,599	1,282	4,128	9,586	2,555	3,238	2,466
2008	3,113	75,045	13,533	1,805	3,212	1,172	3,907	8,119	2,220	2,861	2,299
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	70.8%	60.8%	59.3%	77.4%	70.6%	60.7%	67.9%	65.7%	56.2%	67.0%	59.2%
2005	69.1%	61.0%	60.1%	79.5%	70.2%	64.7%	70.8%	67.2%	59.1%	66.6%	62.5%
2006	69.8%	60.8%	61.1%	74.6%	67.5%	62.6%	71.4%	67.7%	55.9%	67.9%	61.8%
2007	71.2%	60.5%	62.1%	80.8%	66.6%	57.2%	71.8%	68.3%	59.6%	65.8%	57.5%
2008	60.0%	49.8%	50.9%	68.0%	57.1%	49.9%	63.9%	56.7%	50.6%	55.4%	48.1%

Data Source: College Board.



Table II - 104: Number of Chemistry Advanced Placement Test-Takers - All Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,955	69,032	11,779	1,283	3,265	693	3,296	5,163	1,903	2,970	1,868
2005	2,309	75,799	12,274	1,445	3,296	865	3,504	5,400	2,268	2,921	2,064
2006	2,487	84,329	13,501	1,670	3,916	1,166	3,761	6,331	2,537	3,302	2,554
2007	2,838	93,307	14,167	1,671	4,432	1,553	4,111	6,947	2,572	3,580	2,912
2008	3,163	96,458	14,864	1,820	4,367	1,413	4,321	6,850	2,538	3,869	2,850
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,261	38,963	6,226	917	2,173	414	2,259	3,270	1,022	1,664	1,134
2005	1,489	42,027	6,790	1,004	2,175	478	2,321	3,512	1,222	1,693	1,273
2006	1,698	48,251	7,763	1,223	2,493	650	2,635	4,365	1,351	1,967	1,501
2007	1,947	51,730	8,053	1,180	2,752	823	2,775	4,591	1,446	2,127	1,727
2008	2,122	53,103	8,447	1,284	2,691	735	2,901	4,521	1,524	2,264	1,590
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	64.5%	56.4%	52.9%	71.5%	66.6%	59.7%	68.5%	63.3%	53.7%	56.0%	60.7%
2005	64.5%	55.4%	55.3%	69.5%	66.0%	55.3%	66.2%	65.0%	53.9%	58.0%	61.7%
2006	68.3%	57.2%	57.5%	73.2%	63.7%	55.7%	70.1%	68.9%	53.3%	59.6%	58.8%
2007	68.6%	55.4%	56.8%	70.6%	62.1%	53.0%	67.5%	66.1%	56.2%	59.4%	59.3%
2008	67.1%	55.1%	56.8%	70.5%	61.6%	52.0%	67.1%	66.0%	60.0%	58.5%	55.8%

Data Source: College Board.

Table II - 105: Number of Physics B Advanced Placement Test-Takers - All Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,103	41,844	8,294	990	1,575	630	1,683	5,717	1,119	1,137	945
2005	1,148	45,251	8,976	1,089	1,762	603	1,511	5,948	1,244	1,105	1,214
2006	1,318	49,184	9,523	949	1,778	883	1,661	6,423	1,398	1,156	1,210
2007	1,418	52,635	9,793	1,084	1,956	1,065	1,885	6,693	1,365	1,366	2,119
2008	1,592	55,227	10,129	1,146	2,183	1,017	1,932	6,848	1,243	1,466	1,203
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	697	23,832	4,198	642	1,171	381	1,004	3,621	662	664	452
2005	805	26,775	4,918	738	1,345	410	1,053	3,906	754	677	628
2006	990	29,360	5,315	677	1,343	540	1,218	4,378	805	763	610
2007	965	31,213	5,640	790	1,422	631	1,288	4,360	809	849	653
2008	1,070	32,848	5,811	804	1,520	653	1,363	4,707	777	924	611
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	63.2%	57.0%	50.6%	64.8%	74.3%	60.5%	59.7%	63.3%	59.2%	58.4%	47.8%
2005	70.1%	59.2%	54.8%	67.8%	76.3%	68.0%	69.7%	65.7%	60.6%	61.3%	51.7%
2006	75.1%	59.7%	55.8%	71.3%	75.5%	61.2%	73.3%	68.2%	57.6%	66.0%	50.4%
2007	68.1%	59.3%	57.6%	72.9%	72.7%	59.2%	68.3%	65.1%	59.3%	62.2%	30.8%
2008	67.2%	59.5%	57.4%	70.2%	69.6%	64.2%	70.5%	68.7%	62.5%	63.0%	50.8%

Data Source: College Board.



**Table II - 106: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - All Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	533	10,503	1,573	203	997	101	666	814	189	560	341
2005	451	10,848	1,523	220	1,104	134	713	860	154	641	352
2006	418	10,180	1,413	188	999	121	675	834	164	563	380
2007	472	10,788	1,295	208	1,042	198	760	936	152	495	376
2008	487	11,712	1,423	247	1,043	185	894	980	230	608	503
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	368	6,813	900	165	736	50	441	554	129	357	224
2005	334	7,233	877	168	788	65	516	604	118	422	238
2006	349	7,166	965	154	730	73	539	606	128	390	270
2007	377	7,671	919	175	804	114	601	676	126	358	273
2008	406	8,132	1,006	207	795	119	680	682	155	383	315
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	69.0%	64.9%	57.2%	81.3%	73.8%	49.5%	66.2%	68.1%	68.3%	63.8%	65.7%
2005	74.1%	66.7%	57.6%	76.4%	71.4%	48.5%	72.4%	70.2%	76.6%	65.8%	67.6%
2006	83.5%	70.4%	68.3%	81.9%	73.1%	60.3%	79.9%	72.7%	78.0%	69.3%	71.1%
2007	79.9%	71.1%	71.0%	84.1%	77.2%	57.6%	79.1%	72.2%	82.9%	72.3%	72.6%
2008	83.4%	69.4%	70.7%	83.8%	76.2%	64.3%	76.1%	69.6%	67.4%	63.0%	62.6%

Data Source: College Board.

**Table II - 107: Number of Physics C: Mechanical Advanced Placement Test-Takers - All Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,003	21,541	3,751	345	1,286	146	1,205	1,474	369	1,208	764
2005	985	23,055	4,018	371	1,378	194	1,237	1,714	352	1,265	875
2006	985	23,055	4,018	371	1,378	194	1,237	1,714	352	1,265	875
2007	1,160	25,554	3,945	451	1,438	333	1,499	1,796	379	1,352	1,029
2008	1,207	27,237	4,020	472	1,513	360	1,691	1,828	389	1,599	1,215
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	772	14,997	2,379	271	1,045	97	906	1,086	255	847	450
2005	751	15,760	2,407	301	1,124	119	932	1,254	266	913	543
2006	827	16,646	2,456	278	1,188	175	1,020	1,308	297	959	580
2007	912	18,155	2,658	385	1,200	226	1,189	1,399	285	1,009	621
2008	964	19,911	2,843	412	1,243	272	1,363	1,465	312	1,195	785
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	77.0%	69.6%	63.4%	78.6%	81.3%	66.4%	75.2%	73.7%	69.1%	70.1%	58.9%
2005	76.2%	68.4%	59.9%	81.1%	81.6%	61.3%	75.3%	73.2%	75.6%	72.2%	62.1%
2006	84.0%	72.2%	61.1%	74.9%	86.2%	90.2%	82.5%	76.3%	84.4%	75.8%	66.3%
2007	78.6%	71.0%	67.4%	85.4%	83.4%	67.9%	79.3%	77.9%	75.2%	74.6%	60.3%
2008	79.9%	73.1%	70.7%	87.3%	82.2%	75.6%	80.6%	80.1%	80.2%	74.7%	64.6%

Data Source: College Board.



**Table II - 108: Number of Computer Science A Advanced Placement Test-Takers - All Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	439	13,872	2,103	235	422	89	847	1,366	445	472	591
2005	365	13,451	2,095	245	444	137	783	1,186	360	487	535
2006	376	14,108	2,224	220	460	108	740	1,141	365	465	646
2007	398	14,529	2,151	259	465	178	747	1,175	286	488	888
2008	313	15,014	2,135	232	473	112	696	1,050	347	425	859
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	287	7,928	1,193	115	313	56	527	787	173	296	328
2005	251	7,477	1,199	128	291	98	482	634	162	292	317
2006	248	8,227	1,277	151	301	76	476	628	152	320	390
2007	274	8,184	1,220	151	294	116	479	694	131	331	406
2008	220	8,537	1,285	141	287	77	462	567	134	266	402
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	65.4%	57.2%	56.7%	48.9%	74.2%	62.9%	62.2%	57.6%	38.9%	62.7%	55.5%
2005	68.8%	55.6%	57.2%	52.2%	65.5%	71.5%	61.6%	53.5%	45.0%	60.0%	59.3%
2006	66.0%	58.3%	57.4%	68.6%	65.4%	70.4%	64.3%	55.0%	41.6%	68.8%	60.4%
2007	68.8%	56.3%	56.7%	58.3%	63.2%	65.2%	64.1%	59.1%	45.8%	67.8%	45.7%
2008	70.3%	56.9%	60.2%	60.8%	60.7%	68.8%	66.4%	54.0%	38.6%	62.6%	46.8%

Data Source: College Board.

**Table II - 109: Number of Computer Science AB Advanced Placement Test-Takers - All Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	223	5,919	891	92	305	32	335	501	118	282	529
2005	211	4,954	693	66	248	48	292	424	110	229	393
2006	162	4,737	748	57	195	33	295	411	102	212	343
2007	153	4,863	776	56	216	31	269	410	117	203	355
2008	211	4,815	743	81	191	31	297	348	108	212	383
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	149	3,745	607	65	202	20	227	334	70	183	318
2005	155	3,433	506	38	168	24	199	315	67	172	260
2006	124	3,352	559	44	153	21	221	276	47	164	242
2007	119	3,464	584	42	156	17	189	304	60	157	271
2008	173	3,526	602	62	149	21	210	265	49	159	303
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	66.8%	63.3%	68.1%	70.7%	66.2%	62.5%	67.8%	66.7%	59.3%	64.9%	60.1%
2005	73.5%	69.3%	73.0%	57.6%	67.7%	50.0%	68.2%	74.3%	60.9%	75.1%	66.2%
2006	76.5%	70.8%	74.7%	77.2%	78.5%	63.6%	74.9%	67.2%	46.1%	77.4%	70.6%
2007	77.8%	71.2%	75.3%	75.0%	72.2%	54.8%	70.3%	74.1%	51.3%	77.3%	76.3%
2008	82.0%	73.2%	81.0%	76.5%	78.0%	67.7%	70.7%	76.1%	45.4%	75.0%	79.1%

Data Source: College Board.



**Table II - 110: Number of Calculus AB Advanced Placement Test-Takers - Female Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,425	81,521	13,718	1,151	3,431	1,682	2,742	7,447	2,701	2,920	2,701
2005	2,577	86,611	14,569	1,328	3,547	1,723	2,843	7,418	2,928	2,978	2,738
2006	2,703	92,469	15,854	1,413	3,804	2,003	3,097	7,333	3,196	3,234	2,924
2007	2,903	99,538	17,141	1,468	4,019	2,110	3,304	7,836	3,392	3,530	3,353
2008	3,058	104,843	17,699	1,551	4,276	2,099	3,415	8,028	3,522	3,648	3,439
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,512	44,952	7,712	764	2,208	1,010	1,702	4,139	1,414	1,692	1,486
2005	1,632	46,145	8,060	910	2,281	1,034	1,729	4,103	1,461	1,850	1,446
2006	1,859	53,489	9,174	1,074	2,516	1,199	2,142	4,776	1,616	2,062	1,642
2007	1,939	54,094	9,344	1,023	2,571	1,177	2,143	4,719	1,696	2,139	1,798
2008	2,107	59,772	10,021	1,164	2,791	1,304	2,253	5,186	1,947	2,290	2,012
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	62.4%	55.1%	56.2%	66.4%	64.4%	60.0%	62.1%	55.6%	52.4%	57.9%	55.0%
2005	63.3%	53.3%	55.3%	68.5%	64.3%	60.0%	60.8%	55.3%	49.9%	62.1%	52.8%
2006	68.8%	57.8%	57.9%	76.0%	66.1%	59.9%	69.2%	65.1%	50.6%	63.8%	56.2%
2007	66.8%	54.3%	54.5%	69.7%	64.0%	55.8%	64.9%	60.2%	50.0%	60.6%	53.6%
2008	68.9%	57.0%	56.6%	75.0%	65.3%	62.1%	66.0%	64.6%	55.3%	62.8%	58.5%

Data Source: College Board.

**Table II - 111: Number of Calculus BC Advanced Placement Test-Takers - Female Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	576	19,765	3,534	308	1,282	390	752	1,644	781	524	943
2005	629	21,760	3,947	316	1,293	437	828	1,707	873	627	1,037
2006	712	23,038	4,321	350	1,400	546	879	1,762	1,021	604	1,015
2007	738	25,724	5,008	378	1,496	587	988	1,847	1,126	710	1,125
2008	833	27,618	5,173	371	1,498	626	1,135	2,133	1,096	867	1,300
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	511	15,248	2,709	271	1,100	269	627	1,239	614	418	677
2005	542	16,786	3,004	277	1,088	338	719	1,307	673	516	774
2006	591	17,944	3,427	308	1,193	404	743	1,363	763	508	746
2007	628	19,577	3,790	325	1,277	453	837	1,441	805	575	842
2008	702	20,948	3,886	334	1,256	468	954	1,637	781	715	972
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	88.7%	77.1%	76.7%	88.0%	85.8%	69.0%	83.4%	75.4%	78.6%	79.8%	71.8%
2005	86.2%	77.1%	76.1%	87.7%	84.1%	77.3%	86.8%	76.6%	77.1%	82.3%	74.6%
2006	83.0%	77.9%	79.3%	88.0%	85.2%	74.0%	84.5%	77.4%	74.7%	84.1%	73.5%
2007	85.1%	76.1%	75.7%	86.0%	85.4%	77.2%	84.7%	78.0%	71.5%	81.0%	74.8%
2008	84.3%	75.8%	75.1%	90.0%	83.8%	74.8%	84.1%	76.7%	71.3%	82.5%	74.8%

Data Source: College Board.



Table II - 112: Number of Statistics Advanced Placement Test-Takers - Female Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	805	32,525	6,363	602	1,357	644	1,136	1,200	1,974	994	1,505
2005	980	38,240	7,470	695	1,445	768	1,292	2,291	2,481	1,156	1,833
2006	1,152	43,718	8,384	833	1,880	1,006	1,349	2,610	2,750	1,263	1,884
2007	1,316	48,339	8,603	896	2,075	1,327	1,381	3,011	3,159	1,461	1,981
2008	1,499	54,082	9,670	994	2,300	1,428	1,632	3,054	3,253	1,533	2,032
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	513	17,623	3,041	376	954	402	745	1,098	957	685	721
2005	660	21,321	3,696	429	1,006	482	931	1,318	1,260	802	928
2006	756	23,757	4,323	519	1,253	569	892	1,403	1,333	934	875
2007	890	25,855	4,255	532	1,319	759	971	1,645	1,514	1,000	953
2008	994	28,918	4,950	615	1,396	876	1,129	1,698	1,627	1,057	1,000
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	63.7%	54.2%	47.8%	62.5%	70.3%	62.4%	65.6%	91.5%	48.5%	68.9%	47.9%
2005	67.3%	55.8%	49.5%	61.7%	69.6%	62.8%	72.1%	57.5%	50.8%	69.4%	50.6%
2006	65.6%	54.3%	51.6%	62.3%	66.6%	56.6%	66.1%	53.8%	48.5%	74.0%	46.4%
2007	67.6%	53.5%	49.5%	59.4%	63.6%	57.2%	70.3%	54.6%	47.9%	68.4%	48.1%
2008	66.3%	53.5%	51.2%	61.9%	60.7%	61.3%	69.2%	55.6%	50.0%	68.9%	49.2%

Data Source: College Board.

Table II - 113: Number of Biology Advanced Placement Test-Takers - Female Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,475	63,651	11,272	1,264	2,476	841	3,015	6,992	1,977	2,093	2,244
2005	2,371	69,898	12,598	1,515	2,591	893	3,114	7,390	2,232	2,316	2,251
2006	2,596	75,080	13,452	1,419	2,916	1,108	3,154	7,529	2,452	2,484	2,393
2007	2,909	82,298	14,493	1,553	3,125	1,257	3,310	8,366	2,518	2,828	2,633
2008	3,218	88,736	15,089	1,585	3,365	1,309	3,619	8,468	2,646	3,034	3,013
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,416	35,923	6,147	937	1,666	484	1,968	4,386	1,047	1,313	1,239
2005	1,535	39,989	7,096	1,174	1,732	545	2,122	4,751	1,247	1,465	1,337
2006	1,697	42,315	7,618	1,032	1,835	651	2,150	4,832	1,263	1,587	1,407
2007	1,935	46,093	8,338	1,214	1,962	655	2,248	5,410	1,393	1,722	1,397
2008	1,764	40,378	6,942	1,018	1,820	595	2,203	4,545	1,248	1,548	1,320
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	57.2%	56.4%	54.5%	74.1%	67.3%	57.6%	65.3%	62.7%	53.0%	62.7%	55.2%
2005	64.7%	57.2%	56.3%	77.5%	66.8%	61.0%	68.1%	64.3%	55.9%	63.3%	59.4%
2006	65.4%	56.4%	56.6%	72.7%	62.9%	58.8%	68.2%	64.2%	51.5%	63.9%	58.8%
2007	66.5%	56.0%	57.5%	78.2%	62.8%	52.1%	67.9%	64.7%	55.3%	60.9%	53.1%
2008	54.8%	45.5%	46.0%	64.2%	54.1%	45.5%	60.9%	53.7%	47.2%	51.0%	43.8%

Data Source: College Board.



**Table II - 114: Number of Chemistry Advanced Placement Test-Takers - Female Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	899	31,824	5,555	591	1,451	280	1,458	2,439	933	1,370	864
2005	1,065	35,405	5,802	687	1,456	388	1,576	2,564	1,098	1,360	1,037
2006	1,157	39,685	6,396	764	1,810	543	1,738	3,055	1,259	1,527	1,248
2007	1,327	43,858	6,637	752	2,133	721	1,876	3,344	1,293	1,682	1,390
2008	1,479	45,520	6,976	882	2,106	603	1,969	3,405	1,150	1,819	1,444
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	548	16,402	2,740	413	864	148	946	1,442	454	706	475
2005	624	17,213	2,861	444	844	184	961	1,530	535	656	583
2006	693	20,105	3,344	527	1,035	266	1,106	1,943	596	791	639
2007	837	21,437	3,354	490	1,182	342	1,146	2,040	645	867	732
2008	898	21,871	3,502	579	1,174	257	1,175	2,067	622	903	710
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	61.0%	51.5%	49.3%	69.9%	59.5%	52.9%	64.9%	59.1%	48.7%	51.5%	55.0%
2005	58.6%	48.6%	49.3%	64.6%	58.0%	47.4%	61.0%	59.7%	48.7%	48.2%	56.2%
2006	59.9%	50.7%	52.3%	69.0%	57.2%	49.0%	63.6%	63.6%	47.3%	51.8%	51.2%
2007	63.1%	48.9%	50.5%	65.2%	55.4%	47.4%	61.1%	61.0%	49.9%	51.5%	52.7%
2008	60.7%	48.0%	50.2%	65.6%	55.7%	42.6%	59.7%	60.7%	54.1%	49.6%	49.2%

Data Source: College Board.

**Table II - 115: Number of Physics B Advanced Placement Test-Takers - Female Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	326	14,644	3,163	335	572	214	527	2,168	371	382	369
2005	347	16,068	3,405	382	640	204	489	2,381	416	397	429
2006	437	17,330	3,502	336	644	296	541	2,543	480	389	397
2007	436	18,436	3,532	410	744	368	648	2,645	430	461	389
2008	466	19,261	3,701	401	779	338	658	2,573	377	483	387
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	186	6,909	1,324	192	358	93	289	1,191	185	177	137
2005	216	7,831	1,469	227	428	121	281	1,342	217	206	168
2006	280	8,887	1,680	217	429	158	368	1,511	243	209	166
2007	260	9,247	1,746	278	475	186	412	1,506	228	219	144
2008	272	9,658	1,793	275	488	185	385	1,526	210	239	158
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	57.1%	47.2%	41.9%	57.3%	62.6%	43.5%	54.8%	54.9%	49.9%	46.3%	37.1%
2005	62.2%	48.7%	43.1%	59.4%	66.9%	59.3%	57.5%	56.4%	52.2%	51.9%	39.2%
2006	64.1%	51.3%	48.0%	64.6%	66.6%	53.4%	68.0%	59.4%	50.6%	53.7%	41.8%
2007	59.6%	50.2%	49.4%	67.8%	63.8%	50.5%	63.6%	56.9%	53.0%	47.5%	37.0%
2008	58.4%	50.1%	48.4%	68.6%	62.6%	54.7%	58.5%	59.3%	55.7%	49.5%	40.8%

Data Source: College Board.



Table II - 116: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Female Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	121	2,325	412	47	231	23	141	201	47	94	76
2005	85	2,529	448	57	231	35	164	231	34	129	80
2006	96	2,260	356	52	237	31	124	203	43	99	70
2007	123	2,430	319	49	228	59	168	209	31	95	85
2008	94	2,790	366	74	254	47	214	287	56	126	124
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	85	1,356	192	35	169	10	95	111	27	42	47
2005	65	1,548	221	37	153	14	120	131	24	77	56
2006	77	1,461	214	38	151	16	97	141	33	69	40
2007	96	1,570	205	34	158	31	127	140	26	63	54
2008	71	1,754	239	59	165	31	155	179	36	74	63
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	70.2%	58.3%	46.6%	74.5%	73.2%	43.5%	67.4%	55.2%	57.4%	44.7%	61.8%
2005	76.5%	61.2%	49.3%	64.9%	66.2%	40.0%	73.2%	56.7%	70.6%	59.7%	70.0%
2006	80.2%	64.6%	60.1%	73.1%	63.7%	51.6%	78.2%	69.5%	76.7%	69.7%	57.1%
2007	78.0%	64.6%	64.3%	69.4%	69.3%	52.5%	75.6%	67.0%	83.9%	66.3%	63.5%
2008	75.5%	62.9%	65.3%	79.7%	65.0%	66.0%	72.4%	62.4%	64.3%	58.7%	50.8%

Data Source: College Board.

Table II - 117: Number of Physics C: Mechanical Advanced Placement Test-Takers - Female Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	264	5,555	1,180	79	289	39	295	402	98	262	219
2005	260	6,188	1,325	101	278	51	320	476	92	282	218
2006	296	6,235	1,093	81	356	66	329	517	115	293	201
2007	344	6,860	1,220	103	322	89	403	496	85	320	295
2008	285	7,320	1,235	123	366	100	443	550	97	410	335
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	202	3,392	629	56	232	26	207	271	55	153	103
2005	180	3,644	676	75	206	28	214	309	61	185	116
2006	213	3,695	594	66	254	30	224	337	77	195	106
2007	251	4,267	706	82	243	55	296	353	56	221	142
2008	212	4,639	729	100	272	68	333	408	68	278	179
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	76.5%	61.1%	53.3%	70.9%	80.3%	66.7%	70.2%	67.4%	56.1%	58.4%	47.0%
2005	69.2%	58.9%	51.0%	74.3%	74.1%	54.9%	66.9%	64.9%	66.3%	65.6%	53.2%
2006	72.0%	59.3%	54.3%	81.5%	71.3%	45.5%	68.1%	65.2%	67.0%	66.6%	52.7%
2007	73.0%	62.2%	57.9%	79.6%	75.5%	61.8%	73.4%	71.2%	65.9%	69.1%	48.1%
2008	74.4%	63.4%	59.0%	81.3%	74.3%	68.0%	75.2%	74.2%	70.1%	67.8%	53.4%

Data Source: College Board.



**Table II - 118: Number of Computer Science A Advanced Placement Test-Takers - Female Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	69	2,252	394	32	45	8	121	210	86	49	81
2005	61	2,218	405	35	59	8	110	219	56	42	73
2006	65	2,495	452	44	70	14	111	190	66	37	104
2007	54	2,665	463	39	73	18	117	187	62	32	148
2008	41	2,789	441	51	64	20	107	179	84	40	137
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	41	1,037	207	13	35	4	56	94	13	28	32
2005	40	1,048	227	16	26	6	56	93	14	20	38
2006	35	1,251	234	30	26	13	65	91	20	20	53
2007	29	1,262	234	26	40	10	64	85	21	21	55
2008	32	1,450	246	32	35	11	73	96	16	21	63
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	59.4%	46.0%	52.5%	40.6%	77.8%	50.0%	46.3%	44.8%	15.1%	57.1%	39.5%
2005	65.6%	47.2%	56.0%	45.7%	44.1%	75.0%	50.9%	42.5%	25.0%	47.6%	52.1%
2006	53.8%	50.1%	51.8%	68.2%	37.1%	92.9%	58.6%	47.9%	30.3%	54.1%	51.0%
2007	53.7%	47.4%	50.5%	66.7%	54.8%	55.6%	54.7%	45.5%	33.9%	65.6%	37.2%
2008	78.0%	52.0%	55.8%	62.7%	54.7%	55.0%	68.2%	53.6%	19.0%	52.5%	46.0%

Data Source: College Board.

**Table II - 119: Number of Computer Science AB Advanced Placement Test-Takers - Female Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	26	628	113	4	19	4	33	79	10	23	63
2005	19	500	93	5	20	6	22	42	7	14	39
2006	13	499	106	6	16	2	29	48	13	26	27
2007	17	591	119	3	24	4	32	60	13	14	51
2008	24	615	117	11	17	2	40	63	30	18	52
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	15	390	85	3	11	2	21	46	3	13	42
2005	16	352	73	2	13	2	19	31	5	8	24
2006	6	343	84	4	11	0	22	31	2	23	18
2007	14	413	88	0	14	0	19	47	5	13	45
2008	22	447	92	10	14	0	28	45	6	13	45
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	57.7%	62.1%	75.2%	75.0%	57.9%	50.0%	63.6%	58.2%	30.0%	56.5%	66.7%
2005	84.2%	70.4%	78.5%	40.0%	65.0%	33.3%	86.4%	73.8%	71.4%	57.1%	61.5%
2006	46.2%	68.7%	79.2%	66.7%	68.8%	0.0%	75.9%	64.6%	15.4%	88.5%	66.7%
2007	82.4%	69.9%	73.9%	0.0%	58.3%	0.0%	59.4%	78.3%	38.5%	92.9%	88.2%
2008	91.7%	72.7%	78.6%	90.9%	82.4%	0.0%	70.0%	71.4%	20.0%	72.2%	86.5%

Data Source: College Board.



Table II - 120: Number of Calculus AB Advanced Placement Test-Takers - Male Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,738	88,809	13,761	1,483	3,524	2,010	3,342	7,368	2,671	3,693	2,701
2005	2,773	94,050	15,013	1,470	3,706	1,924	3,447	7,073	2,825	3,876	2,892
2006	2,933	98,485	15,727	1,621	3,930	2,074	3,577	7,327	3,038	3,813	2,953
2007	3,298	105,008	16,965	1,673	4,121	2,316	3,721	7,574	3,162	4,222	3,093
2008	3,365	110,243	17,437	1,692	4,327	2,338	4,032	7,709	3,344	4,338	3,379
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,942	55,589	8,889	1,060	2,541	1,327	2,249	4,686	1,532	2,492	1,603
2005	1,980	57,978	9,668	1,067	2,641	1,288	2,302	4,420	1,665	2,683	1,698
2006	2,148	63,009	10,461	1,253	2,850	1,358	2,516	5,043	1,717	2,757	1,828
2007	2,489	65,294	10,709	1,270	2,877	1,425	2,561	5,036	1,867	2,921	1,832
2008	2,515	70,641	11,380	1,329	3,082	1,557	2,886	5,235	2,027	3,091	2,139
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	70.9%	62.6%	64.6%	71.5%	72.1%	66.0%	67.3%	63.6%	57.4%	67.5%	59.3%
2005	71.4%	61.6%	64.4%	72.6%	71.3%	66.9%	66.8%	62.5%	58.9%	69.2%	58.7%
2006	73.2%	64.0%	66.5%	77.3%	72.5%	65.5%	70.3%	68.8%	56.5%	72.3%	61.9%
2007	75.5%	62.2%	63.1%	75.9%	69.8%	61.5%	68.8%	66.5%	59.0%	69.2%	59.2%
2008	74.7%	64.1%	65.3%	78.5%	71.2%	66.6%	71.6%	67.9%	60.6%	71.3%	63.3%

Data Source: College Board.

Table II - 121: Number of Calculus BC Advanced Placement Test-Takers - Male Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	993	29,567	4,746	530	1,949	529	1,240	2,199	1,041	1,009	1,350
2005	1,030	31,597	5,119	468	2,035	699	1,376	2,277	1,077	1,014	1,494
2006	1,124	34,281	5,751	498	2,158	748	1,448	2,363	1,267	1,169	1,570
2007	1,148	36,890	6,495	594	2,190	827	1,608	2,528	1,418	1,274	1,638
2008	1,342	39,167	6,660	540	2,145	940	1,800	2,679	1,462	1,394	1,662
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	877	23,953	3,882	477	1,712	387	1,055	1,743	835	877	1,065
2005	937	26,308	4,267	422	1,778	574	1,232	1,896	879	885	1,225
2006	995	28,528	4,861	460	1,934	575	1,295	2,017	1,016	1,048	1,231
2007	1,010	30,417	5,346	556	1,928	656	1,428	2,150	1,106	1,108	1,322
2008	1,209	32,422	5,553	475	1,906	771	1,604	2,232	1,146	1,239	1,331
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	88.3%	81.0%	81.8%	90.0%	87.8%	73.2%	85.1%	79.3%	80.2%	86.9%	78.9%
2005	91.0%	83.3%	83.4%	90.2%	87.4%	82.1%	89.5%	83.3%	81.6%	87.3%	82.0%
2006	88.5%	83.2%	84.5%	92.4%	89.6%	76.9%	89.4%	85.4%	80.2%	89.6%	78.4%
2007	88.0%	82.5%	82.3%	93.6%	88.0%	79.3%	88.8%	85.0%	78.0%	87.0%	80.7%
2008	90.1%	82.8%	83.4%	88.0%	88.9%	82.0%	89.1%	83.3%	78.4%	88.9%	80.1%

Data Source: College Board.



Table II - 122: Number of Statistics Advanced Placement Test-Takers - Male Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	836	32,538	5,971	624	1,472	751	1,486	1,979	1,776	1,144	1,456
2005	1,101	37,428	6,847	739	1,593	851	1,503	2,261	2,196	1,278	1,597
2006	1,361	43,164	7,977	858	1,864	1,051	1,741	2,459	2,335	1,444	1,818
2007	1,557	47,943	7,948	967	2,068	1,427	1,858	3,154	2,789	1,675	1,957
2008	1,669	52,452	8,972	1,047	2,326	1,502	1,984	3,107	2,779	1,821	1,920
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	663	21,291	3,720	447	1,142	562	1,067	1,293	943	873	861
2005	851	24,509	4,289	526	1,244	602	1,141	1,526	1,266	989	923
2006	1,017	28,411	5,168	604	1,403	715	1,257	1,661	1,339	1,165	1,009
2007	1,175	30,553	4,926	716	1,469	922	1,402	2,048	1,536	1,308	1,112
2008	1,262	34,010	5,759	799	1,628	1,050	1,578	2,034	1,642	1,437	1,120
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	79.3%	65.4%	62.3%	71.6%	77.6%	74.8%	71.8%	65.3%	53.1%	76.3%	59.1%
2005	77.3%	65.5%	62.6%	71.2%	78.1%	70.7%	75.9%	67.5%	57.7%	77.4%	57.8%
2006	74.7%	65.8%	64.8%	70.4%	75.3%	68.0%	72.2%	67.5%	57.3%	80.7%	55.5%
2007	75.5%	63.7%	62.0%	74.0%	71.0%	64.6%	75.5%	64.9%	55.1%	78.1%	56.8%
2008	75.6%	64.8%	64.2%	76.3%	70.0%	69.9%	79.5%	65.5%	59.1%	78.9%	58.3%

Data Source: College Board.

Table II - 123: Number of Biology Advanced Placement Test-Takers - Male Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,402	45,237	8,668	945	1,745	617	2,067	4,771	1,286	1,544	1,332
2005	1,500	48,930	9,496	961	1,825	667	2,200	4,943	1,417	1,765	1,338
2006	1,667	53,616	10,353	1,038	2,012	907	2,272	5,308	1,532	1,853	1,496
2007	1,879	59,023	11,315	1,067	2,282	984	2,438	5,670	1,766	2,091	1,654
2008	1,970	61,988	11,523	1,070	2,265	1,042	2,500	5,843	1,742	2,133	1,762
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,117	30,246	5,679	772	1,313	401	1,485	3,339	788	1,124	878
2005	1,138	32,443	6,174	795	1,370	465	1,639	3,541	910	1,252	905
2006	1,277	35,875	6,916	801	1,493	610	1,725	3,865	966	1,359	997
2007	1,475	39,360	7,678	902	1,637	627	1,880	4,176	1,162	1,516	1,069
2008	1,349	34,667	6,591	787	1,392	577	1,704	3,574	972	1,313	979
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	79.7%	66.9%	65.5%	81.7%	75.2%	65.0%	71.8%	70.0%	61.3%	72.8%	65.9%
2005	75.9%	66.3%	65.0%	82.7%	75.1%	69.7%	74.5%	71.6%	64.2%	70.9%	67.6%
2006	76.6%	66.9%	66.8%	77.2%	74.2%	67.3%	75.9%	72.8%	63.1%	73.3%	66.6%
2007	78.5%	66.7%	67.9%	84.5%	71.7%	63.7%	77.1%	73.7%	65.8%	72.5%	64.6%
2008	68.5%	55.9%	57.2%	73.6%	61.5%	55.4%	68.2%	61.2%	55.8%	61.6%	55.6%

Data Source: College Board.



Table II - 124: Number of Chemistry Advanced Placement Test-Takers - Male Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,056	37,208	6,224	692	1,814	413	1,838	2,724	970	1,600	1,004
2005	1,244	40,394	6,472	758	1,840	477	1,928	2,836	1,170	1,561	1,027
2006	1,330	44,644	7,105	906	2,106	623	2,023	3,276	1,278	1,775	1,306
2007	1,511	49,449	7,530	919	2,299	832	2,235	3,603	1,279	1,898	1,522
2008	1,684	50,938	7,888	938	2,261	810	2,352	3,445	1,388	2,050	1,406
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	713	22,561	3,486	504	1,309	266	1,313	1,828	568	958	659
2005	865	24,814	3,929	560	1,331	294	1,360	1,982	687	1,037	690
2006	1,005	28,146	4,419	696	1,458	384	1,529	2,422	755	1,176	862
2007	1,110	30,293	4,699	690	1,570	481	1,629	2,551	801	1,260	995
2008	1,224	31,232	4,945	705	1,517	478	1,726	2,454	902	1,361	880
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	67.5%	60.6%	56.0%	72.8%	72.2%	64.4%	71.4%	67.1%	58.6%	59.9%	65.6%
2005	69.5%	61.4%	60.7%	73.9%	72.3%	61.6%	70.5%	69.9%	58.7%	66.4%	67.2%
2006	75.6%	63.0%	62.2%	76.8%	69.2%	61.6%	75.6%	73.9%	59.1%	66.3%	66.0%
2007	73.5%	61.3%	62.4%	75.1%	68.3%	57.8%	72.9%	70.8%	62.6%	66.4%	65.4%
2008	72.7%	61.3%	62.7%	75.2%	67.1%	59.0%	73.4%	71.2%	65.0%	66.4%	62.6%

Data Source: College Board.

Table II - 125: Number of Physics B Advanced Placement Test-Takers - Male Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	777	27,200	5,131	655	1,003	416	1,056	3,549	748	755	576
2005	801	29,183	5,571	707	1,122	399	1,022	3,567	828	708	785
2006	881	31,854	6,021	613	1,134	587	1,120	3,880	918	767	813
2007	982	34,199	6,261	674	1,212	697	1,237	4,048	935	905	830
2008	1,126	35,966	6,428	745	1,404	679	1,274	4,275	866	983	816
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	511	16,923	2,874	450	813	288	715	2,430	477	487	315
2005	589	18,944	3,449	511	917	289	772	2,564	537	471	460
2006	710	20,473	3,635	460	914	382	850	2,867	562	554	444
2007	705	21,966	3,894	512	947	445	876	2,854	581	630	509
2008	798	23,190	4,018	529	1,032	468	978	3,181	567	685	453
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	65.8%	62.2%	56.0%	68.7%	81.1%	69.2%	67.7%	68.5%	63.8%	64.5%	54.7%
2005	73.5%	64.9%	61.9%	72.3%	81.7%	72.4%	75.5%	71.9%	64.9%	66.5%	58.6%
2006	80.6%	64.3%	60.4%	75.0%	80.6%	65.1%	75.9%	73.9%	61.2%	72.2%	54.6%
2007	71.8%	64.2%	62.2%	76.0%	78.1%	63.8%	70.8%	70.5%	62.1%	69.6%	61.3%
2008	70.9%	64.5%	62.5%	71.0%	73.5%	68.9%	76.8%	74.4%	65.5%	69.7%	55.5%

Data Source: College Board.



**Table II - 126: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Male Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	412	8,178	1,161	156	766	78	525	613	142	466	265
2005	366	8,319	1,075	163	873	99	549	629	120	512	272
2006	322	7,920	1,057	136	762	90	551	631	121	464	310
2007	349	8,358	976	159	814	139	592	727	121	400	291
2008	393	8,922	1,057	173	789	138	680	693	174	482	379
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	283	5,457	708	130	567	40	346	443	102	315	177
2005	269	5,685	656	131	635	51	396	473	94	345	182
2006	272	5,705	751	116	579	57	442	465	95	321	230
2007	281	6,101	714	141	646	83	474	536	100	295	219
2008	335	6,378	767	148	630	88	525	503	119	309	252
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.7%	66.7%	61.0%	83.3%	74.0%	51.3%	65.9%	72.3%	71.8%	67.6%	66.8%
2005	73.5%	68.3%	61.0%	80.4%	72.7%	51.5%	72.1%	75.2%	78.3%	67.4%	66.9%
2006	84.5%	72.0%	71.1%	85.3%	76.0%	63.3%	80.2%	73.7%	78.5%	69.2%	74.2%
2007	80.5%	73.0%	73.2%	88.7%	79.4%	59.7%	80.1%	73.7%	82.6%	73.8%	75.3%
2008	85.2%	71.5%	72.6%	85.5%	79.8%	63.8%	77.2%	72.6%	68.4%	64.1%	66.5%

Data Source: College Board.

**Table II - 127: Number of Physics C: Mechanical Advanced Placement Test-Takers - Male Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	739	15,986	2,571	266	997	107	910	1,072	271	946	545
2005	725	16,867	2,693	270	1,100	143	917	1,238	260	983	657
2006	751	17,638	2,692	244	1,083	190	999	1,272	271	976	696
2007	816	18,694	2,725	348	1,116	244	1,096	1,300	294	1,032	734
2008	922	19,917	2,785	349	1,147	260	1,248	1,278	292	1,189	880
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	570	11,605	1,750	215	813	71	699	815	200	694	347
2005	571	12,116	1,731	226	918	91	718	945	205	728	427
2006	614	12,951	1,862	212	934	145	796	971	220	764	474
2007	661	13,888	1,952	303	957	171	893	1,046	229	788	479
2008	752	15,272	2,114	312	971	204	1,030	1,057	244	917	606
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	77.1%	72.6%	68.1%	80.8%	81.5%	66.4%	76.8%	76.0%	73.8%	73.4%	63.7%
2005	78.8%	71.8%	64.3%	83.7%	83.5%	63.6%	78.3%	76.3%	78.8%	74.1%	65.0%
2006	81.8%	73.4%	69.2%	86.9%	86.2%	76.3%	79.7%	76.3%	81.2%	78.3%	68.1%
2007	81.0%	74.3%	71.6%	87.1%	85.8%	70.1%	81.5%	80.5%	77.9%	76.4%	65.3%
2008	81.6%	76.7%	75.9%	89.4%	84.7%	78.5%	82.5%	82.7%	83.6%	77.1%	68.9%

Data Source: College Board.



**Table II - 128: Number of Computer Science A Advanced Placement Test-Takers - Male Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	370	11,620	1,709	203	377	81	726	1,156	359	423	510
2005	304	11,233	1,690	210	385	129	673	967	304	445	462
2006	311	11,613	1,772	176	390	94	629	951	299	428	542
2007	344	11,864	1,688	220	392	160	630	988	224	456	740
2008	272	12,225	1,694	181	409	92	589	871	263	385	722
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	246	6,891	986	102	278	52	471	693	160	268	296
2005	211	6,429	972	112	265	92	426	541	148	272	279
2006	213	6,976	1,043	121	275	63	411	537	132	300	337
2007	245	6,922	986	125	254	106	415	609	110	310	351
2008	188	7,087	1,039	109	252	66	389	471	118	245	339
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	66.5%	59.3%	57.7%	50.2%	73.7%	64.2%	64.9%	59.9%	44.6%	63.4%	58.0%
2005	69.4%	57.2%	57.5%	53.3%	68.8%	71.3%	63.3%	55.9%	48.7%	61.1%	60.4%
2006	68.5%	60.1%	58.9%	68.8%	70.5%	67.0%	65.3%	56.5%	44.1%	70.1%	62.2%
2007	71.2%	58.3%	58.4%	56.8%	64.8%	66.3%	65.9%	61.6%	49.1%	68.0%	47.4%
2008	69.1%	58.0%	61.3%	60.2%	61.6%	71.7%	66.0%	54.1%	44.9%	63.6%	47.0%

Data Source: College Board.

**Table II - 129: Number of Computer Science AB Advanced Placement Test-Takers - Male Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	197	5,291	778	88	286	28	302	422	108	259	466
2005	192	4,454	600	61	228	42	270	382	103	215	354
2006	149	4,238	642	51	179	31	266	363	89	186	316
2007	136	4,272	657	53	192	27	237	350	104	189	304
2008	187	4,200	626	70	174	29	257	285	78	194	331
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	134	3,355	522	62	191	18	206	288	67	170	276
2005	139	3,081	433	36	155	22	180	284	62	164	236
2006	118	3,009	475	40	142	20	199	245	45	141	224
2007	105	3,051	496	39	142	16	170	257	55	144	226
2008	151	3,079	510	52	135	21	182	220	43	146	258
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.0%	63.4%	67.1%	70.5%	66.8%	64.3%	68.2%	68.2%	62.0%	65.6%	59.2%
2005	72.4%	69.2%	72.2%	59.0%	68.0%	52.4%	66.7%	74.3%	60.2%	76.3%	66.7%
2006	79.2%	71.0%	74.0%	78.4%	79.3%	64.5%	74.8%	67.5%	50.6%	75.8%	70.9%
2007	77.2%	71.4%	75.5%	73.6%	74.0%	59.3%	71.7%	73.4%	52.9%	76.2%	74.3%
2008	80.7%	73.3%	81.5%	74.3%	77.6%	72.4%	70.8%	77.2%	55.1%	75.3%	77.9%

Data Source: College Board.



**Table II - 130: Number of Calculus AB Advanced Placement Test-Takers - Asian Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	613	25,111	9,737	270	972	268	1,227	2,211	338	565	691
2005	687	27,134	10,622	315	972	266	1,296	2,243	346	622	803
2006	719	29,049	11,317	326	1,023	293	1,425	2,446	384	649	786
2007	839	31,922	12,152	363	1,054	339	1,574	2,650	401	756	964
2008	898	33,147	12,309	424	1,160	356	1,596	2,527	457	805	1,091
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	423	15,788	6,105	186	672	147	909	1,394	193	369	340
2005	469	16,941	6,697	214	659	159	926	1,401	189	417	424
2006	517	19,281	7,583	267	714	155	1,107	1,667	216	476	433
2007	584	20,302	7,729	283	704	187	1,165	1,754	227	513	544
2008	675	21,942	8,133	342	818	214	1,187	1,764	280	563	653
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	69.0%	62.9%	62.7%	68.9%	69.1%	54.9%	74.1%	63.0%	57.1%	65.3%	49.2%
2005	68.3%	62.4%	63.0%	67.9%	67.8%	59.8%	71.5%	62.5%	54.6%	67.0%	52.8%
2006	71.9%	66.4%	67.0%	81.9%	69.8%	52.9%	77.7%	68.2%	56.3%	73.3%	55.1%
2007	69.6%	63.6%	63.6%	78.0%	66.8%	55.2%	74.0%	66.2%	56.6%	67.9%	56.4%
2008	75.2%	66.2%	66.1%	80.7%	70.5%	60.1%	74.4%	69.8%	61.3%	69.9%	59.9%

Data Source: College Board.

**Table II - 131: Number of Calculus BC Advanced Placement Test-Takers - Asian Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	368	12,127	3,884	180	704	118	694	1,100	258	246	514
2005	401	13,697	4,362	178	736	127	741	1,204	286	304	618
2006	430	14,721	4,805	224	793	161	861	1,290	304	306	586
2007	503	16,794	5,634	216	872	179	919	1,353	370	372	701
2008	569	18,066	5,724	231	822	222	1,058	1,483	408	452	792
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	330	9,904	3,197	159	648	90	604	861	205	221	373
2005	364	11,452	3,662	155	665	102	677	976	229	258	469
2006	385	12,387	4,065	205	720	119	792	1,062	256	268	437
2007	453	13,860	4,638	196	769	141	820	1,131	299	316	543
2008	511	14,886	4,736	200	733	82	946	1,234	318	385	587
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	89.7%	81.7%	82.3%	88.3%	92.0%	76.3%	87.0%	78.3%	79.5%	89.8%	72.6%
2005	90.8%	83.6%	84.0%	87.1%	90.4%	80.3%	91.4%	81.1%	80.1%	84.9%	75.9%
2006	89.5%	84.1%	84.6%	91.5%	90.8%	73.9%	92.0%	82.3%	84.2%	87.6%	74.6%
2007	90.1%	82.5%	82.3%	90.7%	88.2%	78.8%	89.2%	83.6%	80.8%	84.9%	77.5%
2008	89.8%	82.4%	82.7%	86.6%	89.2%	36.9%	89.4%	83.2%	77.9%	85.2%	74.1%

Data Source: College Board.



Table II - 132: Number of Statistics Advanced Placement Test-Takers - Asian Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	244	10,416	3,988	118	452	108	638	639	222	198	407
2005	271	12,184	4,681	139	512	107	713	705	315	253	442
2006	343	14,142	5,467	160	575	167	809	836	358	246	524
2007	435	15,410	5,423	221	674	198	856	1,076	429	340	554
2008	476	17,480	6,150	245	760	238	956	1,136	457	446	596
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	175	6,618	2,342	87	348	64	475	419	131	150	218
2005	190	7,949	2,874	95	373	86	573	512	196	194	225
2006	244	9,336	3,456	115	421	90	604	543	207	186	264
2007	313	10,040	3,351	166	495	117	645	690	268	250	317
2008	344	11,833	3,970	190	555	141	764	789	311	310	372
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	71.7%	63.5%	58.7%	73.7%	77.0%	59.3%	74.5%	65.6%	59.0%	75.8%	53.6%
2005	70.1%	65.2%	61.4%	68.3%	72.9%	80.4%	80.4%	72.6%	62.2%	76.7%	50.9%
2006	71.1%	66.0%	63.2%	71.9%	73.2%	53.9%	74.7%	65.0%	57.8%	75.6%	50.4%
2007	72.0%	65.2%	61.8%	75.1%	73.4%	59.1%	75.4%	64.1%	62.5%	73.5%	57.2%
2008	72.3%	67.7%	64.6%	77.6%	73.0%	59.2%	79.9%	69.5%	68.1%	69.5%	62.4%

Data Source: College Board.

Table II - 133: Number of Biology Advanced Placement Test-Takers - Asian Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	482	18,754	7,353	232	806	130	1,176	1,624	218	343	563
2005	540	20,921	8,339	230	865	144	1,323	1,640	258	389	600
2006	612	23,059	8,818	282	931	197	1,425	1,890	327	435	693
2007	713	25,215	9,490	286	1,012	235	1,462	2,145	372	544	797
2008	719	27,128	10,102	309	1,114	195	1,548	2,068	419	580	909
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	361	12,545	4,643	182	622	70	892	1,141	148	245	319
2005	414	14,370	5,428	180	661	86	1,020	1,229	171	279	388
2006	466	15,817	5,984	221	676	126	1,111	1,375	217	326	419
2007	549	17,555	6,533	238	768	110	1,150	1,592	252	387	500
2008	517	16,036	5,852	227	726	88	1,125	1,281	263	378	485
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	74.9%	66.9%	63.1%	78.4%	77.2%	53.8%	75.9%	70.3%	67.9%	71.4%	56.7%
2005	76.7%	68.7%	65.1%	78.3%	76.4%	59.7%	77.1%	74.9%	66.3%	71.7%	64.7%
2006	76.1%	68.6%	67.9%	78.4%	72.6%	64.0%	78.0%	72.8%	66.4%	74.9%	60.5%
2007	77.0%	69.6%	68.8%	83.2%	75.9%	46.8%	78.7%	74.2%	67.7%	71.1%	62.7%
2008	71.9%	59.1%	57.9%	73.5%	65.2%	45.1%	72.7%	61.9%	62.8%	65.2%	53.4%

Data Source: College Board.



Table II - 134: Number of Chemistry Advanced Placement Test-Takers - Asian Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	353	14,202	5,063	213	764	87	891	1,007	194	343	404
2005	417	15,924	5,428	250	761	119	1,042	1,010	245	386	491
2006	495	17,525	5,899	275	868	135	1,114	1,299	280	450	567
2007	567	19,463	6,140	2,882	954	195	1,230	1,555	305	495	689
2008	711	21,023	6,578	359	1,031	176	1,333	1,543	327	554	729
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	259	9,156	2,934	157	536	53	694	724	136	227	245
2005	295	10,323	3,327	181	534	56	786	739	178	269	311
2006	390	11,592	3,717	215	634	78	852	1,006	184	305	352
2007	447	12,894	3,837	226	696	110	961	1,115	205	353	437
2008	522	13,572	4,112	262	686	108	1,011	1,156	233	375	462
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	73.4%	64.5%	57.9%	73.7%	70.2%	60.9%	77.9%	71.9%	70.1%	66.2%	60.6%
2005	70.7%	64.8%	61.3%	72.4%	70.2%	47.1%	75.4%	73.2%	72.7%	69.7%	63.3%
2006	78.8%	66.1%	63.0%	78.2%	73.0%	57.8%	76.5%	77.4%	65.7%	67.8%	62.1%
2007	78.8%	66.2%	62.5%	7.8%	73.0%	56.4%	78.1%	71.7%	67.2%	71.3%	63.4%
2008	73.4%	64.6%	62.5%	73.0%	66.5%	61.4%	75.8%	74.9%	71.3%	67.7%	63.4%

Data Source: College Board.

Table II - 135: Number of Physics B Advanced Placement Test-Takers - Asian Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	201	7,705	3,082	89	351	89	294	863	111	129	132
2005	175	8,495	3,353	133	388	50	325	1,052	147	129	172
2006	226	9,317	3,611	143	373	101	371	1,071	125	133	145
2007	271	10,010	3,707	151	441	98	408	1,068	161	166	179
2008	312	10,829	3,792	153	427	116	418	1,188	156	195	174
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	119	4,401	1,553	61	234	40	217	548	74	81	54
2005	114	5,367	1,917	96	312	27	240	759	97	90	84
2006	157	5,827	2,089	106	283	52	293	758	78	75	72
2007	193	6,445	2,254	117	333	61	301	765	108	95	95
2008	214	6,954	2,378	113	340	74	294	829	104	114	98
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	59.2%	57.1%	50.4%	68.5%	66.7%	44.9%	73.8%	63.5%	66.7%	62.8%	40.9%
2005	65.1%	63.2%	57.2%	72.2%	80.4%	54.0%	73.8%	72.1%	66.0%	69.8%	48.8%
2006	69.5%	62.5%	57.9%	74.1%	75.9%	51.5%	79.0%	70.8%	62.4%	56.4%	49.7%
2007	71.2%	64.4%	60.8%	77.5%	75.5%	62.2%	73.8%	71.6%	67.1%	57.2%	53.1%
2008	68.6%	64.2%	62.7%	73.9%	79.6%	63.8%	70.3%	69.8%	66.7%	58.5%	56.3%

Data Source: College Board.



**Table II - 136: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Asian Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	143	2,620	653	46	200	20	206	202	40	67	87
2005	108	2,763	686	57	231	18	224	213	37	70	97
2006	107	2,693	611	56	190	24	231	267	39	93	92
2007	123	2,944	653	52	234	37	283	240	41	60	108
2008	134	3,168	682	71	216	19	281	273	56	96	152
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	103	1,749	372	40	155	9	157	134	31	43	54
2005	85	1,926	396	48	174	10	180	150	29	53	64
2006	98	1,984	420	47	143	14	189	190	31	70	78
2007	103	2,213	471	48	165	21	235	175	34	50	83
2008	109	2,297	492	58	159	10	230	198	34	70	96
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	72.0%	66.8%	57.0%	87.0%	77.5%	45.0%	76.2%	66.3%	77.5%	64.2%	62.1%
2005	78.7%	69.7%	57.7%	84.2%	75.3%	55.6%	80.4%	70.4%	78.4%	75.7%	66.0%
2006	91.6%	73.7%	68.7%	83.9%	75.3%	58.3%	81.8%	71.2%	79.5%	75.3%	84.8%
2007	83.7%	75.2%	72.1%	92.3%	70.5%	56.8%	83.0%	72.9%	82.9%	83.3%	76.9%
2008	81.3%	72.5%	72.1%	81.7%	73.6%	52.6%	81.9%	72.5%	60.7%	72.9%	63.2%

Data Source: College Board.

**Table II - 137: Number of Physics C: Mechanical Advanced Placement Test-Takers - Asian Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	220	4,640	1,420	67	241	25	373	282	64	125	146
2005	187	5,088	1,591	84	260	26	336	316	66	142	215
2006	209	5,267	1,489	87	258	38	402	397	72	173	209
2007	264	5,892	1,672	87	307	62	463	353	78	187	236
2008	247	6,210	1,602	102	285	42	490	376	77	232	313
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	170	3,362	902	55	197	14	314	215	47	94	86
2005	154	3,627	968	69	225	15	270	248	51	116	118
2006	180	3,831	979	79	208	24	336	294	54	138	135
2007	223	4,418	1,140	79	263	37	401	282	59	150	151
2008	209	4,749	1,137	94	229	31	400	318	66	182	208
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	77.3%	72.5%	63.5%	82.1%	81.7%	56.0%	84.2%	76.2%	73.4%	75.2%	58.9%
2005	82.4%	71.3%	60.8%	82.1%	86.5%	57.7%	80.4%	78.5%	77.3%	81.7%	54.9%
2006	86.1%	72.7%	65.7%	90.8%	80.6%	63.2%	83.6%	74.1%	75.0%	79.8%	64.6%
2007	84.5%	75.0%	68.2%	90.8%	85.7%	59.7%	86.6%	79.9%	75.6%	80.2%	64.0%
2008	84.6%	76.5%	71.0%	92.2%	80.4%	73.8%	81.6%	84.6%	85.7%	78.4%	66.5%

Data Source: College Board.



**Table II - 138: Number of Computer Science A Advanced Placement Test-Takers - Asian Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	91	2,849	929	34	68	12	174	287	44	35	84
2005	72	2,737	945	32	91	13	171	213	35	59	75
2006	92	2,846	931	32	82	7	157	225	32	38	89
2007	88	3,319	1,055	39	83	21	167	268	34	38	217
2008	94	3,556	1,019	32	86	16	183	236	32	47	214
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	56	1,689	531	16	54	6	113	174	16	22	46
2005	47	1,601	553	17	67	10	103	129	18	37	28
2006	55	1,733	517	26	57	6	113	146	12	26	48
2007	59	1,984	639	25	57	12	109	165	10	28	79
2008	67	2,169	628	18	51	10	132	129	13	23	84
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	61.5%	59.3%	57.2%	47.1%	79.4%	50.0%	64.9%	60.6%	36.4%	62.9%	54.8%
2005	65.3%	58.5%	58.5%	53.1%	73.6%	76.9%	60.2%	60.6%	51.4%	62.7%	37.3%
2006	59.8%	60.9%	55.5%	81.3%	69.5%	85.7%	72.0%	64.9%	37.5%	68.4%	53.9%
2007	67.0%	59.8%	60.6%	64.1%	68.7%	57.1%	65.3%	61.6%	29.4%	73.7%	36.4%
2008	71.3%	61.0%	61.6%	56.3%	59.3%	62.5%	72.1%	54.7%	40.6%	48.9%	39.3%

Data Source: College Board.

**Table II - 139: Number of Computer Science AB Advanced Placement Test-Takers - Asian Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	56	1,453	421	17	61	5	108	124	18	27	130
2005	46	1,245	311	15	65	16	98	119	16	36	111
2006	42	1,216	363	15	36	4	94	83	16	42	94
2007	44	1,291	387	13	51	6	71	136	14	30	91
2008	70	1,428	430	19	51	8	86	123	13	19	118
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	41	958	292	15	42	5	65	82	5	20	71
2005	27	888	226	10	45	5	75	88	8	32	66
2006	32	905	280	13	31	0	78	50	9	32	62
2007	30	939	287	10	38	3	49	95	8	22	69
2008	54	1,115	349	16	41	5	60	89	9	17	100
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	73.2%	65.9%	69.4%	88.2%	68.9%	100.0%	60.2%	66.1%	27.8%	74.1%	54.6%
2005	58.7%	71.3%	72.7%	66.7%	69.2%	31.3%	76.5%	73.9%	50.0%	88.9%	59.5%
2006	76.2%	74.4%	77.1%	86.7%	86.1%	0.0%	83.0%	60.2%	56.3%	76.2%	66.0%
2007	68.2%	72.7%	74.2%	76.9%	74.5%	50.0%	69.0%	69.9%	57.1%	73.3%	75.8%
2008	77.1%	78.1%	81.2%	84.2%	80.4%	62.5%	69.8%	72.4%	69.2%	89.5%	84.7%

Data Source: College Board.



**Table II - 140: Number of Calculus AB Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	100	6,930	625	91	195	34	201	668	480	149	278
2005	115	7,842	692	116	218	42	248	669	515	192	340
2006	117	8,453	836	93	303	38	271	619	589	195	381
2007	138	9,329	825	106	388	49	245	705	613	222	388
2008	170	10,290	889	101	414	71	294	695	642	266	447
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	35	2,087	237	26	66	11	77	230	130	36	95
2005	33	2,225	243	32	79	14	84	233	127	64	99
2006	57	2,631	316	32	113	20	109	255	121	67	116
2007	59	2,578	304	41	113	16	72	267	127	46	114
2008	64	3,133	360	43	107	24	115	278	159	75	177
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	35.0%	30.1%	37.9%	28.6%	33.8%	32.4%	38.3%	34.4%	27.1%	24.2%	34.2%
2005	28.7%	28.4%	35.1%	27.6%	36.2%	33.3%	33.9%	34.8%	24.7%	33.3%	29.1%
2006	48.7%	31.1%	37.8%	34.4%	37.3%	52.6%	40.2%	41.2%	20.5%	34.4%	30.4%
2007	42.8%	27.6%	36.8%	38.7%	29.1%	32.7%	29.4%	37.9%	20.7%	20.7%	29.4%
2008	37.6%	30.4%	40.5%	42.6%	25.8%	33.8%	39.1%	40.0%	24.8%	28.2%	39.6%

Data Source: College Board.

**Table II - 141: Number of Calculus BC Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	21	1,024	109	9	49	6	22	87	66	22	92
2005	20	1,125	137	4	53	3	31	83	79	17	87
2006	33	1,227	135	19	69	11	34	86	86	17	100
2007	21	1,404	148	19	52	13	35	110	111	22	92
2008	48	1,571	142	15	43	23	41	120	118	36	88
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	19	595	69	9	22	3	14	53	36	14	51
2005	16	637	82	0	32	0	22	51	33	11	47
2006	24	760	95	13	40	4	22	48	58	16	58
2007	16	772	76	11	33	9	27	58	58	16	51
2008	21	863	88	7	26	12	28	52	62	25	49
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	90.5%	58.1%	63.3%	100.0%	44.9%	50.0%	63.6%	60.9%	54.5%	63.6%	55.4%
2005	80.0%	56.6%	59.9%	0.0%	60.4%	0.0%	71.0%	61.4%	41.8%	64.7%	54.0%
2006	72.7%	61.9%	70.4%	68.4%	58.0%	36.4%	64.7%	55.8%	67.4%	94.1%	58.0%
2007	76.2%	55.0%	51.4%	57.9%	63.5%	69.2%	77.1%	52.7%	52.3%	72.7%	55.4%
2008	43.8%	54.9%	62.0%	46.7%	60.5%	52.2%	68.3%	43.3%	52.5%	69.4%	55.7%

Data Source: College Board.



**Table II - 142: Number of Statistics Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	33	2,641	338	28	66	16	50	131	311	55	140
2005	46	3,283	394	46	94	14	61	185	347	81	153
2006	49	3,940	423	48	165	32	82	213	360	60	219
2007	62	4,596	452	60	284	30	95	287	428	88	222
2008	94	5,603	451	56	403	59	105	305	391	85	214
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	16	709	89	8	26	5	22	42	49	14	34
2005	19	841	102	15	40	5	29	54	62	24	35
2006	15	1,024	150	13	36	9	32	65	84	19	58
2007	19	1,072	126	17	49	9	32	78	101	17	56
2008	35	1,339	176	17	61	24	47	88	92	27	56
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	48.5%	26.8%	26.3%	28.6%	39.4%	31.3%	44.0%	32.1%	15.8%	25.5%	24.3%
2005	41.3%	25.6%	25.9%	32.6%	42.6%	35.7%	47.5%	29.2%	17.9%	29.6%	22.9%
2006	30.6%	26.0%	35.5%	27.1%	21.8%	28.1%	39.0%	30.5%	23.3%	31.7%	26.5%
2007	30.6%	23.3%	27.9%	28.3%	17.3%	30.0%	33.7%	27.2%	23.6%	19.3%	25.2%
2008	37.2%	23.9%	39.0%	30.4%	15.1%	40.7%	44.8%	28.9%	23.5%	31.8%	26.2%

Data Source: College Board.

**Table II - 143: Number of Biology Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	107	5,373	584	66	233	30	208	679	266	79	213
2005	96	6,242	586	61	253	31	267	759	324	114	266
2006	163	7,018	632	94	400	48	200	781	406	143	263
2007	155	8,023	713	86	392	70	254	911	352	182	318
2008	226	8,995	683	91	347	49	294	973	333	211	401
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	39	1,592	185	29	55	4	76	250	72	28	69
2005	37	1,885	206	35	60	7	93	294	95	37	99
2006	72	2,013	231	29	77	9	77	301	88	41	101
2007	57	2,349	245	37	83	18	112	367	111	49	102
2008	45	1,902	201	30	58	10	108	283	79	42	98
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	36.4%	29.6%	31.7%	43.9%	23.6%	13.3%	36.5%	36.8%	27.1%	35.4%	32.4%
2005	38.5%	30.2%	35.2%	57.4%	23.7%	22.6%	34.8%	38.7%	29.3%	32.5%	37.2%
2006	44.2%	28.7%	36.6%	30.9%	19.3%	18.8%	38.5%	38.5%	21.7%	28.7%	38.4%
2007	36.8%	29.3%	34.4%	43.0%	21.2%	25.7%	44.1%	40.3%	31.5%	26.9%	32.1%
2008	19.9%	21.1%	29.4%	33.0%	16.7%	20.4%	36.7%	29.1%	23.7%	19.9%	24.4%

Data Source: College Board.



**Table II - 144: Number of Chemistry Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	45	2,585	276	32	118	20	105	211	99	59	79
2005	41	3,089	293	22	146	23	110	208	136	51	117
2006	60	3,682	339	41	199	15	150	271	155	81	163
2007	65	4,202	333	52	286	40	143	347	139	99	167
2008	69	4,478	286	47	238	40	145	381	146	103	172
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	15	715	70	9	30	4	45	73	25	15	26
2005	13	776	62	12	34	2	42	76	33	14	33
2006	22	1,010	105	19	40	6	60	95	52	25	44
2007	30	1,038	92	13	43	10	34	131	44	26	48
2008	21	1,008	79	13	42	8	48	120	47	20	48
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	33.3%	27.7%	25.4%	28.1%	25.4%	20.0%	42.9%	34.6%	25.3%	25.4%	32.9%
2005	31.7%	25.1%	21.2%	54.5%	23.3%	8.7%	38.2%	36.5%	24.3%	27.5%	28.2%
2006	36.7%	27.4%	31.0%	46.3%	20.1%	40.0%	40.0%	35.1%	33.5%	30.9%	27.0%
2007	46.2%	24.7%	27.6%	25.0%	15.0%	25.0%	23.8%	37.8%	31.7%	26.3%	28.7%
2008	30.4%	22.5%	27.6%	27.7%	17.6%	20.0%	33.1%	31.5%	32.2%	19.4%	27.9%

Data Source: College Board.

**Table II - 145: Number of Physics B Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	44	1,396	164	22	44	5	22	192	61	32	53
2005	36	1,627	168	22	71	9	45	164	85	45	80
2006	28	1,797	200	28	66	12	41	198	86	26	66
2007	42	2,048	177	21	77	15	43	259	95	47	78
2008	35	2,107	205	25	137	25	47	217	67	43	69
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	9	322	36	8	14	0	10	65	12	3	9
2005	11	367	47	7	23	2	16	42	9	7	15
2006	11	524	74	13	25	1	19	64	20	9	19
2007	12	497	48	7	19	0	15	82	18	8	16
2008	17	573	68	6	23	13	16	106	16	6	17
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	20.5%	23.1%	22.0%	36.4%	31.8%	0.0%	45.5%	33.9%	19.7%	9.4%	17.0%
2005	30.6%	22.6%	28.0%	31.8%	32.4%	22.2%	35.6%	25.6%	10.6%	15.6%	18.8%
2006	39.3%	29.2%	37.0%	46.4%	37.9%	8.3%	46.3%	32.3%	23.3%	34.6%	28.8%
2007	28.6%	24.3%	27.1%	33.3%	24.7%	0.0%	34.9%	31.7%	18.9%	17.0%	20.5%
2008	48.6%	27.2%	33.2%	24.0%	16.8%	52.0%	34.0%	48.8%	23.9%	14.0%	24.6%

Data Source: College Board.



**Table II - 146: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	8	178	15	2	14	1	16	15	4	4	5
2005	8	178	9	0	17	0	14	23	3	5	5
2006	9	172	15	4	18	1	5	21	3	3	14
2007	8	187	7	1	13	1	5	29	5	2	9
2008	11	197	13	3	14	3	23	17	5	3	6
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	4	85	6	2	9	0	3	10	2	3	3
2005	4	80	3	0	7	0	8	7	0	2	0
2006	7	94	7	0	6	0	4	13	0	0	6
2007	4	100	5	0	6	0	1	15	3	0	5
2008	8	92	5	0	3	0	16	6	2	0	1
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	50.0%	47.8%	40.0%	100.0%	64.3%	0.0%	18.8%	66.7%	50.0%	75.0%	60.0%
2005	50.0%	44.9%	33.3%	N/A	41.2%	N/A	57.1%	30.4%	0.0%	40.0%	0.0%
2006	77.8%	54.7%	46.7%	0.0%	33.3%	0.0%	80.0%	61.9%	0.0%	0.0%	42.9%
2007	50.0%	53.5%	71.4%	0.0%	46.2%	0.0%	20.0%	51.7%	60.0%	0.0%	55.6%
2008	72.7%	46.7%	38.5%	0.0%	21.4%	0.0%	69.6%	35.3%	40.0%	0.0%	16.7%

Data Source: College Board.

**Table II - 147: Number of Physics C: Mechanical Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	13	490	51	4	17	1	28	25	20	10	19
2005	13	568	66	2	30	1	25	40	7	8	23
2006	31	571	66	6	32	2	21	41	6	7	25
2007	16	614	56	4	37	3	23	46	12	9	37
2008	32	627	54	6	64	4	29	33	10	12	29
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	6	211	26	4	9	1	11	18	3	3	4
2005	4	191	15	0	9	0	15	19	4	4	7
2006	17	265	23	5	20	0	12	26	3	5	12
2007	7	225	18	0	8	0	9	25	5	4	16
2008	11	279	21	5	14	0	20	19	5	7	10
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	46.2%	43.1%	51.0%	100.0%	52.9%	100.0%	39.3%	72.0%	15.0%	30.0%	21.1%
2005	30.8%	33.6%	22.7%	0.0%	30.0%	0.0%	60.0%	47.5%	57.1%	50.0%	30.4%
2006	54.8%	46.4%	34.8%	83.3%	62.5%	0.0%	57.1%	63.4%	50.0%	71.4%	48.0%
2007	43.8%	36.6%	32.1%	0.0%	21.6%	0.0%	39.1%	54.3%	41.7%	44.4%	43.2%
2008	34.4%	44.5%	38.9%	83.3%	21.9%	0.0%	69.0%	57.6%	50.0%	58.3%	34.5%

Data Source: College Board.



**Table II - 148: Number of Computer Science A Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	9	483	35	10	8	2	31	50	53	11	20
2005	7	565	29	12	8	0	38	66	39	13	36
2006	13	668	45	10	16	1	29	77	59	8	38
2007	4	640	37	19	14	0	13	63	24	7	43
2008	3	673	27	9	32	0	15	64	39	10	42
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	4	130	8	6	4	0	11	18	4	4	8
2005	6	118	8	3	4	0	10	8	6	3	13
2006	1	154	17	3	7	0	8	14	9	0	10
2007	0	127	10	6	6	0	3	11	4	1	13
2008	0	167	12	3	6	0	5	11	2	4	14
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	44.4%	26.9%	22.9%	60.0%	50.0%	0.0%	35.5%	36.0%	7.5%	36.4%	40.0%
2005	85.7%	20.9%	27.6%	25.0%	50.0%	N/A	26.3%	12.1%	15.4%	23.1%	36.1%
2006	7.7%	23.1%	37.8%	30.0%	43.8%	0.0%	27.6%	18.2%	15.3%	0.0%	26.3%
2007	0.0%	19.8%	27.0%	31.6%	42.9%	N/A	23.1%	17.5%	16.7%	14.3%	30.2%
2008	0.0%	24.8%	44.4%	33.3%	18.8%	N/A	33.3%	17.2%	5.1%	40.0%	33.3%

Data Source: College Board.

**Table II - 149: Number of Computer Science AB Advanced Placement Test-Takers - Black Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2	101	4	3	1	0	0	14	6	4	11
2005	2	73	4	1	1	0	1	10	6	3	8
2006	5	72	4	3	5	0	2	10	6	1	7
2007	2	77	3	0	6	0	3	4	2	1	8
2008	1	111	6	4	1	0	8	1	23	0	9
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2	40	3	0	0	0	0	5	1	0	6
2005	0	33	0	0	0	0	0	4	2	0	3
2006	4	28	0	0	3	0	0	6	0	0	0
2007	0	38	0	0	3	0	0	0	0	0	6
2008	0	36	5	0	0	0	4	0	0	0	3
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	100.0%	39.6%	75.0%	0.0%	0.0%	N/A	N/A	35.7%	16.7%	0.0%	54.5%
2005	0.0%	45.2%	0.0%	0.0%	0.0%	N/A	0.0%	40.0%	33.3%	0.0%	37.5%
2006	80.0%	38.9%	0.0%	0.0%	60.0%	N/A	0.0%	60.0%	0.0%	0.0%	0.0%
2007	0.0%	49.4%	0.0%	N/A	50.0%	N/A	0.0%	0.0%	0.0%	0.0%	75.0%
2008	0.0%	32.4%	83.3%	0.0%	0.0%	N/A	50.0%	0.0%	0.0%	N/A	33.3%

Data Source: College Board.



**Table II - 150: Number of Calculus AB Advanced Placement Test-Takers - Hispanic Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	129	12,184	4,045	71	355	46	301	770	103	91	139
2005	151	13,799	4,405	106	476	44	338	735	118	84	210
2006	163	15,040	4,761	127	508	33	388	805	157	109	219
2007	182	17,329	5,896	102	545	54	416	886	173	105	224
2008	226	19,830	6,787	137	703	53	458	1,090	227	133	235
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	49	4,489	1,419	45	126	20	141	303	53	40	77
2005	61	4,889	1,531	61	171	23	122	303	59	52	103
2006	69	5,826	1,733	74	198	21	179	384	63	67	117
2007	78	6,207	1,968	54	179	26	206	419	79	47	108
2008	98	7,677	2,398	75	98	27	232	509	101	69	130
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	38.0%	36.8%	35.1%	63.4%	35.5%	43.5%	46.8%	39.4%	51.5%	44.0%	55.4%
2005	40.4%	35.4%	34.8%	57.5%	35.9%	52.3%	36.1%	41.2%	50.0%	61.9%	49.0%
2006	42.3%	38.7%	36.4%	58.3%	39.0%	63.6%	46.1%	47.7%	40.1%	61.5%	53.4%
2007	42.9%	35.8%	33.4%	52.9%	32.8%	48.1%	49.5%	47.3%	45.7%	44.8%	48.2%
2008	43.4%	38.7%	35.3%	54.7%	13.9%	50.9%	50.7%	46.7%	44.5%	51.9%	55.3%

Data Source: College Board.

**Table II - 151: Number of Calculus BC Advanced Placement Test-Takers - Hispanic Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	15	2,232	616	15	60	3	38	166	37	12	62
2005	21	2,529	729	13	91	13	56	145	28	26	71
2006	32	2,644	758	17	92	17	53	138	57	26	80
2007	27	3,196	929	34	115	19	64	159	68	20	93
2008	42	3,718	1,104	31	98	20	83	195	67	35	110
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	14	1,386	367	12	53	1	22	88	26	5	46
2005	11	1,616	414	8	63	9	48	100	21	21	47
2006	21	1,709	450	11	66	10	41	96	44	20	52
2007	22	2,040	519	27	87	9	44	109	46	12	60
2008	26	2,327	625	19	26	16	69	138	43	27	87
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	93.3%	62.1%	59.6%	80.0%	88.3%	33.3%	57.9%	53.0%	70.3%	41.7%	74.2%
2005	52.4%	63.9%	56.8%	61.5%	69.2%	69.2%	85.7%	69.0%	75.0%	80.8%	66.2%
2006	65.6%	64.6%	59.4%	64.7%	71.7%	58.8%	77.4%	69.6%	77.2%	76.9%	65.0%
2007	81.5%	63.8%	55.9%	79.4%	75.7%	47.4%	68.8%	68.6%	67.6%	60.0%	64.5%
2008	61.9%	62.6%	56.6%	61.3%	26.5%	80.0%	83.1%	70.8%	64.2%	77.1%	79.1%

Data Source: College Board.



Table II - 152: Number of Statistics Advanced Placement Test-Takers - Hispanic Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	33	4,293	1,454	38	133	18	79	212	87	25	106
2005	40	5,130	1,802	43	131	27	80	204	80	31	127
2006	65	6,016	1,993	59	218	29	105	289	124	37	126
2007	87	6,928	2,055	68	302	47	122	380	170	44	146
2008	87	8,705	2,741	78	402	54	151	358	183	61	141
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	20	1,470	393	18	74	8	41	74	38	15	37
2005	20	1,793	535	15	62	12	46	81	34	20	56
2006	30	2,102	618	30	97	3	50	98	55	25	52
2007	36	2,372	628	26	98	23	72	144	69	27	53
2008	36	2,919	871	38	36	23	77	138	80	39	58
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	60.6%	34.2%	27.0%	47.4%	55.6%	44.4%	51.9%	34.9%	43.7%	60.0%	34.9%
2005	50.0%	35.0%	29.7%	34.9%	47.3%	44.4%	57.5%	39.7%	42.5%	64.5%	44.1%
2006	46.2%	34.9%	31.0%	50.8%	44.5%	10.3%	47.6%	33.9%	44.4%	67.6%	41.3%
2007	41.4%	34.2%	30.6%	38.2%	32.5%	48.9%	59.0%	37.9%	40.6%	61.4%	36.3%
2008	41.4%	33.5%	31.8%	48.7%	9.0%	42.6%	51.0%	38.5%	43.7%	63.9%	41.1%

Data Source: College Board.

Table II - 153: Number of Biology Advanced Placement Test-Takers - Hispanic Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	89	7,672	2,797	70	207	17	292	683	70	45	116
2005	94	8,961	3,105	74	280	20	289	781	92	65	114
2006	167	10,014	3,454	87	361	25	316	831	95	74	126
2007	164	12,081	4,162	107	465	36	362	946	113	70	176
2008	187	13,628	4,696	108	526	52	417	990	127	78	198
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	41	2,753	851	36	76	12	134	288	32	25	53
2005	50	3,186	922	55	118	9	124	350	49	36	59
2006	61	3,534	1,020	47	139	14	143	372	46	46	62
2007	63	4,351	1,354	72	160	13	174	452	65	39	86
2008	63	3,575	993	43	63	17	174	362	58	23	90
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	46.1%	35.9%	30.4%	51.4%	36.7%	70.6%	45.9%	42.2%	45.7%	55.6%	45.7%
2005	53.2%	35.6%	29.7%	74.3%	42.1%	45.0%	42.9%	44.8%	53.3%	55.4%	51.8%
2006	36.5%	35.3%	29.5%	54.0%	38.5%	56.0%	45.3%	44.8%	48.4%	62.2%	49.2%
2007	38.4%	36.0%	32.5%	67.3%	34.4%	36.1%	48.1%	47.8%	57.5%	55.7%	48.9%
2008	33.7%	26.2%	21.1%	39.8%	12.0%	32.7%	41.7%	36.6%	45.7%	29.5%	45.5%

Data Source: College Board.



**Table II - 154: Number of Chemistry Advanced Placement Test-Takers - Hispanic Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	42	4,271	1,481	45	177	9	161	226	33	31	49
2005	47	4,719	1,395	54	184	15	177	249	42	34	45
2006	64	5,556	1,593	67	285	17	181	297	51	49	67
2007	66	6,519	1,860	57	380	24	211	335	78	54	94
2008	51	7,301	2,123	67	336	18	233	364	75	61	106
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	21	1,324	319	25	52	2	71	83	12	20	25
2005	19	1,469	333	22	59	5	62	115	18	17	25
2006	26	1,786	389	42	72	8	83	142	25	28	32
2007	28	2,006	457	23	95	9	95	161	45	26	44
2008	21	2,182	539	28	21	4	101	162	39	29	52
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	50.0%	31.0%	21.5%	55.6%	29.4%	22.2%	44.1%	36.7%	36.4%	64.5%	51.0%
2005	40.4%	31.1%	23.9%	40.7%	32.1%	33.3%	35.0%	46.2%	42.9%	50.0%	55.6%
2006	40.6%	32.1%	24.4%	62.7%	25.3%	47.1%	45.9%	47.8%	49.0%	57.1%	47.8%
2007	42.4%	30.8%	24.6%	40.4%	25.0%	37.5%	45.0%	48.1%	57.7%	48.1%	46.8%
2008	41.2%	29.9%	25.4%	41.8%	6.3%	22.2%	43.3%	44.5%	52.0%	47.5%	49.1%

Data Source: College Board.

**Table II - 155: Number of Physics B Advanced Placement Test-Takers - Hispanic Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	35	2,766	969	23	78	4	56	201	19	13	34
2005	27	3,249	1,105	31	112	7	50	230	22	24	47
2006	33	3,706	1,170	32	105	13	57	269	36	26	48
2007	31	4,344	1,291	32	157	11	97	340	38	22	36
2008	52	4,799	1,458	33	212	12	101	386	38	29	51
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	9	848	228	13	29	0	29	87	13	2	9
2005	9	1,030	288	14	49	0	17	97	12	16	17
2006	13	1,172	304	11	43	3	36	117	20	11	12
2007	12	1,411	360	21	41	4	54	151	20	11	18
2008	18	1,509	388	18	18	6	42	205	13	7	13
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	25.7%	30.7%	23.5%	56.5%	37.2%	0.0%	51.8%	43.3%	68.4%	15.4%	26.5%
2005	33.3%	31.7%	26.1%	45.2%	43.8%	0.0%	34.0%	42.2%	54.5%	66.7%	36.2%
2006	39.4%	31.6%	26.0%	34.4%	41.0%	23.1%	63.2%	43.5%	55.6%	42.3%	25.0%
2007	38.7%	32.5%	27.9%	65.6%	26.1%	36.4%	55.7%	44.4%	52.6%	50.0%	50.0%
2008	34.6%	31.4%	26.6%	54.5%	8.5%	50.0%	41.6%	53.1%	34.2%	24.1%	25.5%

Data Source: College Board.



Table II - 156: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Hispanic Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	11	365	88	4	21	1	11	17	3	5	11
2005	6	444	91	5	39	1	20	28	3	7	14
2006	3	403	62	6	25	1	19	24	5	9	10
2007	11	442	52	5	23	2	18	25	5	7	8
2008	10	541	73	8	30	5	36	25	5	11	23
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	8	158	28	1	15	0	4	9	1	3	4
2005	0	205	35	0	12	0	11	13	0	0	3
2006	0	210	25	0	12	0	10	11	0	3	3
2007	6	243	21	0	14	0	9	17	0	5	3
2008	3	299	34	7	3	0	19	14	0	3	9
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	72.7%	43.3%	31.8%	25.0%	71.4%	0.0%	36.4%	52.9%	33.3%	60.0%	36.4%
2005	0.0%	46.2%	38.5%	0.0%	30.8%	0.0%	55.0%	46.4%	0.0%	0.0%	21.4%
2006	0.0%	52.1%	40.3%	0.0%	48.0%	0.0%	52.6%	45.8%	0.0%	33.3%	30.0%
2007	54.5%	55.0%	40.4%	0.0%	60.9%	0.0%	50.0%	68.0%	0.0%	71.4%	37.5%
2008	30.0%	55.3%	46.6%	87.5%	10.0%	0.0%	52.8%	56.0%	0.0%	27.3%	39.1%

Data Source: College Board.

Table II - 157: Number of Physics C: Mechanical Advanced Placement Test-Takers - Hispanic Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	24	1,016	307	8	28	1	24	32	6	13	24
2005	21	1,244	355	9	46	1	46	52	7	16	38
2006	16	1,248	292	8	37	6	50	48	9	19	33
2007	36	1,417	317	9	35	3	42	64	6	21	40
2008	43	1,598	368	14	53	6	73	48	8	28	47
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	15	482	117	3	16	0	12	23	4	9	14
2005	10	583	118	4	29	0	33	29	0	6	15
2006	8	574	106	2	27	0	33	29	6	10	10
2007	15	672	110	4	29	0	25	37	4	16	17
2008	15	800	160	12	15	0	54	34	3	19	27
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	62.5%	47.4%	38.1%	37.5%	57.1%	0.0%	50.0%	71.9%	66.7%	69.2%	58.3%
2005	47.6%	46.9%	33.2%	44.4%	63.0%	0.0%	71.7%	55.8%	0.0%	37.5%	39.5%
2006	50.0%	46.0%	36.3%	25.0%	73.0%	0.0%	66.0%	60.4%	66.7%	52.6%	30.3%
2007	41.7%	47.4%	34.7%	44.4%	82.9%	0.0%	59.5%	57.8%	66.7%	76.2%	42.5%
2008	34.9%	50.1%	43.5%	85.7%	28.3%	0.0%	74.0%	70.8%	37.5%	67.9%	57.4%

Data Source: College Board.



**Table II - 158: Number of Computer Science A Advanced Placement Test-Takers - Hispanic Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	12	856	132	9	17	0	39	78	13	8	21
2005	12	963	183	11	31	2	35	60	12	4	15
2006	10	1,079	168	5	35	0	43	73	11	8	33
2007	9	1,077	194	12	27	1	41	66	13	8	38
2008	15	1,142	199	10	32	4	47	58	14	5	40
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	4	283	55	3	6	0	6	25	1	1	6
2005	2	317	46	5	13	0	11	16	1	0	7
2006	3	389	51	0	14	0	22	21	1	0	14
2007	0	377	49	4	9	0	18	27	3	0	10
2008	4	398	58	3	4	0	20	26	4	0	11
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	33.3%	33.1%	41.7%	33.3%	35.3%	N/A	15.4%	32.1%	7.7%	12.5%	28.6%
2005	16.7%	32.9%	25.1%	45.5%	41.9%	0.0%	31.4%	26.7%	8.3%	0.0%	46.7%
2006	30.0%	36.1%	30.4%	0.0%	40.0%	N/A	51.2%	28.8%	9.1%	0.0%	42.4%
2007	0.0%	35.0%	25.3%	33.3%	33.3%	0.0%	43.9%	40.9%	23.1%	0.0%	26.3%
2008	26.7%	34.9%	29.1%	30.0%	12.5%	0.0%	42.6%	44.8%	28.6%	0.0%	27.5%

Data Source: College Board.

**Table II - 159: Number of Computer Science AB Advanced Placement Test-Takers - Hispanic Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	4	225	45	6	12	0	6	18	0	3	21
2005	4	197	31	2	7	0	7	15	2	3	12
2006	1	179	31	2	3	0	7	16	3	3	8
2007	2	191	36	1	8	0	6	10	6	4	5
2008	3	208	19	4	9	2	8	14	4	3	14
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	0	98	16	2	3	0	5	8	0	3	12
2005	0	99	15	0	0	0	0	8	0	0	7
2006	0	100	16	0	0	0	4	5	0	0	3
2007	0	104	15	0	5	0	0	8	0	0	0
2008	0	127	13	0	0	0	2	4	0	0	9
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	0.0%	43.6%	35.6%	33.3%	25.0%	N/A	83.3%	44.4%	N/A	100.0%	57.1%
2005	0.0%	50.3%	48.4%	0.0%	0.0%	N/A	0.0%	53.3%	0.0%	0.0%	58.3%
2006	0.0%	55.9%	51.6%	0.0%	0.0%	N/A	57.1%	31.3%	0.0%	0.0%	37.5%
2007	0.0%	54.5%	41.7%	0.0%	62.5%	N/A	0.0%	80.0%	0.0%	0.0%	0.0%
2008	0.0%	61.1%	68.4%	0.0%	0.0%	0.0%	25.0%	28.6%	0.0%	0.0%	64.3%

Data Source: College Board.



**Table II - 160: Number of Calculus AB Advanced Placement Test-Takers - White Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	4,014	116,704	10,651	2,058	5,153	3,191	3,980	10,114	4,246	5,492	3,972
2005	4,031	121,410	11,202	2,106	5,230	3,145	4,006	9,872	4,571	5,607	3,947
2006	4,208	124,190	11,203	2,240	5,446	3,499	4,077	9,518	4,756	4,694	3,997
2007	4,699	133,973	12,101	2,397	5,764	3,788	4,317	10,105	5,081	6,326	4,376
2008	4,762	139,801	12,069	2,413	5,959	3,797	4,596	10,382	5,264	6,466	4,615
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,740	72,730	7,368	1,472	3,699	2,078	2,603	6,294	2,476	3,538	2,414
2005	2,800	74,146	7,704	1,565	3,795	2,023	2,651	6,070	2,647	3,753	2,338
2006	3,058	80,194	7,913	1,773	4,038	2,218	2,893	6,675	2,757	3,951	2,505
2007	3,479	83,540	8,196	1,804	4,202	2,264	2,962	6,692	2,984	4,236	2,613
2008	3,528	90,517	8,581	1,916	4,436	2,499	3,268	7,208	3,287	4,483	2,932
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.3%	62.3%	69.2%	71.5%	71.8%	65.1%	65.4%	62.2%	58.3%	64.4%	60.8%
2005	69.5%	61.1%	68.8%	74.3%	72.6%	64.3%	66.2%	61.5%	57.9%	66.9%	59.2%
2006	72.7%	64.6%	70.6%	79.2%	74.1%	63.4%	71.0%	70.1%	58.0%	84.2%	62.7%
2007	74.0%	62.4%	67.7%	75.3%	72.9%	59.8%	68.6%	66.2%	58.7%	67.0%	59.7%
2008	74.1%	64.7%	71.1%	79.4%	74.4%	65.8%	71.1%	69.4%	62.4%	69.3%	63.5%

Data Source: College Board.

**Table II - 161: Number of Calculus BC Advanced Placement Test-Takers - White Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,051	31,069	2,977	590	2,263	740	1,092	2,225	1,397	1,171	1,495
2005	1,082	32,764	3,050	533	2,283	939	1,228	2,273	1,472	1,193	1,610
2006	1,200	34,191	3,285	515	2,373	1,015	1,213	2,262	1,715	1,303	1,571
2007	1,183	37,363	3,778	636	2,451	1,137	1,397	2,465	1,875	1,472	1,668
2008	1,378	39,604	3,899	575	2,545	1,246	1,551	2,680	1,853	1,609	1,770
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	927	25,044	2,418	530	1,956	528	924	1,770	1,125	988	1,170
2005	969	26,848	2,507	480	1,961	754	1,076	1,873	1,202	1,026	1,321
2006	1,035	27,965	2,790	468	2,088	786	1,039	1,894	1,323	1,151	1,226
2007	1,011	30,304	3,114	585	2,153	903	1,222	2,069	1,423	1,250	1,350
2008	1,235	32,282	3,226	530	2,226	990	1,335	2,185	1,414	1,405	1,421
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	88.2%	80.6%	81.2%	89.8%	86.4%	71.4%	84.6%	79.6%	80.5%	84.4%	78.3%
2005	89.6%	81.9%	82.2%	90.1%	85.9%	80.3%	87.6%	82.4%	81.7%	86.0%	82.0%
2006	86.3%	81.8%	84.9%	90.9%	88.0%	77.4%	85.7%	83.7%	77.1%	88.3%	78.0%
2007	85.5%	81.1%	82.4%	92.0%	87.8%	79.4%	87.5%	83.9%	75.9%	84.9%	80.9%
2008	89.6%	81.5%	82.7%	92.2%	87.5%	79.5%	86.1%	81.5%	76.3%	87.3%	80.3%

Data Source: College Board.



Table II - 162: Number of Statistics Advanced Placement Test-Takers - White Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,227	43,946	5,474	984	2,046	1,206	1,682	2,806	2,996	1,757	2,137
2005	1,594	50,516	6,132	1,130	2,158	1,407	1,773	3,141	3,727	1,965	2,490
2006	1,900	55,841	6,558	1,287	2,525	1,701	1,859	3,314	3,966	2,231	2,520
2007	2,142	63,320	6,934	1,411	2,675	2,369	1,970	3,990	4,653	2,508	2,740
2008	2,339	68,700	7,662	1,572	2,827	2,464	2,178	3,936	4,756	2,631	2,734
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	893	28,005	3,373	667	1,547	858	1,168	1,686	1,617	1,308	1,217
2005	1,190	32,677	3,780	780	1,675	941	1,317	2,004	2,139	1,484	1,425
2006	1,373	35,719	4,197	886	1,912	1,095	1,303	2,110	2,185	1,764	1,351
2007	1,607	39,697	4,189	968	2,017	1,467	1,486	2,569	2,469	1,918	1,511
2008	1,732	43,538	4,798	1,112	2,148	1,668	1,655	2,498	2,648	2,025	1,503
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	72.8%	63.7%	61.6%	67.8%	75.6%	71.1%	69.4%	60.1%	54.0%	74.4%	56.9%
2005	74.7%	64.7%	61.6%	69.0%	77.6%	66.9%	74.3%	63.8%	57.4%	75.5%	57.2%
2006	72.3%	64.0%	64.0%	68.8%	75.7%	64.4%	70.1%	63.7%	55.1%	79.1%	53.6%
2007	75.0%	62.7%	60.4%	68.6%	75.4%	61.9%	75.4%	64.4%	53.1%	76.5%	55.1%
2008	74.0%	63.4%	62.6%	70.7%	76.0%	67.7%	76.0%	63.5%	55.7%	77.0%	55.0%

Data Source: College Board.

Table II - 163: Number of Biology Advanced Placement Test-Takers - White Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,639	69,606	7,177	1,712	2,733	1,212	2,992	7,834	2,563	2,983	2,429
2005	2,826	74,065	7,630	1,939	2,755	1,290	3,043	8,165	2,808	3,265	2,337
2006	2,985	77,224	7,853	1,805	2,851	1,624	3,034	7,955	2,910	3,406	2,399
2007	3,420	85,551	8,537	1,940	3,212	1,785	3,176	8,831	3,233	3,857	2,644
2008	3,740	90,770	8,392	2,003	3,299	1,971	3,388	9,147	3,303	4,070	2,905
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,903	44,874	4,988	1,359	2,064	753	2,084	5,457	1,498	2,018	1,533
2005	1,946	47,790	5,278	1,558	2,091	866	2,246	5,775	1,753	2,182	1,533
2006	2,143	49,943	5,441	1,397	2,184	1,046	2,223	5,750	1,742	2,350	1,566
2007	2,512	55,022	6,097	1,615	2,379	1,083	2,351	6,390	2,003	2,584	1,580
2008	2,292	48,576	5,108	1,410	2,106	1,024	2,200	5,584	1,730	2,296	1,452
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	72.1%	64.5%	69.5%	79.4%	75.5%	62.1%	69.7%	69.7%	58.4%	67.7%	63.1%
2005	68.9%	64.5%	69.2%	80.4%	75.9%	67.1%	73.8%	70.7%	62.4%	66.8%	65.6%
2006	71.8%	64.7%	69.3%	77.4%	76.6%	64.4%	73.3%	72.3%	59.9%	69.0%	65.3%
2007	73.5%	64.3%	71.4%	83.2%	74.1%	60.7%	74.0%	72.4%	62.0%	67.0%	59.8%
2008	61.3%	53.5%	60.9%	70.4%	63.8%	52.0%	64.9%	61.0%	52.4%	56.4%	50.0%

Data Source: College Board.



Table II - 164: Number of Chemistry Advanced Placement Test-Takers - White Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,401	43,688	3,912	918	2,028	540	1,889	3,289	1,506	2,386	1,210
2005	1,660	47,219	3,928	1,031	2,023	656	1,954	3,524	1,745	2,289	1,274
2006	1,680	50,667	4,097	1,168	2,308	900	2,000	3,865	1,916	2,500	1,520
2007	1,931	56,917	4,445	1,164	2,547	1,222	2,221	4,175	1,933	2,748	1,710
2008	2,142	57,696	4,409	1,254	2,566	1,132	2,307	4,037	1,881	2,972	1,656
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	895	25,401	2,359	679	1,438	330	1,291	2,141	810	1,311	755
2005	1,068	26,905	2,426	729	1,432	386	1,291	2,328	945	1,297	822
2006	1,124	29,939	2,671	870	1,588	514	1,434	2,706	1,012	1,477	938
2007	1,296	32,427	2,890	842	1,770	661	1,493	2,837	1,088	1,607	1,048
2008	1,439	33,143	2,874	911	1,772	595	1,559	2,765	1,141	1,720	922
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	63.9%	58.1%	60.3%	74.0%	70.9%	61.1%	68.3%	65.1%	53.8%	54.9%	62.4%
2005	64.3%	57.0%	61.8%	70.7%	70.8%	58.8%	66.1%	66.1%	54.2%	56.7%	64.5%
2006	66.9%	59.1%	65.2%	74.5%	68.8%	57.1%	71.7%	70.0%	52.8%	59.1%	61.7%
2007	67.1%	57.0%	65.0%	72.3%	69.5%	54.1%	67.2%	68.0%	56.3%	58.5%	61.3%
2008	67.2%	57.4%	65.2%	72.6%	69.1%	52.6%	67.6%	68.5%	60.7%	57.9%	55.7%

Data Source: College Board.

Table II - 165: Number of Physics B Advanced Placement Test-Takers - White Students (MASSIP 2009 Indicator 12)											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	738	27,171	3,324	799	1,015	512	1,098	4,020	882	897	666
2005	831	28,899	3,500	847	1,106	510	984	4,086	935	854	833
2006	927	30,085	3,446	673	1,107	690	1,071	4,298	1,068	903	807
2007	972	32,766	3,694	821	1,152	880	1,200	4,563	1,008	1,056	817
2008	1,087	34,091	3,782	869	1,311	819	1,230	4,594	925	1,131	848
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	507	16,676	1,980	523	820	332	682	2,656	538	539	360
2005	604	18,283	2,213	583	895	358	706	2,752	597	530	468
2006	731	19,338	2,249	491	893	432	777	3,053	637	626	430
2007	673	20,853	2,436	605	941	531	836	3,095	620	686	465
2008	747	21,850	2,466	625	1,047	535	913	3,265	610	757	444
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.7%	61.4%	59.6%	65.5%	80.8%	64.8%	62.1%	66.1%	61.0%	60.1%	54.1%
2005	72.7%	63.3%	63.2%	68.8%	80.9%	70.2%	71.7%	67.4%	63.9%	62.1%	56.2%
2006	78.9%	64.3%	65.3%	73.0%	80.7%	62.6%	72.5%	71.0%	59.6%	69.3%	53.3%
2007	69.2%	63.6%	65.9%	73.7%	81.7%	60.3%	69.7%	67.8%	61.5%	65.0%	56.9%
2008	68.7%	64.1%	65.2%	71.9%	79.9%	65.3%	74.2%	71.1%	65.9%	66.9%	52.4%

Data Source: College Board.



**Table II - 166: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - White Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	342	6,693	684	140	719	71	393	516	134	450	212
2005	292	6,760	580	146	768	108	407	531	105	520	209
2006	256	5,977	560	101	685	86	371	442	109	421	183
2007	297	6,528	466	134	708	150	412	568	98	393	221
2008	297	7,071	532	141	737	154	482	596	153	468	277
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	234	4,405	413	113	533	35	252	357	91	283	144
2005	216	4,547	349	108	557	49	285	387	80	335	150
2006	204	4,240	398	83	500	53	290	336	85	287	135
2007	233	4,639	339	108	574	90	323	414	84	280	159
2008	253	4,946	386	118	575	100	365	415	111	288	183
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.4%	65.8%	60.4%	80.7%	74.1%	49.3%	64.1%	69.2%	67.9%	62.9%	67.9%
2005	74.0%	67.3%	60.2%	74.0%	72.5%	45.4%	70.0%	72.9%	76.2%	64.4%	71.8%
2006	79.7%	70.9%	71.1%	82.2%	73.0%	61.6%	78.2%	76.0%	78.0%	68.2%	73.8%
2007	78.5%	71.1%	72.7%	80.6%	81.1%	60.0%	78.4%	72.9%	85.7%	71.2%	71.9%
2008	85.2%	69.9%	72.6%	83.7%	78.0%	64.9%	75.7%	69.6%	72.5%	61.5%	66.1%

Data Source: College Board.

**Table II - 167: Number of Physics C: Mechanical Advanced Placement Test-Takers - White Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	688	14,062	1,645	245	943	108	706	1,026	262	985	511
2005	689	14,668	1,624	256	979	156	746	1,180	259	1,034	531
2006	703	14,607	1,482	190	995	190	745	1,128	278	973	496
2007	762	16,014	1,524	322	982	252	878	1,210	260	1,069	646
2008	795	17,042	1,591	315	1,044	299	979	1,250	275	1,255	732
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	536	10,065	1,140	194	784	74	515	753	189	688	308
2005	516	10,338	1,071	206	808	94	554	869	194	735	356
2006	558	10,526	1,064	161	835	130	554	829	218	729	335
2007	607	11,713	1,138	267	837	176	685	948	200	792	396
2008	664	12,831	1,240	270	909	226	792	1,000	221	934	485
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	77.9%	71.6%	69.3%	79.2%	83.1%	68.5%	72.9%	73.4%	72.1%	69.8%	60.3%
2005	74.9%	70.5%	65.9%	80.5%	82.5%	60.3%	74.3%	73.6%	74.9%	71.1%	67.0%
2006	79.4%	72.1%	71.8%	84.7%	83.9%	68.4%	74.4%	73.5%	78.4%	74.9%	67.5%
2007	79.7%	73.1%	74.7%	82.9%	85.2%	69.8%	78.0%	78.3%	76.9%	74.1%	61.3%
2008	83.5%	75.3%	77.9%	85.7%	87.1%	75.6%	80.9%	80.0%	80.4%	74.4%	66.3%

Data Source: College Board.



**Table II - 168: Number of Computer Science A Advanced Placement Test-Takers - White Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	289	8,735	806	154	318	75	530	847	313	386	430
2005	248	8,338	741	179	294	115	493	737	256	396	373
2006	222	8,240	792	150	295	88	447	656	226	383	427
2007	278	8,516	689	168	316	146	458	682	201	407	527
2008	184	8,757	716	170	309	89	411	4,594	250	352	492
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	198	5,325	489	80	243	50	347	519	140	254	257
2005	179	5,008	484	96	195	83	323	425	130	242	254
2006	166	5,224	517	101	197	62	298	394	115	269	286
2007	198	5,191	430	103	201	97	308	451	103	277	281
2008	134	5,359	486	110	205	62	280	371	114	227	267
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.5%	61.0%	60.7%	51.9%	76.4%	66.7%	65.5%	61.3%	44.7%	65.8%	59.8%
2005	72.2%	60.1%	65.3%	53.6%	66.3%	72.2%	65.5%	57.7%	50.8%	61.1%	68.1%
2006	74.8%	63.4%	65.3%	67.3%	66.8%	70.5%	66.7%	60.1%	50.9%	70.2%	67.0%
2007	71.2%	61.0%	62.4%	61.3%	63.6%	66.4%	67.2%	66.1%	51.2%	68.1%	53.3%
2008	72.8%	61.2%	67.9%	64.7%	66.3%	69.7%	68.1%	8.1%	45.6%	64.5%	54.3%

Data Source: College Board.

**Table II - 169: Number of Computer Science AB Advanced Placement Test-Takers - White Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	144	3,737	335	58	216	27	194	313	89	233	320
2005	142	3,087	263	45	167	29	154	248	85	176	239
2006	105	2,851	265	32	133	26	165	260	69	153	199
2007	98	2,983	284	34	136	25	164	219	88	153	226
2008	121	2,750	231	47	125	18	174	596	64	181	208
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	93	2,396	236	43	150	15	137	219	61	147	201
2005	113	2,181	199	26	116	17	103	195	56	130	166
2006	80	2,017	195	24	102	17	122	185	34	117	151
2007	82	2,169	235	23	99	14	116	171	45	117	175
2008	100	2,012	187	35	98	12	126	143	38	135	161
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	64.6%	64.1%	70.4%	74.1%	69.4%	55.6%	70.6%	70.0%	68.5%	63.1%	62.8%
2005	79.6%	70.7%	75.7%	57.8%	69.5%	58.6%	66.9%	78.6%	65.9%	73.9%	69.5%
2006	76.2%	70.7%	73.6%	75.0%	76.7%	65.4%	73.9%	71.2%	49.3%	76.5%	75.9%
2007	83.7%	72.7%	82.7%	67.6%	72.8%	56.0%	70.7%	78.1%	51.1%	76.5%	77.4%
2008	82.6%	73.2%	81.0%	74.5%	78.4%	66.7%	72.4%	24.0%	59.4%	74.6%	77.4%

Data Source: College Board.



**Table II - 170: Number of Calculus AB Advanced Placement Test-Takers - Non-Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,251	28,568	4,344	740	1,033	539	1,402	2,498	692	1,757	925
2005	1,341	30,017	4,485	814	1,020	615	1,438	2,539	739	1,807	899
2006	1,416	30,526	4,644	855	1,029	652	1,470	2,573	618	1,745	853
2007	1,530	32,573	5,131	857	1,029	650	1,616	2,597	836	1,779	882
2008	1,517	34,072	5,155	857	1,105	716	1,621	2,729	833	1,819	994
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	918	18,209	2,769	575	656	376	777	1,350	456	1,054	614
2005	950	18,882	2,842	621	648	403	832	1,310	497	1,117	562
2006	1,036	20,408	3,027	709	675	436	912	1,602	377	1,169	623
2007	1,149	21,040	3,188	654	659	483	977	1,582	549	1,126	592
2008	1,133	22,846	3,448	690	740	513	1,035	1,695	601	1,180	700
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	73.4%	63.7%	63.7%	77.7%	63.5%	69.8%	55.4%	54.0%	65.9%	60.0%	66.4%
2005	70.8%	62.9%	63.4%	76.3%	63.5%	65.5%	57.9%	51.6%	67.3%	61.8%	62.5%
2006	73.2%	66.9%	65.2%	82.9%	65.6%	66.9%	62.0%	62.3%	61.0%	67.0%	73.0%
2007	75.1%	64.6%	62.1%	76.3%	64.0%	74.3%	60.5%	60.9%	65.7%	63.3%	67.1%
2008	74.7%	67.1%	66.9%	80.5%	67.0%	71.6%	63.8%	62.1%	72.1%	64.9%	70.4%

Data Source: College Board.

**Table II - 171: Number of Calculus BC Advanced Placement Test-Takers - Non-Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	593	8,301	1,251	356	373	153	349	548	248	344	270
2005	624	8,779	1,337	294	416	143	393	528	271	386	290
2006	587	8,733	1,448	331	394	131	393	540	210	326	283
2007	612	9,296	1,501	380	425	142	452	580	208	348	320
2008	678	9,990	1,533	341	402	173	528	653	227	411	334
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	559	7,063	1,081	317	303	104	274	445	214	280	219
2005	585	7,537	1,126	263	314	120	325	453	245	320	250
2006	542	7,465	1,211	317	296	104	297	484	189	286	248
2007	561	7,878	1,273	350	312	110	367	509	193	311	241
2008	628	8,449	1,302	315	312	142	414	548	208	355	262
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	94.3%	85.1%	86.4%	89.0%	81.2%	68.0%	78.5%	81.2%	86.3%	81.4%	81.1%
2005	93.8%	85.9%	84.2%	89.5%	75.5%	83.9%	82.7%	85.8%	90.4%	82.9%	86.2%
2006	92.3%	85.5%	83.6%	95.8%	75.1%	79.4%	75.6%	89.6%	90.0%	87.7%	87.6%
2007	91.7%	84.7%	84.8%	92.1%	73.4%	77.5%	81.2%	87.8%	92.8%	89.4%	75.3%
2008	92.6%	84.6%	84.9%	92.4%	77.6%	82.1%	78.4%	83.9%	91.6%	86.4%	78.4%

Data Source: College Board.



**Table II - 172: Number of Statistics Advanced Placement Test-Takers - Non-Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	454	8,455	1,381	254	297	167	452	356	387	489	293
2005	498	9,178	1,469	237	254	169	434	376	457	557	324
2006	536	9,906	1,521	306	332	214	485	416	495	472	335
2007	544	10,662	1,683	308	277	194	462	629	566	573	339
2008	636	11,584	1,743	352	317	177	473	671	602	581	358
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	350	5,496	821	204	195	111	233	213	279	328	180
2005	387	6,074	891	164	188	96	226	235	350	343	210
2006	404	6,586	932	230	230	117	243	286	344	346	210
2007	404	6,953	985	231	193	122	286	364	406	403	216
2008	463	7,648	1,018	261	232	103	324	384	416	409	227
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	77.1%	65.0%	59.4%	80.3%	65.7%	66.5%	51.5%	59.8%	72.1%	67.1%	61.4%
2005	77.7%	66.2%	60.7%	69.2%	74.0%	56.8%	52.1%	62.5%	76.6%	61.6%	64.8%
2006	75.4%	66.5%	61.3%	75.2%	69.3%	54.7%	50.1%	68.8%	69.5%	73.3%	62.7%
2007	74.3%	65.2%	58.5%	75.0%	69.7%	62.9%	61.9%	57.9%	71.7%	70.3%	63.7%
2008	72.8%	66.0%	58.4%	74.1%	73.2%	58.2%	68.5%	57.2%	69.1%	70.4%	63.4%

Data Source: College Board.

**Table II - 173: Number of Biology Advanced Placement Test-Takers - Non-Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	801	19,120	2,915	523	697	242	870	2,030	589	911	630
2005	924	21,301	3,286	563	720	261	925	2,241	579	1,078	661
2006	948	21,272	3,400	469	742	271	857	2,199	593	1,055	661
2007	969	22,491	3,612	521	850	373	1,057	2,329	685	1,184	620
2008	1,061	23,100	3,457	545	812	314	1,086	2,176	645	1,125	676
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	627	13,202	2,055	420	472	149	526	1,327	413	609	452
2005	714	14,388	2,248	462	499	185	622	1,438	423	698	444
2006	737	14,866	2,503	385	516	202	578	1,480	383	683	488
2007	747	15,501	2,496	450	557	239	684	1,569	511	721	416
2008	722	13,545	2,050	398	467	168	603	1,257	434	556	402
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	78.3%	69.0%	70.5%	80.3%	67.7%	61.6%	60.5%	65.4%	70.1%	66.8%	71.7%
2005	77.3%	67.5%	68.4%	82.1%	69.3%	70.9%	67.2%	64.2%	73.1%	64.7%	67.2%
2006	77.7%	69.9%	73.6%	82.1%	69.5%	74.5%	67.4%	67.3%	64.6%	64.7%	73.8%
2007	77.1%	68.9%	69.1%	86.4%	65.5%	64.1%	64.7%	67.4%	74.6%	60.9%	67.1%
2008	68.0%	58.6%	59.3%	73.0%	57.5%	53.5%	55.5%	57.8%	67.3%	49.4%	59.5%

Data Source: College Board.



**Table II - 174: Number of Chemistry Advanced Placement Test-Takers - Non-Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	513	11,527	1,463	336	475	90	647	797	381	629	295
2005	525	11,953	1,697	344	452	112	599	824	395	592	248
2006	604	12,368	1,522	452	511	139	644	931	327	671	288
2007	685	14,091	1,884	362	546	172	762	1,028	393	721	348
2008	683	14,635	1,927	425	628	148	813	986	414	808	383
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	376	7,160	994	258	289	63	415	484	239	398	191
2005	398	7,562	1,094	239	260	68	371	495	273	343	165
2006	493	8,023	1,070	356	301	73	442	568	179	363	207
2007	551	8,873	1,242	278	310	88	468	629	248	394	240
2008	540	9,152	1,287	329	342	75	507	603	296	403	238
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	73.3%	62.1%	67.9%	76.8%	60.8%	70.0%	64.1%	60.7%	62.7%	63.3%	64.7%
2005	75.8%	63.3%	64.5%	69.5%	57.5%	60.7%	61.9%	60.1%	69.1%	57.9%	66.5%
2006	81.6%	64.9%	70.3%	78.8%	58.9%	52.5%	68.6%	61.0%	54.7%	54.1%	71.9%
2007	80.4%	63.0%	65.9%	76.8%	56.8%	51.2%	61.4%	61.2%	63.1%	54.6%	69.0%
2008	79.1%	62.5%	66.8%	77.4%	54.5%	50.7%	62.4%	61.2%	71.5%	49.9%	62.1%

Data Source: College Board.

**Table II - 175: Number of Physics B Advanced Placement Test-Takers - Non-Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	243	6,631	1,189	241	205	50	514	599	137	211	207
2005	233	6,819	1,412	230	256	72	342	611	125	205	295
2006	270	7,113	1,353	182	237	127	317	672	96	221	162
2007	353	7,522	1,371	207	253	137	348	714	106	236	1,121
2008	407	7,869	1,470	188	220	144	323	715	94	255	214
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	176	4,353	791	152	160	31	223	317	105	160	109
2005	200	4,601	957	124	191	38	236	325	95	142	168
2006	233	4,878	983	121	190	58	225	401	77	159	97
2007	268	5,058	908	148	188	79	238	423	71	169	135
2008	327	5,378	963	142	161	74	237	452	75	181	125
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	72.4%	65.6%	66.5%	63.1%	78.0%	62.0%	43.4%	52.9%	76.6%	75.8%	52.7%
2005	85.8%	67.5%	67.8%	53.9%	74.6%	52.8%	69.0%	53.2%	76.0%	69.3%	56.9%
2006	86.3%	68.6%	72.7%	66.5%	80.2%	45.7%	71.0%	59.7%	80.2%	71.9%	59.9%
2007	75.9%	67.2%	66.2%	71.5%	74.3%	57.7%	68.4%	59.2%	67.0%	71.6%	12.0%
2008	80.3%	68.3%	65.5%	75.5%	73.2%	51.4%	73.4%	63.2%	79.8%	71.0%	58.4%

Data Source: College Board.



Table II - 176: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Non-Public School Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	220	2,288	314	122	100	43	112	118	61	112	51
2005	214	2,290	299	111	130	56	125	117	40	134	68
2006	202	2,183	277	112	148	51	124	100	36	97	61
2007	191	2,008	228	97	93	46	124	140	29	90	47
2008	188	2,257	272	121	80	49	130	193	36	115	80
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	178	1,581	200	110	57	28	57	83	47	54	34
2005	175	1,588	175	90	75	35	73	87	36	70	52
2006	179	1,541	199	99	59	32	84	64	24	53	38
2007	166	1,462	185	90	51	33	87	92	26	54	31
2008	163	1,616	193	114	40	37	89	134	29	58	47
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	80.9%	69.1%	63.7%	90.2%	57.0%	65.1%	50.9%	70.3%	77.0%	48.2%	66.7%
2005	81.8%	69.3%	58.5%	81.1%	57.7%	62.5%	58.4%	74.4%	90.0%	52.2%	76.5%
2006	88.6%	70.6%	71.8%	88.4%	39.9%	62.7%	67.7%	64.0%	66.7%	54.6%	62.3%
2007	86.9%	72.8%	81.1%	92.8%	54.8%	71.7%	70.2%	65.7%	89.7%	60.0%	66.0%
2008	86.7%	71.6%	71.0%	94.2%	50.0%	75.5%	68.5%	69.4%	80.6%	50.4%	58.8%

Data Source: College Board.

Table II - 177: Number of Physics C: Mechanical Advanced Placement Test-Takers - Non-Public School Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	298	4,337	608	157	160	46	183	279	116	277	107
2005	323	4,535	716	152	184	57	222	290	95	266	133
2006	300	4,608	650	152	196	56	239	330	109	234	149
2007	263	4,590	707	173	181	54	263	312	105	257	154
2008	277	4,749	744	166	134	76	263	372	84	262	160
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	260	3,108	411	131	89	36	130	191	92	141	77
2005	251	3,170	437	113	111	47	163	210	82	172	104
2006	253	3,316	457	132	123	45	169	235	92	162	97
2007	230	3,335	496	134	125	46	190	222	89	184	91
2008	240	3,615	541	136	88	61	194	291	81	183	130
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	87.2%	71.7%	67.6%	83.4%	55.6%	78.3%	71.0%	68.5%	79.3%	50.9%	72.0%
2005	77.7%	69.9%	61.0%	74.3%	60.3%	82.5%	73.4%	72.4%	86.3%	64.7%	78.2%
2006	84.3%	72.0%	70.3%	86.8%	62.8%	80.4%	70.7%	71.2%	84.4%	69.2%	65.1%
2007	87.5%	72.7%	70.2%	77.5%	69.1%	85.2%	72.2%	71.2%	84.8%	71.6%	59.1%
2008	86.6%	76.1%	72.7%	81.9%	65.7%	80.3%	73.8%	78.2%	96.4%	69.8%	81.3%

Data Source: College Board.



Table II - 178: Number of Computer Science A Advanced Placement Test-Takers - Non-Public School Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	56	1,963	321	34	86	13	95	164	46	99	81
2005	50	1,899	324	56	100	26	106	131	38	109	58
2006	51	1,944	342	58	67	27	105	129	52	110	35
2007	71	1,901	347	65	75	25	93	124	53	76	47
2008	46	1,925	369	75	38	13	110	118	36	62	55
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	35	1,130	192	21	43	7	50	83	29	46	32
2005	39	1,139	213	33	53	14	51	67	32	54	37
2006	34	1,192	248	46	23	18	41	70	33	53	22
2007	58	1,103	189	41	25	17	51	68	30	46	19
2008	34	1,110	239	36	14	5	53	60	24	38	25
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	62.5%	57.6%	59.8%	61.8%	50.0%	53.8%	52.6%	50.6%	63.0%	46.5%	39.5%
2005	78.0%	60.0%	65.7%	58.9%	53.0%	53.8%	48.1%	51.1%	84.2%	49.5%	63.8%
2006	66.7%	61.3%	72.5%	79.3%	34.3%	66.7%	39.0%	54.3%	63.5%	48.2%	62.9%
2007	81.7%	58.0%	54.5%	63.1%	33.3%	68.0%	54.8%	54.8%	56.6%	60.5%	40.4%
2008	73.9%	57.7%	64.8%	48.0%	36.8%	38.5%	48.2%	50.8%	66.7%	61.3%	45.5%

Data Source: College Board.

Table II - 179: Number of Computer Science AB Advanced Placement Test-Takers - Non-Public School Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	70	980	230	32	33	1	57	47	41	36	43
2005	61	749	185	31	23	4	38	38	31	38	20
2006	47	644	149	31	20	1	41	33	23	29	12
2007	56	731	165	33	27	4	33	47	26	36	18
2008	60	682	138	37	25	3	21	32	13	42	20
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	47	608	157	20	10	1	35	30	30	26	20
2005	47	563	156	24	15	2	29	30	18	27	7
2006	33	459	121	24	12	1	22	21	18	20	9
2007	50	549	139	27	16	3	24	35	18	30	11
2008	45	498	105	31	19	3	14	24	12	32	13
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	67.1%	62.0%	68.3%	62.5%	30.3%	100.0%	61.4%	63.8%	73.2%	72.2%	46.5%
2005	77.0%	75.2%	84.3%	77.4%	65.2%	50.0%	76.3%	78.9%	58.1%	71.1%	35.0%
2006	70.2%	71.3%	81.2%	77.4%	60.0%	100.0%	53.7%	63.6%	78.3%	69.0%	75.0%
2007	89.3%	75.1%	84.2%	81.8%	59.3%	75.0%	72.7%	74.5%	69.2%	83.3%	61.1%
2008	75.0%	73.0%	76.1%	83.8%	76.0%	100.0%	66.7%	75.0%	92.3%	76.2%	65.0%

Data Source: College Board.



**Table II - 180: Number of Calculus AB Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	3,912	141,762	23,135	1,894	5,922	3,153	4,682	12,317	4,680	4,856	4,477
2005	4,009	150,644	25,097	1,984	6,233	3,032	4,852	11,952	5,014	5,047	4,731
2006	4,220	160,428	26,937	2,179	6,705	3,425	5,204	12,087	5,616	5,302	5,024
2007	4,671	171,973	28,975	2,284	7,111	3,776	5,409	12,813	5,718	5,973	5,564
2008	4,906	181,014	29,981	2,386	7,498	3,721	5,826	13,008	6,033	6,167	5,824
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,536	82,332	13,832	1,249	4,093	1,961	3,174	7,475	2,490	3,132	2,475
2005	2,662	85,241	14,886	1,356	4,274	1,919	3,199	7,213	2,629	3,416	2,582
2006	2,971	96,090	16,608	1,618	4,691	2,121	3,746	8,217	2,956	3,650	2,847
2007	3,279	98,348	16,865	1,639	4,789	2,119	3,727	8,173	3,014	3,934	3,038
2008	3,489	107,567	17,953	1,803	5,133	2,348	4,104	8,726	3,373	4,201	3,451
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	64.8%	58.1%	59.8%	65.9%	69.1%	62.2%	67.8%	60.7%	53.2%	64.5%	55.3%
2005	66.4%	56.6%	59.3%	68.3%	68.6%	63.3%	65.9%	60.3%	52.4%	67.7%	54.6%
2006	70.4%	59.9%	61.7%	74.3%	70.0%	61.9%	72.0%	68.0%	52.6%	68.8%	56.7%
2007	70.2%	57.2%	58.2%	71.8%	67.3%	56.1%	68.9%	63.8%	52.7%	65.9%	54.6%
2008	71.1%	59.4%	59.9%	75.6%	68.5%	63.1%	70.4%	67.1%	55.9%	68.1%	59.3%

Data Source: College Board.

**Table II - 181: Number of Calculus BC Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	976	41,031	7,029	482	2,858	766	1,643	3,295	1,574	1,189	2,023
2005	1,035	44,578	7,729	490	2,912	993	1,811	3,456	1,679	1,255	2,241
2006	1,249	48,586	8,624	517	3,164	1,163	1,934	3,585	2,078	1,447	2,302
2007	1,274	53,318	10,002	592	3,261	1,272	2,144	3,795	2,336	1,636	2,443
2008	1,497	56,795	10,300	570	3,241	1,393	2,407	4,159	2,331	1,850	2,628
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	829	32,138	5,510	431	2,509	552	1,408	2,537	1,235	1,015	1,523
2005	894	35,557	6,145	436	2,552	792	1,626	2,750	1,307	1,081	1,749
2006	1,044	39,007	7,077	451	2,831	875	1,741	2,896	1,590	1,270	1,729
2007	1,077	42,116	7,863	531	2,893	999	1,898	3,082	1,718	1,372	1,923
2008	1,283	44,921	8,137	494	2,850	1,097	2,144	3,321	1,719	1,599	2,041
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	84.9%	78.3%	78.4%	89.4%	87.8%	72.1%	85.7%	77.0%	78.5%	85.4%	75.3%
2005	86.4%	79.8%	79.5%	89.0%	87.6%	79.8%	89.8%	79.6%	77.8%	86.1%	78.0%
2006	83.6%	80.3%	82.1%	87.2%	89.5%	75.2%	90.0%	80.8%	76.5%	87.8%	75.1%
2007	84.5%	79.0%	78.6%	89.7%	88.7%	78.5%	88.5%	81.2%	73.5%	83.9%	78.7%
2008	85.7%	79.1%	79.0%	86.7%	87.9%	78.8%	89.1%	79.9%	73.7%	86.4%	77.7%

Data Source: College Board.



**Table II - 182: Number of Statistics Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,187	56,608	10,953	972	2,532	1,228	2,170	3,723	3,363	1,649	2,668
2005	1,583	66,490	12,848	1,197	2,784	1,450	2,361	4,176	4,220	1,877	3,106
2006	1,977	76,976	14,840	1,385	3,412	1,843	2,605	4,653	4,590	2,235	3,367
2007	2,329	85,620	14,868	1,555	3,866	2,560	2,777	5,536	5,382	2,563	3,599
2008	2,532	94,950	16,899	1,689	4,309	2,753	3,143	5,490	5,430	2,773	3,594
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	826	33,418	5,940	619	1,901	853	1,579	2,178	1,621	1,230	1,402
2005	1,124	39,756	7,094	791	2,062	988	1,846	2,609	2,176	1,448	1,641
2006	1,369	45,582	8,559	893	2,426	1,167	1,906	2,778	2,328	1,753	1,674
2007	1,661	49,455	8,196	1,017	2,595	1,559	2,087	3,329	2,644	1,905	1,849
2008	1,793	55,280	9,691	1,153	2,792	1,823	2,383	3,348	2,853	2,085	1,893
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	69.6%	59.0%	54.2%	63.7%	75.1%	69.5%	72.8%	58.5%	48.2%	74.6%	52.5%
2005	71.0%	59.8%	55.2%	66.1%	74.1%	68.1%	78.2%	62.5%	51.6%	77.1%	52.8%
2006	69.2%	59.2%	57.7%	64.5%	71.1%	63.3%	73.2%	59.7%	50.7%	78.4%	49.7%
2007	71.3%	57.8%	55.1%	65.4%	67.1%	60.9%	75.2%	60.1%	49.1%	74.3%	51.4%
2008	70.8%	58.2%	57.3%	68.3%	64.8%	66.2%	75.8%	61.0%	52.5%	75.2%	52.7%

Data Source: College Board.

**Table II - 183: Number of Biology Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2,776	89,768	17,025	1,686	3,524	1,216	4,212	9,733	2,674	2,726	2,946
2005	2,947	97,527	18,808	1,913	3,696	1,299	4,389	10,092	3,070	3,003	2,928
2006	3,315	107,424	20,405	1,988	4,186	1,744	4,569	10,638	3,391	3,282	3,228
2007	3,819	118,830	22,196	2,099	4,557	1,868	4,691	11,707	3,599	3,735	3,667
2008	4,127	127,624	23,155	2,110	4,818	2,037	5,033	12,135	3,743	4,042	4,099
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,906	52,967	9,771	1,289	2,507	736	2,927	6,398	1,422	1,828	1,665
2005	1,959	58,044	11,022	1,507	2,603	825	3,139	6,854	1,734	2,019	1,798
2006	2,237	63,324	12,031	1,448	2,812	1,059	3,297	7,217	1,846	2,263	1,916
2007	2,663	69,952	13,520	1,666	3,042	1,043	3,444	8,017	2,044	2,517	2,050
2008	2,391	61,500	11,483	1,407	2,745	1,004	3,304	6,862	1,786	2,305	1,897
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	68.7%	59.0%	57.4%	76.5%	71.1%	60.5%	69.5%	65.7%	53.2%	67.1%	56.5%
2005	66.5%	59.5%	58.6%	78.8%	70.4%	63.5%	71.5%	67.9%	56.5%	67.2%	61.4%
2006	67.5%	58.9%	59.0%	72.8%	67.2%	60.7%	72.2%	67.8%	54.4%	69.0%	59.4%
2007	69.7%	58.9%	60.9%	79.4%	66.8%	55.8%	73.4%	68.5%	56.8%	67.4%	55.9%
2008	57.9%	48.2%	49.6%	66.7%	57.0%	49.3%	65.6%	56.5%	47.7%	57.0%	46.3%

Data Source: College Board.



**Table II - 184: Number of Chemistry Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	1,442	57,505	10,316	947	2,790	603	2,649	4,366	1,522	2,341	1,573
2005	1,784	63,846	10,577	1,101	2,844	753	2,905	4,576	1,873	2,329	1,816
2006	1,883	71,961	11,979	1,218	3,405	1,027	3,117	5,400	2,210	2,631	2,266
2007	2,153	79,216	12,283	1,309	3,886	1,381	3,349	5,919	2,179	2,859	2,564
2008	2,480	81,823	12,937	1,395	3,739	1,265	3,508	5,864	2,124	3,061	2,467
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	885	31,803	5,232	659	1,884	351	1,844	2,786	783	1,266	943
2005	1,091	34,465	5,696	765	1,915	410	1,950	3,017	949	1,350	1,108
2006	1,205	40,228	6,693	867	2,192	577	2,193	3,797	1,172	1,604	1,294
2007	1,396	42,857	6,811	902	2,442	735	2,307	3,962	1,198	1,733	1,487
2008	1,582	43,951	7,160	955	2,349	660	2,394	3,918	1,228	1,861	1,352
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	61.4%	55.3%	50.7%	69.6%	67.5%	58.2%	69.6%	63.8%	51.4%	54.1%	59.9%
2005	61.2%	54.0%	53.9%	69.5%	67.3%	54.4%	67.1%	65.9%	50.7%	58.0%	61.0%
2006	64.0%	55.9%	55.9%	71.2%	64.4%	56.2%	70.4%	70.3%	53.0%	61.0%	57.1%
2007	64.8%	54.1%	55.5%	68.9%	62.8%	53.2%	68.9%	66.9%	55.0%	60.6%	58.0%
2008	63.8%	53.7%	55.3%	68.5%	62.8%	52.2%	68.2%	66.8%	57.8%	60.8%	54.8%

Data Source: College Board.

**Table II - 185: Number of Physics B Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	860	35,213	7,105	749	1,370	580	1,169	5,118	982	926	738
2005	915	38,432	7,564	859	1,506	531	1,169	5,337	1,119	900	919
2006	1,048	42,071	8,170	767	1,541	756	1,344	5,751	1,302	935	1,048
2007	1,065	45,113	8,422	877	1,703	928	1,537	5,979	1,259	1,130	998
2008	1,185	47,358	8,659	958	1,963	873	1,609	6,133	1,149	1,211	989
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	521	19,479	3,407	490	1,011	350	781	3,304	557	504	343
2005	605	22,174	3,961	614	1,154	372	817	3,581	659	535	460
2006	757	24,482	4,332	556	1,153	482	993	3,977	728	604	513
2007	697	26,155	4,732	642	1,234	552	1,050	3,937	738	680	518
2008	743	27,470	4,848	662	1,359	579	1,126	4,255	702	743	486
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	60.6%	55.3%	48.0%	65.4%	73.8%	60.3%	66.8%	64.6%	56.7%	54.4%	46.5%
2005	66.1%	57.7%	52.4%	71.5%	76.6%	70.1%	69.9%	67.1%	58.9%	59.4%	50.1%
2006	72.2%	58.2%	53.0%	72.5%	74.8%	63.8%	73.9%	69.2%	55.9%	64.6%	49.0%
2007	65.4%	58.0%	56.2%	73.2%	72.5%	59.5%	68.3%	65.8%	58.6%	60.2%	51.9%
2008	62.7%	58.0%	56.0%	69.1%	69.2%	66.3%	70.0%	69.4%	61.1%	61.4%	49.1%

Data Source: College Board.



Table II - 186: Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers - Public School Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	313	8,215	1,259	81	897	58	554	696	128	448	290
2005	237	8,558	1,224	109	974	78	588	743	114	507	284
2006	216	7,997	1,136	76	851	70	551	734	128	466	319
2007	281	8,780	1,067	111	949	152	636	796	123	405	329
2008	299	9,455	1,151	126	963	136	764	787	194	493	423
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	190	5,232	700	55	679	22	384	471	82	303	190
2005	159	5,645	702	78	713	30	443	517	82	352	186
2006	170	5,625	766	55	671	41	455	542	104	337	232
2007	211	6,209	734	85	753	81	514	584	100	304	242
2008	243	6,516	813	93	755	82	591	548	126	325	268
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	60.7%	63.7%	55.6%	67.9%	75.7%	37.9%	69.3%	67.7%	64.1%	67.6%	65.5%
2005	67.1%	66.0%	57.4%	71.6%	73.2%	38.5%	75.3%	69.6%	71.9%	69.4%	65.5%
2006	78.7%	70.3%	67.4%	72.4%	78.8%	58.6%	82.6%	73.8%	81.3%	72.3%	72.7%
2007	75.1%	70.7%	68.8%	76.6%	79.3%	53.3%	80.8%	73.4%	81.3%	75.1%	73.6%
2008	81.3%	68.9%	70.6%	73.8%	78.4%	60.3%	77.4%	69.6%	64.9%	65.9%	63.4%

Data Source: College Board.

Table II - 187: Number of Physics C: Mechanical Advanced Placement Test-Takers - Public School Students (MASSIP 2009 Indicator 12)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	705	17,204	3,143	188	1,126	100	1,022	1,195	253	931	657
2005	662	18,520	3,302	219	1,194	137	1,015	1,424	257	999	742
2006	747	19,265	3,135	173	1,243	200	1,089	1,459	277	1,035	748
2007	897	20,964	3,238	278	1,257	279	1,236	1,484	274	1,095	875
2008	930	22,488	3,276	306	1,379	284	1,428	1,456	305	1,337	1,055
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	512	11,889	1,968	140	956	61	776	895	163	706	373
2005	500	12,590	1,970	188	1,013	72	769	1,044	184	741	439
2006	574	13,330	1,999	146	1,065	130	851	1,073	205	797	483
2007	682	14,820	2,162	251	1,075	180	999	1,177	196	825	530
2008	724	16,296	2,302	276	1,155	211	1,169	1,174	231	1,012	655
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	72.6%	69.1%	62.6%	74.5%	84.9%	61.0%	75.9%	74.9%	64.4%	75.8%	56.8%
2005	75.5%	68.0%	59.7%	85.8%	84.8%	52.6%	75.8%	73.3%	71.6%	74.2%	59.2%
2006	76.8%	69.2%	63.8%	84.4%	85.7%	65.0%	78.1%	73.5%	74.0%	77.0%	64.6%
2007	76.0%	70.7%	66.8%	90.3%	85.5%	64.5%	80.8%	79.3%	71.5%	75.3%	60.6%
2008	77.8%	72.5%	70.3%	90.2%	83.8%	74.3%	81.9%	80.6%	75.7%	75.7%	62.1%

Data Source: College Board.



**Table II - 188: Number of Computer Science A Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	383	11,909	1,782	201	336	76	752	1,202	399	373	510
2005	315	11,552	1,771	189	344	111	677	1,055	322	378	477
2006	325	12,164	1,882	162	393	81	635	1,012	313	355	611
2007	327	12,628	1,804	194	390	153	654	1,051	233	412	841
2008	267	13,089	1,766	157	435	99	586	932	311	363	804
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	252	6,798	1,001	94	270	49	477	704	144	250	296
2005	212	6,338	986	95	238	84	431	567	130	238	280
2006	214	7,035	1,029	105	278	58	435	558	119	267	368
2007	216	7,081	1,031	110	269	99	428	626	101	285	387
2008	186	7,427	1,046	105	273	72	409	507	110	228	377
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	65.8%	57.1%	56.2%	46.8%	80.4%	64.5%	63.4%	58.6%	36.1%	67.0%	58.0%
2005	67.3%	54.9%	55.7%	50.3%	69.2%	75.7%	63.7%	53.7%	40.4%	63.0%	58.7%
2006	65.8%	57.8%	54.7%	64.8%	70.7%	71.6%	68.5%	55.1%	38.0%	75.2%	60.2%
2007	66.1%	56.1%	57.2%	56.7%	69.0%	64.7%	65.4%	59.6%	43.3%	69.2%	46.0%
2008	69.7%	56.7%	59.2%	66.9%	62.8%	72.7%	69.8%	54.4%	35.4%	62.8%	46.9%

Data Source: College Board.

**Table II - 189: Number of Computer Science AB Advanced Placement Test-Takers - Public School Students
(MASSIP 2009 Indicator 12)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	153	4,939	661	60	272	31	278	454	77	246	486
2005	150	4,205	508	35	225	44	254	386	79	191	373
2006	115	4,093	599	26	175	32	254	378	79	183	331
2007	97	4,132	611	23	189	27	236	363	91	167	337
2008	151	4,133	605	44	166	28	276	316	95	170	363
Number Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	102	3,137	450	45	192	19	192	304	40	157	298
2005	108	2,870	350	14	153	22	170	285	49	145	253
2006	91	2,893	438	20	141	20	199	255	29	144	233
2007	69	2,915	445	15	140	14	165	269	42	127	260
2008	128	3,028	497	31	130	18	196	241	37	127	290
Percentage Who Scored Three or Higher											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	66.7%	63.5%	68.1%	75.0%	70.6%	61.3%	69.1%	67.0%	51.9%	63.8%	61.3%
2005	72.0%	68.3%	68.9%	40.0%	68.0%	50.0%	66.9%	73.8%	62.0%	75.9%	67.8%
2006	79.1%	70.7%	73.1%	76.9%	80.6%	62.5%	78.3%	67.5%	36.7%	78.7%	70.4%
2007	71.1%	70.5%	72.8%	65.2%	74.1%	51.9%	69.9%	74.1%	46.2%	76.0%	77.2%
2008	84.8%	73.3%	82.1%	70.5%	78.3%	64.3%	71.0%	76.3%	38.9%	74.7%	79.9%

Data Source: College Board.



**Table II - 190: Change in the Number of Calculus AB Advanced Placement Test-Takers 2004 to 2008
(MASSIP 2009 Indicator 12)**

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,260	44,756	7,657	609	1,648	745	1,363	922	1,494	1,373	1,416
% Change 04-08	24.4%	26.3%	27.9%	23.1%	23.7%	20.2%	22.4%	6.2%	27.8%	20.8%	26.2%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	633	23,322	3,981	400	845	417	673	581	821	728	738
% Change 04-08	26.1%	28.6%	29.0%	34.8%	24.6%	24.8%	24.5%	7.8%	30.4%	24.9%	27.3%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	627	21,434	3,676	209	803	328	690	341	673	645	678
% Change 04-08	22.9%	24.1%	26.7%	14.1%	22.8%	16.3%	20.6%	4.6%	25.2%	17.5%	25.1%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	285	8,036	2,572	154	188	88	369	316	119	240	400
% Change 04-08	46.5%	32.0%	26.4%	57.0%	19.3%	32.8%	30.1%	14.3%	35.2%	42.5%	57.9%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	70	3,360	264	10	219	37	93	27	162	117	169
% Change 04-08	70.0%	48.5%	42.2%	11.0%	112.3%	108.8%	46.3%	4.0%	33.8%	78.5%	60.8%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	97	7,646	2,742	66	348	7	157	320	124	42	96
% Change 04-08	75.2%	62.8%	67.8%	93.0%	98.0%	15.2%	52.2%	41.6%	120.4%	46.2%	69.1%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	748	23,097	1,418	355	806	606	616	268	1,018	974	643
% Change 04-08	18.6%	19.8%	13.3%	17.2%	15.6%	19.0%	15.5%	2.6%	24.0%	17.7%	16.2%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	266	5,504	811	117	72	177	219	231	141	62	69
% Change 04-08	21.3%	19.3%	18.7%	15.8%	7.0%	32.8%	15.6%	9.2%	20.4%	3.5%	7.5%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	994	39,252	6,846	492	1,576	568	1,144	691	1,353	1,311	1,347
% Change 04-08	25.4%	27.7%	29.6%	26.0%	26.6%	18.0%	24.4%	5.6%	28.9%	27.0%	30.1%

Data Source: College Board.



**Table II - 191: Change in the Number of Calculus BC Advanced Placement Test-Takers 2004 to 2008
(MASSIP 2009 Indicator 12)**

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	606	17,453	3,553	73	412	647	943	969	736	728	669
% Change 04-08	38.6%	35.4%	42.9%	8.7%	12.8%	70.4%	47.3%	25.2%	40.4%	47.5%	29.2%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	257	7,853	1,639	63	216	236	383	489	315	343	357
% Change 04-08	44.6%	39.7%	46.4%	20.5%	16.8%	60.5%	50.9%	29.7%	40.3%	65.5%	37.9%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	349	9,600	1,914	10	196	411	560	480	421	385	312
% Change 04-08	35.1%	32.5%	40.3%	1.9%	10.1%	77.7%	45.2%	21.8%	40.4%	38.2%	23.1%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	201	5,939	1,840	51	118	104	364	383	150	206	278
% Change 04-08	54.6%	49.0%	47.4%	28.3%	16.8%	88.1%	52.4%	34.8%	58.1%	83.7%	54.1%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	27	547	33	6	-6	17	19	33	52	14	-4
% Change 04-08	128.6%	53.4%	30.3%	66.7%	-12.2%	283.3%	86.4%	37.9%	78.8%	63.6%	-4.3%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	27	-1,914	488	16	38	17	45	29	30	23	48
% Change 04-08	180.0%	-85.8%	79.2%	106.7%	63.3%	566.7%	118.4%	17.5%	81.1%	191.7%	77.4%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	327	8,535	922	-15	282	506	459	455	456	438	275
% Change 04-08	31.1%	27.5%	31.0%	-2.5%	12.5%	68.4%	42.0%	20.4%	32.6%	37.4%	18.4%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	85	1,689	282	-15	29	20	179	105	-21	67	64
% Change 04-08	14.3%	20.3%	22.5%	-4.2%	7.8%	13.1%	51.3%	19.2%	-8.5%	19.5%	23.7%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	521	15,764	3,271	88	383	627	764	864	757	661	605
% Change 04-08	53.4%	38.4%	46.5%	18.3%	13.4%	81.9%	46.5%	26.2%	48.1%	55.6%	29.9%

Data Source: College Board.



**Table II - 192: Change in the Number of Statistics Advanced Placement Test-Takers 2004 to 2008
(MASSIP 2009 Indicator 12)**

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,527	41,471	6,308	815	1,797	1,535	994	2,082	2,282	1,216	991
% Change 04-08	93.1%	63.7%	51.1%	66.5%	63.5%	110.0%	37.9%	51.0%	60.9%	56.9%	33.5%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	694	21,557	3,307	392	943	784	496	1,854	1,279	539	527
% Change 04-08	86.2%	66.3%	52.0%	65.1%	69.5%	121.7%	43.7%	154.5%	64.8%	54.2%	35.0%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	833	19,914	3,001	423	854	751	498	1,128	1,003	677	464
% Change 04-08	99.6%	61.2%	50.3%	67.8%	58.0%	100.0%	33.5%	57.0%	56.5%	59.2%	31.9%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	232	7,064	2,162	127	308	130	318	497	235	248	189
% Change 04-08	95.1%	67.8%	54.2%	107.6%	68.1%	120.4%	49.8%	77.8%	105.9%	125.3%	46.4%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	61	2,962	113	28	337	43	55	174	80	30	74
% Change 04-08	184.8%	112.2%	33.4%	100.0%	510.6%	268.8%	110.0%	132.8%	25.7%	54.5%	52.9%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	54	4,412	1,287	40	269	36	72	146	96	36	35
% Change 04-08	163.6%	102.8%	88.5%	105.3%	202.3%	200.0%	91.1%	68.9%	110.3%	144.0%	33.0%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,112	24,754	2,188	588	781	1,258	496	1,130	1,760	874	597
% Change 04-08	90.6%	56.3%	40.0%	59.8%	38.2%	104.3%	29.5%	40.3%	58.7%	49.7%	27.9%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	182	3,129	362	98	20	10	21	315	215	92	65
% Change 04-08	40.1%	37.0%	26.2%	38.6%	6.7%	6.0%	4.6%	88.5%	55.6%	18.8%	22.2%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,345	38,342	5,946	717	1,777	1,525	973	1,767	2,067	1,124	926
% Change 04-08	113.3%	67.7%	54.3%	73.8%	70.2%	124.2%	44.8%	47.5%	61.5%	68.2%	34.7%

Data Source: College Board.



**Table II - 193: Change in the Number of Biology Advanced Placement Test-Takers 2004 to 2008
(MASSIP 2009 Indicator 12)**

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,611	41,836	6,672	446	1,409	893	1,037	2,548	1,125	1,530	1,199
% Change 04-08	45.0%	38.4%	33.5%	20.2%	33.4%	61.2%	20.4%	21.7%	34.5%	42.1%	33.5%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	743	25,085	3,817	321	889	468	604	1,476	669	941	769
% Change 04-08	30.0%	39.4%	33.9%	25.4%	35.9%	55.6%	20.0%	21.1%	33.8%	45.0%	34.3%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	568	16,751	2,855	125	520	425	433	1,072	456	589	430
% Change 04-08	40.5%	37.0%	32.9%	13.2%	29.8%	68.9%	20.9%	22.5%	35.5%	38.1%	32.3%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	237	8,374	2,749	77	308	65	372	444	201	237	346
% Change 04-08	49.2%	44.7%	37.4%	33.2%	38.2%	50.0%	31.6%	27.3%	92.2%	69.1%	61.5%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	119	3,622	99	25	114	19	86	294	67	132	188
% Change 04-08	111.2%	67.4%	17.0%	37.9%	48.9%	63.3%	41.3%	43.3%	25.2%	167.1%	88.3%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	98	5,956	1,899	38	319	35	125	307	57	33	82
% Change 04-08	110.1%	77.6%	67.9%	54.3%	154.1%	205.9%	42.8%	44.9%	81.4%	73.3%	70.7%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,101	21,164	1,215	291	566	759	396	1,313	740	1,087	476
% Change 04-08	41.7%	30.4%	16.9%	17.0%	20.7%	62.6%	13.2%	16.8%	28.9%	36.4%	19.6%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	260	3,980	542	22	115	72	216	146	56	214	46
% Change 04-08	32.5%	20.8%	18.6%	4.2%	16.5%	29.8%	24.8%	7.2%	9.5%	23.5%	7.3%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,351	37,856	6,130	424	1,294	821	821	2,402	1,069	1,316	1,153
% Change 04-08	48.7%	42.2%	36.0%	25.1%	36.7%	67.5%	19.5%	24.7%	40.0%	48.3%	39.1%

Data Source: College Board.



**Table II - 194: Change in the Number of Chemistry Advanced Placement Test-Takers 2004 to 2008
(MASSIP 2009 Indicator 12)**

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,208	27,426	3,085	537	1,102	720	1,025	1,687	635	899	982
% Change 04-08	61.8%	39.7%	26.2%	41.9%	33.8%	103.9%	31.1%	32.7%	33.4%	30.3%	52.6%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	580	13,696	1,421	291	655	323	511	966	217	449	580
% Change 04-08	64.5%	43.0%	25.6%	49.2%	45.1%	115.4%	35.0%	39.6%	23.3%	32.8%	67.1%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	628	13,730	1,664	246	447	397	514	721	418	450	402
% Change 04-08	59.5%	36.9%	26.7%	35.5%	24.6%	96.1%	28.0%	26.5%	43.1%	28.1%	40.0%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	358	6,821	1,515	146	267	89	442	536	133	211	325
% Change 04-08	101.4%	48.0%	29.9%	68.5%	34.9%	102.3%	49.6%	53.2%	68.6%	61.5%	80.4%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	24	1,893	10	15	120	20	40	170	47	44	93
% Change 04-08	53.3%	73.2%	3.6%	46.9%	101.7%	100.0%	38.1%	80.6%	47.5%	74.6%	117.7%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	9	3,030	642	22	159	9	72	138	42	30	57
% Change 04-08	21.4%	70.9%	43.3%	48.9%	89.8%	100.0%	44.7%	61.1%	127.3%	96.8%	116.3%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	741	14,008	497	336	538	592	418	748	375	586	446
% Change 04-08	52.9%	32.1%	12.7%	36.6%	26.5%	109.6%	22.1%	22.7%	24.9%	24.6%	36.9%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	170	3,108	464	89	153	58	166	189	33	179	88
% Change 04-08	33.1%	27.0%	31.7%	26.5%	32.2%	64.4%	25.7%	23.7%	8.7%	28.5%	29.8%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	1,038	24,318	2,621	448	949	662	859	1,498	602	720	894
% Change 04-08	72.0%	42.3%	25.4%	47.3%	34.0%	109.8%	32.4%	34.3%	39.6%	30.8%	56.8%

Data Source: College Board.



**Table II - 195: Change in the Number of Physics B Advanced Placement Test-Takers 2004 to 2008
(MASSIP 2009 Indicator 12)**

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	489	13,383	1,835	156	608	387	249	1,131	124	329	258
% Change 04-08	44.3%	32.0%	22.1%	15.8%	38.6%	61.4%	14.8%	19.8%	11.1%	28.9%	27.3%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	140	4,617	538	66	207	124	131	405	6	101	18
% Change 04-08	42.9%	31.5%	17.0%	19.7%	36.2%	57.9%	24.9%	18.7%	1.6%	26.4%	4.9%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	349	8,766	1,297	90	401	263	218	726	118	228	240
% Change 04-08	44.9%	32.2%	25.3%	13.7%	40.0%	63.2%	20.6%	20.5%	15.8%	30.2%	41.7%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	111	3,124	710	64	76	27	124	325	45	66	42
% Change 04-08	55.2%	40.5%	23.0%	71.9%	21.7%	30.3%	42.2%	37.7%	40.5%	51.2%	31.8%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-9	711	41	3	93	20	25	25	6	11	16
% Change 04-08	-20.5%	50.9%	25.0%	13.6%	211.4%	400.0%	113.6%	13.0%	9.8%	34.4%	30.2%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	17	2,033	489	10	134	8	45	185	19	16	17
% Change 04-08	48.6%	73.5%	50.5%	43.5%	171.8%	200.0%	80.4%	92.0%	100.0%	123.1%	50.0%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	349	6,920	458	70	296	307	132	574	43	234	182
% Change 04-08	47.3%	25.5%	13.8%	8.8%	29.2%	60.0%	12.0%	14.3%	4.9%	26.1%	27.3%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	164	1,238	281	-53	15	94	-191	116	-43	44	7
% Change 04-08	67.5%	18.7%	23.6%	-22.0%	7.3%	188.0%	-37.2%	19.4%	-31.4%	20.9%	3.4%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	325	12,145	1,554	209	593	293	440	1,015	167	285	251
% Change 04-08	37.8%	34.5%	21.9%	27.9%	43.3%	50.5%	37.6%	19.8%	17.0%	30.8%	34.0%

Data Source: College Board.



Table II - 196: Change in the Number of Physics C: Electrical & Magnetic Advanced Placement Test-Takers 2004 to 2008 (MASSIP 2009 Indicator 12)

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-46	1,209	-150	44	46	84	228	166	41	48	162
% Change 04-08	-8.6%	11.5%	-9.5%	21.7%	4.6%	83.2%	34.2%	20.4%	21.7%	8.6%	47.5%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-27	465	-46	27	23	24	73	86	9	32	48
% Change 04-08	-22.3%	20.0%	-11.2%	57.4%	10.0%	104.3%	51.8%	42.8%	19.1%	34.0%	63.2%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-19	744	-104	17	23	60	155	80	32	16	114
% Change 04-08	-4.6%	9.1%	-9.0%	10.9%	3.0%	76.9%	29.5%	13.1%	22.5%	3.4%	43.0%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-9	548	29	25	16	-1	75	71	16	29	65
% Change 04-08	-6.3%	20.9%	4.4%	54.3%	8.0%	-5.0%	36.4%	35.1%	40.0%	43.3%	74.7%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	3	19	-2	1	0	2	7	2	1	-1	1
% Change 04-08	37.5%	10.7%	-13.3%	50.0%	0.0%	200.0%	43.8%	13.3%	25.0%	-25.0%	20.0%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-1	176	-15	4	9	4	25	8	2	6	12
% Change 04-08	-9.1%	48.2%	-17.0%	100.0%	42.9%	400.0%	227.3%	47.1%	66.7%	120.0%	109.1%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-45	378	-152	1	18	83	89	80	19	18	65
% Change 04-08	-13.2%	5.6%	-22.2%	0.7%	2.5%	116.9%	22.6%	15.5%	14.2%	4.0%	30.7%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-32	-31	-42	-1	-20	6	18	75	-25	3	29
% Change 04-08	-14.5%	-1.4%	-13.4%	-0.8%	-20.0%	14.0%	16.1%	63.6%	-41.0%	2.7%	56.9%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-14	1,240	-108	45	66	78	210	91	66	45	133
% Change 04-08	-4.5%	15.1%	-8.6%	55.6%	7.4%	134.5%	37.9%	13.1%	51.6%	10.0%	45.9%

Data Source: College Board.



Table II - 197: Change in the Number of Physics C: Mechanical Advanced Placement Test-Takers 2004 to 2008 (MASSIP 2009 Indicator 12)

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	204	5,696	269	127	227	214	486	354	20	391	451
% Change 04-08	20.3%	26.4%	7.2%	36.8%	17.7%	146.6%	40.3%	24.0%	5.4%	32.4%	59.0%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	21	1,765	55	44	77	61	148	148	-1	148	116
% Change 04-08	8.0%	31.8%	4.7%	55.7%	26.6%	156.4%	50.2%	36.8%	-1.0%	56.5%	53.0%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	183	3,931	214	83	150	153	338	206	21	243	335
% Change 04-08	24.8%	24.6%	8.3%	31.2%	15.0%	143.0%	37.1%	19.2%	7.7%	25.7%	61.5%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	27	1,570	182	35	44	17	117	94	13	107	167
% Change 04-08	12.3%	33.8%	12.8%	52.2%	18.3%	68.0%	31.4%	33.3%	20.3%	85.6%	114.4%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	19	137	3	2	47	3	1	8	-10	2	10
% Change 04-08	146.2%	28.0%	5.9%	50.0%	276.5%	300.0%	3.6%	32.0%	-50.0%	20.0%	52.6%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	19	582	61	6	25	5	49	16	2	15	23
% Change 04-08	79.2%	57.3%	19.9%	75.0%	89.3%	500.0%	204.2%	50.0%	33.3%	115.4%	95.8%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	107	2,980	-54	70	101	191	273	224	13	270	221
% Change 04-08	15.6%	21.2%	-3.3%	28.6%	10.7%	176.9%	38.7%	21.8%	5.0%	27.4%	43.2%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-21	412	136	9	-26	30	80	93	-32	-15	53
% Change 04-08	-7.0%	9.5%	22.4%	5.7%	-16.3%	65.2%	43.7%	33.3%	-27.6%	-5.4%	49.5%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	225	5,284	133	118	253	184	406	261	52	406	398
% Change 04-08	31.9%	30.7%	4.2%	62.8%	22.5%	184.0%	39.7%	21.8%	20.6%	43.6%	60.6%

Data Source: College Board.



Table II - 198: Change in the Number of Computer Science A Advanced Placement Test-Takers 2004 to 2008 (MASSIP 2009 Indicator 12)

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-126	1,142	32	-3	51	23	-151	-316	-98	-47	268
% Change 04-08	-28.7%	8.2%	1.5%	-1.3%	12.1%	25.8%	-17.8%	-23.1%	-22.0%	-10.0%	45.3%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-28	537	47	19	19	12	-14	-31	-2	-9	56
% Change 04-08	-40.6%	23.8%	11.9%	59.4%	42.2%	150.0%	-11.6%	-14.8%	-2.3%	-18.4%	69.1%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-98	605	-15	-22	32	11	-137	-285	-96	-38	212
% Change 04-08	-26.5%	5.2%	-0.9%	-10.8%	8.5%	13.6%	-18.9%	-24.7%	-26.7%	-9.0%	41.6%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	3	707	90	-2	18	4	9	-51	-12	12	130
% Change 04-08	3.3%	24.8%	9.7%	-5.9%	26.5%	33.3%	5.2%	-17.8%	-27.3%	34.3%	154.8%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-6	190	-8	-1	24	-2	-16	14	-14	-1	22
% Change 04-08	-66.7%	39.3%	-22.9%	-10.0%	300.0%	-100.0%	-51.6%	28.0%	-26.4%	-9.1%	110.0%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	3	286	67	1	15	4	8	-20	1	-3	19
% Change 04-08	25.0%	33.4%	50.8%	11.1%	88.2%	N/A	20.5%	-25.6%	7.7%	-37.5%	90.5%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-105	22	-90	16	-9	14	-119	3,747	-63	-34	62
% Change 04-08	-36.3%	0.3%	-11.2%	10.4%	-2.8%	18.7%	-22.5%	442.4%	-20.1%	-8.8%	14.4%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-10	-38	48	41	-48	0	15	-46	-10	-37	-26
% Change 04-08	-17.9%	-1.9%	15.0%	120.6%	-55.8%	0.0%	15.8%	-28.0%	-21.7%	-37.4%	-32.1%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-116	1,180	-16	-44	99	23	-166	-270	-88	-10	294
% Change 04-08	-30.3%	9.9%	-0.9%	-21.9%	29.5%	30.3%	-22.1%	-22.5%	-22.1%	-2.7%	57.6%

Data Source: College Board.



Table II - 199: Change in the Number of Computer Science AB Advanced Placement Test-Takers 2004 to 2008 (MASSIP 2009 Indicator 12)

All Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-12	-1,104	-148	-11	-114	-1	-38	-153	-10	-70	-146
% Change 04-08	-5.4%	-18.7%	-16.6%	-12.0%	-37.4%	-3.1%	-11.3%	-30.5%	-8.5%	-24.8%	-27.6%
Female Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-2	-13	4	7	-2	-2	7	-16	20	-5	-11
% Change 04-08	-7.7%	-2.1%	3.5%	175.0%	-10.5%	-50.0%	21.2%	-20.3%	200.0%	-21.7%	-17.5%
Male Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-10	-1,091	-152	-18	-112	1	-45	-137	-30	-65	-135
% Change 04-08	-5.1%	-20.6%	-19.5%	-20.5%	-39.2%	3.6%	-14.9%	-32.5%	-27.8%	-25.1%	-29.0%
Asian Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	14	-25	9	2	-10	3	-22	-1	-5	-8	-12
% Change 04-08	25.0%	-1.7%	2.1%	11.8%	-16.4%	60.0%	-20.4%	-0.8%	-27.8%	-29.6%	-9.2%
Black Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-1	10	2	1	0	0	8	-13	17	-4	-2
% Change 04-08	-50.0%	9.9%	50.0%	33.3%	0.0%	N/A	N/A	-92.9%	283.3%	-100.0%	-18.2%
Hispanic Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-1	-17	-26	-2	-3	2	2	-4	4	0	-7
% Change 04-08	-25.0%	-7.6%	-57.8%	-33.3%	-25.0%	N/A	33.3%	-22.2%	N/A	0.0%	-33.3%
White Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-23	-987	-104	-11	-91	-9	-20	283	-25	-52	-112
% Change 04-08	-16.0%	-26.4%	-31.0%	-19.0%	-42.1%	-33.3%	-10.3%	90.4%	-28.1%	-22.3%	-35.0%
Non-Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-10	-298	-92	5	-8	2	-36	-15	-28	6	-23
% Change 04-08	-14.3%	-30.4%	-40.0%	15.6%	-24.2%	200.0%	-63.2%	-31.9%	-68.3%	16.7%	-53.5%
Public School Students											
	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
# Change 04-08	-2	-806	-56	-16	-106	-3	-2	-138	18	-76	-123
% Change 04-08	-1.3%	-16.3%	-8.5%	-26.7%	-39.0%	-9.7%	-0.7%	-30.4%	23.4%	-30.9%	-25.3%

Data Source: College Board.



Summary

In 2008, 72.0% of all Massachusetts takers of the Advanced Placement Calculus AB test scored a three or higher. This was higher than the national percentage for all test-takers (60.6%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 76.9%). 68.9% of female Massachusetts AP Calculus AB takers scored a three or higher. This was higher than the national percentage for female test-takers (57.0%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 75.0%). 74.7% of male Massachusetts AP Calculus AB takers scored a three or higher. This was higher than the national percentage for male test-takers (64.1%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 78.5%). 75.2% of Asian Massachusetts AP Calculus AB test-takers scored a three or higher. This was higher than the national percentage for Asian test-takers (66.2%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 80.7%). 37.6% of Black Massachusetts AP Calculus AB takers scored a three or higher. This was higher than the national percentage for Black test-takers (30.4%) but lower than the percentage in five of the comparison states (Connecticut had the highest percentage at 42.6%). 43.4% of Hispanic Massachusetts AP Calculus AB takers scored a three or higher. This was higher than the national percentage for Hispanic test-takers (38.7%) but lower than the percentage in five of the comparison states (Virginia had the highest percentage at 55.3%). 74.1% of White Massachusetts AP Calculus AB takers scored a three or higher. This was higher than the national percentage for White test-takers (64.7%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 79.4%). 71.1% of public school Massachusetts AP Calculus BC takers scored a three or higher. This was higher than the national percentage for public school test-takers (59.4%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 75.6%).

In 2008, 87.9% of all Massachusetts takers of the Advanced Placement Calculus BC test scored a three or higher. This was higher than the national percentage for all test-takers (79.9%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 88.8%). 84.3% of female Massachusetts AP Calculus BC takers scored a three or higher. This was higher than the national percentage for female test-takers (75.8%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 90.0%). 90.1% of male Massachusetts AP Calculus BC takers scored a three or higher. This was higher than the national percentage for male test-takers (82.8%) and higher than the percentage in all of the comparison states. 89.8% of Asian Massachusetts AP Calculus BC takers scored a three or higher. This was higher than the national percentage for Asian test-takers (82.4%) and higher than the percentage in all of the comparison states. 43.8% of Black Massachusetts AP Calculus BC takers scored a three or higher. This was lower than the national percentage for Black test-takers (54.9%) and lower than the percentage in eight of the comparison states (Pennsylvania had the highest percentage at 69.4%). 61.9% of Hispanic Massachusetts AP Calculus BC takers scored a three or higher. This was lower than the national percentage for Hispanic test-takers (62.6%) and lower than the percentage in six of the comparison states (New Jersey had the highest percentage at 83.1%). 89.6% of White Massachusetts AP Calculus BC takers scored a three or higher. This was higher than the national percentage for White test-takers (81.5%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 92.2%). 85.7% of public school Massachusetts AP Calculus BC takers scored a three or higher. This was higher than the national percentage for public school test-takers (79.1%) and higher than the percentage in five of the comparison states (New Jersey had the highest percentage at 89.1%).

In 2008, 71.2% of all Massachusetts takers of the Advanced Placement Statistics test scored a three or higher. This was higher than the national percentage for all test-takers (59.1%) and higher than the percentage in seven of the comparison states (New Jersey had the highest percentage at 74.9%). 66.3% of female Massachusetts AP Statistics takers scored a three or higher. This was higher than the national percentage for female test-takers (53.5%) and higher than the percentage in seven of the comparison states (New Jersey had the highest percentage at 69.2%). 75.6% of male Massachusetts



AP Statistics takers scored a three or higher. This was higher than the national percentage for male test-takers (64.8%) and higher than the percentage in six of the comparison states (New Jersey had the highest percentage at 79.5%). 72.3% of Asian Massachusetts AP Statistics takers scored a three or higher. This was higher than the national percentage for Asian test-takers (67.7%) and higher than the percentage in six of the comparison states (New Jersey had the highest percentage at 79.9%). 37.2% of Black Massachusetts AP Statistics takers scored a three or higher. This was higher than the national percentage for Black test-takers (23.9%) and higher than the percentage in six of the comparison states (New Jersey had the highest percentage at 44.8%). 41.4% of Hispanic Massachusetts AP Statistics takers scored a three or higher. This was higher than the national percentage for Hispanic test-takers (33.5%) but lower than the percentage in five of the comparison states (Pennsylvania had the highest percentage at 63.9%). 74.0% of White Massachusetts AP Statistics takers scored a three or higher. This was higher than the national percentage for White test-takers (63.4%) and higher than the percentage in six of the comparison states (Pennsylvania had the highest percentage at 77.0%). 70.8% of public school Massachusetts AP Statistics takers scored a three or higher. This was higher than the national percentage for public school test-takers (58.2%) and higher than the percentage in seven of the comparison states (New Jersey had the highest percentage at 75.8%).

In 2008, 60.0% of all Massachusetts takers of the Advanced Placement Biology test scored a three or higher. This was higher than the national percentage for all test-takers (49.8%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 68.0%). 54.8% of female Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for female test-takers (45.5%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 64.2%). 68.5% of male Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for male test-takers (55.9%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 73.6%). 71.9% of Asian Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for Asian test-takers (59.1%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 73.5%). 19.9% of Black Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for Black test-takers (21.1%) but lower than the percentage in seven of the comparison states (New Jersey had the highest percentage at 36.7%). 33.7% of Hispanic Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for Hispanic test-takers (26.2%) but lower than the percentage in five of the comparison states (Virginia had the highest percentage at 45.5%). 61.3% of White Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for White test-takers (53.5%) and higher than the percentage in six of the comparison states (Connecticut had the highest percentage at 70.4%). 57.9% of public school Massachusetts AP Biology takers scored a three or higher. This was higher than the national percentage for public school test-takers (48.2%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 66.7%).

In 2008, 67.1% of all Massachusetts takers of the Advanced Placement Chemistry test scored a three or higher. This was higher than the national percentage for all test-takers (55.1%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 70.5%). 60.7% of female Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national percentage for female test-takers (48.0%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 65.6%). 72.7% of male Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national percentage for male test-takers (61.3%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 75.2%). 73.4% of Asian Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national percentage for Asian test-takers (64.6%) and higher than the percentage in seven of the comparison states (New Jersey had the highest percentage at 75.8%). 30.4% of Black Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national percentage for Black test-takers (22.5%) and higher than the percentage in six of the comparison states (New Jersey had the highest percentage at 33.1%). 41.2% of Hispanic Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national



percentage for Hispanic test-takers (29.9%) but lower than the percentage in six of the comparison states (North Carolina had the highest percentage at 52.0%). 67.2% of White Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national percentage for White test-takers (57.4%) and higher than the percentage in five of the comparison states (Connecticut had the highest percentage at 72.6%). 63.8% of public school Massachusetts AP Chemistry takers scored a three or higher. This was higher than the national percentage for public school test-takers (53.7%) and higher than the percentage in six of the comparison states (Connecticut had the highest percentage at 68.5%).

In 2008, 67.2% of all Massachusetts takers of the Advanced Placement Physics B test scored a three or higher. This was higher than the national percentage for all test-takers (59.5%) and higher than the percentage in five of the comparison states (New Jersey had the highest percentage at 70.5%). 58.4% of female Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for female test-takers (50.1%) and higher than the percentage in five of the comparison states (Connecticut had the highest percentage at 68.6%). 70.9% of male Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for male test-takers (64.5%) and higher than the percentage in five of the comparison states (New Jersey had the highest percentage at 76.8%). 68.6% of Asian Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for Asian test-takers (64.2%) and higher than the percentage in five of the comparison states (Illinois had the highest percentage at 79.6%). 48.6% of Black Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for Black test-takers (27.2%) and higher than the percentage in seven of the comparison states (Minnesota had the highest percentage at 52.0%). 34.6% of Hispanic Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for Hispanic test-takers (31.4%) and higher than the percentage in five of the comparison states (Connecticut had the highest percentage at 54.5%). 68.7% of White Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for White test-takers (64.1%) and higher than the percentage in five of the comparison states (Illinois had the highest percentage at 79.9%). 62.7% of public school Massachusetts AP Physics B takers scored a three or higher. This was higher than the national percentage for public school test-takers (58.0%) but lower than the percentage in five of the comparison states (New Jersey had the highest percentage at 70.0%).

In 2008, 83.4% of all Massachusetts takers of the Advanced Placement Physics C: Electrical & Magnetic test scored a three or higher. This was higher than the national percentage for all test-takers (69.4%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 83.8%). 75.5% of female Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was higher than the national percentage for female test-takers (62.9%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 79.7%). 85.2% of male Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was higher than the national percentage for male test-takers (71.5%) and higher than the percentage in eight of the comparison states (Connecticut had the highest percentage at 85.5%). 81.3% of Asian Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was higher than the national percentage for Asian test-takers (72.5%) and higher than the percentage in seven of the comparison states (New Jersey had the highest percentage at 81.9%). 72.7% of Black Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was higher than the national percentage for Black test-takers (46.7%) and higher than the percentage in all of the comparison states. 30.0% of Hispanic Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was lower than the national percentage for Hispanic test-takers (55.3%) and lower than the percentage in five of the comparison states (Connecticut had the highest percentage at 87.5%). 85.2% of White Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was higher than the national percentage for White test-takers (69.9%) and higher than the percentage in all of the comparison states. 81.3% of public school Massachusetts AP Physics C: Electrical & Magnetic takers scored a three or higher. This was higher than the national percentage for public school test-takers (68.9%) and higher than the percentage in all of the comparison states.



In 2008, 79.9% of all Massachusetts takers of the Advanced Placement Physics C: Mechanical test scored a three or higher. This was higher than the national percentage for all test-takers (73.1%) but lower than the percentage in five of the comparison states (Connecticut had the highest percentage at 87.3%). 74.4% of female Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was higher than the national percentage for female test-takers (63.4%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 81.3%). 81.6% of male Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was higher than the national percentage for male test-takers (76.7%) but lower than the percentage in five of the comparison states (Connecticut had the highest percentage at 89.4%). 84.6% of Asian Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was higher than the national percentage for Asian test-takers (76.5%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 92.2%). 34.4% of Black Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was higher than the national percentage for Black test-takers (44.5%) but lower than the percentage in seven of the comparison states (Connecticut had the highest percentage at 85.7%). 34.9% of Hispanic Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was lower than the national percentage for Hispanic test-takers (50.1%) and lower than the percentage in seven of the comparison states (Connecticut had the highest percentage at 85.7%). 83.5% of White Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was higher than the national percentage for White test-takers (75.3%) and higher than the percentage in seven of the comparison states (Connecticut had the highest percentage at 85.7%). 77.8% of public school Massachusetts AP Physics C: Mechanical takers scored a three or higher. This was higher than the national percentage for public school test-takers (72.5%) and higher than the percentage in five of the comparison states (Connecticut had the highest percentage at 90.2%).

In 2008, 70.3% of all Massachusetts takers of the Advanced Placement Computer Science A test scored a three or higher. This was higher than the national percentage for all test-takers (56.9%) and higher than the percentage in all of the comparison states. 78.0% of female Massachusetts AP Computer Science A takers scored a three or higher. This was higher than the national percentage for female test-takers (52.0%) and higher than the percentage in all of the comparison states. 69.1% of male Massachusetts AP Computer Science A takers scored a three or higher. This was higher than the national percentage for male test-takers (58.0%) and higher than the percentage in eight of the comparison states (Minnesota had the highest percentage at 71.7%). 71.3% of Asian Massachusetts AP Computer Science A takers scored a three or higher. This was higher than the national percentage for Asian test-takers (61.0%) and higher than the percentage in eight of the comparison states (New Jersey had the highest percentage at 72.1%). 0.0% of Black Massachusetts AP Computer Science A takers scored a three or higher. This was lower than the national percentage for Black test-takers (24.8%) and lower than the percentage in eight of the comparison states (California had the highest percentage at 44.4%). 26.7% of Hispanic Massachusetts AP Computer Science A takers scored a three or higher. This was lower than the national percentage for Hispanic test-takers (34.9%) and lower than the percentage in six of the comparison states (New York had the highest percentage at 44.8%). 72.8% of White Massachusetts AP Computer Science A takers scored a three or higher. This was higher than the national percentage for White test-takers (61.2%) and higher than the percentage in all of the comparison states. 69.7% of public school Massachusetts AP Computer Science A takers scored a three or higher. This was higher than the national percentage for public school test-takers (56.7%) and higher than the percentage in seven of the comparison states (Minnesota had the highest percentage at 72.7%).

In 2008, 82.0% of all Massachusetts takers of the Advanced Placement Computer Science AB test scored a three or higher. This was higher than the national percentage for all test-takers (73.2%) and higher than the percentage in all of the comparison states. 91.7% of female Massachusetts AP Computer Science AB takers scored a three or higher. This was higher than the national percentage for female test-takers (72.7%) and higher than the percentage in all of the comparison states. 80.7% of male Massachusetts AP Computer Science AB takers scored a three or higher. This was higher than the national percentage for male test-takers (73.3%) and higher than the percentage in eight of the



comparison states (California had the highest percentage at 81.5%). 77.1% of Asian Massachusetts AP Computer Science AB takers scored a three or higher. This was higher than the national percentage for Asian test-takers (78.1%) but lower than the percentage in five of the comparison states (Pennsylvania had the highest percentage at 89.5%). 0.0% of Black Massachusetts AP Computer Science AB takers scored a three or higher. This was lower than the national percentage for Black test-takers (32.4%) and lower than the percentage in three of the comparison states (California had the highest percentage at 83.3%). 0.0% of Hispanic Massachusetts AP Computer Science AB takers scored a three or higher. This was lower than the national percentage for Hispanic test-takers (61.1%) and lower than the percentage in four of the comparison states (California had the highest percentage at 68.4%). 82.6% of White Massachusetts AP Computer Science AB takers scored a three or higher. This was higher than the national percentage for White test-takers (73.2%) and higher than the percentage in all of the comparison states. 84.8% of public school Massachusetts AP Computer Science AB takers scored a three or higher. This was higher than the national percentage for public school test-takers (73.3%) and higher than the percentage in all of the comparison states.

Technical Notes

The Advanced Placement (AP) tests are national tests administered by the College Board that measure students' knowledge in specific subject areas. AP tests are commonly taken by students during the spring semester of their enrollment in an AP course in high school. Students may take as many AP tests as they have AP courses. If a student scores high enough on an AP test, at the discretion of the college, he/she may be granted college credits or have college course requirements waived in that subject area.

The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 AP Summary reports (the most recent ones at the time this report was written) is: http://www.collegeboard.com/student/testing/ap/exgrd_sum/2008.html.



Indicator 13: Percentage of sophomore PSAT test-takers interested in majoring in a STEM area in college

Table II - 200: Number of Sophomores Taking the PSAT - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	22,564	1,025,585	93,688	17,354	11,893	4,106	43,870	55,116	45,084	52,360	41,152
2005	28,147	1,179,532	116,025	22,258	13,699	4,368	49,999	59,837	47,872	54,484	50,173
2006	31,073	1,299,546	170,026	21,580	15,679	5,320	50,773	68,710	50,695	47,757	55,675
2007	32,034	1,393,801	169,382	24,337	21,029	5,250	52,447	109,719	50,608	47,096	64,621
2008	33,457	1,423,538	174,769	24,800	20,971	4,975	53,710	106,652	53,184	47,803	63,505
# Change 04 - 08	10,893	397,953	81,081	7,446	9,078	869	9,840	51,536	8,100	-4,557	22,353
% Change 04 - 08	48.3%	38.8%	86.5%	42.9%	76.3%	21.2%	22.4%	93.5%	18.0%	-8.7%	54.3%

Data Source: College Board.

Table II - 201: Number of Sophomores Who Reported Interest in a STEM College Major - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	6,772	374,828	32,585	4,871	4,563	1,414	13,400	15,809	19,579	18,016	15,025
2005	8,041	417,721	39,878	6,094	5,274	1,588	15,123	17,024	20,751	18,159	17,673
2006	8,639	439,296	51,775	5,809	5,729	1,939	14,898	18,734	21,317	15,921	18,613
2007	9,188	470,912	52,268	6,470	7,585	1,886	15,366	27,525	21,524	16,082	21,545
2008	9,892	484,988	54,087	6,715	7,524	1,887	15,621	26,258	22,065	16,167	21,188
# Change 04 - 08	3,120	110,160	21,502	1,844	2,961	473	2,221	10,449	2,486	-1,850	6,164
% Change 04 - 08	46.1%	29.4%	66.0%	37.9%	64.9%	33.5%	16.6%	66.1%	12.7%	-10.3%	41.0%

Data Source: College Board.

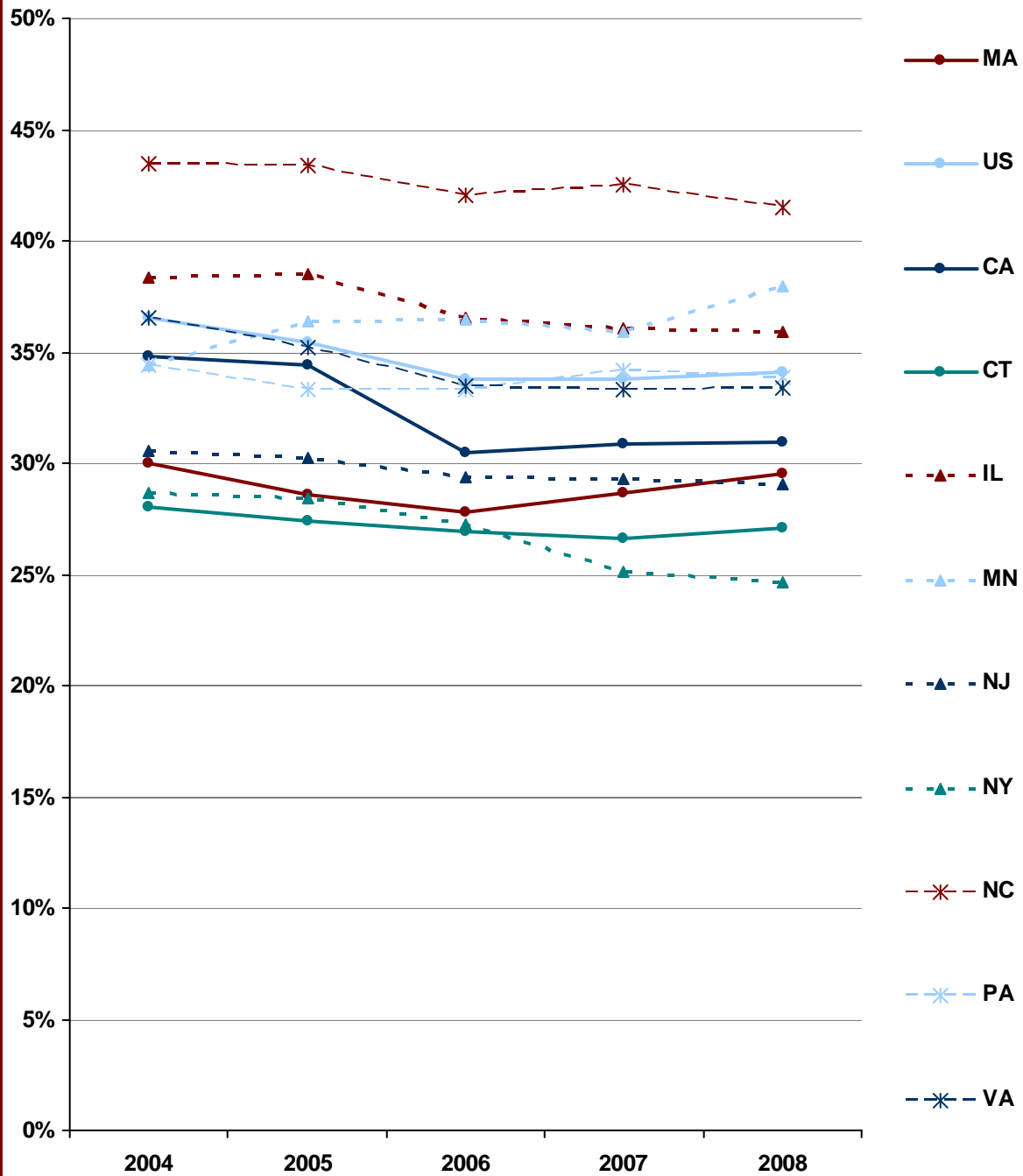
Table II - 202: Interest in STEM College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	30.0%	36.5%	34.8%	28.1%	38.4%	34.4%	30.5%	28.7%	43.4%	34.4%	36.5%
2005	28.6%	35.4%	34.4%	27.4%	38.5%	36.3%	30.2%	28.5%	43.3%	33.3%	35.2%
2006	27.8%	33.8%	30.5%	26.9%	36.5%	36.4%	29.3%	27.3%	42.1%	33.3%	33.4%
2007	28.7%	33.8%	30.9%	26.6%	36.1%	35.9%	29.3%	25.1%	42.5%	34.1%	33.3%
2008	29.6%	34.1%	30.9%	27.1%	35.9%	37.9%	29.1%	24.6%	41.5%	33.8%	33.4%

Data Source: College Board.



Chart II - 80: Interest in STEM College Majors Among Sophomore PSAT Test-Takers – All Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.



Table II - 203: Interest in Agriculture & Natural Resources College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	0.7%	1.2%	0.8%	0.9%	0.6%	0.8%	1.8%	0.5%	0.5%	0.8%	1.0%
2005	0.6%	1.3%	0.8%	1.1%	0.7%	0.7%	2.0%	0.5%	0.6%	1.0%	1.1%
2006	0.6%	1.1%	0.7%	1.0%	0.5%	0.9%	1.9%	0.5%	0.6%	0.9%	1.1%
2007	0.6%	1.1%	0.7%	0.9%	0.5%	1.0%	1.9%	0.6%	0.5%	0.8%	1.1%
2008	0.7%	1.2%	0.9%	1.2%	0.7%	1.3%	1.9%	0.6%	0.6%	0.9%	1.2%

Data Source: College Board.

Table II - 204: Interest in Architecture College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	3.5%	3.7%	3.7%	3.4%	4.1%	4.0%	4.4%	3.3%	3.0%	3.7%	4.1%
2005	3.7%	3.8%	3.9%	3.4%	4.7%	4.1%	4.5%	3.5%	3.3%	3.5%	4.2%
2006	2.0%	2.2%	2.2%	2.1%	2.7%	2.5%	2.6%	2.2%	1.9%	2.3%	2.4%
2007	2.1%	2.1%	2.2%	2.0%	2.6%	2.9%	2.6%	2.1%	1.5%	2.2%	2.3%
2008	2.0%	2.1%	2.1%	2.0%	2.3%	2.2%	2.4%	2.2%	1.6%	2.1%	2.2%

Data Source: College Board.

Table II - 205: Interest in Biological & Biomedical Sciences College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	5.1%	4.5%	5.7%	4.6%	5.4%	5.3%	4.5%	4.8%	4.7%	4.6%	4.9%
2005	4.6%	4.3%	5.4%	4.0%	4.4%	5.5%	4.4%	4.5%	4.6%	4.3%	4.7%
2006	3.9%	3.6%	4.0%	3.6%	4.1%	4.9%	3.6%	4.2%	3.7%	4.1%	4.0%
2007	4.0%	3.4%	4.0%	3.5%	3.5%	3.9%	3.7%	4.2%	2.8%	4.0%	3.7%
2008	4.2%	3.6%	4.3%	3.3%	3.7%	5.1%	3.8%	4.2%	3.0%	4.1%	3.7%

Data Source: College Board.

Table II - 206: Interest in Computer & Information Sciences College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	2.3%	2.7%	2.5%	2.2%	2.3%	2.1%	2.6%	2.6%	2.7%	2.7%	3.6%
2005	1.8%	2.1%	1.9%	1.7%	2.2%	1.8%	1.9%	1.9%	1.9%	2.1%	2.7%
2006	1.0%	1.2%	1.1%	1.1%	1.3%	1.5%	1.1%	1.2%	1.1%	1.3%	1.6%
2007	0.9%	1.1%	1.0%	1.1%	1.1%	0.8%	0.9%	1.0%	1.1%	1.2%	1.4%
2008	1.0%	1.0%	0.9%	0.9%	1.2%	0.8%	0.9%	1.0%	0.9%	1.1%	1.5%

Data Source: College Board.



Table II - 207: Interest in Engineering & Engineering Technology College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	5.9%	7.7%	7.0%	5.2%	7.4%	7.2%	9.3%	5.7%	5.1%	6.1%	8.5%
2005	5.8%	7.7%	7.1%	5.5%	7.5%	7.3%	9.7%	6.2%	5.2%	6.3%	8.7%
2006	7.6%	9.3%	8.5%	6.8%	8.8%	8.7%	11.2%	7.4%	6.8%	7.8%	10.2%
2007	7.7%	9.3%	8.3%	7.0%	8.9%	8.7%	11.1%	7.4%	6.6%	8.2%	10.5%
2008	7.6%	9.3%	8.2%	7.3%	9.2%	9.1%	10.6%	7.3%	6.5%	8.0%	10.3%

Data Source: College Board.

Table II - 208: Interest in Health Professions & Related College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	10.1%	14.5%	12.6%	9.2%	15.6%	12.2%	18.9%	11.0%	10.3%	14.0%	11.8%
2005	10.0%	14.2%	12.9%	9.7%	16.4%	13.9%	18.9%	11.2%	10.6%	13.7%	11.4%
2006	10.6%	14.5%	12.0%	10.4%	17.3%	14.7%	19.7%	11.7%	11.2%	14.5%	12.1%
2007	11.2%	15.0%	12.8%	10.4%	17.2%	15.7%	20.4%	11.8%	10.8%	15.5%	12.4%
2008	12.2%	15.1%	12.8%	10.7%	16.7%	16.0%	20.2%	12.0%	10.3%	15.5%	12.8%

Data Source: College Board.

Table II - 209: Interest in Mathematics & Statistics College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	1.1%	1.0%	1.2%	1.3%	1.5%	1.2%	1.0%	1.3%	1.2%	1.2%	1.1%
2005	0.9%	0.9%	1.1%	0.9%	1.2%	1.1%	1.0%	1.2%	1.2%	1.2%	1.0%
2006	0.9%	0.7%	0.7%	0.8%	0.8%	1.3%	0.7%	0.8%	1.0%	1.0%	0.8%
2007	0.9%	0.7%	0.7%	0.7%	0.9%	1.1%	0.8%	1.0%	0.9%	1.0%	0.8%
2008	0.9%	0.8%	0.7%	0.8%	0.9%	1.3%	0.7%	0.9%	0.9%	1.0%	0.8%

Data Source: College Board.

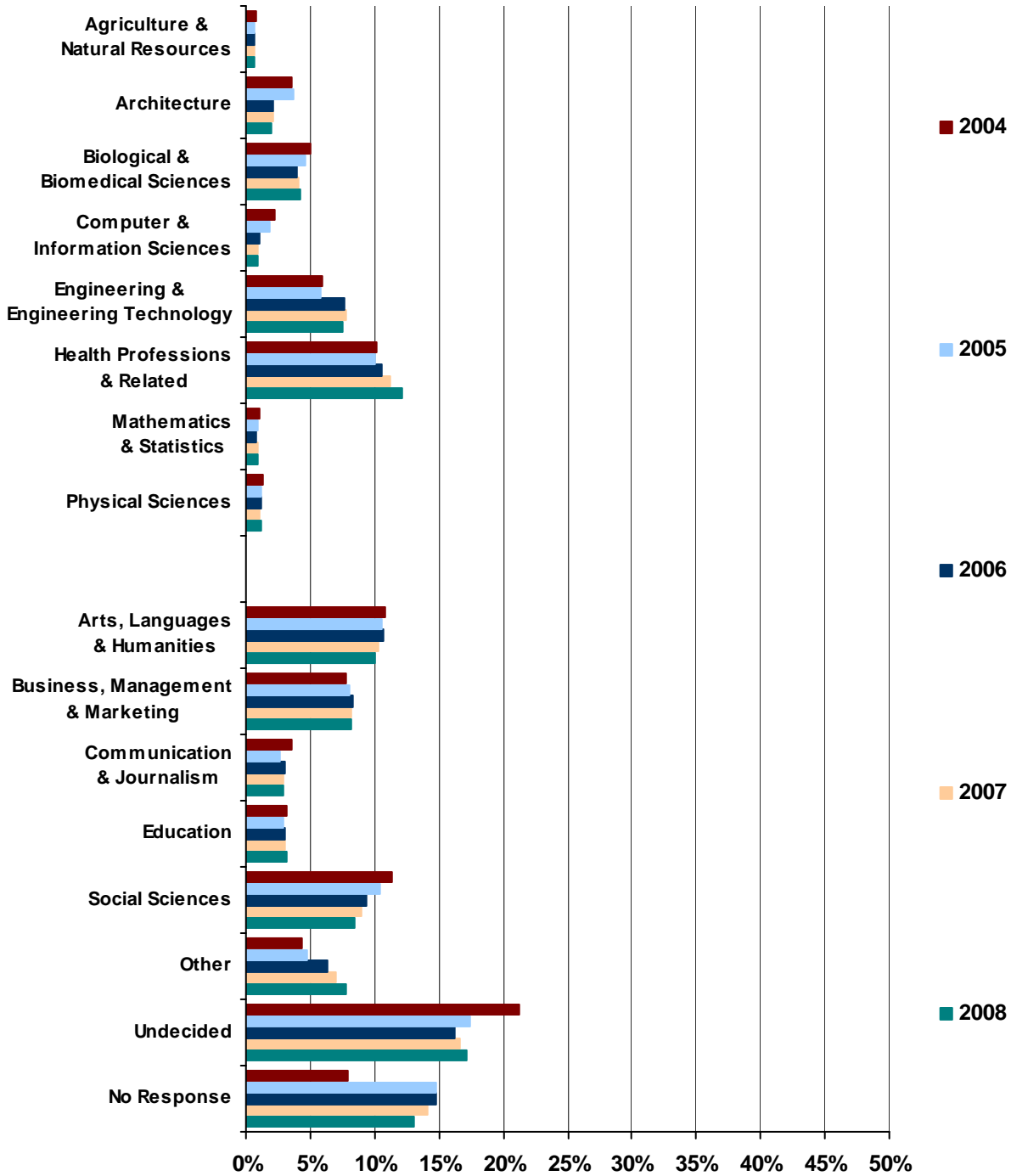
Table II - 210: Interest in Physical Sciences College Majors Among Sophomore PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 13)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	1.3%	1.2%	1.3%	1.3%	1.4%	1.7%	1.0%	1.3%	1.0%	1.3%	1.5%
2005	1.2%	1.2%	1.3%	1.0%	1.4%	1.9%	1.0%	1.3%	1.0%	1.2%	1.4%
2006	1.2%	1.1%	1.1%	1.1%	1.2%	1.9%	1.1%	1.2%	1.0%	1.5%	1.2%
2007	1.1%	1.0%	1.1%	1.0%	1.2%	1.7%	1.1%	1.1%	0.8%	1.4%	1.1%
2008	1.1%	0.9%	1.0%	0.9%	1.2%	2.1%	0.9%	1.0%	0.8%	1.2%	1.0%

Data Source: College Board.

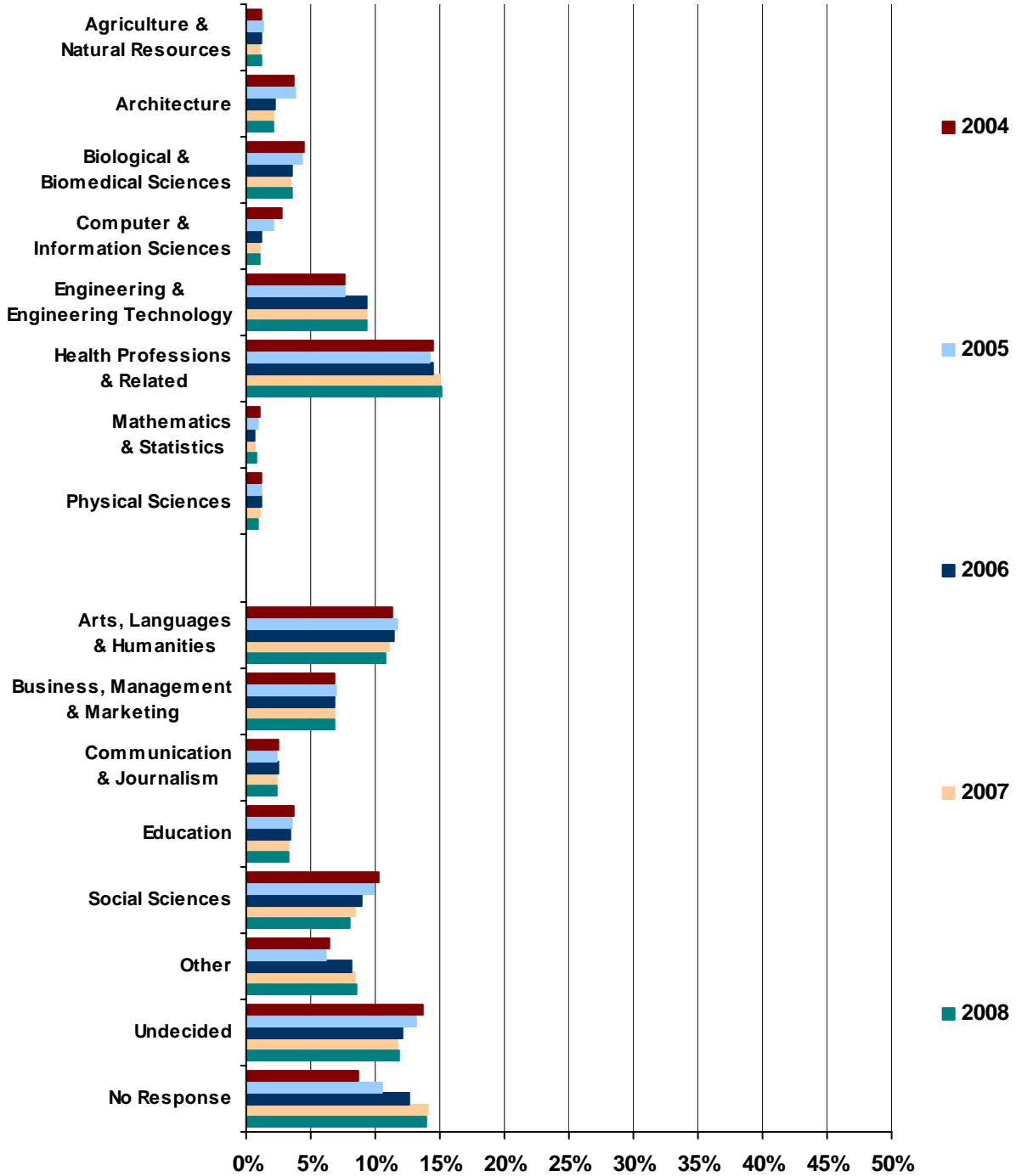


Chart II - 81: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – Massachusetts Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.

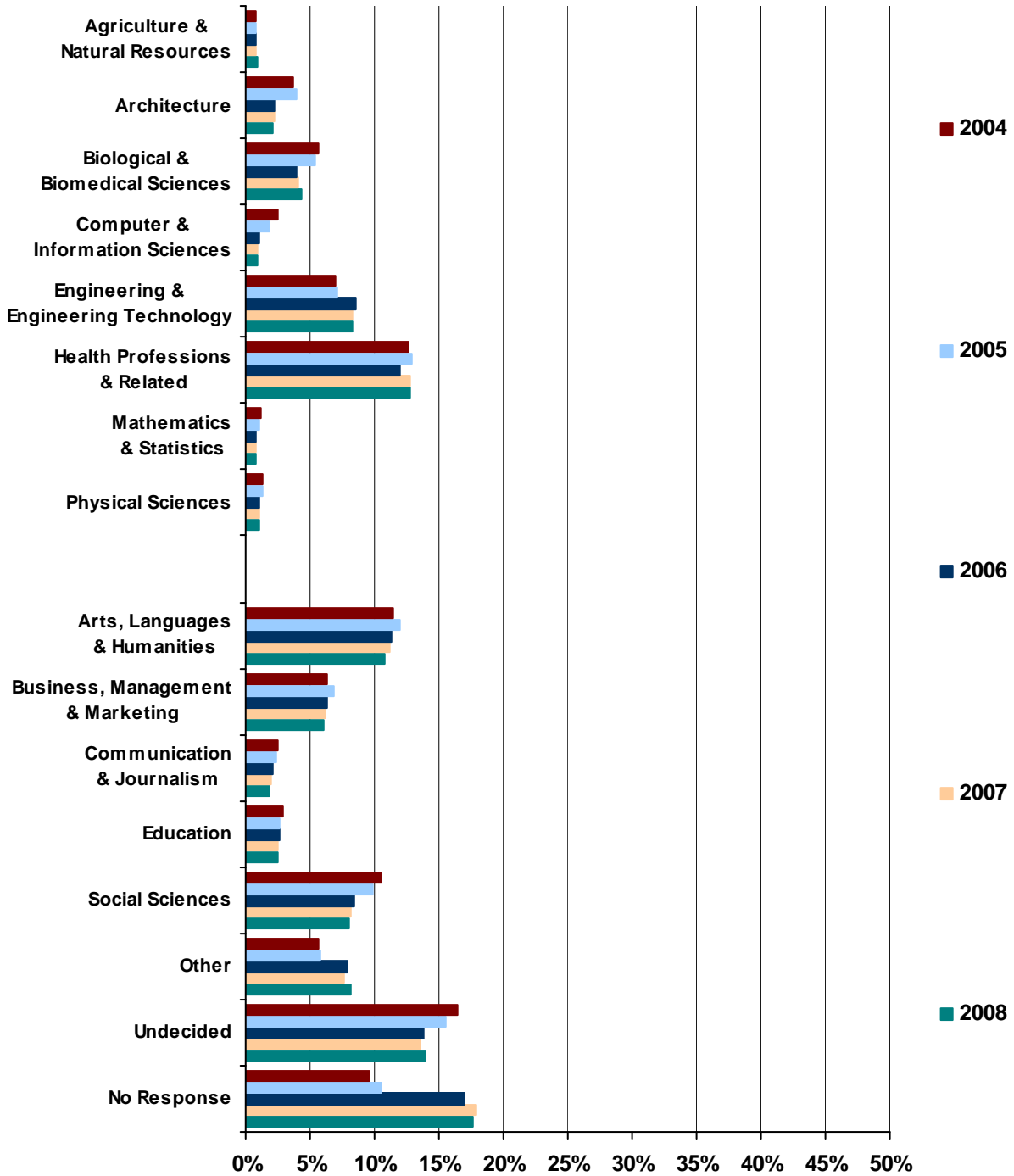
Chart II - 82: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers -- United States Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.

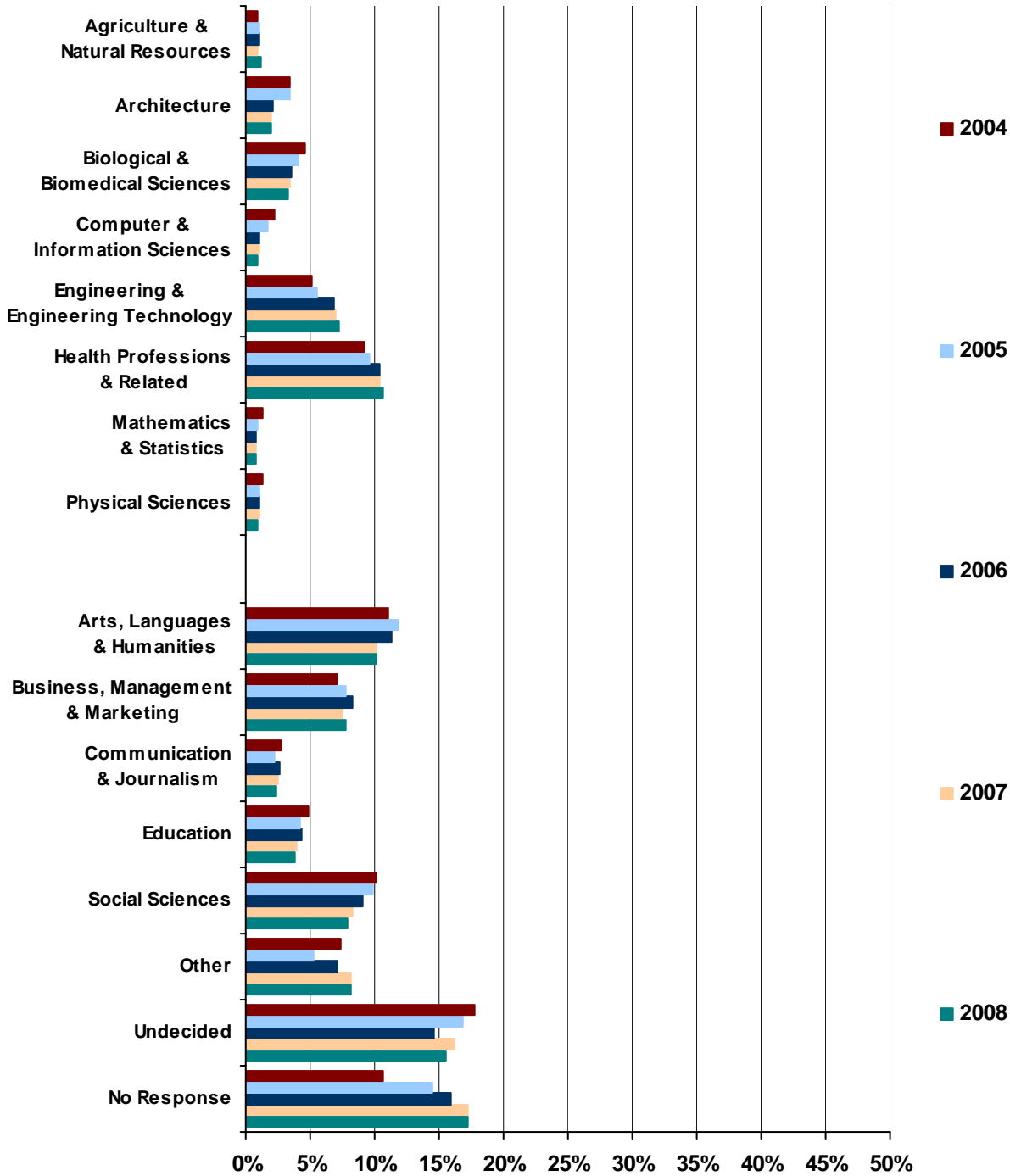


Chart II - 83: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – California Test-Takers (MASSIP 2009 Indicator 13)



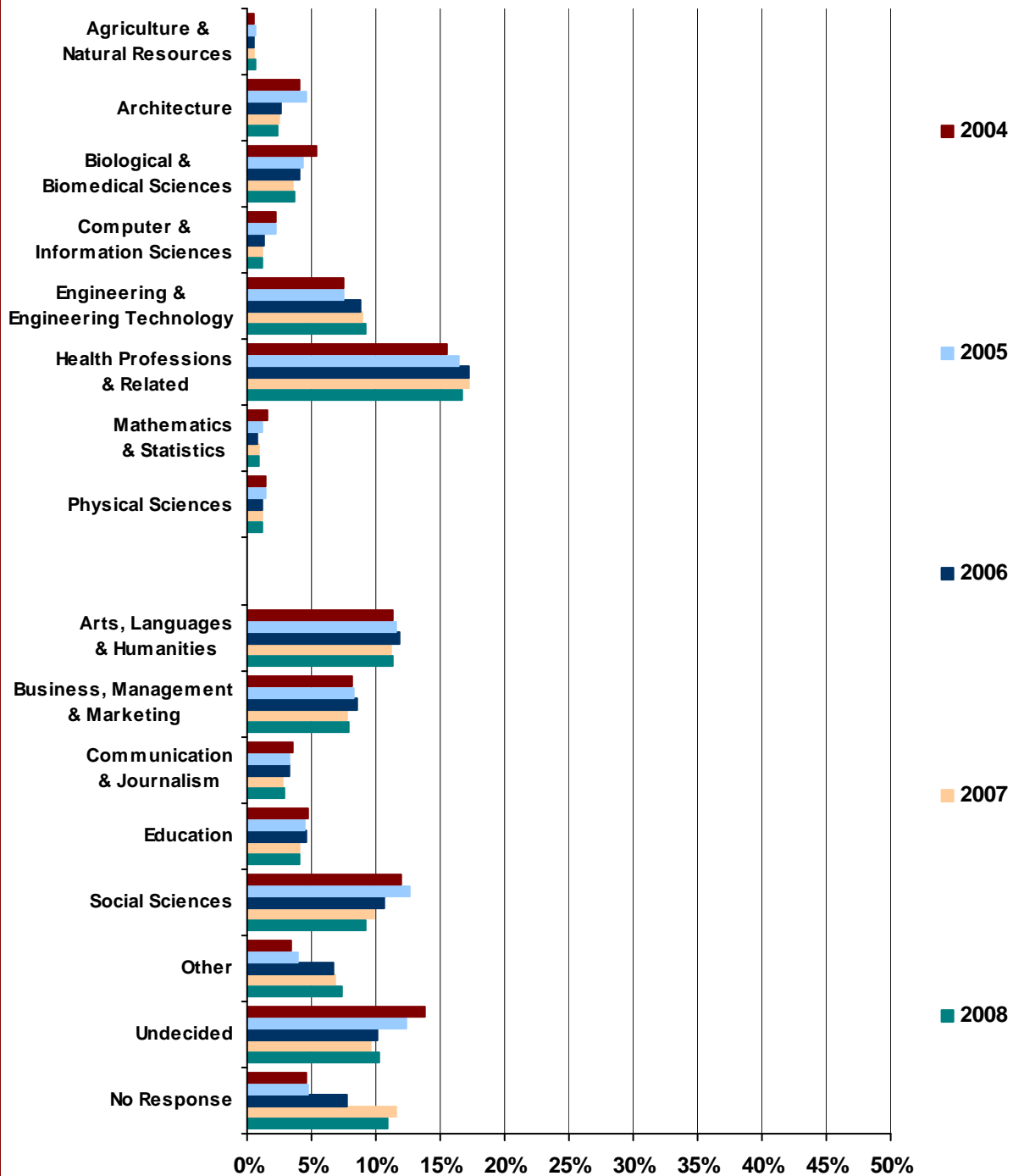
Data Source: College Board.

Chart II - 84: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – Connecticut Test-Takers (MASSIP 2009 Indicator 13)



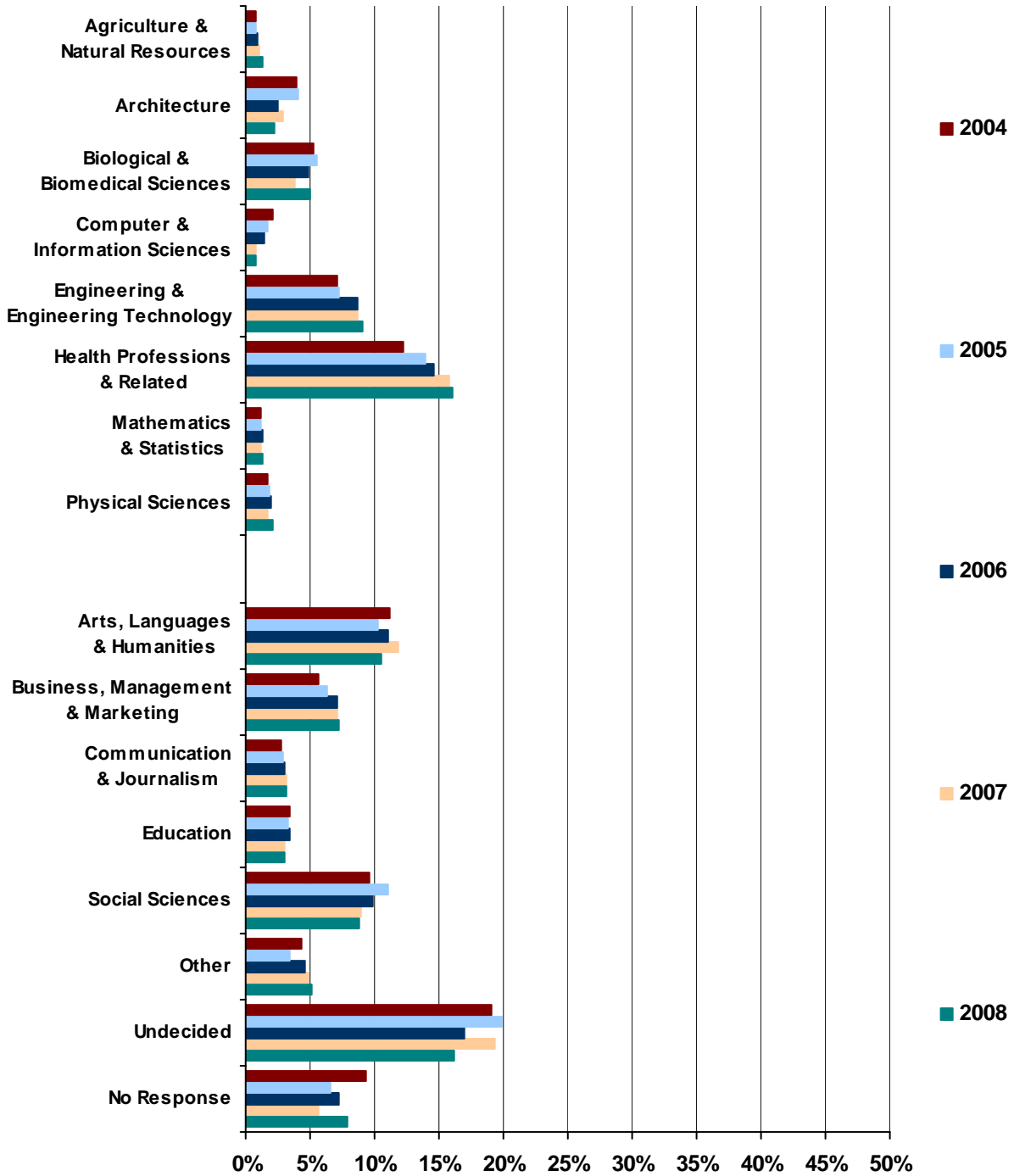
Data Source: College Board.

Chart II - 85: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – Illinois Test-Takers (MASSIP 2009 Indicator 13)



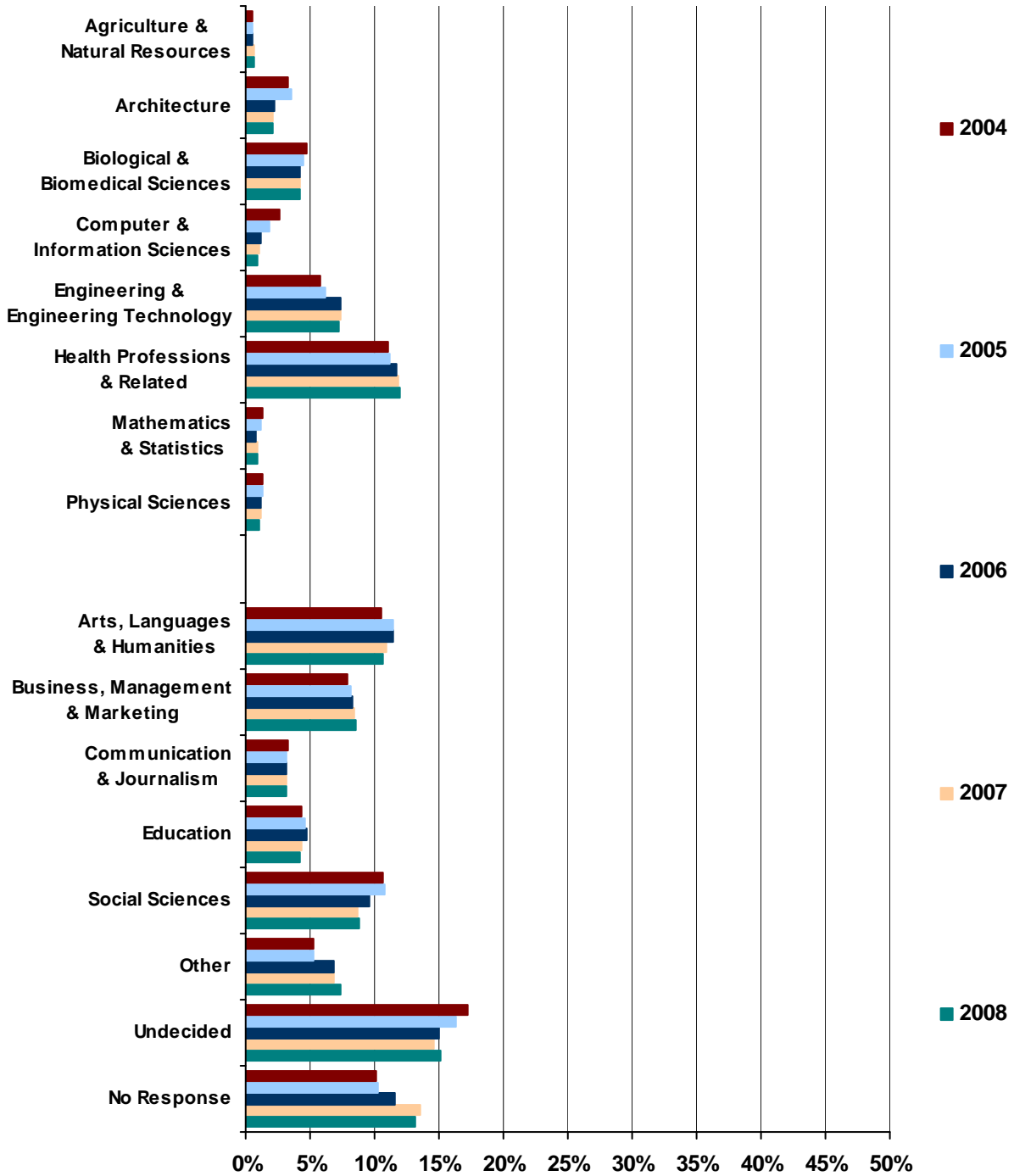
Data Source: College Board.

Chart II - 86: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – Minnesota Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.

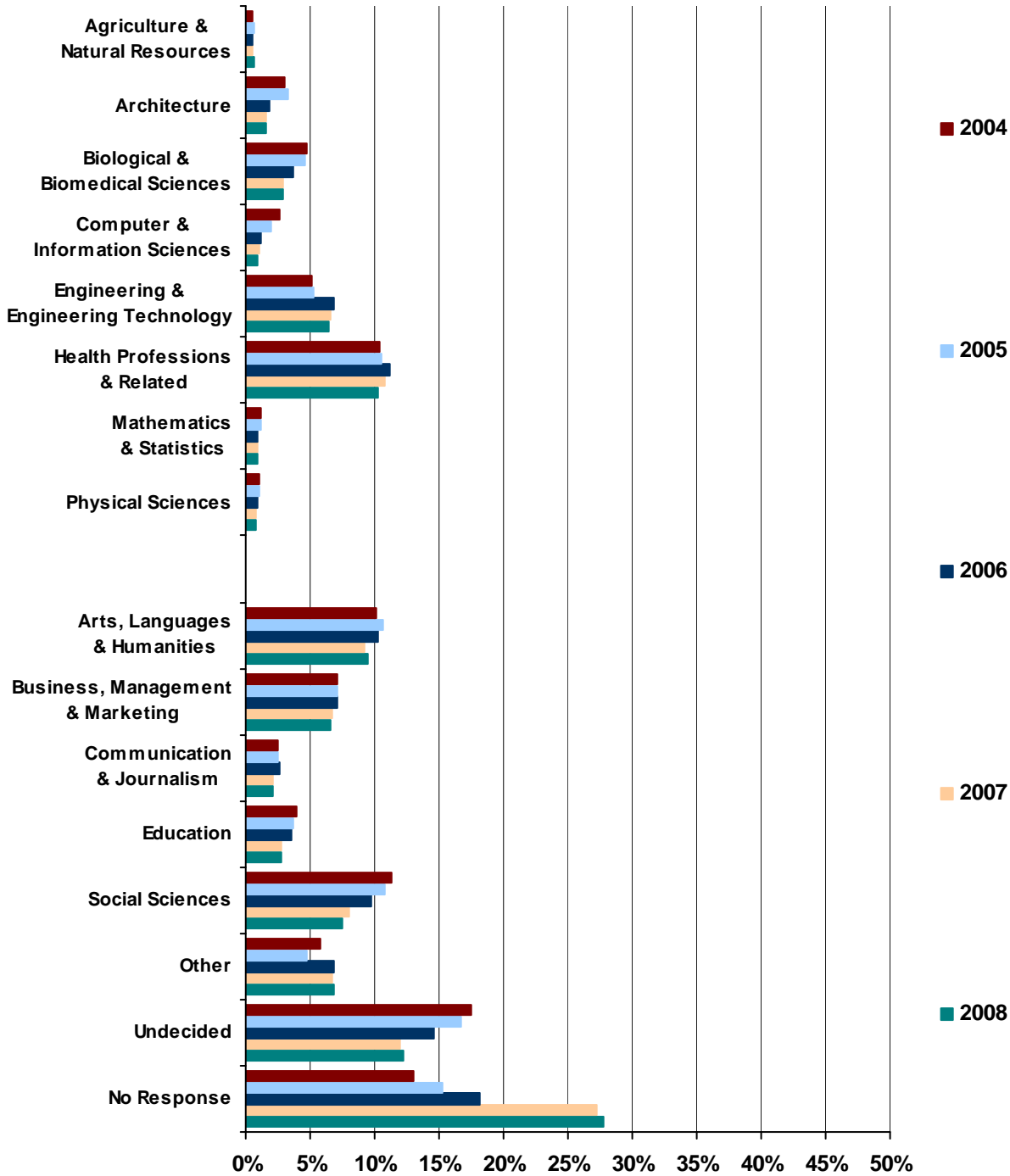
Chart II - 87: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – New Jersey Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.



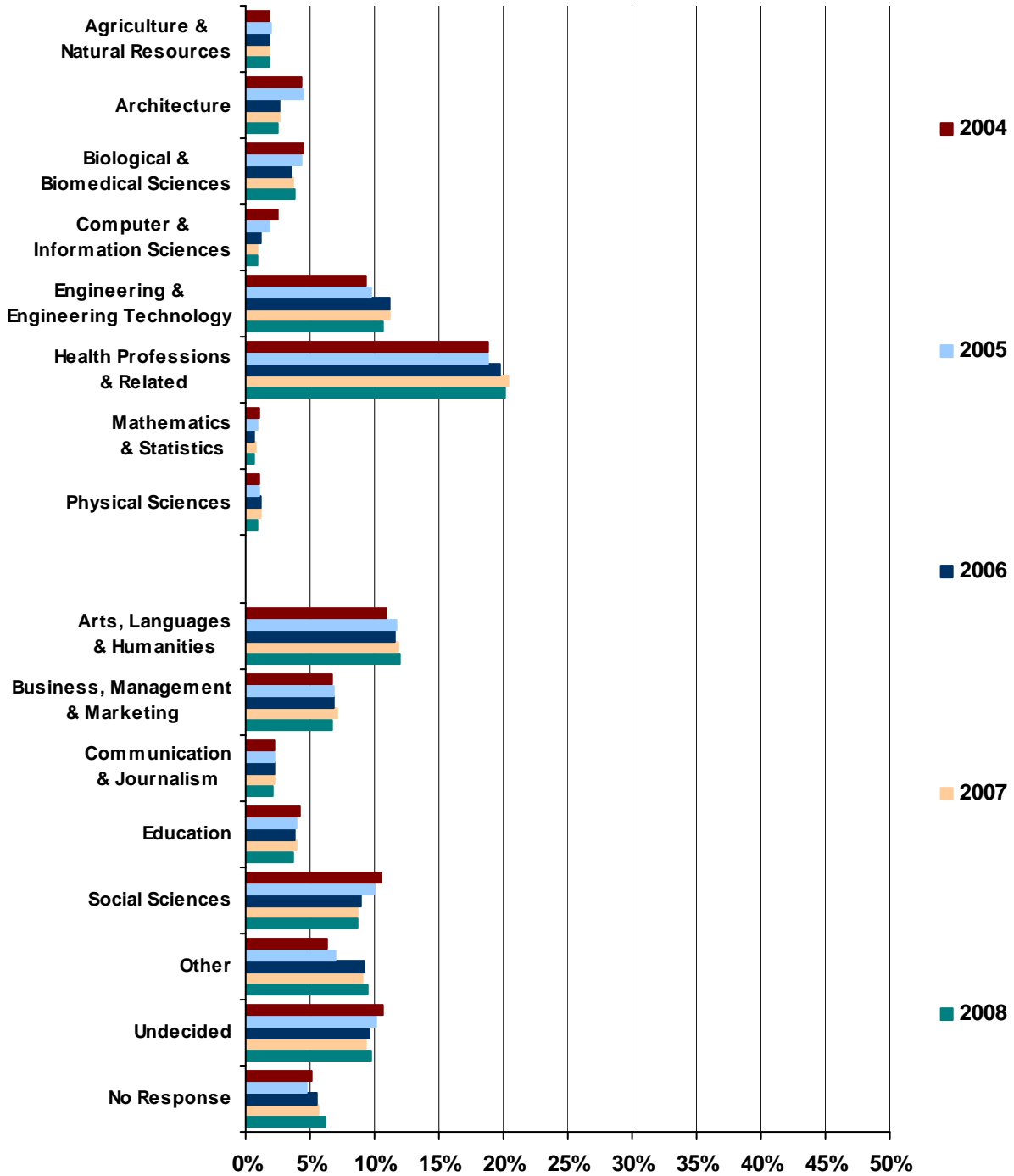
Chart II - 88: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – New York Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.

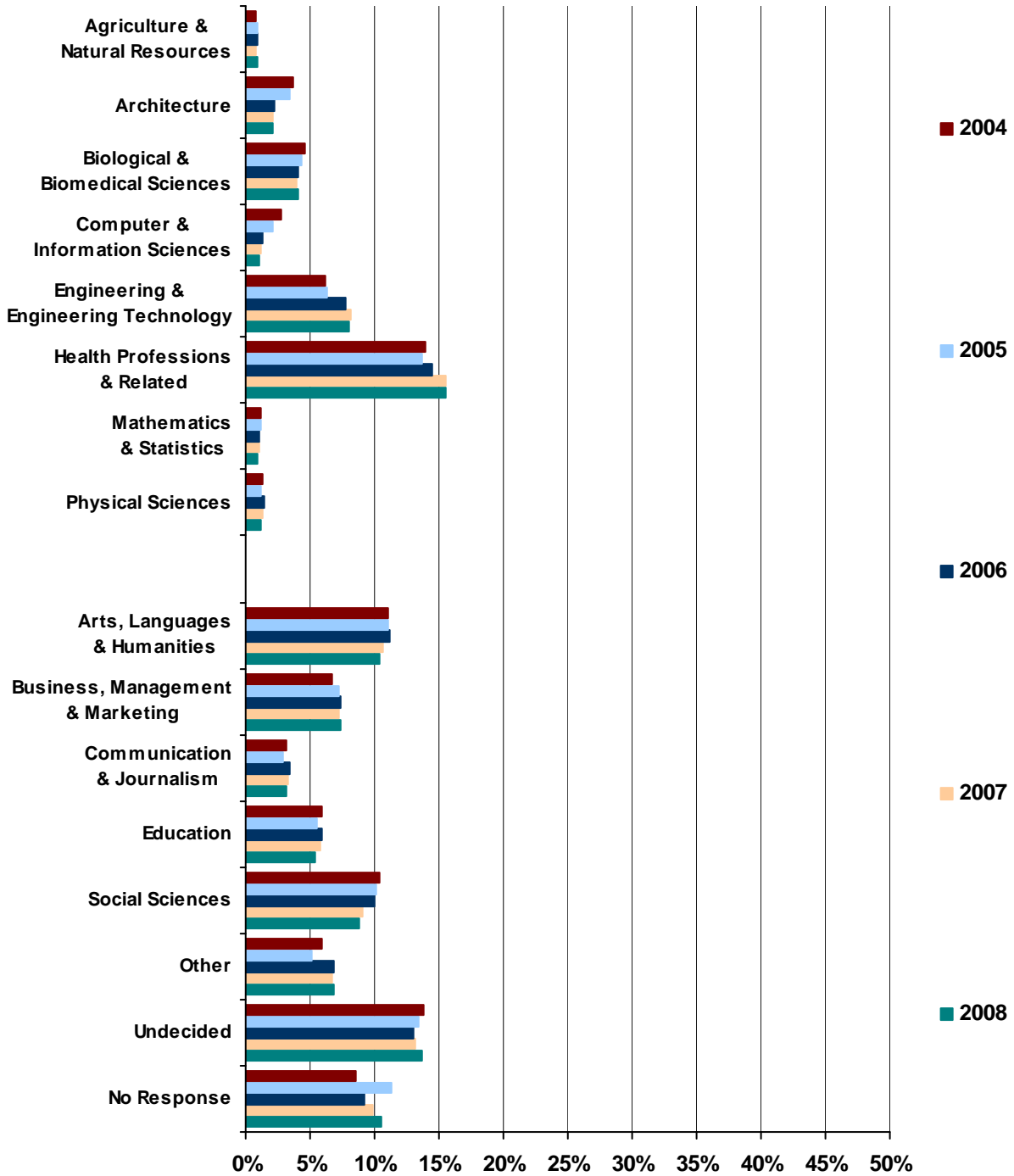


Chart II - 89: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers – North Carolina Test-Takers (MASSIP 2009 Indicator 13)



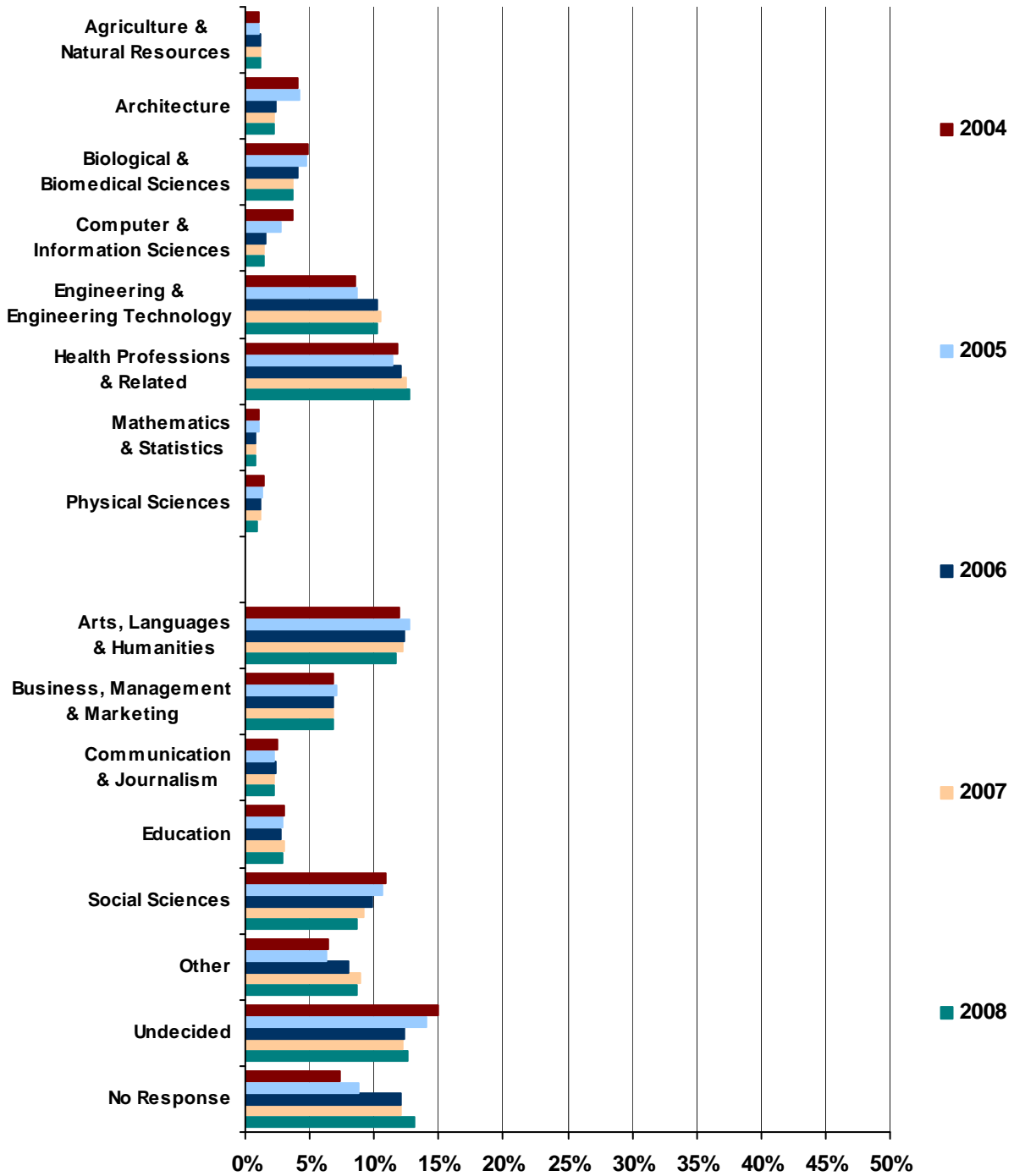
Data Source: College Board.

Chart II - 90: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers -- Pennsylvania Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.

Chart II - 91: Interest in STEM College Majors Among All Sophomore PSAT Test-Takers -- Virginia Test-Takers (MASSIP 2009 Indicator 13)



Data Source: College Board.

Summary

It should be noted that the percentage of students who take the PSAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the preliminary tests leading up to the ACT are dominant in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that PSAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, or who plan to apply for National Merit Scholarships. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the PSAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of PSAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, 29.6% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in a STEM field in college. This was lower than the national average (34.1%) and lower than four of the comparison states included in the analysis (North Carolina had the highest rate of STEM interest at 41.5%).

In 2008, 0.7% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in agriculture and natural resources. This was lower than the national average (1.2%) and lower than five of the comparison states included in the analysis (North Carolina had the highest rate of interest in agriculture and natural resources at 1.9%). 2.0% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in architecture. This was lower than the national average (2.1%) and lower than five of the comparison states included in the analysis (North Carolina had the highest rate of interest in architecture at 2.4%). 4.2% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in biological and biomedical sciences. This was higher than the national average (3.6%) and higher than five of the comparison states included in the analysis (California had the highest rate of interest in biological and biomedical sciences at 4.3%). 1.0% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in computer and information sciences. This was equal to the national average (1.0%) and higher than four of the comparison states included in the analysis (Virginia had the highest rate of interest in computer and information sciences at 1.5%). 7.6% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in engineering and engineering technology. This was lower than the national average (9.3%) and lower than four of the comparison states included in the analysis (North Carolina had the highest rate of interest in engineering and engineering technology at 10.6%). 12.2% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in health professions. This was lower than the national average (15.1%) and lower than four of the comparison states included in the analysis (North Carolina had the highest rate of interest in health professions at 20.2%). 0.9% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in mathematics and statistics. This was higher than the national average (0.8%) and higher than four of the comparison states included in the analysis (Pennsylvania had the highest rate of interest in mathematics and statistics at 1.0%). 1.1% of all Massachusetts sophomore PSAT test-takers responded they were interested in majoring in physical sciences. This was higher than the national average (0.9%) and higher than six of the comparison states included in the analysis (Pennsylvania had the highest rate of interest in physical sciences at 1.2%).

Technical Notes

The PSAT/NMSQT (Preliminary SAT/National Merit Scholarship Qualifying Test) is jointly sponsored by the College Board and the National Merit Scholarship Corporation and may be taken by students during their sophomore or junior year of high school. In addition to helping students prepare for the SAT, participation in the PSAT enables students to access the National Merit Scholarship Corporation's scholarships. The PSAT is a national, standardized test that measures students' skills in critical



reading, mathematics, and writing. It is a preliminary test taken by students planning to enter college. The PSAT has an associated survey where students give information about, grades, plans for college, and other data. Percentages reported in Indicator 13 are based on the total number of PSAT test-takers and not the number of respondents to the survey question about college major preference.

The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 “College Bound Sophomores and Juniors” reports (the most recent ones at the time this report was written) is <http://professionals.collegeboard.com/data-reports-research/psat/cb-jr-soph>.



Indicator 14: Percentage of junior PSAT test-takers interested in majoring in a STEM area in college

Table II - 211: Number of Juniors Taking the PSAT - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	45,909	1,365,512	140,373	29,086	51,429	21,041	63,758	121,386	44,065	74,520	46,064
2005	48,582	1,440,565	155,547	31,061	51,579	20,833	67,344	124,878	46,263	79,307	48,245
2006	49,787	1,467,667	163,778	31,102	50,525	21,088	69,163	127,276	48,738	78,012	51,624
2007	51,916	1,553,731	170,074	33,556	50,451	21,320	72,401	157,307	49,993	80,239	53,287
2008	51,708	1,570,570	170,747	33,245	50,696	22,417	71,736	154,060	50,141	79,073	53,182
# Change 04 - 08	5,799	205,058	30,374	4,159	-733	1,376	7,978	32,674	6,076	4,553	7,118
% Change 04 - 08	12.6%	15.0%	21.6%	14.3%	-1.4%	6.5%	12.5%	26.9%	13.8%	6.1%	15.5%

Data Source: College Board.

Table II - 212: Number of Juniors Who Reported Interest in a STEM College Major - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	6,772	374,828	32,585	4,871	4,563	1,414	13,400	15,809	19,579	18,016	15,025
2005	8,041	417,721	39,878	6,094	5,274	1,588	15,123	17,024	20,751	18,159	17,673
2006	8,639	439,296	51,775	5,809	5,729	1,939	14,898	18,734	21,317	15,921	18,613
2007	9,188	470,912	52,268	6,470	7,585	1,886	15,366	27,525	21,524	16,082	21,545
2008	9,892	484,988	54,087	6,715	7,524	1,887	15,621	26,258	22,065	16,167	21,188
# Change 04 - 08	3,120	110,160	21,502	1,844	2,961	473	2,221	10,449	2,486	-1,850	6,164
% Change 04 - 08	46.1%	29.4%	66.0%	37.9%	64.9%	33.5%	16.6%	66.1%	12.7%	-10.3%	41.0%

Data Source: College Board.

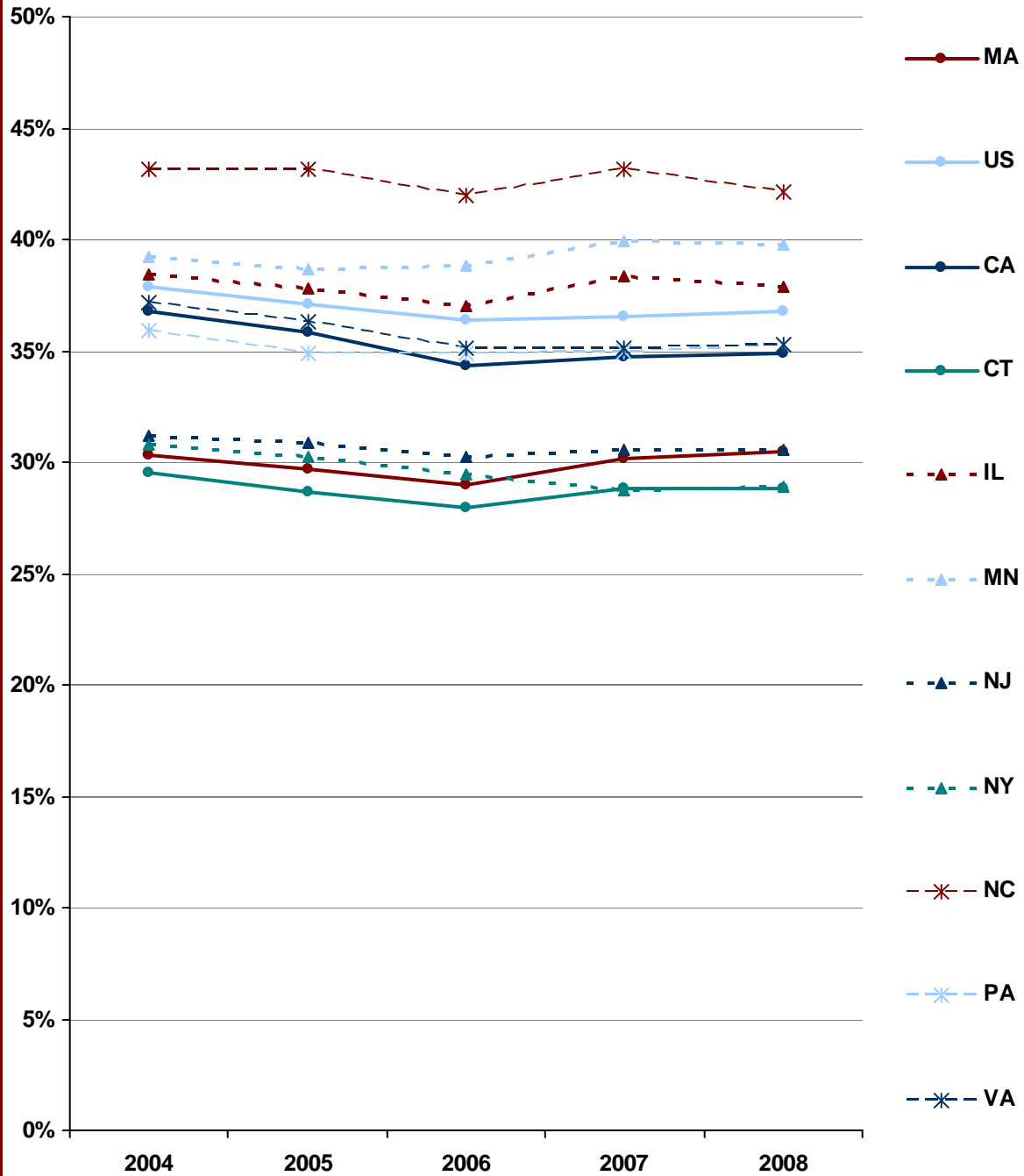
Table II - 213: Interest in STEM College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	30.4%	37.9%	36.8%	29.6%	38.4%	39.2%	31.2%	30.8%	43.1%	35.9%	37.2%
2005	29.7%	37.1%	35.8%	28.7%	37.8%	38.7%	30.9%	30.2%	43.2%	34.9%	36.3%
2006	29.0%	36.4%	34.3%	27.9%	37.0%	38.8%	30.3%	29.5%	42.0%	34.9%	35.1%
2007	30.2%	36.5%	34.7%	28.9%	38.3%	40.0%	30.6%	28.7%	43.2%	34.9%	35.1%
2008	30.5%	36.7%	34.9%	28.8%	37.9%	39.8%	30.6%	28.9%	42.1%	35.3%	35.3%

Data Source: College Board.



Chart II - 92: Interest in STEM College Majors Among Junior PSAT Test-Takers – All Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.



Table II - 214: Interest in Agriculture & Natural Resources College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	0.8%	1.0%	0.8%	0.7%	0.9%	1.2%	0.5%	0.7%	1.4%	0.9%	1.0%
2005	0.8%	1.1%	0.8%	0.9%	1.0%	1.3%	0.5%	0.8%	1.4%	0.9%	1.0%
2006	0.7%	1.1%	0.8%	1.0%	0.9%	1.6%	0.5%	0.7%	1.5%	0.9%	1.1%
2007	0.8%	1.1%	0.8%	1.0%	1.0%	1.6%	0.5%	0.8%	1.5%	1.0%	1.2%
2008	0.9%	1.3%	1.0%	1.2%	0.9%	1.7%	0.6%	0.8%	1.6%	1.1%	1.2%

Data Source: College Board.

Table II - 215: Interest in Architecture College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	3.0%	3.3%	3.5%	2.9%	3.5%	3.7%	2.8%	2.8%	3.7%	3.1%	3.7%
2005	3.1%	3.4%	3.6%	2.9%	3.7%	3.8%	2.9%	2.9%	3.7%	3.1%	3.6%
2006	2.0%	2.2%	2.3%	2.1%	2.3%	2.2%	2.0%	1.9%	2.4%	2.0%	2.4%
2007	1.9%	2.1%	2.3%	1.8%	2.4%	2.1%	2.0%	1.8%	2.4%	1.9%	2.2%
2008	1.8%	2.0%	2.2%	1.8%	2.3%	2.0%	1.9%	1.8%	2.2%	1.7%	2.1%

Data Source: College Board.

Table II - 216: Interest in Biological & Biomedical Sciences College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	4.5%	4.6%	5.8%	4.3%	4.5%	4.8%	4.4%	4.4%	4.1%	4.4%	4.7%
2005	4.1%	4.2%	5.4%	3.8%	4.2%	4.6%	4.1%	4.2%	4.3%	3.9%	4.3%
2006	3.8%	3.7%	4.8%	3.4%	3.7%	4.0%	3.7%	3.6%	3.6%	3.5%	4.0%
2007	3.8%	3.7%	4.9%	3.2%	3.7%	4.1%	3.6%	3.1%	3.8%	3.6%	3.7%
2008	4.0%	3.8%	5.2%	3.6%	3.6%	3.9%	3.9%	3.2%	3.8%	3.6%	3.9%

Data Source: College Board.

Table II - 217: Interest in Computer & Information Sciences College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	2.3%	2.8%	2.6%	2.4%	2.8%	2.3%	2.7%	2.8%	3.0%	3.0%	3.9%
2005	1.8%	2.2%	2.0%	2.1%	2.1%	1.9%	2.2%	2.2%	2.1%	2.3%	2.9%
2006	1.3%	1.4%	1.2%	1.3%	1.3%	1.2%	1.4%	1.4%	1.4%	1.7%	1.9%
2007	1.1%	1.3%	1.0%	1.3%	1.2%	1.3%	1.3%	1.3%	1.3%	1.5%	1.8%
2008	1.1%	1.2%	1.0%	1.1%	1.1%	1.2%	1.2%	1.2%	1.2%	1.3%	1.6%

Data Source: College Board.



Table II - 218: Interest in Engineering & Engineering Technology College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	6.3%	7.8%	7.5%	5.6%	7.8%	7.9%	6.1%	6.0%	9.4%	6.5%	8.2%
2005	6.3%	7.8%	7.4%	5.6%	7.9%	8.1%	6.3%	5.9%	9.4%	6.4%	8.7%
2006	7.6%	9.1%	8.5%	6.9%	9.2%	9.3%	7.5%	7.1%	10.5%	7.8%	9.9%
2007	7.8%	9.1%	8.5%	7.4%	9.2%	10.0%	7.4%	7.1%	10.8%	7.7%	9.9%
2008	7.9%	9.2%	8.7%	7.0%	9.2%	10.2%	7.5%	7.0%	10.2%	8.0%	10.1%

Data Source: College Board.

Table II - 219: Interest in Health Professions & Related College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	11.4%	16.1%	14.2%	11.3%	16.4%	16.3%	12.5%	11.9%	19.5%	15.6%	13.5%
2005	11.7%	16.3%	14.5%	11.4%	16.6%	16.3%	12.9%	12.3%	20.3%	15.9%	13.6%
2006	11.8%	16.8%	14.8%	11.5%	17.5%	17.7%	13.3%	12.9%	20.5%	16.7%	13.6%
2007	12.9%	17.4%	15.3%	12.5%	18.6%	18.3%	13.9%	12.9%	21.4%	17.1%	14.4%
2008	12.9%	17.5%	15.1%	12.3%	18.7%	18.4%	13.7%	13.1%	21.4%	17.5%	14.6%

Data Source: College Board.

Table II - 220: Interest in Mathematics & Statistics College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	0.9%	0.9%	1.0%	1.0%	1.1%	1.2%	1.0%	1.1%	0.9%	1.1%	0.9%
2005	0.7%	0.8%	0.9%	0.8%	1.1%	1.1%	0.9%	0.9%	0.9%	1.0%	0.8%
2006	0.7%	0.7%	0.7%	0.6%	0.7%	0.9%	0.7%	0.7%	0.7%	0.8%	0.8%
2007	0.7%	0.6%	0.7%	0.6%	0.8%	1.0%	0.8%	0.8%	0.6%	0.8%	0.6%
2008	0.8%	0.6%	0.7%	0.8%	0.9%	0.9%	0.8%	0.8%	0.6%	0.7%	0.7%

Data Source: College Board.

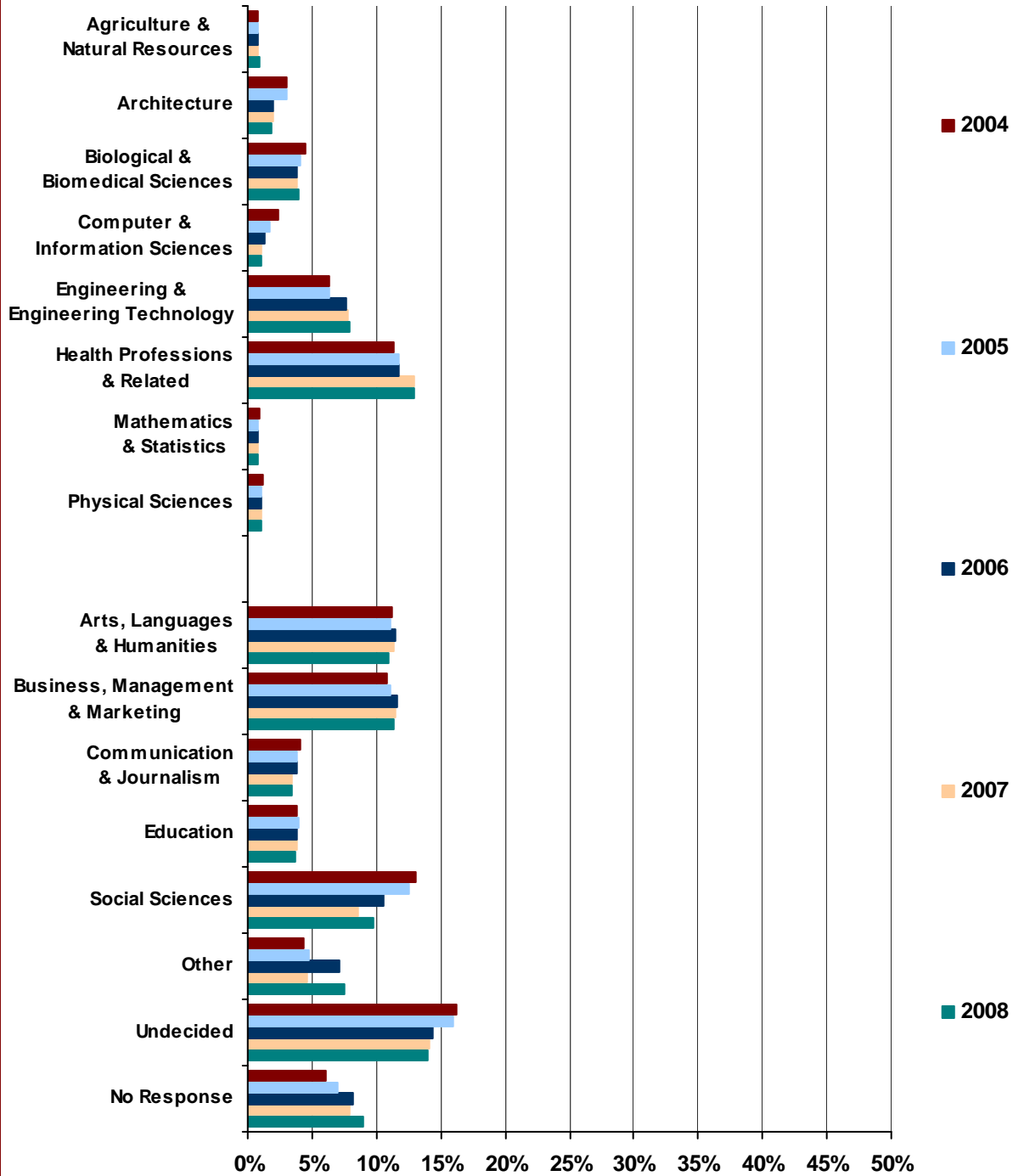
Table II - 221: Interest in Physical Sciences College Majors Among Junior PSAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 14)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	1.1%	1.2%	1.3%	1.3%	1.5%	1.7%	1.2%	1.1%	1.2%	1.4%	1.3%
2005	1.1%	1.2%	1.2%	1.1%	1.3%	1.5%	1.1%	1.0%	1.2%	1.3%	1.3%
2006	1.1%	1.3%	1.2%	1.1%	1.5%	1.9%	1.2%	1.2%	1.2%	1.4%	1.4%
2007	1.1%	1.2%	1.2%	1.1%	1.3%	1.5%	1.2%	1.0%	1.3%	1.3%	1.2%
2008	1.0%	1.1%	1.1%	1.1%	1.2%	1.4%	1.0%	0.9%	1.2%	1.3%	1.1%

Data Source: College Board.



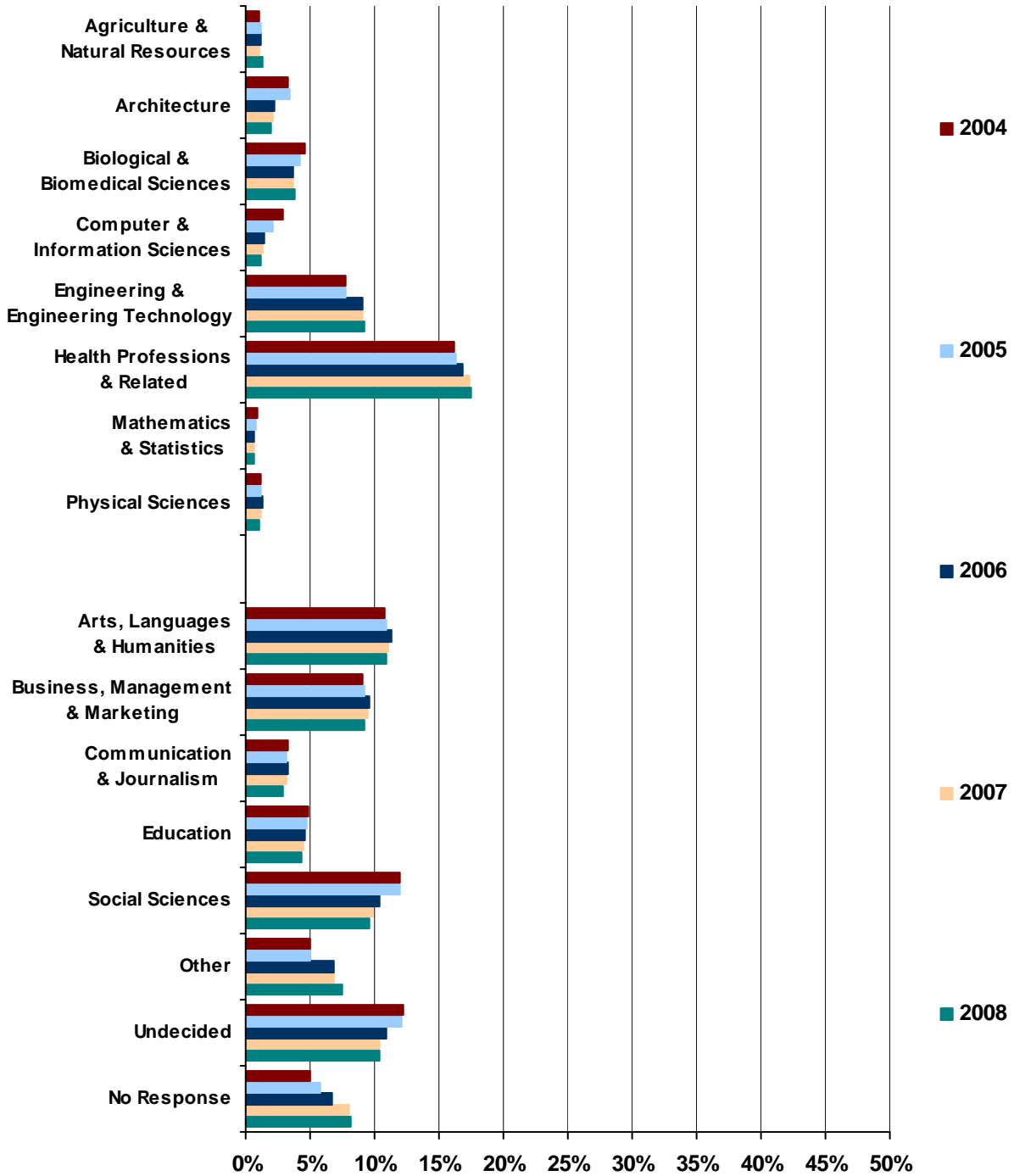
Chart II - 93: Interest in STEM College Majors Among All Junior PSAT Test-Takers – Massachusetts Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.



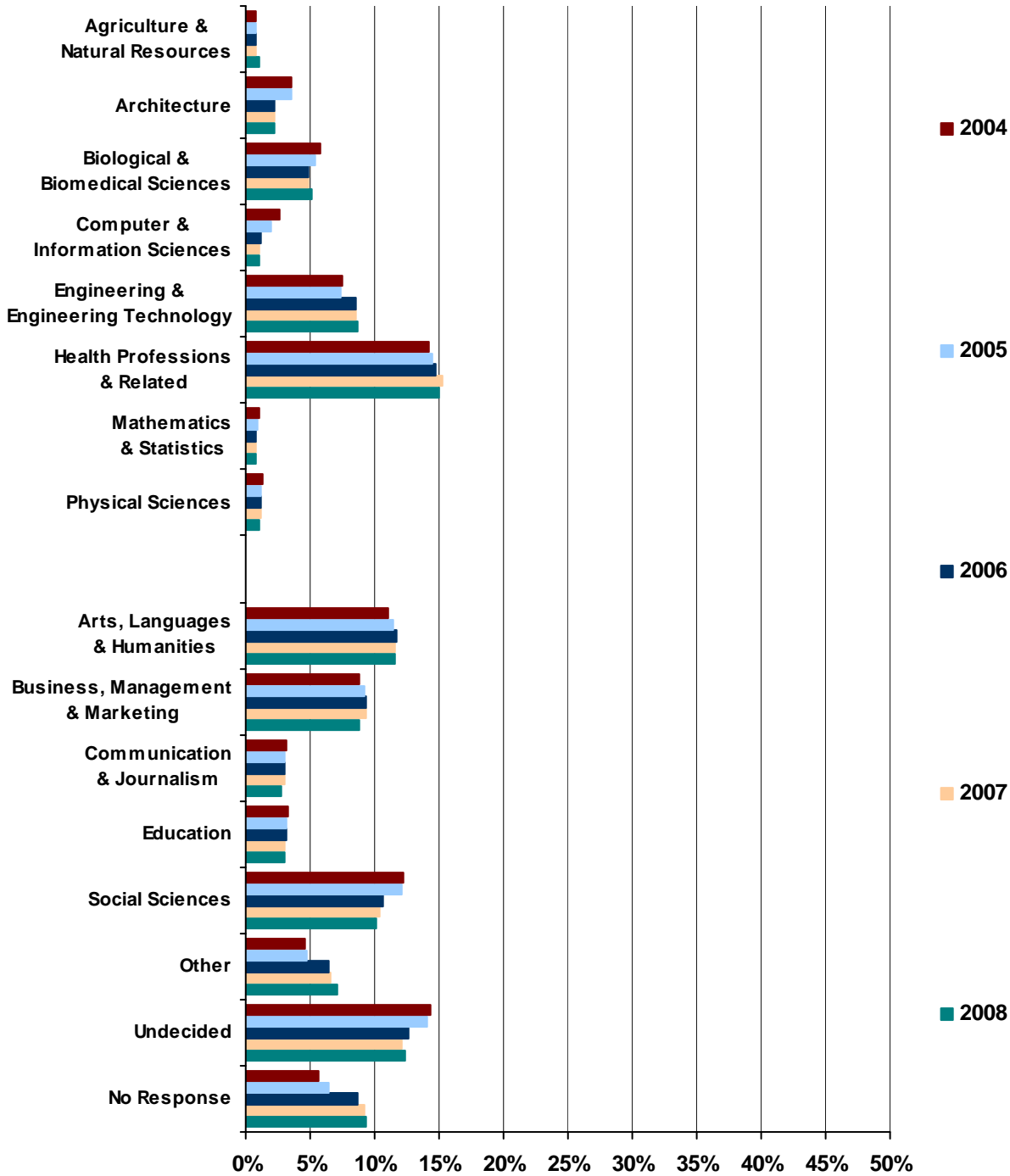
Chart II - 94: Interest in STEM College Majors Among All Junior PSAT Test-Takers – United States Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.



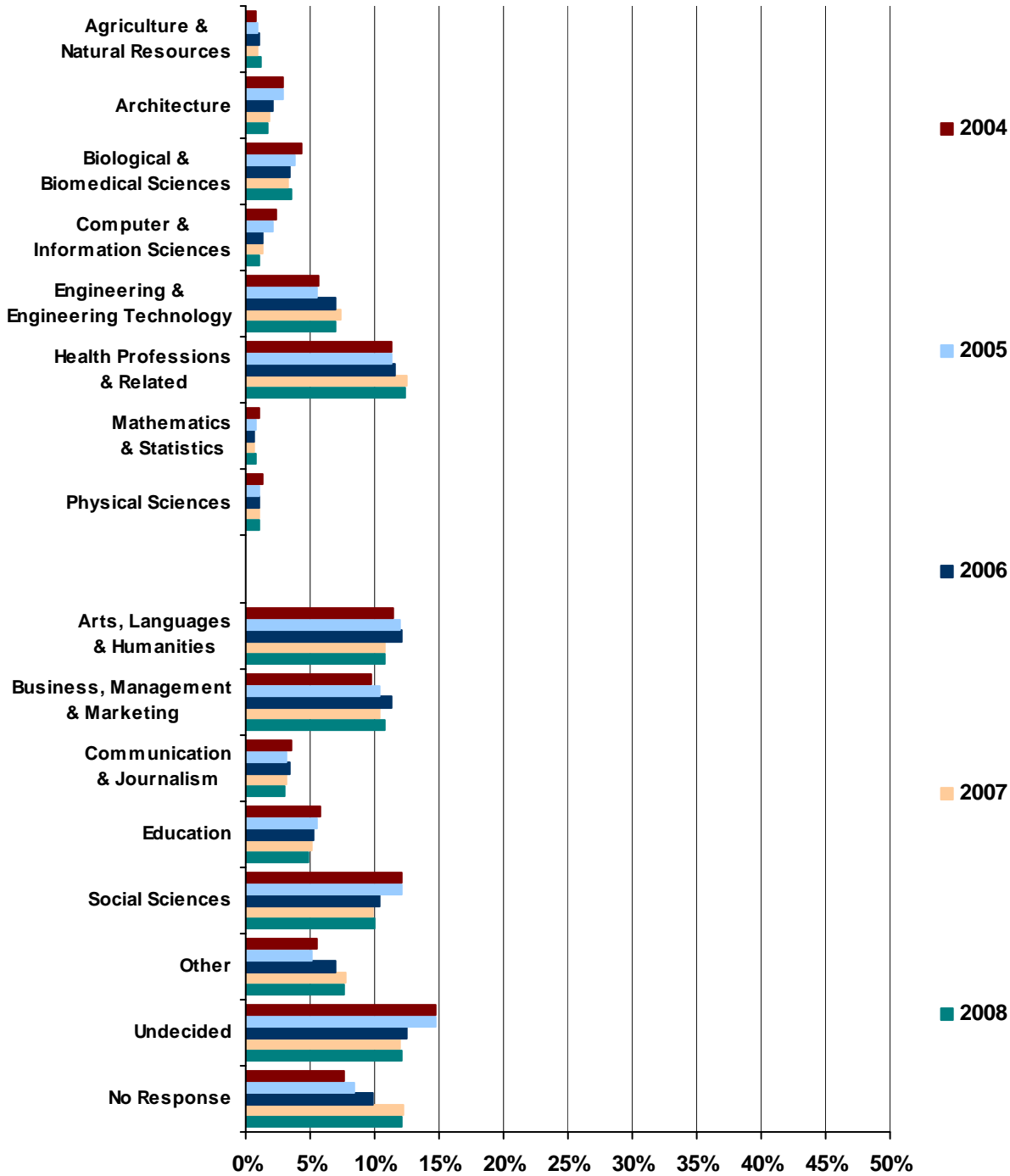
Chart II - 95: Interest in STEM College Majors Among All Junior PSAT Test-Takers – California Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.



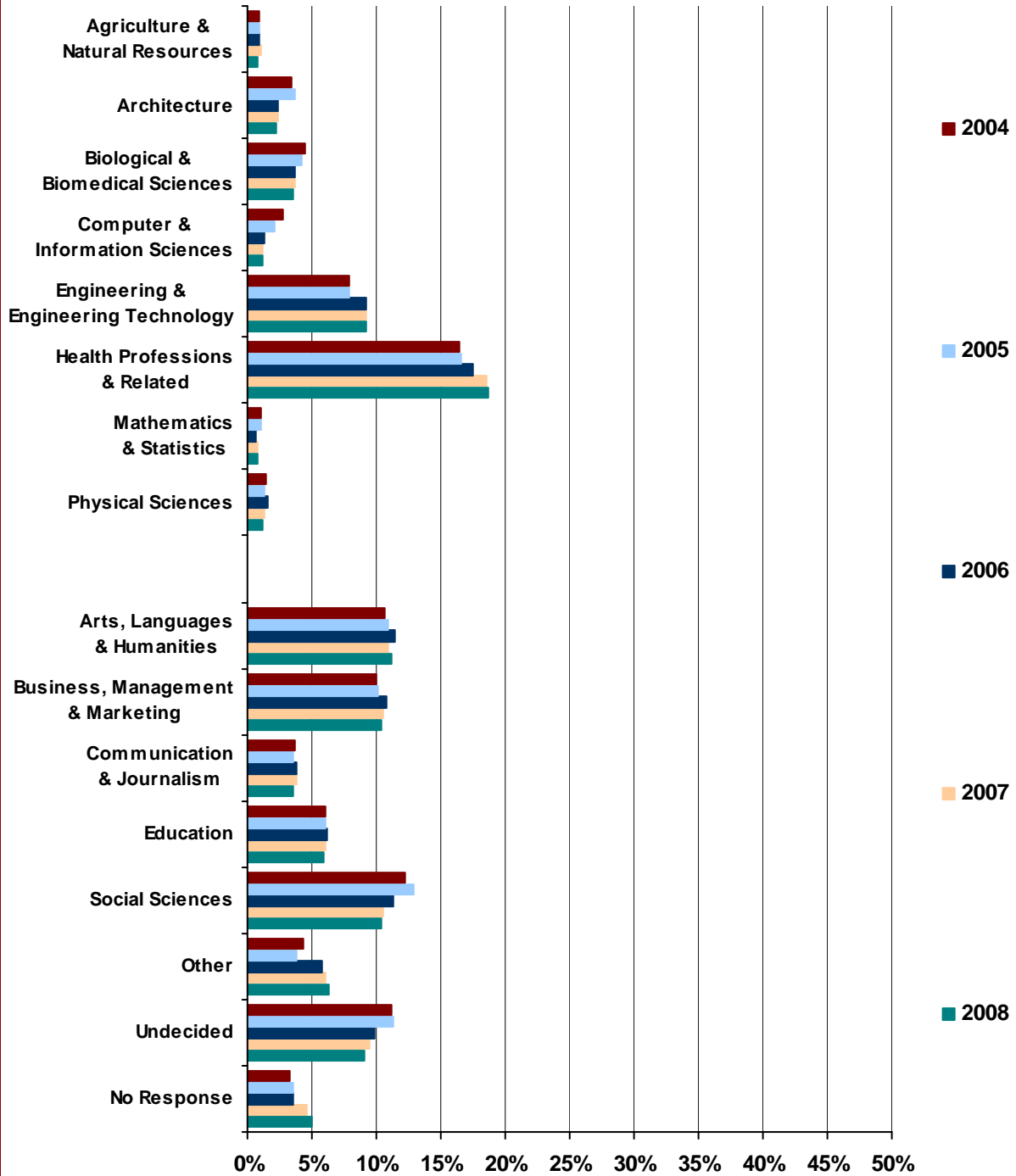
Chart II - 96: Interest in STEM College Majors Among All Junior PSAT Test-Takers – Connecticut Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.

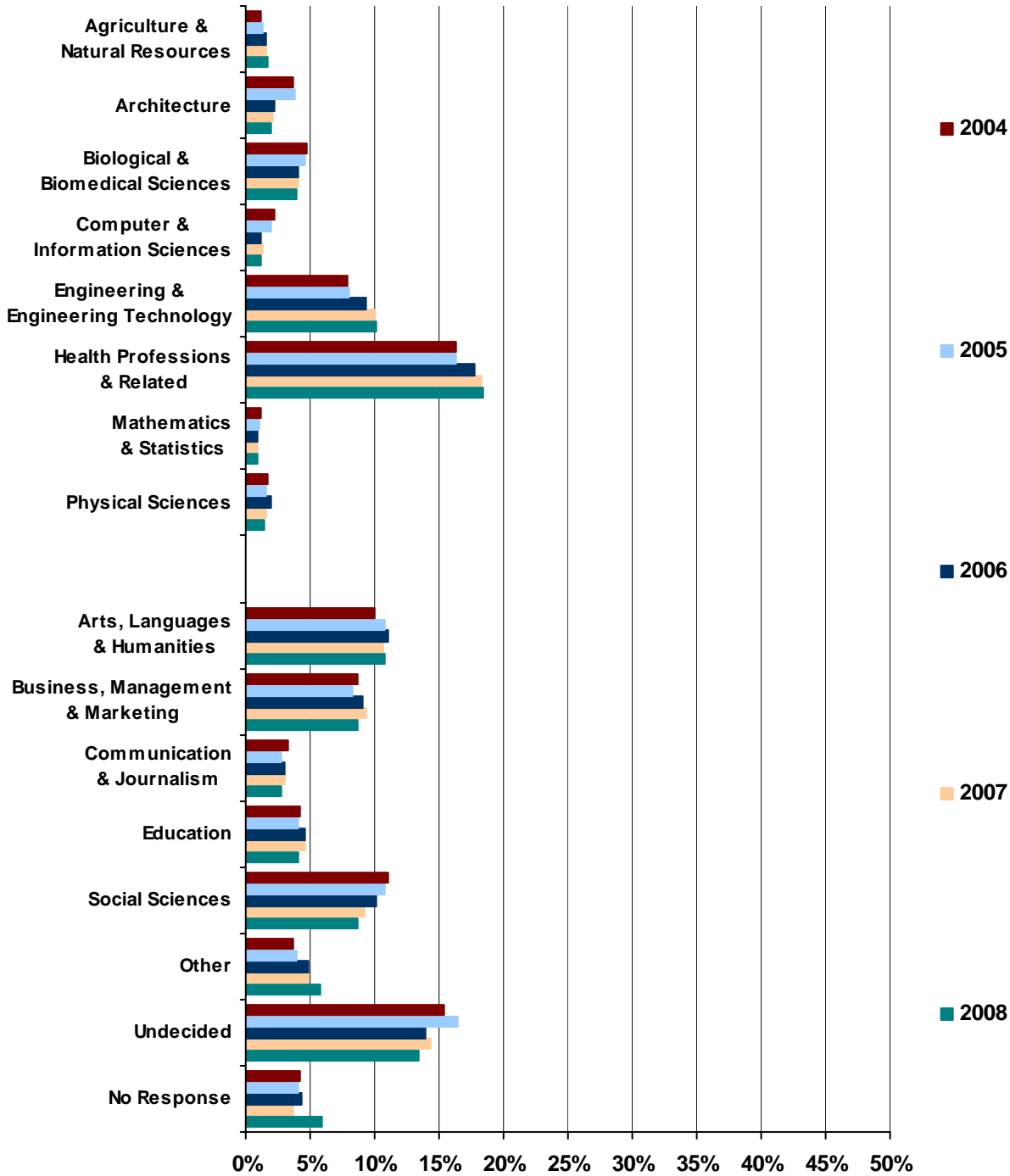


Chart II - 97: Interest in STEM College Majors Among All Junior PSAT Test-Takers – Illinois Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.

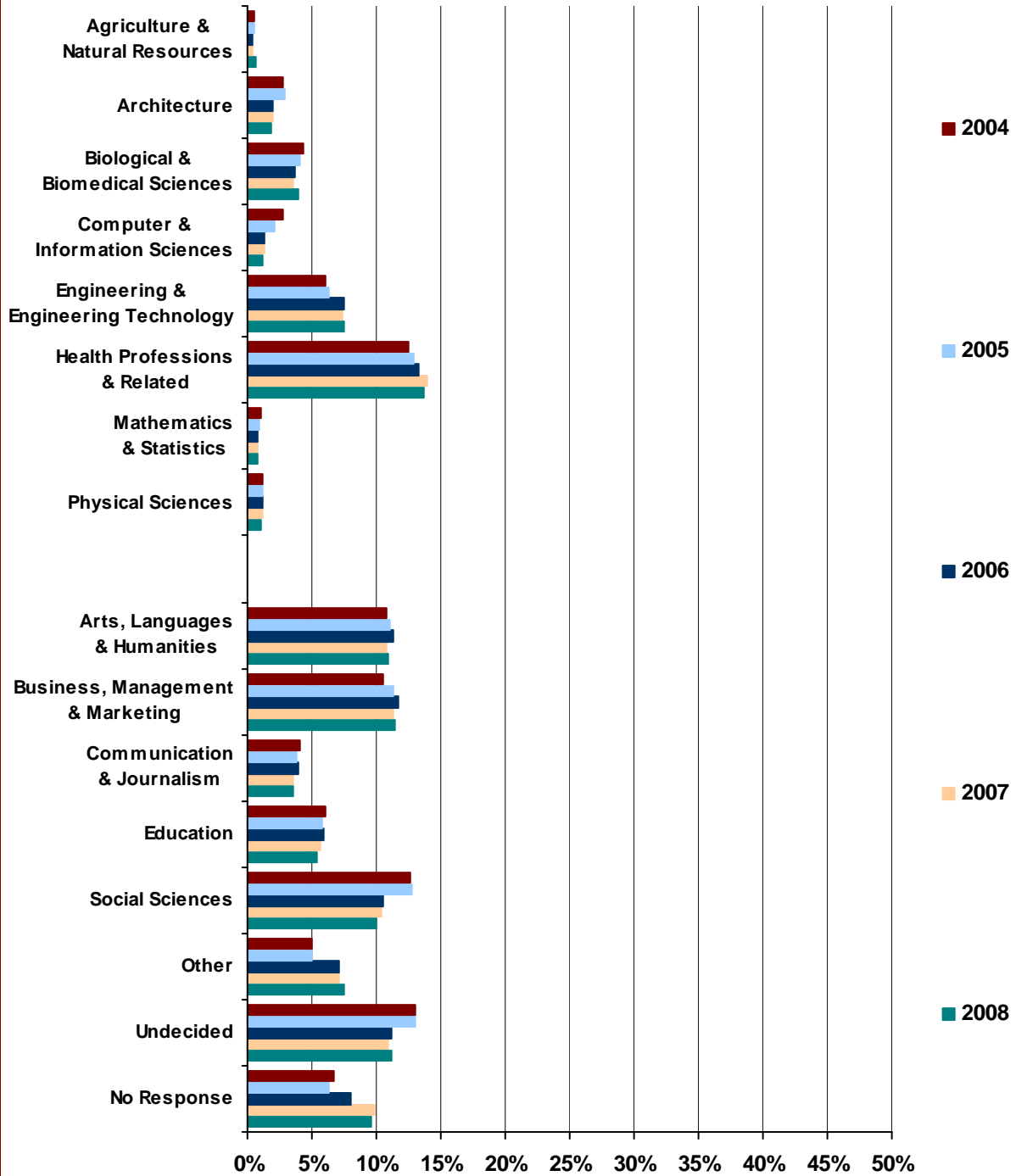
Chart II - 98: Interest in STEM College Majors Among All Junior PSAT Test-Takers – Minnesota Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.

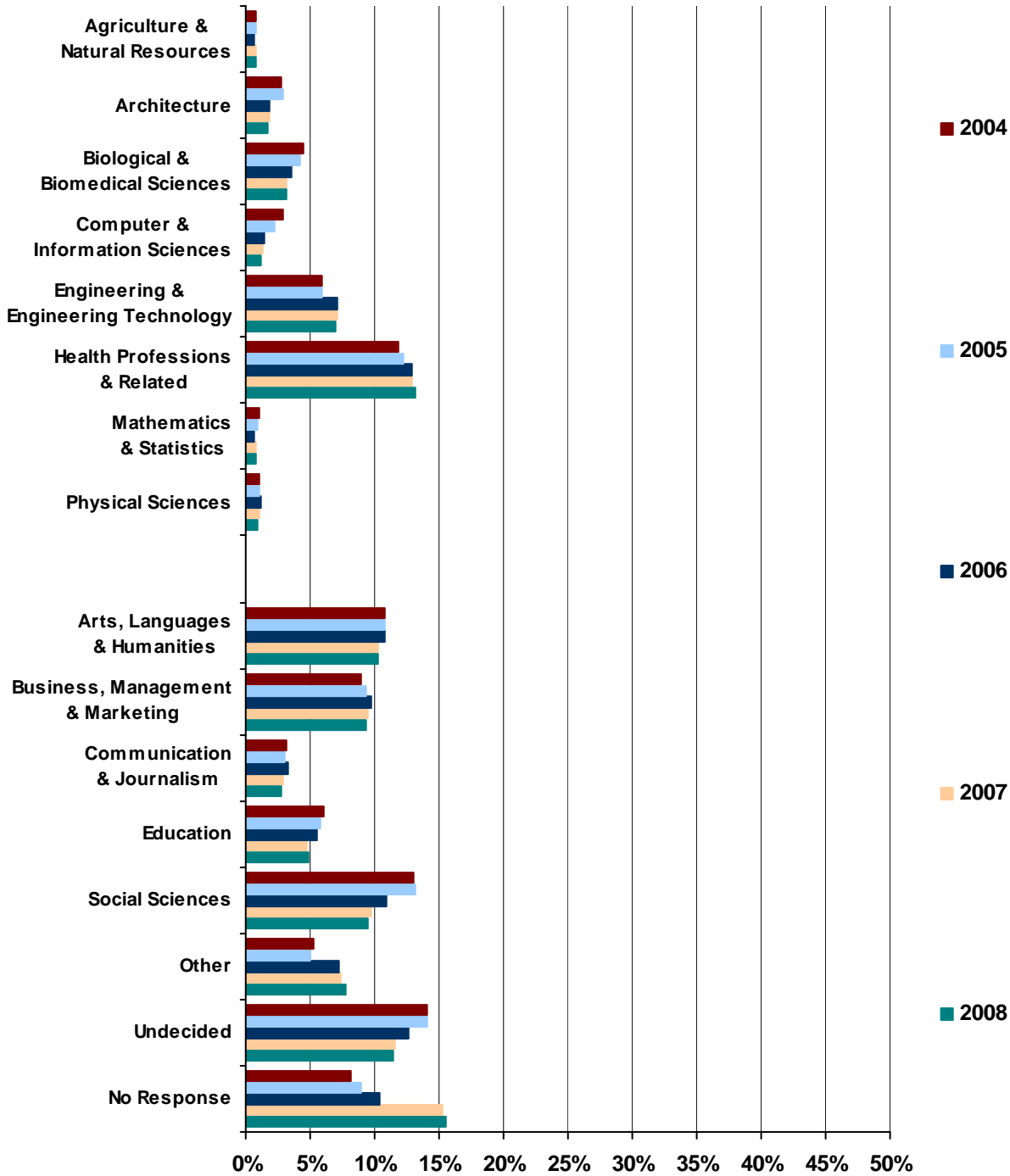


Chart II - 99: Interest in STEM College Majors Among All Junior PSAT Test-Takers – New Jersey Test-Takers (MASSIP 2009 Indicator 14)



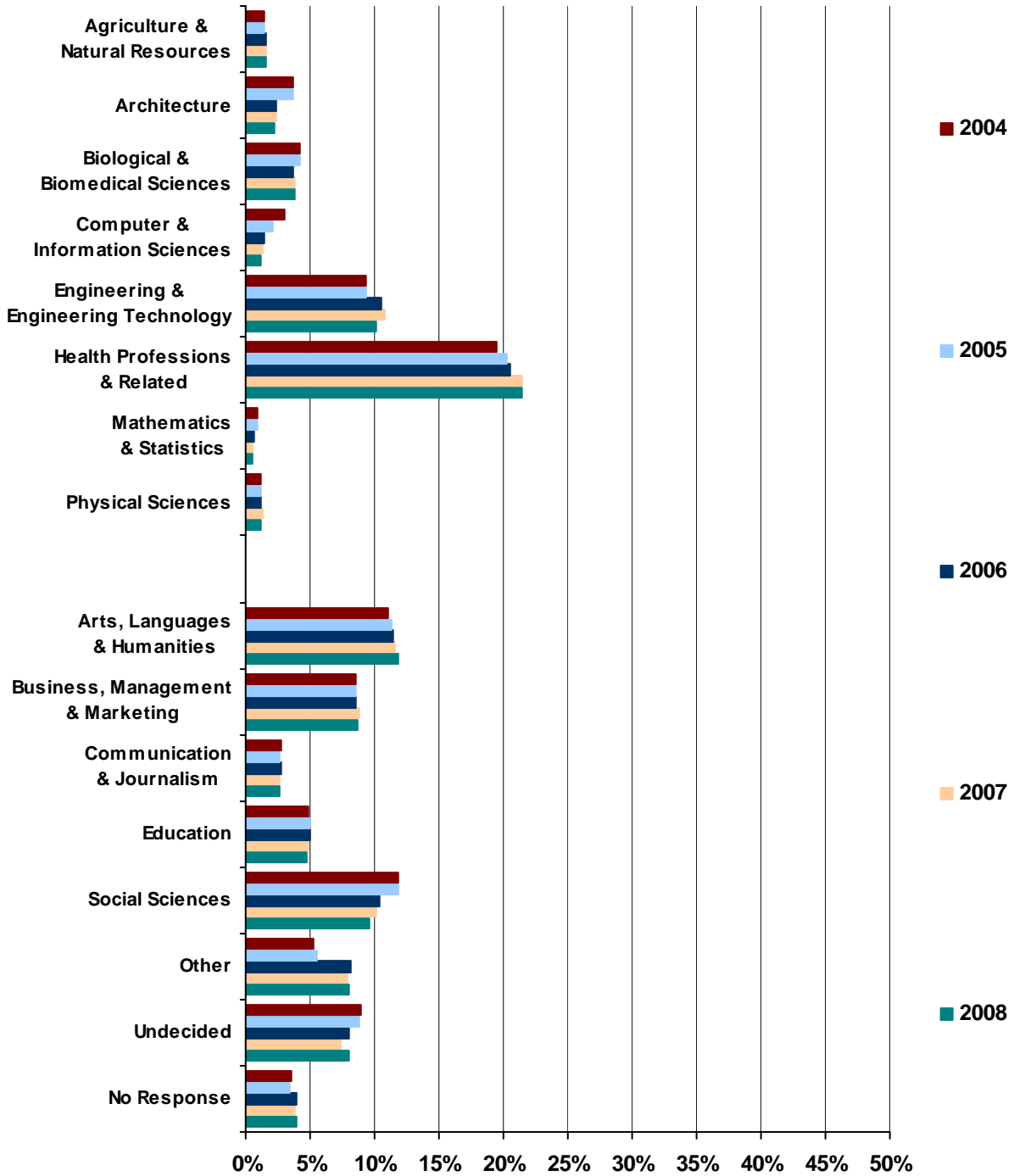
Data Source: College Board.

Chart II - 100: Interest in STEM College Majors Among All Junior PSAT Test-Takers – New York Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.

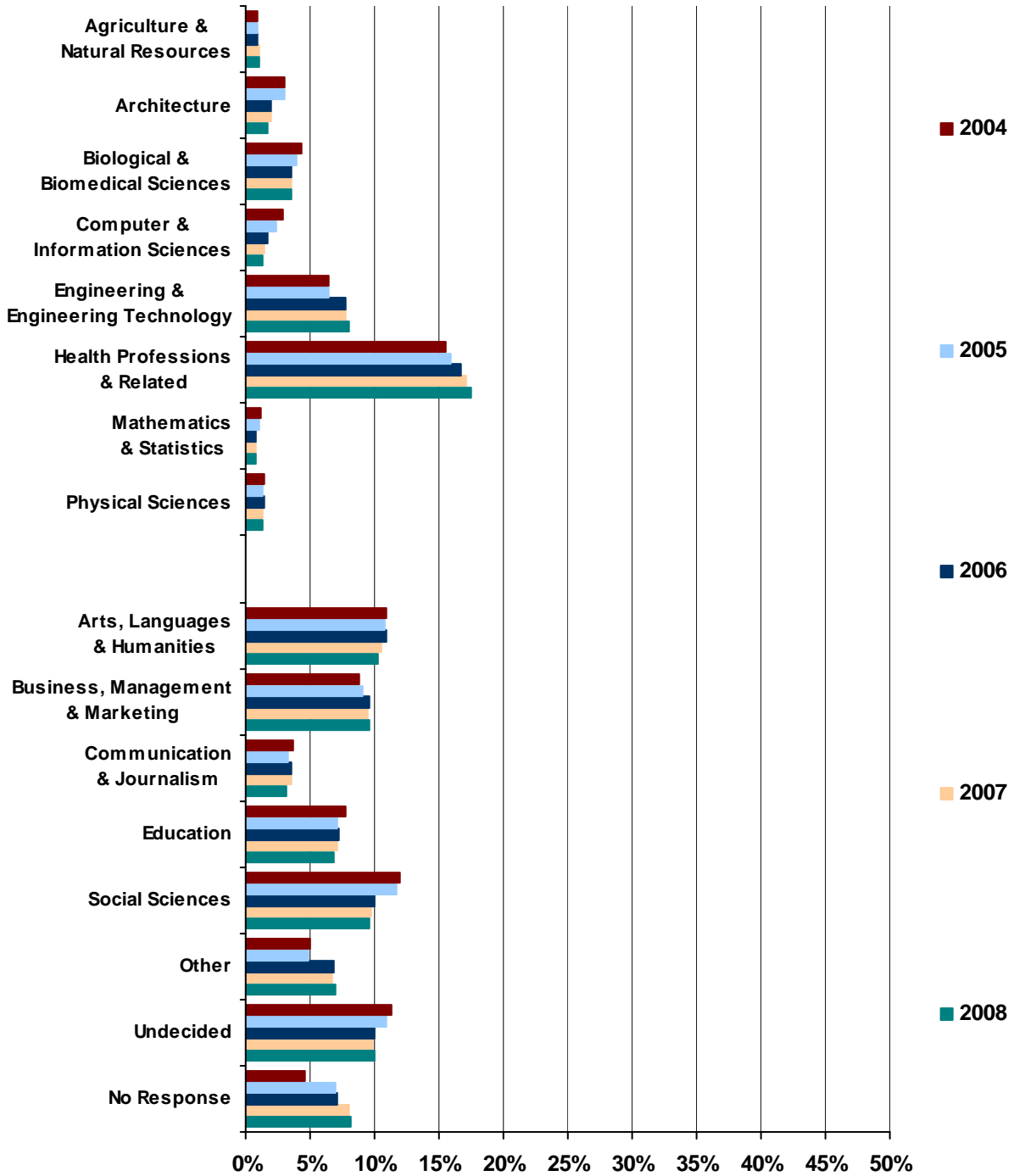
Chart II - 101: Interest in STEM College Majors Among All Junior PSAT Test-Takers – North Carolina Test-Takers (MASSIP 2009 Indicator 14)



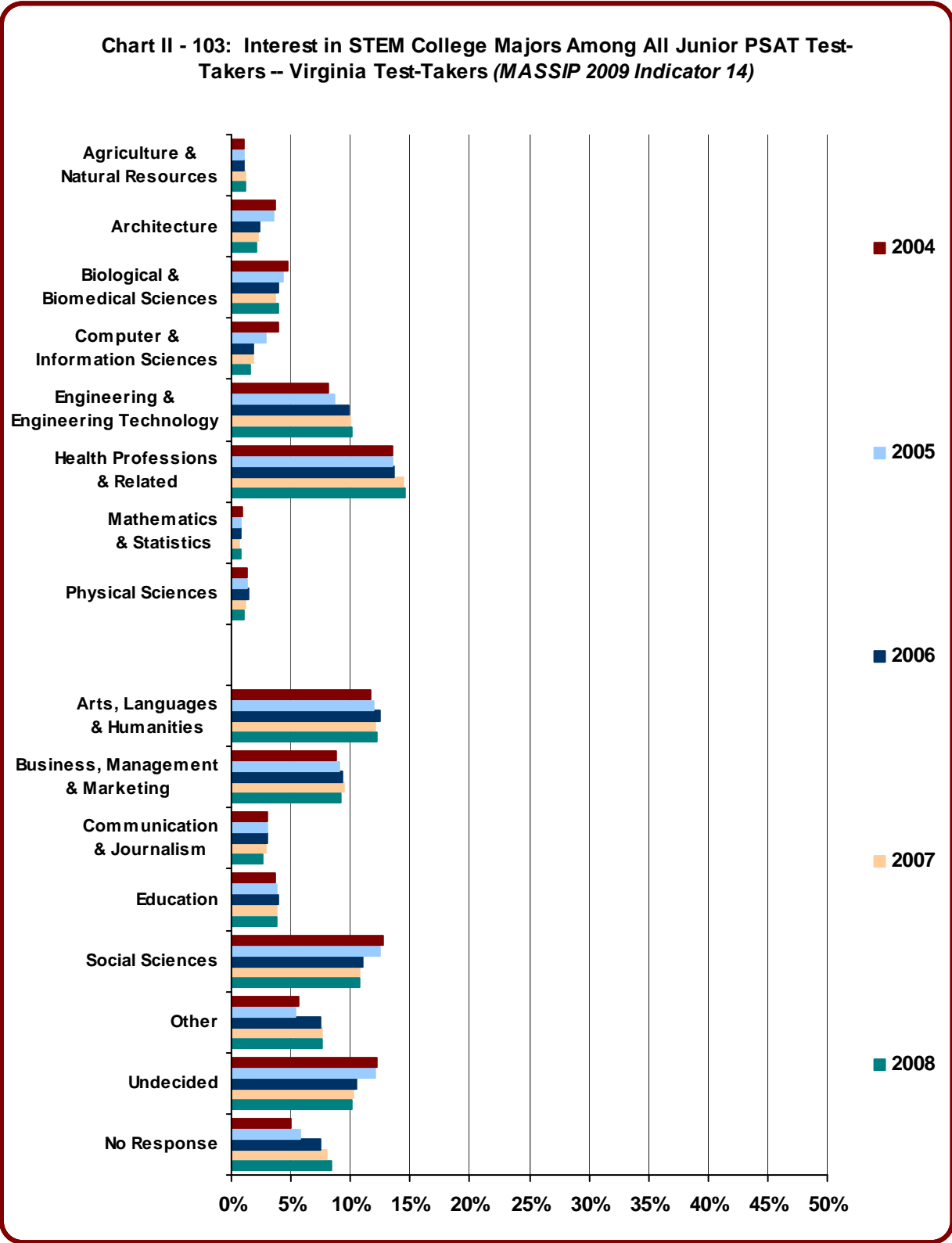
Data Source: College Board.



Chart II - 102: Interest in STEM College Majors Among All Junior PSAT Test-Takers -- Pennsylvania Test-Takers (MASSIP 2009 Indicator 14)



Data Source: College Board.



Data Source: College Board.



Summary

It should be noted that the percentage of students who take the PSAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the preliminary tests leading up to the ACT are dominant in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that PSAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, or who plan to apply for National Merit Scholarships. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the PSAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of PSAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, 30.5% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in a STEM field in college. This was lower than the national average (36.7%) and lower than five of the comparison states included in the analysis (North Carolina had the highest rate of STEM interest at 42.1%).

In 2008, 0.9% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in agriculture and natural resources. This was lower than the national average (1.3%) and lower than five of the comparison states included in the analysis (North Carolina had the highest rate of interest in agriculture and natural resources at 1.6%). 1.8% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in architecture. This was lower than the national average (2.0%) and lower than four of the comparison states included in the analysis (North Carolina and California had the highest rate of interest in architecture at 2.2%). 4.0% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in biological and biomedical sciences. This was higher than the national average (3.8%) and higher than six of the comparison states included in the analysis (California had the highest rate of interest in biological and biomedical sciences at 5.2%). 1.1% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in computer and information sciences. This was lower than the national average (1.2%) and lower than five of the comparison states included in the analysis (Virginia had the highest rate of interest in computer and information sciences at 1.6%). 7.9% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in engineering and engineering technology. This was lower than the national average (9.2%) and lower than four of the comparison states included in the analysis (North Carolina had the highest rate of interest in engineering and engineering technology at 10.2%). 12.9% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in health professions. This was lower than the national average (17.5%) and lower than six of the comparison states included in the analysis (North Carolina had the highest rate of interest in health professions at 21.4%). 0.8% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in mathematics and statistics. This was higher than the national average (0.6%) and tied for highest among the comparison states included in the analysis. 1.0% of all Massachusetts junior PSAT test-takers responded they were interested in majoring in physical sciences. This was higher than the national average (1.1%) but lower than five of the comparison states included in the analysis (Pennsylvania had the highest rate of interest in physical sciences at 1.3%).

Technical Notes

The PSAT/NMSQT (Preliminary SAT/National Merit Scholarship Qualifying Test) is jointly sponsored by the College Board and the National Merit Scholarship Corporation and may be taken by students during their sophomore or junior year of high school. In addition to helping students prepare for the SAT, participation in the PSAT enables students to access the National Merit Scholarship Corporation's scholarships. The PSAT is a national, standardized test that measures students' skills in critical reading, mathematics, and writing. It is a preliminary test taken by students planning to enter college.



The PSAT has an associated survey where students give information about, grades, plans for college, and other data. Percentages reported in Indicator 13 are based on the total number of PSAT test-takers and not the number of respondents to the survey question about college major preference.

The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 “College Bound Sophomores and Juniors” reports (the most recent ones at the time this report was written) is <http://professionals.collegeboard.com/data-reports-research/psat/cb-jr-soph>.



Indicator 15: Percentage of SAT test-takers interested in majoring in a STEM area in college

Table II - 222: Number of SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	56,487	1,419,007	177,400	33,221	13,937	6,549	77,448	147,063	50,042	101,778	53,726
2005	59,104	1,475,623	186,552	34,313	12,970	6,470	81,479	154,897	53,314	104,155	56,544
2006	59,529	1,465,744	191,740	34,522	12,694	6,106	82,990	153,518	52,690	103,445	56,336
2007	60,962	1,494,531	195,406	35,575	11,030	5,468	85,511	157,591	55,114	105,911	58,921
2008	61,295	1,518,859	205,145	36,085	10,288	5,080	85,382	160,875	56,442	106,093	59,573
# Change 04 - 08	4,808	99,852	27,745	2,864	-3,649	-1,469	7,934	13,812	6,400	4,315	5,847
% Change 04 - 08	8.5%	7.0%	15.6%	8.6%	-26.2%	-22.4%	10.2%	9.4%	12.8%	4.2%	10.9%

Data Source: College Board.

Table II - 223: Number of SAT Test-Takers Who Reported Interest in a STEM College Major – All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	11,923	395,690	47,341	6,907	4,239	1,910	17,307	33,697	17,304	28,175	14,840
2005	12,810	428,562	53,432	7,247	4,176	1,984	18,922	35,758	19,050	29,513	16,264
2006	13,243	426,341	55,170	7,438	3,995	1,804	19,692	36,270	19,203	28,630	16,050
2007	13,594	426,307	55,134	7,662	3,418	1,607	19,972	36,484	19,239	29,533	16,834
2008	13,767	435,249	57,486	8,018	3,265	1,621	20,269	35,958	19,025	30,360	17,435
# Change 04 - 08	1,844	39,559	10,145	1,111	-974	-289	2,962	2,261	1,721	2,185	2,595
% Change 04 - 08	15.5%	10.0%	21.4%	16.1%	-23.0%	-15.1%	17.1%	6.7%	9.9%	7.8%	17.5%

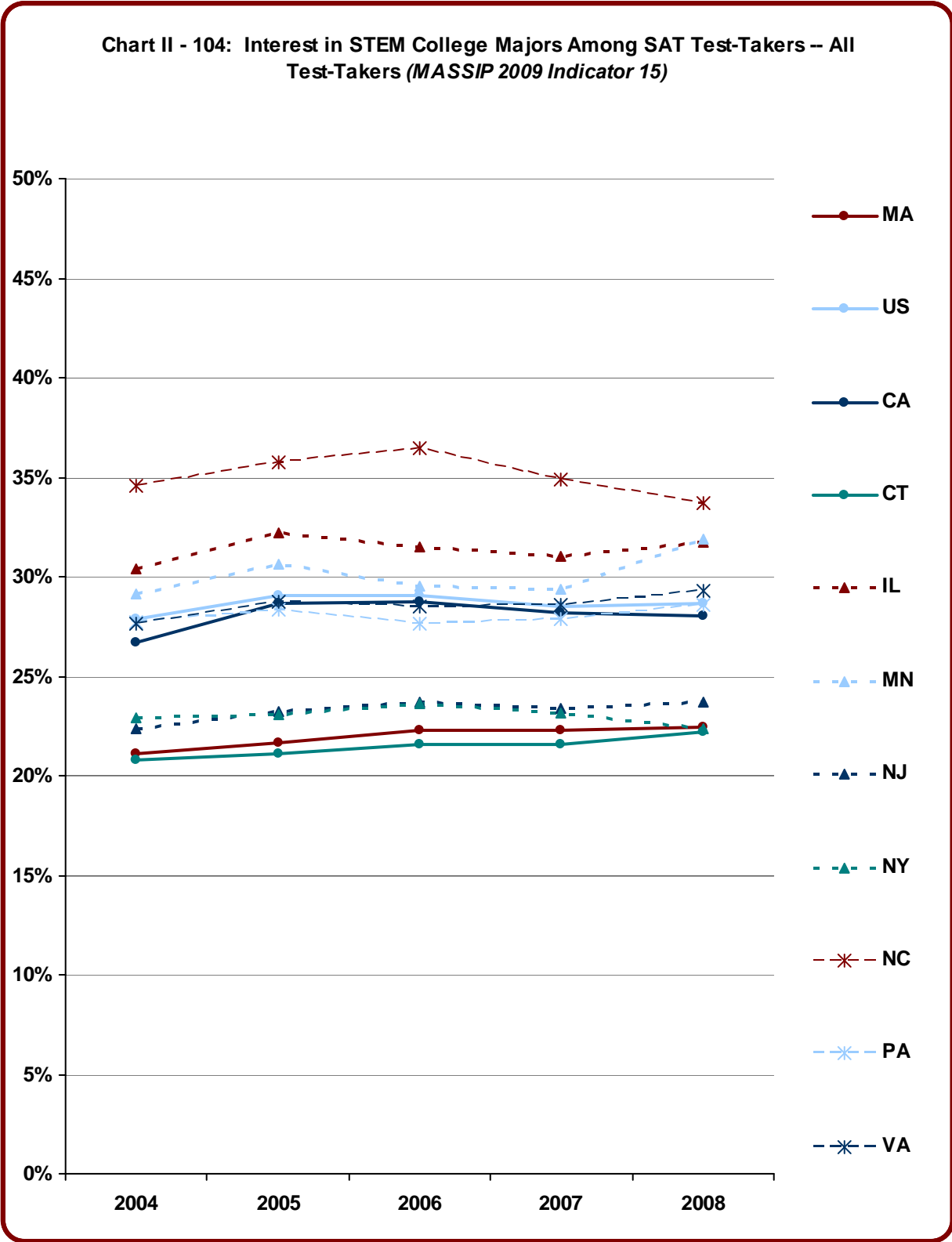
Data Source: College Board.

Table II - 224: Interest in STEM College Majors Among SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	21.1%	27.9%	26.7%	20.8%	30.4%	29.2%	22.3%	22.9%	34.6%	27.7%	27.6%
2005	21.7%	29.0%	28.6%	21.1%	32.2%	30.7%	23.2%	23.1%	35.7%	28.3%	28.8%
2006	22.2%	29.1%	28.8%	21.5%	31.5%	29.5%	23.7%	23.6%	36.4%	27.7%	28.5%
2007	22.3%	28.5%	28.2%	21.5%	31.0%	29.4%	23.4%	23.2%	34.9%	27.9%	28.6%
2008	22.5%	28.7%	28.0%	22.2%	31.7%	31.9%	23.7%	22.4%	33.7%	28.6%	29.3%

Data Source: College Board.





Data Source: College Board.



Table II - 225: Interest in Agriculture & Natural Resources College Majors Among SAT Test-Takers – All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	0.5%	0.7%	0.5%	0.6%	0.3%	0.3%	0.3%	0.5%	1.1%	0.8%	0.8%
2005	0.5%	0.7%	0.6%	0.6%	0.3%	0.5%	0.3%	0.5%	1.1%	0.8%	0.8%
2006	0.5%	0.7%	0.5%	0.7%	0.3%	0.5%	0.3%	0.5%	1.1%	0.8%	0.7%
2007	0.5%	0.6%	0.5%	0.6%	0.2%	0.5%	0.3%	0.5%	0.9%	0.7%	0.7%
2008	0.7%	0.8%	0.7%	0.8%	0.3%	0.7%	0.4%	0.6%	1.1%	0.9%	0.9%

Data Source: College Board.

Table II - 226: Interest in Architecture College Majors Among SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	1.0%	1.3%	1.3%	0.9%	1.4%	1.2%	1.0%	1.1%	1.8%	1.2%	1.3%
2005	1.6%	2.0%	2.2%	1.5%	2.0%	2.1%	1.7%	1.5%	2.2%	1.9%	2.1%
2006	1.7%	2.2%	2.6%	1.6%	2.2%	2.2%	1.9%	1.7%	2.4%	2.0%	2.3%
2007	1.5%	1.7%	2.0%	1.3%	1.6%	1.3%	1.4%	1.4%	1.9%	1.4%	1.7%
2008	1.3%	1.6%	1.9%	1.4%	1.6%	1.5%	1.4%	1.3%	1.7%	1.5%	1.7%

Data Source: College Board.

Table II - 227: Interest in Biological & Biomedical Sciences College Majors Among SAT Test-Takers – All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	3.3%	3.7%	4.5%	3.1%	5.0%	5.1%	3.1%	3.1%	3.3%	3.4%	3.9%
2005	3.3%	4.0%	5.0%	3.2%	5.9%	5.3%	3.5%	3.3%	3.7%	3.5%	3.8%
2006	3.5%	4.2%	5.4%	3.2%	5.6%	5.6%	3.7%	3.6%	4.1%	3.6%	4.1%
2007	3.1%	3.8%	4.8%	3.1%	5.3%	5.5%	3.3%	3.3%	3.8%	3.3%	3.9%
2008	3.0%	3.8%	5.0%	2.9%	4.9%	5.5%	3.3%	3.1%	3.7%	3.3%	3.7%

Data Source: College Board.

Table II - 228: Interest in Computer & Information Sciences College Majors Among SAT Test-Takers – All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	2.7%	3.2%	3.1%	2.7%	2.3%	2.2%	3.2%	3.3%	3.7%	3.3%	4.1%
2005	2.3%	2.9%	2.8%	2.1%	2.0%	2.1%	2.6%	2.8%	3.6%	3.0%	3.9%
2006	2.0%	2.6%	2.4%	2.2%	1.9%	2.2%	2.4%	2.5%	3.0%	2.6%	3.5%
2007	1.8%	2.3%	2.1%	1.9%	1.5%	1.6%	2.0%	2.2%	2.6%	2.4%	3.1%
2008	1.6%	2.0%	1.8%	1.6%	1.5%	1.7%	1.9%	1.9%	2.3%	2.1%	3.0%

Data Source: College Board.



Table II - 229: Interest in Engineering & Engineering Technology College Majors Among SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	4.4%	5.9%	5.6%	3.8%	7.9%	7.7%	4.4%	4.3%	6.6%	5.1%	5.9%
2005	4.2%	5.7%	5.4%	3.6%	7.8%	7.7%	4.1%	4.0%	6.3%	4.6%	5.7%
2006	4.4%	5.6%	5.2%	3.6%	7.6%	6.9%	4.1%	4.1%	6.2%	4.3%	5.7%
2007	4.8%	6.0%	5.5%	4.1%	8.3%	8.1%	4.6%	4.2%	6.4%	5.0%	6.2%
2008	4.9%	6.4%	6.1%	4.6%	7.7%	8.0%	4.7%	4.5%	6.8%	5.3%	6.8%

Data Source: College Board.

Table II - 230: Interest in Health Professions & Related College Majors Among SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	7.9%	11.3%	9.8%	8.0%	10.8%	9.1%	9.1%	9.0%	16.6%	12.2%	10.0%
2005	8.4%	12.0%	10.8%	8.4%	11.1%	9.0%	9.4%	9.5%	17.3%	12.6%	10.8%
2006	8.7%	12.2%	11.0%	8.7%	11.1%	8.7%	9.8%	9.7%	18.1%	12.6%	10.6%
2007	9.1%	12.5%	11.6%	9.2%	11.3%	9.0%	10.1%	10.1%	17.8%	13.3%	11.1%
2008	9.7%	12.9%	12.2%	9.8%	11.2%	8.5%	10.4%	10.0%	17.5%	13.9%	11.8%

Data Source: College Board.

Table II - 231: Interest in Mathematics & Statistics College Majors Among SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	0.5%	0.6%	0.8%	0.6%	1.0%	1.3%	0.6%	0.6%	0.5%	0.6%	0.6%
2005	0.5%	0.7%	0.8%	0.7%	1.2%	1.4%	0.6%	0.6%	0.5%	0.7%	0.6%
2006	0.6%	0.6%	0.8%	0.6%	1.0%	1.4%	0.6%	0.5%	0.6%	0.7%	0.6%
2007	0.6%	0.6%	0.8%	0.5%	0.9%	1.0%	0.7%	0.6%	0.5%	0.6%	0.6%
2008	0.7%	0.6%	0.8%	0.6%	1.0%	1.5%	0.7%	0.6%	0.5%	0.6%	0.6%

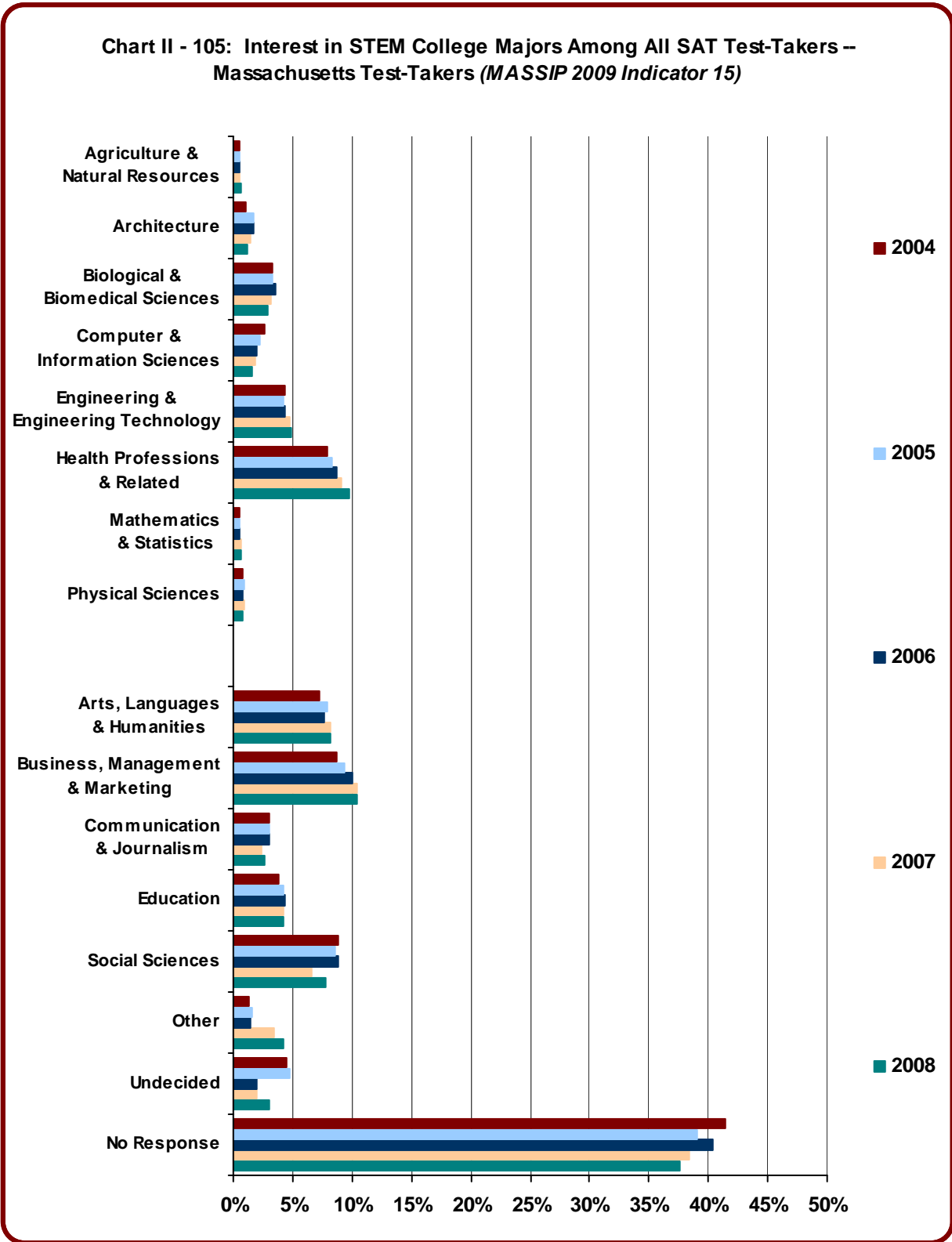
Data Source: College Board.

Table II - 232: Interest in Physical Sciences College Majors Among SAT Test-Takers - All Test-Takers (MASSIP 2009 Indicator 15)

	MA	US	CA	CT	IL	MN	NC	NJ	NY	PA	VA
2004	0.8%	1.0%	1.0%	0.9%	1.7%	2.1%	0.8%	0.9%	1.0%	1.1%	1.1%
2005	0.9%	1.1%	1.0%	1.0%	1.9%	2.6%	0.9%	0.9%	1.0%	1.2%	1.1%
2006	0.8%	1.1%	1.0%	1.0%	1.7%	2.1%	0.9%	0.9%	1.0%	1.1%	1.1%
2007	0.9%	1.1%	1.1%	0.9%	1.9%	2.3%	1.0%	1.0%	1.0%	1.2%	1.2%
2008	0.8%	1.0%	0.9%	0.8%	1.4%	2.3%	0.8%	0.8%	0.9%	1.1%	1.0%

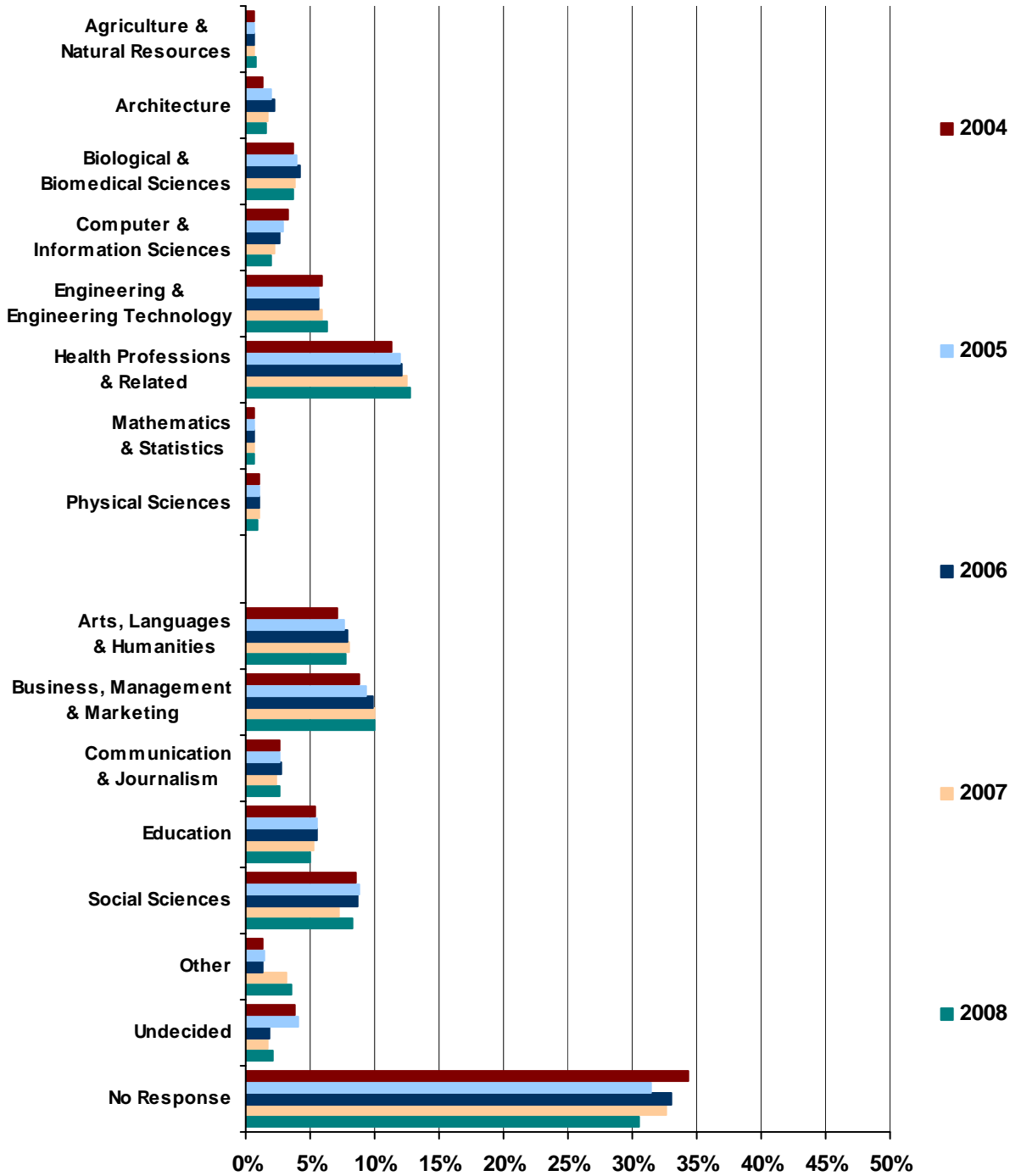
Data Source: College Board.





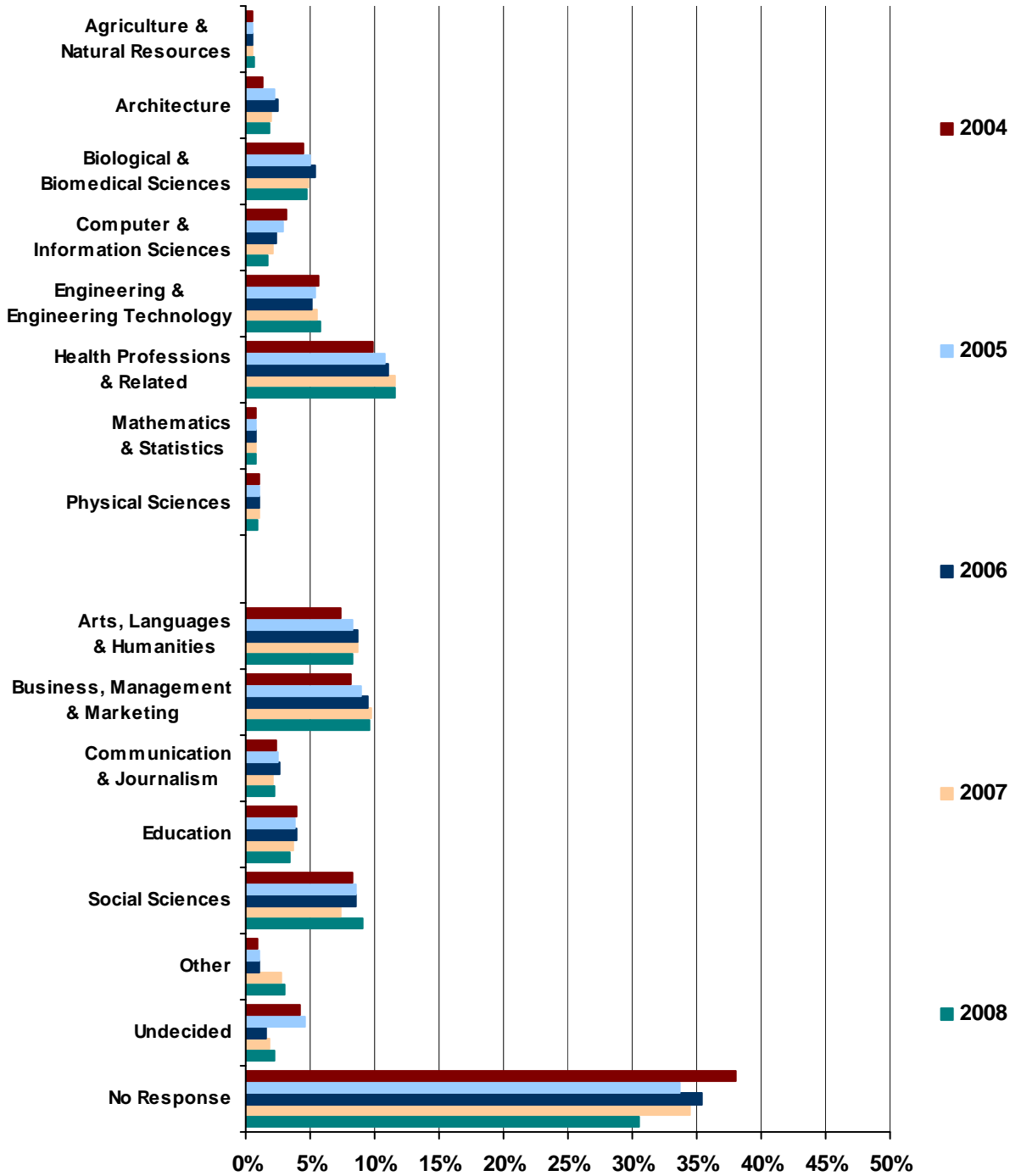
Data Source: College Board.

Chart II - 106: Interest in STEM College Majors Among All SAT Test-Takers -- United States Test-Takers (MASSIP 2009 Indicator 15)



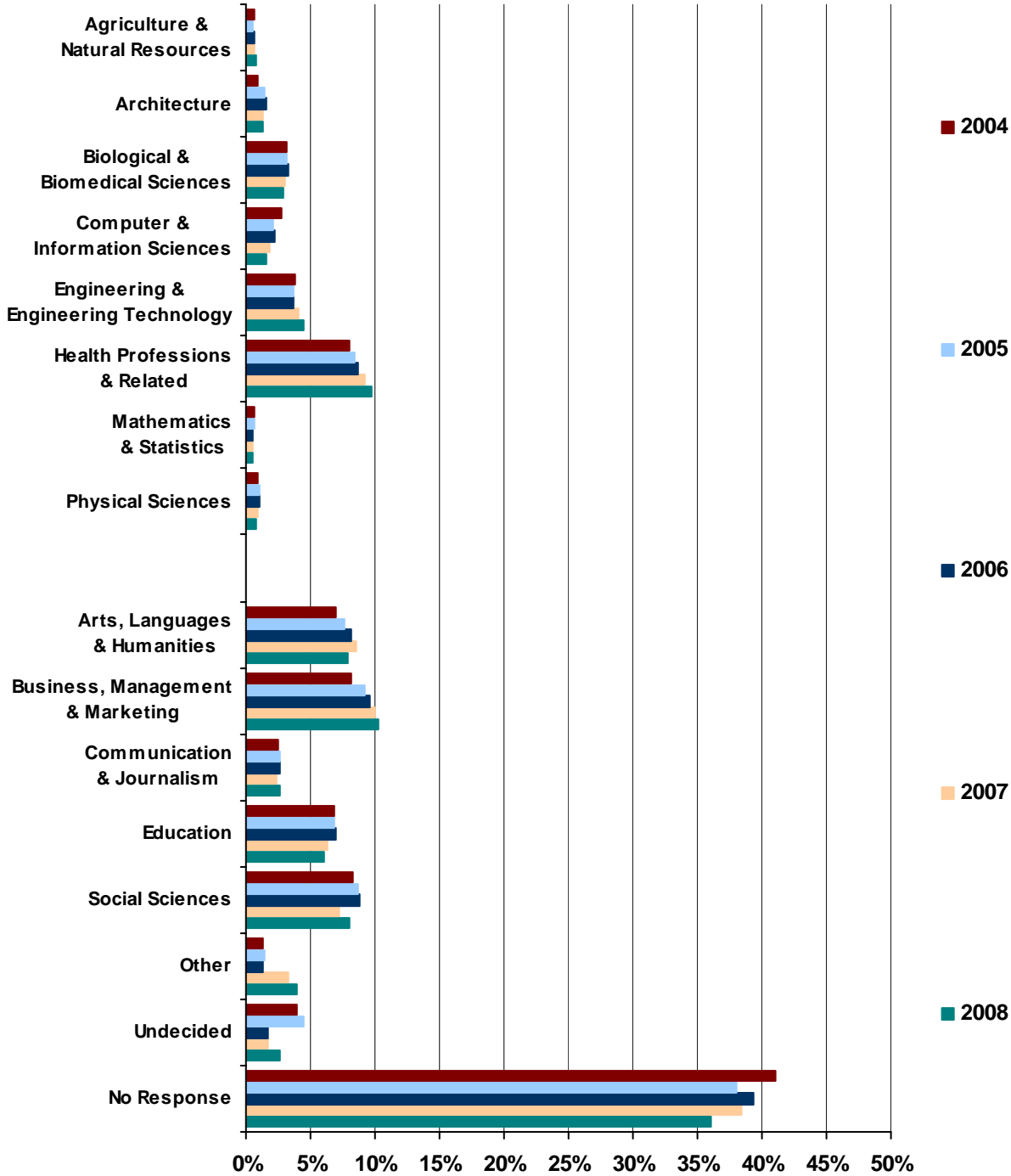
Data Source: College Board.

Chart II - 107: Interest in STEM College Majors Among All SAT Test-Takers -- California Test-Takers (MASSIP 2009 Indicator 15)



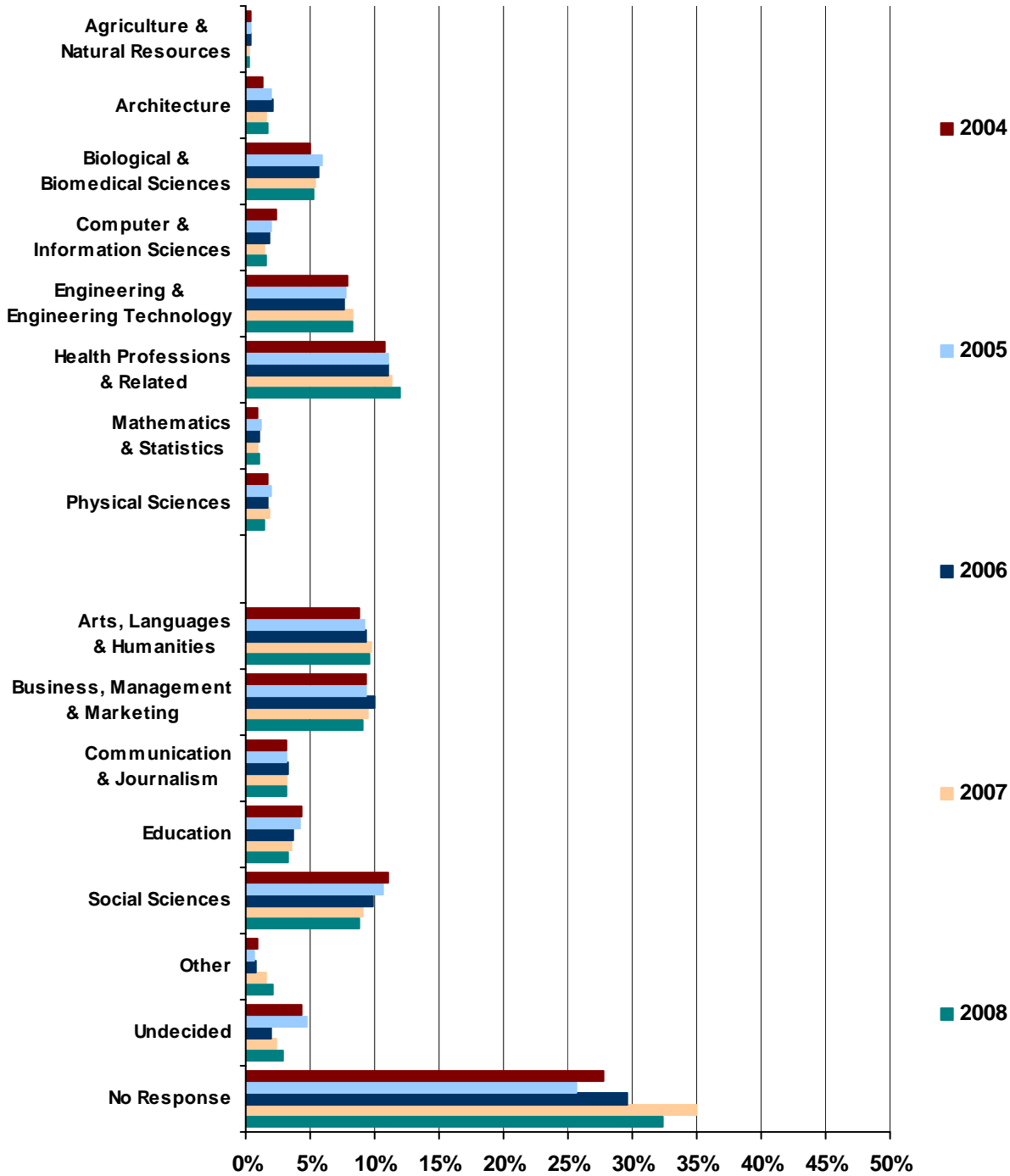
Data Source: College Board.

Chart II - 108: Interest in STEM College Majors Among All SAT Test-Takers – Connecticut Test-Takers (MASSIP 2009 Indicator 15)



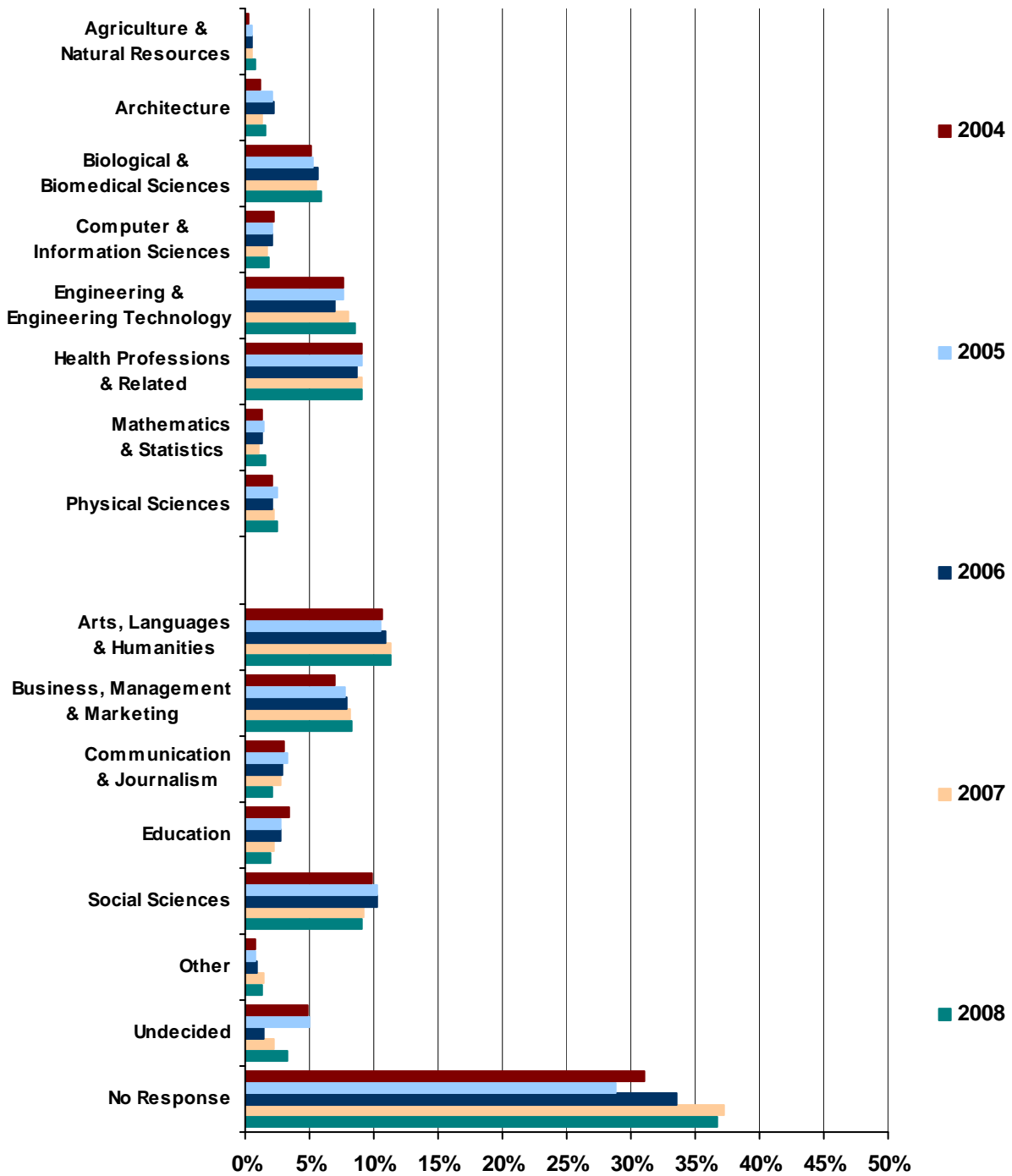
Data Source: College Board.

Chart II - 109: Interest in STEM College Majors Among All SAT Test-Takers – Illinois Test-Takers (MASSIP 2009 Indicator 15)



Data Source: College Board.

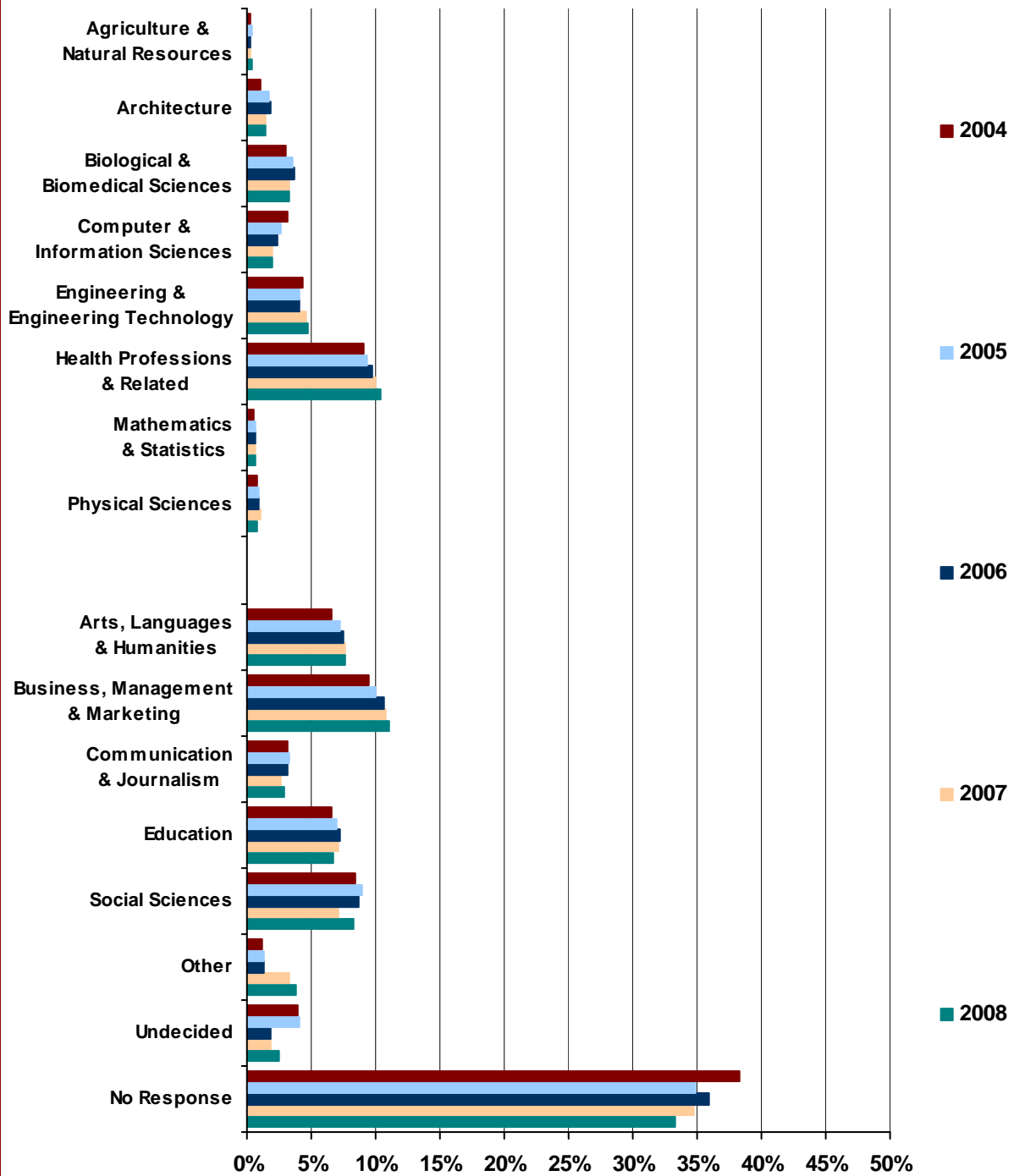
Chart II - 110: Interest in STEM College Majors Among All SAT Test-Takers -- Minnesota Test-Takers (MASSIP 2009 Indicator 15)



Data Source: College Board.

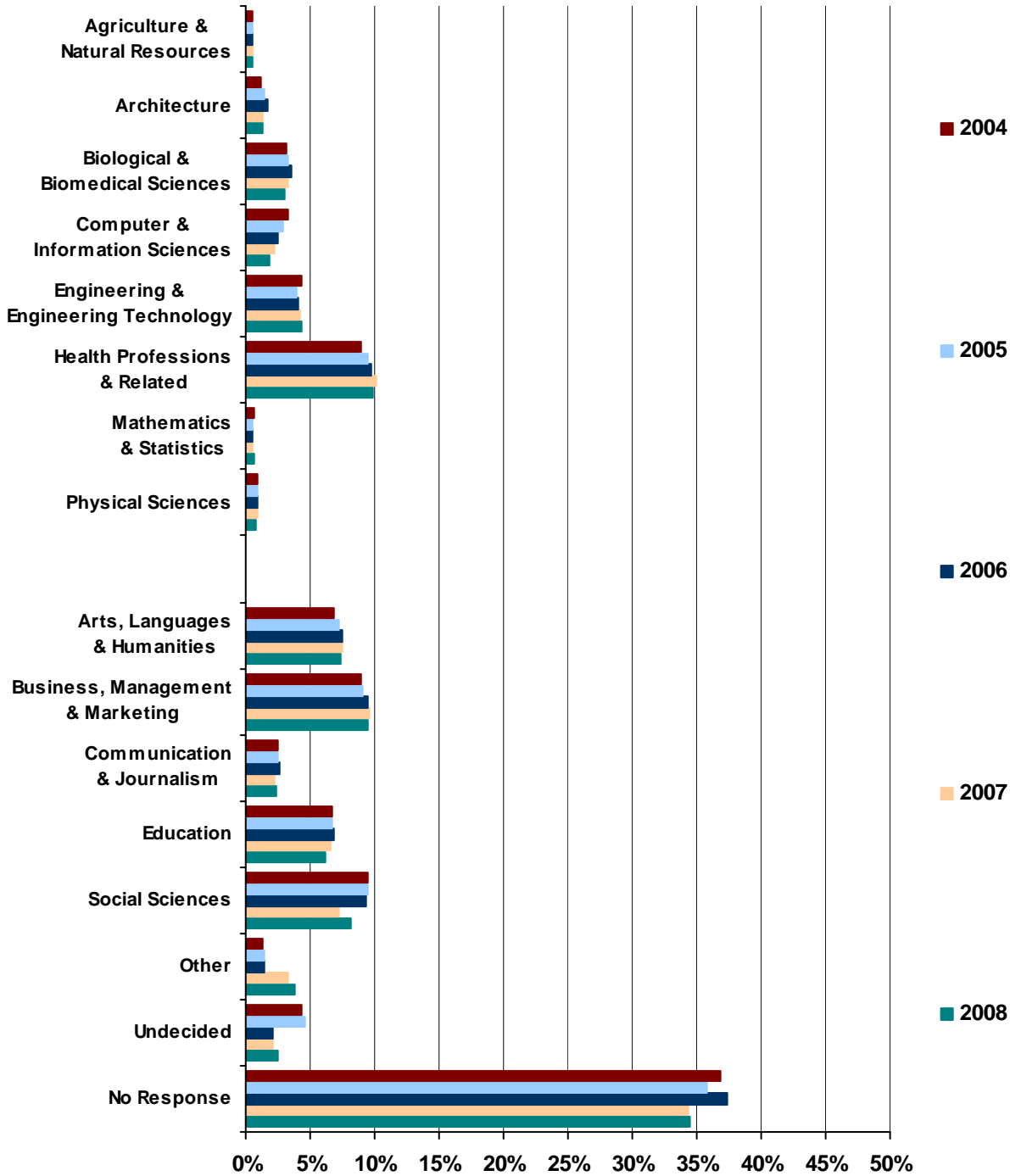


**Chart II - 111: Interest in STEM College Majors Among All SAT Test-Takers --
New Jersey Test-Takers (MASSIP 2009 Indicator 15)**



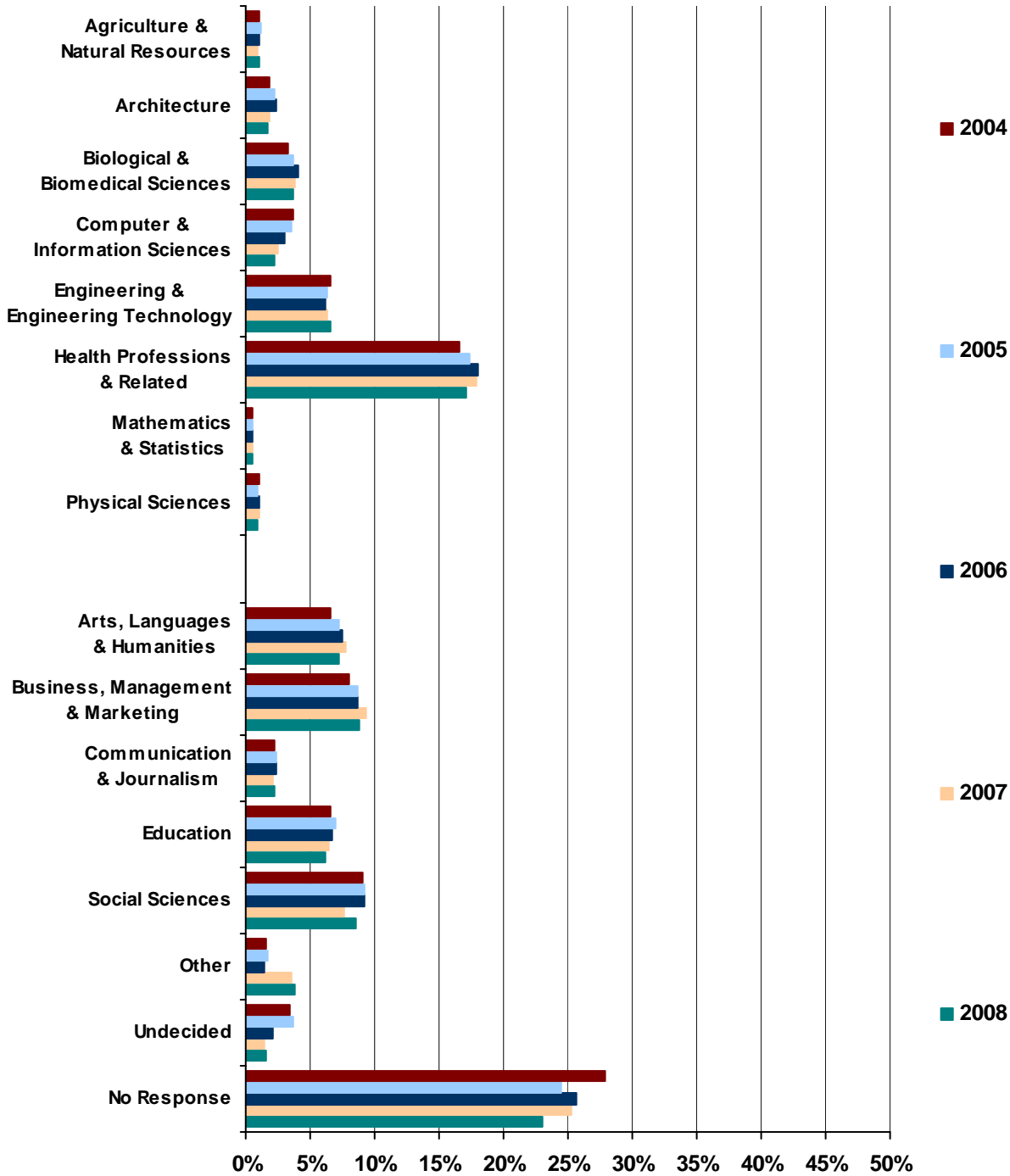
Data Source: College Board.

**Chart II - 112: Interest in STEM College Majors Among All SAT Test-Takers --
New York Test-Takers (MASSIP 2009 Indicator 15)**



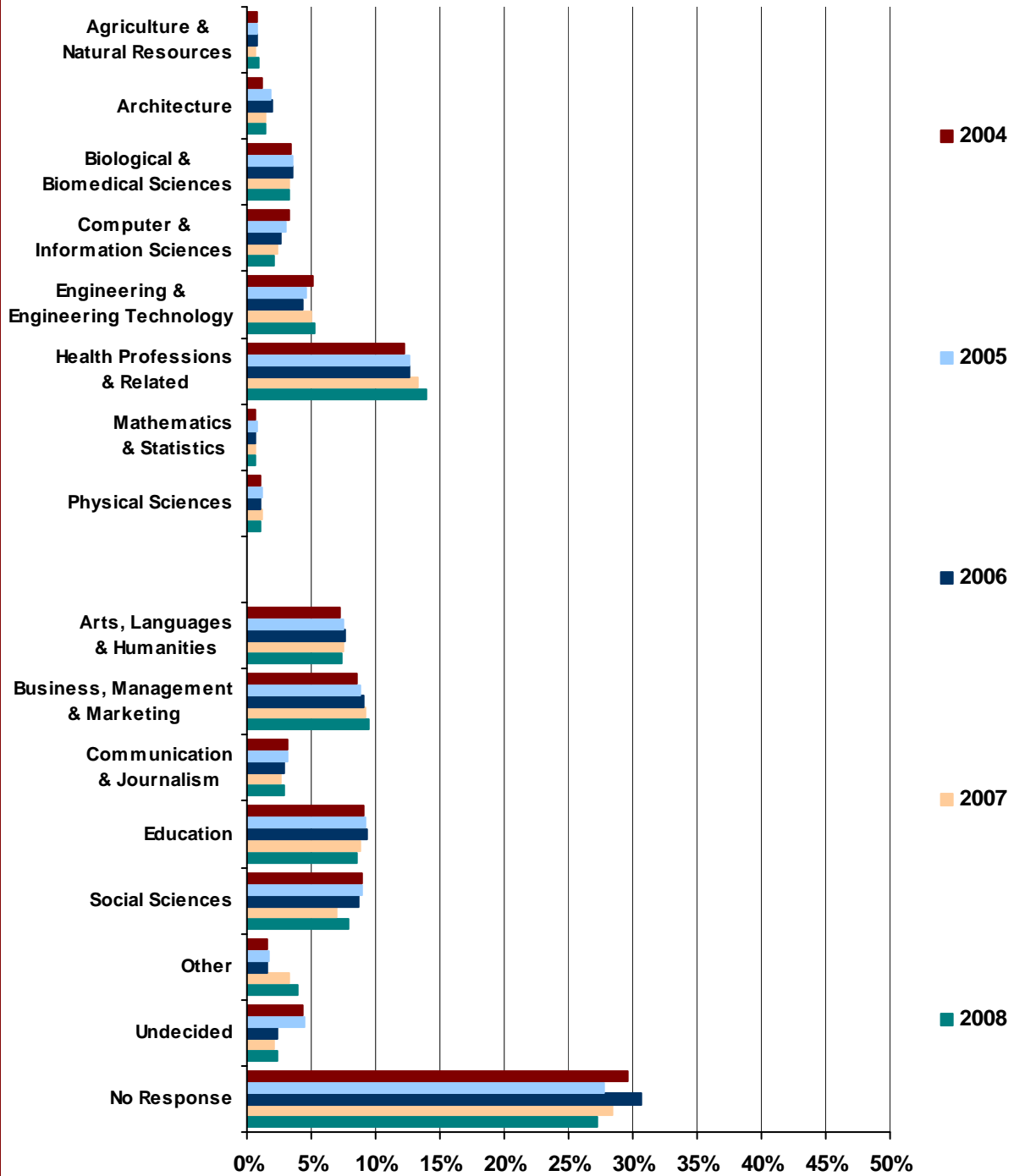
Data Source: College Board.

Chart II - 113: Interest in STEM College Majors Among All SAT Test-Takers -- North Carolina Test-Takers (MASSIP 2009 Indicator 15)

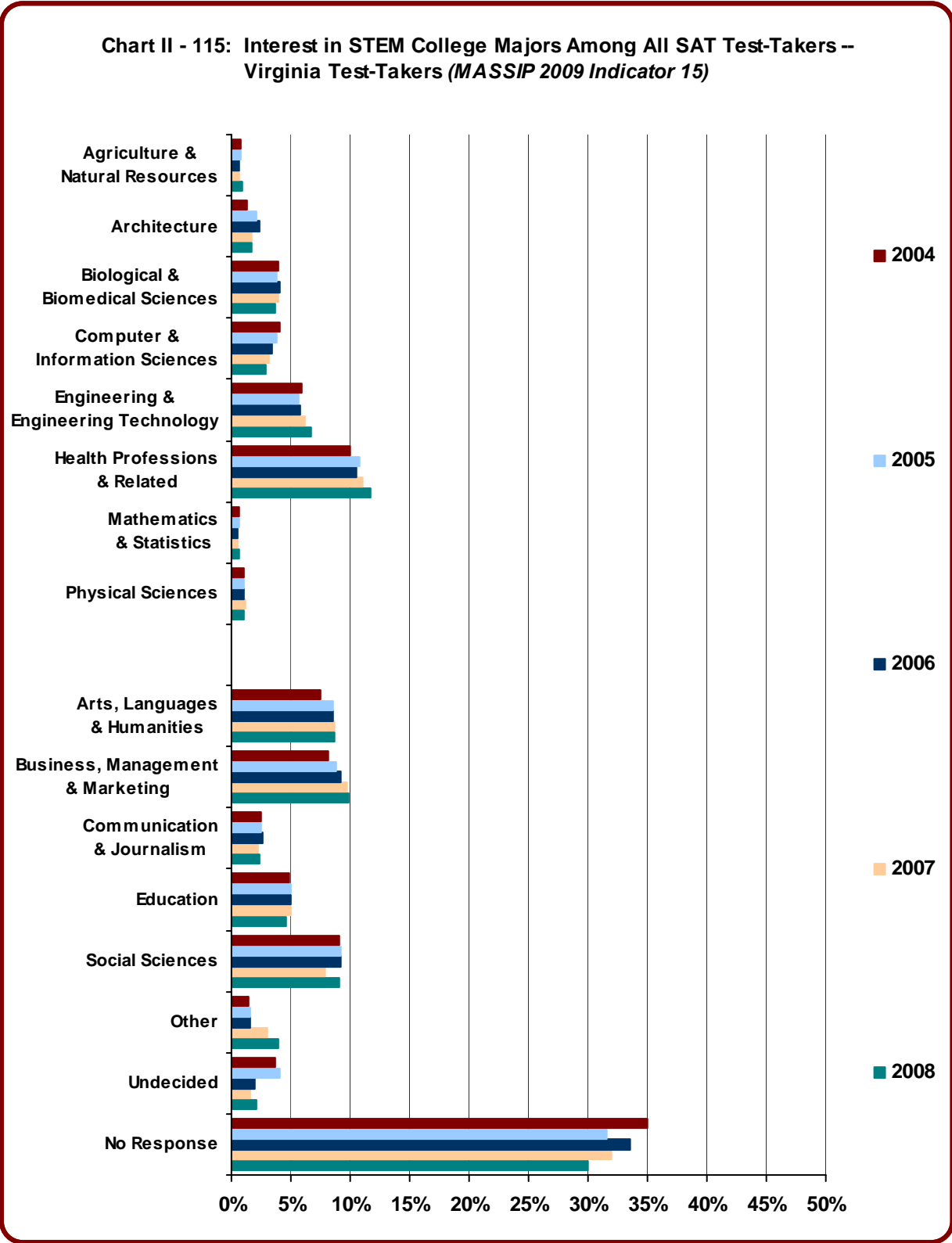


Data Source: College Board.

Chart II - 114: Interest in STEM College Majors Among All SAT Test-Takers – Pennsylvania Test-Takers (MASSIP 2009 Indicator 15)



Data Source: College Board.



Data Source: College Board.



Summary

It should be noted that the percentage of students who take the SAT in Illinois or Minnesota is lower than the percentage in Massachusetts or other comparison states (the ACT is the dominant test in Minnesota and Illinois). Also, the scores for students in Illinois and Minnesota are higher than those for students in Massachusetts or other comparison states. It is theorized that SAT-taking students in Illinois and Minnesota may be higher achievers who intend to apply to out-of-state colleges, while most in-state college-bound students take only the ACT. In contrast, the majority of all college-bound students in Massachusetts and other comparison states take the SAT, regardless of academic status or college location. Because of these differences, Illinois and Minnesota are excluded from our analysis of SAT-based data in this, and other, indicators (though their data are still reported in the tables because of their status as economic competitors), and Massachusetts is compared only to the seven remaining states.

In 2008, 22.6% of all Massachusetts SAT test-takers responded they were interested in majoring in a STEM field in college. This was lower than the national average (29.1%) and lower than six of the comparison states included in the analysis (North Carolina had the highest rate of STEM interest at 34.5%). In 2008, 0.7% of all Massachusetts SAT test-takers responded they were interested in majoring in agriculture and natural resources. This was lower than the national average (0.8%) and lower than four of the comparison states included in the analysis (North Carolina had the highest rate of interest in agriculture and natural resources at 1.1%). 1.3% of all Massachusetts SAT test-takers responded they were interested in majoring in architecture. This was lower than the national average (1.6%) and lower than six of the comparison states included in the analysis (California had the highest rate of interest in architecture at 1.9%). 3.0% of all Massachusetts SAT test-takers responded they were interested in majoring in biological and biomedical sciences. This was lower than the national average (3.8%) and lower than six of the comparison states included in the analysis (California had the highest rate of interest in biological and biomedical sciences at 5.0%). 1.6% of all Massachusetts SAT test-takers responded they were interested in majoring in computer and information sciences. This was lower than the national average (2.0%) and lower than six of the comparison states included in the analysis (Virginia had the highest rate of interest in computer and information sciences at 3.0%). 4.9% of all Massachusetts SAT test-takers responded they were interested in majoring in engineering and engineering technology. This was lower than the national average (6.4%) and lower than four of the comparison states included in the analysis (North Carolina and Virginia had the highest rate of interest in engineering and engineering technology at 6.8%). 9.8% of all Massachusetts SAT test-takers responded they were interested in majoring in health professions. This was lower than the national average (12.9%) and lower than six of the comparison states included in the analysis (North Carolina had the highest rate of interest in health professions at 17.5%). 0.7% of all Massachusetts SAT test-takers responded they were interested in majoring in mathematics and statistics. This was higher than the national average (0.6%) and higher than six of the comparison states included in the analysis (California had the highest rate of interest in mathematics and statistics at 0.8%). 0.8% of all Massachusetts SAT test-takers responded they were interested in majoring in physical sciences. This was lower than the national average (1.0%) and lower than four of the comparison states included in the analysis (Pennsylvania had the highest rate of interest in physical sciences at 1.1%).

Technical Notes

The SAT is a national, standardized test that measures students' skills in critical reading, mathematics, and writing. It is the primary test taken by students planning to enter college. The home page for The College Board is: <http://www.collegeboard.com/>. The website from which all College Board public reports and research can be accessed is: <http://professionals.collegeboard.com/data-reports-research>. Finally, the website for the 2008 "College Bound Seniors" reports (the most recent ones at the time this report was written) is: <http://professionals.collegeboard.com/data-reports-research/sat/cb-seniors-2008>.



***Massachusetts Statewide STEM
Indicators Project (MASSIP)***

2009 Report

**Section III:
STEM College
Completions**



Indicator 16: Number of college students who complete degrees in Agriculture and Natural Resources

Table III - 1: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - All Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	139	11,306	1,314	24	683	557	33	456	796	171	151
	2005	118	11,096	1,115	44	799	442	35	503	761	171	208
	2006	111	11,393	1,272	58	854	581	34	505	698	123	174
	2007	136	11,000	1,188	46	730	508	44	468	794	163	179
	2008	132	11,134	1,262	58	780	601	53	425	793	157	105
	# Change 04-08	-7	-172	-52	34	97	44	20	-31	-3	-14	-46
	% Change 04-08	-5.0%	-1.5%	-4.0%	141.7%	14.2%	7.9%	60.6%	-6.8%	-0.4%	-8.2%	-30.5%
Private Institutions	2004	18	565	0	0	0	0	10	70	0	19	0
	2005	20	628	47	2	0	0	0	41	0	31	0
	2006	22	561	0	0	0	0	0	47	0	26	0
	2007	14	514	0	1	0	0	3	24	0	34	0
	2008	20	467	1	0	0	5	5	29	0	20	0
	# Change 04-08	2	-98	1	0	0	5	-5	-41	0	1	0
	% Change 04-08	11.1%	-17.3%	N/A	N/A	N/A	N/A	-50.0%	-58.6%	N/A	5.3%	N/A
All Institutions	2004	157	11,871	1,314	24	683	557	43	526	796	190	151
	2005	138	11,724	1,162	46	799	442	35	544	761	202	208
	2006	133	11,954	1,272	58	854	581	34	552	698	149	174
	2007	150	11,514	1,188	47	730	508	47	492	794	197	179
	2008	152	11,601	1,263	58	780	606	58	454	793	177	105
	# Change 04-08	-5	-270	-51	34	97	49	15	-72	-3	-13	-46
	% Change 04-08	-3.2%	-2.3%	-3.9%	141.7%	14.2%	8.8%	34.9%	-13.7%	-0.4%	-6.8%	-30.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 2: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.3%	1.1%	0.6%	1.4%	2.4%	0.2%	1.0%	2.6%	0.9%	1.0%
	2005	1.0%	1.2%	0.9%	1.0%	1.6%	1.9%	0.2%	1.1%	2.4%	0.9%	1.3%
	2006	1.0%	1.2%	1.0%	1.3%	1.7%	2.4%	0.2%	1.1%	2.2%	0.6%	1.1%
	2007	1.2%	1.1%	0.9%	1.0%	1.4%	2.1%	0.3%	1.0%	2.4%	0.8%	1.1%
	2008	1.1%	1.1%	1.0%	1.2%	1.5%	2.6%	0.3%	0.9%	2.4%	0.8%	0.6%
Private Institutions	2004	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2006	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2007	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2008	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
All Institutions	2004	0.8%	0.9%	0.7%	0.2%	1.1%	1.9%	0.2%	0.6%	2.3%	0.4%	0.6%
	2005	0.6%	0.8%	0.6%	0.4%	1.1%	1.5%	0.1%	0.7%	2.1%	0.4%	0.8%
	2006	0.6%	0.8%	0.6%	0.5%	1.1%	1.9%	0.1%	0.7%	1.9%	0.3%	0.7%
	2007	0.7%	0.8%	0.6%	0.4%	1.0%	1.7%	0.2%	0.6%	2.1%	0.4%	0.7%
	2008	0.7%	0.7%	0.6%	0.5%	1.0%	2.0%	0.2%	0.6%	2.1%	0.3%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 3: Number of Bachelor's Degrees in Agriculture and Natural Resources - All Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	281	20,228	2,255	136	728	358	211	444	687	558	403
	2005	263	20,506	2,343	124	730	407	196	355	615	572	399
	2006	309	20,524	2,340	165	745	407	239	367	608	534	369
	2007	321	20,650	2,322	163	774	392	202	370	641	544	360
	2008	298	21,534	2,449	171	843	426	225	431	598	488	378
	# Change 04-08	17	1,306	194	35	115	68	14	-13	-89	-70	-25
	% Change 04-08	6.0%	6.5%	8.6%	25.7%	15.8%	19.0%	6.6%	-2.9%	-13.0%	-12.5%	-6.2%
Private Institutions	2004	109	3,448	111	26	82	69	36	651	107	405	280
	2005	85	3,437	119	28	92	62	31	642	90	294	403
	2006	76	3,378	130	28	89	69	27	662	78	367	234
	2007	88	3,450	127	27	94	72	24	715	99	379	161
	2008	105	3,470	120	31	85	74	22	730	108	402	105
	# Change 04-08	-4	22	9	5	3	5	-14	79	1	-3	-175
	% Change 04-08	-3.7%	0.6%	8.1%	19.2%	3.7%	7.2%	-38.9%	12.1%	0.9%	-0.7%	-62.5%
All Institutions	2004	390	23,676	2,366	162	810	427	247	1,095	794	963	683
	2005	348	23,943	2,462	152	822	469	227	997	705	866	802
	2006	385	23,902	2,470	193	834	476	266	1,029	686	901	603
	2007	409	24,100	2,449	190	868	464	226	1,085	740	923	521
	2008	403	25,004	2,569	202	928	500	247	1,161	706	890	483
	# Change 04-08	13	1,328	203	40	118	73	0	66	-88	-73	-200
	% Change 04-08	3.3%	5.6%	8.6%	24.7%	14.6%	17.1%	0.0%	6.0%	-11.1%	-7.6%	-29.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 4: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.0%	2.1%	2.1%	1.6%	2.2%	1.9%	0.9%	1.0%	2.3%	1.4%	1.4%
	2005	1.8%	2.1%	2.1%	1.4%	2.2%	2.2%	0.8%	0.7%	2.1%	1.4%	1.4%
	2006	2.1%	2.0%	2.0%	1.7%	2.3%	2.1%	1.0%	0.7%	2.0%	1.3%	1.2%
	2007	2.1%	2.0%	2.0%	1.6%	2.3%	2.0%	0.8%	0.7%	2.1%	1.3%	1.1%
	2008	1.9%	2.1%	2.0%	1.6%	2.4%	2.1%	0.9%	0.8%	1.9%	1.2%	1.2%
Private Institutions	2004	0.3%	0.6%	0.3%	0.3%	0.3%	0.6%	0.4%	1.0%	0.8%	1.0%	3.1%
	2005	0.2%	0.6%	0.3%	0.3%	0.3%	0.5%	0.3%	0.9%	0.7%	0.7%	4.1%
	2006	0.2%	0.6%	0.3%	0.3%	0.2%	0.6%	0.3%	1.0%	0.6%	0.8%	2.2%
	2007	0.2%	0.6%	0.3%	0.3%	0.2%	0.6%	0.3%	1.0%	0.7%	0.8%	1.5%
	2008	0.3%	0.6%	0.3%	0.3%	0.2%	0.6%	0.2%	1.0%	0.7%	0.9%	0.9%
All Institutions	2004	0.8%	1.6%	1.6%	0.9%	1.3%	1.4%	0.8%	1.0%	1.8%	1.2%	1.8%
	2005	0.7%	1.6%	1.6%	0.9%	1.2%	1.5%	0.7%	0.9%	1.6%	1.0%	2.0%
	2006	0.8%	1.5%	1.6%	1.0%	1.2%	1.5%	0.8%	0.9%	1.6%	1.1%	1.5%
	2007	0.8%	1.5%	1.5%	1.0%	1.2%	1.4%	0.7%	0.9%	1.7%	1.1%	1.2%
	2008	0.7%	1.5%	1.5%	1.0%	1.3%	1.5%	0.7%	0.9%	1.5%	1.0%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 5: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources - All Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	40	4,152	340	20	160	71	78	87	132	55	110
	2005	31	4,126	313	23	129	76	68	31	155	65	88
	2006	37	4,028	328	21	134	59	63	38	141	72	107
	2007	39	3,988	307	25	122	57	51	51	131	65	70
	2008	26	3,931	328	23	136	56	54	52	117	65	83
	# Change 04-08	-14	-221	-12	3	-24	-15	-24	-35	-15	10	-27
	% Change 04-08	-35.0%	-5.3%	-3.5%	15.0%	-15.0%	-21.1%	-30.8%	-40.2%	-11.4%	18.2%	-24.5%
Private Institutions	2004	31	742	84	110	18	12	5	90	78	66	0
	2005	32	809	79	138	15	39	2	85	105	62	0
	2006	36	772	60	147	22	38	3	79	72	48	0
	2007	36	798	59	138	17	39	2	70	124	55	0
	2008	28	919	83	128	28	38	7	69	130	57	0
	# Change 04-08	-3	177	-1	18	10	26	2	-21	52	-9	0
	% Change 04-08	-9.7%	23.9%	-1.2%	16.4%	55.6%	216.7%	40.0%	-23.3%	66.7%	-13.6%	N/A
All Institutions	2004	71	4,894	424	130	178	83	83	177	210	121	110
	2005	63	4,935	392	161	144	115	70	116	260	127	88
	2006	73	4,800	388	168	156	97	66	117	213	120	107
	2007	75	4,786	366	163	139	96	53	121	255	120	70
	2008	54	4,850	411	151	164	94	61	121	247	122	83
	# Change 04-08	-17	-44	-13	21	-14	11	-22	-56	37	1	-27
	% Change 04-08	-23.9%	-0.9%	-3.1%	16.2%	-7.9%	13.3%	-26.5%	-31.6%	17.6%	0.8%	-24.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 6: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	1.4%	1.3%	0.6%	1.3%	1.6%	1.1%	0.4%	1.6%	0.5%	1.1%
	2005	0.6%	1.3%	1.1%	0.6%	1.1%	1.5%	0.9%	0.2%	1.8%	0.7%	0.8%
	2006	0.7%	1.3%	1.1%	0.6%	1.1%	1.1%	0.9%	0.2%	1.6%	0.7%	1.0%
	2007	0.7%	1.3%	1.1%	0.7%	1.0%	1.1%	0.7%	0.3%	1.4%	0.6%	0.6%
	2008	0.4%	1.2%	1.1%	0.6%	1.1%	1.0%	0.7%	0.3%	1.2%	0.6%	0.7%
Private Institutions	2004	0.1%	0.2%	0.2%	1.8%	0.1%	0.2%	0.1%	0.2%	2.4%	0.4%	0.0%
	2005	0.1%	0.3%	0.2%	2.2%	0.1%	0.4%	0.0%	0.2%	3.3%	0.3%	0.0%
	2006	0.1%	0.2%	0.2%	2.4%	0.1%	0.3%	0.0%	0.2%	2.0%	0.2%	0.0%
	2007	0.1%	0.2%	0.2%	2.3%	0.1%	0.3%	0.0%	0.1%	3.3%	0.3%	0.0%
	2008	0.1%	0.3%	0.2%	2.1%	0.1%	0.3%	0.1%	0.1%	3.3%	0.3%	0.0%
All Institutions	2004	0.2%	0.8%	0.7%	1.4%	0.5%	0.7%	0.7%	0.3%	1.8%	0.4%	0.9%
	2005	0.2%	0.8%	0.6%	1.6%	0.4%	0.8%	0.5%	0.2%	2.2%	0.4%	0.6%
	2006	0.2%	0.7%	0.6%	1.7%	0.4%	0.6%	0.5%	0.2%	1.7%	0.4%	0.7%
	2007	0.3%	0.7%	0.6%	1.7%	0.3%	0.5%	0.4%	0.2%	1.9%	0.4%	0.5%
	2008	0.2%	0.7%	0.6%	1.5%	0.4%	0.5%	0.4%	0.2%	1.8%	0.4%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 7: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - All Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	16	1,112	70	7	36	33	27	19	43	23	25
	2005	31	1,111	69	6	47	34	23	4	41	19	32
	2006	15	1,096	78	11	40	33	30	12	49	15	20
	2007	20	1,196	90	22	33	30	23	7	43	33	19
	2008	22	1,166	99	11	46	31	20	7	45	27	24
	# Change 04-08	6	54	29	4	10	-2	-7	-12	2	4	-1
	% Change 04-08	37.5%	4.9%	41.4%	57.1%	27.8%	-6.1%	-25.9%	-63.2%	4.7%	17.4%	-4.0%
Private Institutions	2004	0	75	0	11	0	0	0	45	10	4	0
	2005	0	67	1	8	0	0	0	41	10	2	0
	2006	0	102	0	18	0	0	0	63	10	6	0
	2007	0	83	3	13	0	0	0	46	15	0	0
	2008	0	94	2	5	0	0	0	55	20	3	0
	# Change 04-08	0	19	2	-6	0	0	0	10	10	-1	0
	% Change 04-08	N/A	25.3%	N/A	-54.5%	N/A	N/A	N/A	22.2%	100.0%	-25.0%	N/A
All Institutions	2004	16	1,187	70	18	36	33	27	64	53	27	25
	2005	31	1,178	70	14	47	34	23	45	51	21	32
	2006	15	1,198	78	29	40	33	30	75	59	21	20
	2007	20	1,279	93	35	33	30	23	53	58	33	19
	2008	22	1,260	101	16	46	31	20	62	65	30	24
	# Change 04-08	6	73	31	-2	10	-2	-7	-2	12	3	-1
	% Change 04-08	37.5%	6.1%	44.3%	-11.1%	27.8%	-6.1%	-25.9%	-3.1%	22.6%	11.1%	-4.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 8: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.0%	1.7%	1.3%	1.1%	1.6%	2.5%	1.5%	0.8%	2.4%	0.8%	1.0%
	2005	5.9%	1.6%	1.3%	0.9%	2.0%	2.3%	1.3%	0.2%	2.2%	0.6%	1.3%
	2006	3.1%	1.6%	1.4%	1.4%	1.6%	2.1%	1.7%	0.5%	2.5%	0.5%	0.8%
	2007	3.5%	1.6%	1.5%	3.0%	1.3%	1.8%	1.2%	0.3%	2.2%	1.0%	0.7%
	2008	4.1%	1.5%	1.6%	1.5%	1.8%	2.0%	1.0%	0.3%	2.2%	0.8%	0.9%
Private Institutions	2004	0.0%	0.1%	0.0%	1.1%	0.0%	0.0%	0.0%	0.5%	0.7%	0.1%	0.0%
	2005	0.0%	0.1%	0.0%	0.8%	0.0%	0.0%	0.0%	0.4%	0.7%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	1.7%	0.0%	0.0%	0.0%	0.6%	0.7%	0.1%	0.0%
	2007	0.0%	0.1%	0.0%	1.2%	0.0%	0.0%	0.0%	0.4%	0.9%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.5%	0.0%	0.0%	0.0%	0.5%	1.3%	0.1%	0.0%
All Institutions	2004	0.2%	0.9%	0.5%	1.1%	0.5%	1.2%	0.9%	0.5%	1.7%	0.4%	0.7%
	2005	0.4%	0.8%	0.5%	0.8%	0.6%	1.1%	0.8%	0.3%	1.6%	0.3%	0.8%
	2006	0.2%	0.8%	0.5%	1.6%	0.5%	1.0%	1.0%	0.6%	1.8%	0.3%	0.5%
	2007	0.3%	0.8%	0.6%	1.9%	0.4%	0.8%	0.8%	0.4%	1.6%	0.4%	0.4%
	2008	0.3%	0.8%	0.6%	0.9%	0.6%	0.8%	0.6%	0.5%	1.8%	0.3%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 9: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	57	3,995	757	17	246	151	15	181	163	53	77
	2005	48	3,963	735	27	286	123	18	236	150	54	134
	2006	42	4,077	782	33	332	142	9	224	117	37	104
	2007	46	3,729	696	27	252	122	18	226	145	40	96
	2008	54	3,767	660	40	271	149	22	201	136	35	36
	# Change 04-08	-3	-228	-97	23	25	-2	7	20	-27	-18	-41
	% Change 04-08	-5.3%	-5.7%	-12.8%	135.3%	10.2%	-1.3%	46.7%	11.0%	-16.6%	-34.0%	-53.2%
Private Institutions	2004	17	282	0	0	0	0	8	14	0	16	0
	2005	20	324	26	2	0	0	0	4	0	23	0
	2006	19	263	0	0	0	0	0	10	0	16	0
	2007	13	289	0	1	0	0	3	5	0	26	0
	2008	19	254	0	0	0	2	4	6	0	12	0
	# Change 04-08	2	-28	0	0	0	2	-4	-8	0	-4	0
	% Change 04-08	11.8%	-9.9%	N/A	N/A	N/A	N/A	-50.0%	-57.1%	N/A	-25.0%	N/A
All Institutions	2004	74	4,277	757	17	246	151	23	195	163	69	77
	2005	68	4,287	761	29	286	123	18	240	150	77	134
	2006	61	4,340	782	33	332	142	9	234	117	53	104
	2007	59	4,018	696	28	252	122	21	231	145	66	96
	2008	73	4,021	660	40	271	151	26	207	136	47	36
	# Change 04-08	-1	-256	-97	23	25	0	3	12	-27	-22	-41
	% Change 04-08	-1.4%	-6.0%	-12.8%	135.3%	10.2%	0.0%	13.0%	6.2%	-16.6%	-31.9%	-53.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 10: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	0.8%	1.0%	0.6%	0.9%	1.2%	0.2%	0.6%	0.9%	0.5%	0.8%
	2005	0.6%	0.7%	1.0%	0.9%	1.0%	0.9%	0.2%	0.8%	0.8%	0.4%	1.3%
	2006	0.6%	0.7%	1.0%	1.1%	1.1%	1.0%	0.1%	0.8%	0.6%	0.3%	1.0%
	2007	0.6%	0.6%	0.9%	0.9%	0.9%	0.8%	0.2%	0.8%	0.7%	0.3%	0.9%
	2008	0.7%	0.6%	0.8%	1.3%	0.9%	1.1%	0.2%	0.7%	0.7%	0.3%	0.3%
Private Institutions	2004	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2005	0.3%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
All Institutions	2004	0.5%	0.5%	0.6%	0.3%	0.7%	0.9%	0.1%	0.4%	0.8%	0.3%	0.5%
	2005	0.4%	0.5%	0.6%	0.4%	0.7%	0.7%	0.1%	0.4%	0.7%	0.3%	0.8%
	2006	0.4%	0.5%	0.6%	0.5%	0.7%	0.7%	0.0%	0.4%	0.5%	0.2%	0.6%
	2007	0.4%	0.4%	0.5%	0.4%	0.6%	0.6%	0.1%	0.4%	0.6%	0.2%	0.5%
	2008	0.5%	0.4%	0.5%	0.5%	0.6%	0.8%	0.1%	0.4%	0.6%	0.1%	0.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 11: Number of Bachelor's Degrees in Agriculture and Natural Resources - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	137	9,346	1,210	78	312	155	137	192	363	246	218
	2005	131	9,466	1,311	73	326	191	120	143	310	245	209
	2006	140	9,419	1,325	91	324	185	148	139	305	211	183
	2007	128	9,344	1,290	85	322	159	120	174	305	217	199
	2008	120	9,926	1,359	95	369	186	139	191	260	216	191
	# Change 04-08	-17	580	149	17	57	31	2	-1	-103	-30	-27
	% Change 04-08	-12.4%	6.2%	12.3%	21.8%	18.3%	20.0%	1.5%	-0.5%	-28.4%	-12.2%	-12.4%
Private Institutions	2004	75	2,085	69	21	54	44	32	360	61	230	194
	2005	61	2,091	66	17	56	37	29	337	63	173	330
	2006	57	2,050	92	21	57	47	21	349	38	233	198
	2007	64	2,039	84	16	53	40	21	372	57	225	116
	2008	80	2,039	75	24	55	38	21	380	62	259	67
	# Change 04-08	5	-46	6	3	1	-6	-11	20	1	29	-127
	% Change 04-08	6.7%	-2.2%	8.7%	14.3%	1.9%	-13.6%	-34.4%	5.6%	1.6%	12.6%	-65.5%
All Institutions	2004	212	11,431	1,279	99	366	199	169	552	424	476	412
	2005	192	11,557	1,377	90	382	228	149	480	373	418	539
	2006	197	11,469	1,417	112	381	232	169	488	343	444	381
	2007	192	11,383	1,374	101	375	199	141	546	362	442	315
	2008	200	11,965	1,434	119	424	224	160	571	322	475	258
	# Change 04-08	-12	534	155	20	58	25	-9	19	-102	-1	-154
	% Change 04-08	-5.7%	4.7%	12.1%	20.2%	15.8%	12.6%	-5.3%	3.4%	-24.1%	-0.2%	-37.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 12: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.6%	1.7%	1.9%	1.6%	1.7%	1.5%	1.0%	0.7%	2.2%	1.1%	1.3%
	2005	1.5%	1.7%	2.0%	1.4%	1.8%	1.8%	0.9%	0.5%	1.8%	1.1%	1.3%
	2006	1.6%	1.6%	1.9%	1.6%	1.8%	1.7%	1.1%	0.5%	1.7%	0.9%	1.0%
	2007	1.5%	1.6%	1.9%	1.5%	1.8%	1.4%	0.9%	0.6%	1.7%	0.9%	1.1%
	2008	1.3%	1.7%	1.9%	1.6%	2.0%	1.7%	1.0%	0.6%	1.4%	0.9%	1.0%
Private Institutions	2004	0.4%	0.7%	0.3%	0.4%	0.3%	0.6%	0.6%	0.9%	0.7%	0.9%	3.5%
	2005	0.3%	0.6%	0.3%	0.3%	0.3%	0.5%	0.5%	0.9%	0.8%	0.7%	5.5%
	2006	0.3%	0.6%	0.4%	0.4%	0.3%	0.6%	0.4%	0.9%	0.5%	0.9%	3.1%
	2007	0.3%	0.6%	0.3%	0.3%	0.2%	0.5%	0.4%	0.9%	0.7%	0.9%	1.7%
	2008	0.4%	0.6%	0.3%	0.4%	0.2%	0.5%	0.4%	0.9%	0.7%	1.0%	1.0%
All Institutions	2004	0.7%	1.3%	1.5%	1.0%	1.0%	1.1%	0.9%	0.8%	1.7%	1.0%	1.9%
	2005	0.7%	1.3%	1.5%	0.9%	1.0%	1.3%	0.8%	0.7%	1.5%	0.9%	2.4%
	2006	0.7%	1.3%	1.5%	1.0%	0.9%	1.3%	0.9%	0.7%	1.3%	0.9%	1.6%
	2007	0.6%	1.2%	1.5%	0.9%	0.9%	1.1%	0.7%	0.8%	1.4%	0.9%	1.3%
	2008	0.6%	1.3%	1.5%	1.0%	1.0%	1.2%	0.8%	0.8%	1.2%	1.0%	1.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 13: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	19	2,079	179	13	85	42	46	49	70	29	55
	2005	19	2,091	163	9	63	42	42	14	89	35	47
	2006	15	1,975	172	6	60	26	32	14	79	37	56
	2007	20	2,065	186	14	64	31	33	22	73	36	38
	2008	14	2,062	191	19	89	35	25	31	69	32	42
	# Change 04-08	-5	-17	12	6	4	-7	-21	-18	-1	3	-13
	% Change 04-08	-26.3%	-0.8%	6.7%	46.2%	4.7%	-16.7%	-45.7%	-36.7%	-1.4%	10.3%	-23.6%
Private Institutions	2004	26	463	48	70	10	5	3	47	54	36	0
	2005	20	469	45	78	6	11	1	45	75	34	0
	2006	27	469	38	92	12	15	2	43	52	23	0
	2007	24	467	42	79	8	10	2	24	76	33	0
	2008	21	524	46	68	18	12	2	32	86	28	0
	# Change 04-08	-5	61	-2	-2	8	7	-1	-15	32	-8	0
	% Change 04-08	-19.2%	13.2%	-4.2%	-2.9%	80.0%	140.0%	-33.3%	-31.9%	59.3%	-22.2%	N/A
All Institutions	2004	45	2,542	227	83	95	47	49	96	124	65	55
	2005	39	2,560	208	87	69	53	43	59	164	69	47
	2006	42	2,444	210	98	72	41	34	57	131	60	56
	2007	44	2,532	228	93	72	41	35	46	149	69	38
	2008	35	2,586	237	87	107	47	27	63	155	60	42
	# Change 04-08	-10	44	10	4	12	0	-22	-33	31	-5	-13
	% Change 04-08	-22.2%	1.7%	4.4%	4.8%	12.6%	0.0%	-44.9%	-34.4%	25.0%	-7.7%	-23.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 14: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	1.2%	1.2%	0.6%	1.2%	1.6%	1.1%	0.4%	1.4%	0.5%	1.0%
	2005	0.5%	1.1%	1.0%	0.4%	0.9%	1.4%	0.9%	0.1%	1.7%	0.6%	0.7%
	2006	0.4%	1.0%	1.1%	0.2%	0.9%	0.9%	0.7%	0.1%	1.4%	0.6%	0.8%
	2007	0.5%	1.1%	1.2%	0.6%	0.9%	1.0%	0.7%	0.2%	1.3%	0.5%	0.6%
	2008	0.4%	1.1%	1.1%	0.7%	1.2%	1.1%	0.5%	0.3%	1.1%	0.5%	0.6%
Private Institutions	2004	0.2%	0.3%	0.2%	2.1%	0.1%	0.1%	0.1%	0.2%	3.3%	0.4%	0.0%
	2005	0.1%	0.3%	0.2%	2.2%	0.0%	0.2%	0.0%	0.2%	4.6%	0.3%	0.0%
	2006	0.2%	0.2%	0.2%	2.6%	0.1%	0.2%	0.1%	0.1%	2.7%	0.2%	0.0%
	2007	0.2%	0.2%	0.2%	2.2%	0.0%	0.1%	0.1%	0.1%	3.9%	0.3%	0.0%
	2008	0.1%	0.2%	0.2%	2.0%	0.1%	0.1%	0.1%	0.1%	4.1%	0.2%	0.0%
All Institutions	2004	0.3%	0.7%	0.6%	1.5%	0.5%	0.6%	0.7%	0.2%	1.9%	0.4%	0.7%
	2005	0.2%	0.7%	0.6%	1.4%	0.3%	0.6%	0.6%	0.1%	2.4%	0.4%	0.6%
	2006	0.2%	0.6%	0.6%	1.6%	0.3%	0.4%	0.4%	0.1%	1.8%	0.3%	0.6%
	2007	0.2%	0.6%	0.6%	1.6%	0.3%	0.3%	0.4%	0.1%	1.9%	0.4%	0.4%
	2008	0.2%	0.6%	0.6%	1.4%	0.4%	0.3%	0.3%	0.1%	1.9%	0.3%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 15: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9	400	37	1	15	17	15	7	14	11	14
	2005	16	386	31	3	15	12	11	2	14	6	8
	2006	6	445	38	2	14	16	18	6	18	4	6
	2007	4	467	49	5	11	14	12	2	21	12	6
	2008	8	464	52	5	13	14	10	5	13	11	13
	# Change 04-08	-1	64	15	4	-2	-3	-5	-2	-1	0	-1
	% Change 04-08	-11.1%	16.0%	40.5%	400.0%	-13.3%	-17.6%	-33.3%	-28.6%	-7.1%	0.0%	-7.1%
Private Institutions	2004	0	28	0	4	0	0	0	17	1	1	0
	2005	0	27	0	4	0	0	0	15	3	1	0
	2006	0	43	0	8	0	0	0	26	2	4	0
	2007	0	39	1	4	0	0	0	24	6	0	0
	2008	0	52	2	3	0	0	0	26	16	1	0
	# Change 04-08	0	24	2	-1	0	0	0	9	15	0	0
	% Change 04-08	N/A	85.7%	N/A	-25.0%	N/A	N/A	N/A	52.9%	1,500.0%	0.0%	N/A
All Institutions	2004	9	428	37	5	15	17	15	24	15	12	14
	2005	16	413	31	7	15	12	11	17	17	7	8
	2006	6	488	38	10	14	16	18	32	20	8	6
	2007	4	506	50	9	11	14	12	26	27	12	6
	2008	8	516	54	8	13	14	10	31	29	12	13
	# Change 04-08	-1	88	17	3	-2	-3	-5	7	14	0	-1
	% Change 04-08	-11.1%	20.6%	45.9%	60.0%	-13.3%	-17.6%	-33.3%	29.2%	93.3%	0.0%	-7.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 16: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.1%	1.3%	1.4%	0.3%	1.4%	2.5%	1.7%	0.6%	1.5%	0.7%	1.2%
	2005	5.8%	1.2%	1.2%	0.9%	1.3%	1.7%	1.2%	0.2%	1.4%	0.4%	0.7%
	2006	2.6%	1.3%	1.4%	0.5%	1.2%	2.0%	2.0%	0.4%	1.8%	0.2%	0.5%
	2007	1.4%	1.3%	1.7%	1.3%	0.9%	1.6%	1.3%	0.2%	2.0%	0.7%	0.5%
	2008	3.1%	1.2%	1.7%	1.4%	1.1%	1.7%	0.9%	0.3%	1.1%	0.7%	1.0%
Private Institutions	2004	0.0%	0.1%	0.0%	0.8%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%
	2005	0.0%	0.1%	0.0%	0.8%	0.0%	0.0%	0.0%	0.3%	0.4%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	1.6%	0.0%	0.0%	0.0%	0.5%	0.3%	0.2%	0.0%
	2007	0.0%	0.1%	0.0%	0.8%	0.0%	0.0%	0.0%	0.4%	0.8%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.6%	0.0%	0.0%	0.0%	0.5%	2.1%	0.0%	0.0%
All Institutions	2004	0.3%	0.7%	0.5%	0.6%	0.4%	1.2%	1.1%	0.4%	1.0%	0.3%	0.8%
	2005	0.5%	0.6%	0.4%	0.8%	0.4%	0.8%	0.8%	0.3%	1.0%	0.2%	0.4%
	2006	0.2%	0.7%	0.5%	1.1%	0.4%	0.9%	1.3%	0.5%	1.2%	0.2%	0.3%
	2007	0.1%	0.7%	0.6%	1.0%	0.3%	0.7%	0.9%	0.4%	1.5%	0.3%	0.3%
	2008	0.2%	0.7%	0.7%	0.9%	0.3%	0.6%	0.6%	0.4%	1.5%	0.3%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 17: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	82	7,311	557	7	437	406	18	275	633	118	74
	2005	70	7,133	380	17	513	319	17	267	611	117	74
	2006	69	7,316	490	25	522	439	25	281	581	86	70
	2007	90	7,271	492	19	478	386	26	242	649	123	83
	2008	78	7,367	602	18	509	452	31	224	657	122	69
	# Change 04-08	-4	56	45	11	72	46	13	-51	24	4	-5
	% Change 04-08	-4.9%	0.8%	8.1%	157.1%	16.5%	11.3%	72.2%	-18.5%	3.8%	3.4%	-6.8%
Private Institutions	2004	1	283	0	0	0	0	2	56	0	3	0
	2005	0	304	21	0	0	0	0	37	0	8	0
	2006	3	298	0	0	0	0	0	37	0	10	0
	2007	1	225	0	0	0	0	0	19	0	8	0
	2008	1	213	1	0	0	3	1	23	0	8	0
	# Change 04-08	0	-70	1	0	0	3	-1	-33	0	5	0
	% Change 04-08	0.0%	-24.7%	N/A	N/A	N/A	N/A	-50.0%	-58.9%	N/A	166.7%	N/A
All Institutions	2004	83	7,594	557	7	437	406	20	331	633	121	74
	2005	70	7,437	401	17	513	319	17	304	611	125	74
	2006	72	7,614	490	25	522	439	25	318	581	96	70
	2007	91	7,496	492	19	478	386	26	261	649	131	83
	2008	79	7,580	603	18	509	455	32	247	657	130	69
	# Change 04-08	-4	-14	46	11	72	49	12	-84	24	9	-5
	% Change 04-08	-4.8%	-0.2%	8.3%	157.1%	16.5%	12.1%	60.0%	-25.4%	3.8%	7.4%	-6.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 18: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.2%	2.0%	1.1%	0.5%	2.1%	4.0%	0.3%	1.7%	5.0%	1.6%	1.3%
	2005	1.8%	1.9%	0.7%	1.2%	2.3%	3.3%	0.3%	1.6%	4.7%	1.6%	1.3%
	2006	1.7%	1.9%	1.0%	1.7%	2.5%	4.7%	0.4%	1.7%	4.6%	1.2%	1.2%
	2007	2.2%	1.8%	0.9%	1.2%	2.2%	4.0%	0.4%	1.4%	5.1%	1.7%	1.4%
	2008	1.9%	1.8%	1.1%	1.0%	2.3%	4.7%	0.5%	1.3%	4.8%	1.6%	1.0%
Private Institutions	2004	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%
	2006	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.1%	0.0%
All Institutions	2004	1.4%	1.5%	0.8%	0.2%	1.6%	3.3%	0.2%	1.1%	4.4%	0.6%	0.8%
	2005	1.1%	1.4%	0.5%	0.4%	1.6%	2.7%	0.2%	1.0%	4.1%	0.6%	0.8%
	2006	1.2%	1.4%	0.7%	0.5%	1.8%	3.9%	0.2%	1.1%	4.0%	0.5%	0.8%
	2007	1.3%	1.3%	0.6%	0.4%	1.6%	3.4%	0.3%	0.9%	4.4%	0.6%	0.9%
	2008	1.1%	1.3%	0.8%	0.3%	1.6%	3.9%	0.3%	0.8%	4.2%	0.6%	0.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 19: Number of Bachelor's Degrees in Agriculture and Natural Resources - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	144	10,882	1,045	58	416	203	74	252	324	312	185
	2005	132	11,040	1,032	51	404	216	76	212	305	327	190
	2006	169	11,105	1,015	74	421	222	91	228	303	323	186
	2007	193	11,306	1,032	78	452	233	82	196	336	327	161
	2008	178	11,608	1,090	76	474	240	86	240	338	272	187
	# Change 04-08	34	726	45	18	58	37	12	-12	14	-40	2
	% Change 04-08	23.6%	6.7%	4.3%	31.0%	13.9%	18.2%	16.2%	-4.8%	4.3%	-12.8%	1.1%
Private Institutions	2004	34	1,363	42	5	28	25	4	291	46	175	86
	2005	24	1,346	53	11	36	25	2	305	27	121	73
	2006	19	1,328	38	7	32	22	6	313	40	134	36
	2007	24	1,411	43	11	41	32	3	343	42	154	45
	2008	25	1,431	45	7	30	36	1	350	46	143	38
	# Change 04-08	-9	68	3	2	2	11	-3	59	0	-32	-48
	% Change 04-08	-26.5%	5.0%	7.1%	40.0%	7.1%	44.0%	-75.0%	20.3%	0.0%	-18.3%	-55.8%
All Institutions	2004	178	12,245	1,087	63	444	228	78	543	370	487	271
	2005	156	12,386	1,085	62	440	241	78	517	332	448	263
	2006	188	12,433	1,053	81	453	244	97	541	343	457	222
	2007	217	12,717	1,075	89	493	265	85	539	378	481	206
	2008	203	13,039	1,135	83	504	276	87	590	384	415	225
	# Change 04-08	25	794	48	20	60	48	9	47	14	-72	-46
	% Change 04-08	14.0%	6.5%	4.4%	31.7%	13.5%	21.1%	11.5%	8.7%	3.8%	-14.8%	-17.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 20: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.4%	2.7%	2.3%	1.6%	2.8%	2.5%	0.8%	1.4%	2.6%	1.8%	1.5%
	2005	2.2%	2.6%	2.2%	1.3%	2.7%	2.6%	0.8%	1.1%	2.5%	1.8%	1.5%
	2006	2.7%	2.6%	2.1%	1.8%	2.8%	2.6%	0.9%	1.1%	2.5%	1.7%	1.4%
	2007	3.0%	2.6%	2.1%	1.9%	2.8%	2.7%	0.8%	0.9%	2.6%	1.7%	1.2%
	2008	2.6%	2.6%	2.1%	1.7%	2.9%	2.7%	0.8%	1.1%	2.5%	1.4%	1.3%
Private Institutions	2004	0.2%	0.6%	0.2%	0.1%	0.2%	0.6%	0.1%	1.0%	0.8%	1.0%	2.4%
	2005	0.2%	0.6%	0.3%	0.3%	0.2%	0.5%	0.1%	1.0%	0.5%	0.7%	1.9%
	2006	0.1%	0.6%	0.2%	0.2%	0.2%	0.4%	0.2%	1.1%	0.8%	0.7%	0.9%
	2007	0.2%	0.6%	0.2%	0.3%	0.3%	0.6%	0.1%	1.1%	0.8%	0.8%	1.1%
	2008	0.2%	0.6%	0.2%	0.2%	0.2%	0.7%	0.0%	1.2%	0.8%	0.8%	0.8%
All Institutions	2004	0.8%	1.9%	1.7%	0.8%	1.6%	1.8%	0.6%	1.1%	2.0%	1.4%	1.7%
	2005	0.8%	1.9%	1.7%	0.8%	1.5%	1.8%	0.6%	1.0%	1.9%	1.2%	1.6%
	2006	0.9%	1.9%	1.6%	1.0%	1.5%	1.8%	0.7%	1.1%	2.0%	1.2%	1.3%
	2007	1.0%	1.8%	1.6%	1.1%	1.5%	1.9%	0.6%	1.0%	2.1%	1.3%	1.2%
	2008	0.9%	1.8%	1.6%	1.0%	1.6%	1.9%	0.6%	1.1%	2.0%	1.1%	1.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 21: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21	2,073	161	7	75	29	32	38	62	26	55
	2005	12	2,035	150	14	66	34	26	17	66	30	41
	2006	22	2,053	156	15	74	33	31	24	62	35	51
	2007	19	1,923	121	11	58	26	18	29	58	29	32
	2008	12	1,869	137	4	47	21	29	21	48	33	41
	# Change 04-08	-9	-204	-24	-3	-28	-8	-3	-17	-14	7	-14
	% Change 04-08	-42.9%	-9.8%	-14.9%	-42.9%	-37.3%	-27.6%	-9.4%	-44.7%	-22.6%	26.9%	-25.5%
Private Institutions	2004	5	279	36	40	8	7	2	43	24	30	0
	2005	12	340	34	60	9	28	1	40	30	28	0
	2006	9	303	22	55	10	23	1	36	20	25	0
	2007	12	331	17	59	9	29	0	46	48	22	0
	2008	7	395	37	60	10	26	5	37	44	29	0
	# Change 04-08	2	116	1	20	2	19	3	-6	20	-1	0
	% Change 04-08	40.0%	41.6%	2.8%	50.0%	25.0%	271.4%	150.0%	-14.0%	83.3%	-3.3%	N/A
All Institutions	2004	26	2,352	197	47	83	36	34	81	86	56	55
	2005	24	2,375	184	74	75	62	27	57	96	58	41
	2006	31	2,356	178	70	84	56	32	60	82	60	51
	2007	31	2,254	138	70	67	55	18	75	106	51	32
	2008	19	2,264	174	64	57	47	34	58	92	62	41
	# Change 04-08	-7	-88	-23	17	-26	11	0	-23	6	6	-14
	% Change 04-08	-26.9%	-3.7%	-11.7%	36.2%	-31.3%	30.6%	0.0%	-28.4%	7.0%	10.7%	-25.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 22: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.7%	1.5%	0.6%	1.5%	1.6%	1.2%	0.6%	1.9%	0.7%	1.3%
	2005	0.7%	1.6%	1.3%	1.2%	1.4%	1.7%	1.0%	0.3%	2.0%	0.8%	1.0%
	2006	1.3%	1.7%	1.3%	1.3%	1.5%	1.5%	1.2%	0.4%	1.8%	0.9%	1.1%
	2007	1.0%	1.6%	1.1%	0.9%	1.2%	1.2%	0.7%	0.4%	1.7%	0.7%	0.7%
	2008	0.6%	1.5%	1.0%	0.3%	0.9%	0.9%	1.1%	0.3%	1.3%	0.8%	0.9%
Private Institutions	2004	0.1%	0.2%	0.2%	1.5%	0.1%	0.3%	0.1%	0.2%	1.4%	0.4%	0.0%
	2005	0.1%	0.3%	0.2%	2.2%	0.1%	1.1%	0.0%	0.2%	1.9%	0.4%	0.0%
	2006	0.1%	0.2%	0.2%	2.1%	0.1%	0.8%	0.0%	0.2%	1.2%	0.3%	0.0%
	2007	0.1%	0.2%	0.1%	2.3%	0.1%	0.9%	0.0%	0.2%	2.6%	0.3%	0.0%
	2008	0.1%	0.3%	0.2%	2.2%	0.1%	0.7%	0.1%	0.2%	2.4%	0.3%	0.0%
All Institutions	2004	0.2%	1.0%	0.8%	1.2%	0.5%	0.9%	0.6%	0.3%	1.7%	0.5%	1.1%
	2005	0.2%	0.9%	0.7%	1.9%	0.5%	1.3%	0.5%	0.2%	2.0%	0.5%	0.8%
	2006	0.3%	0.9%	0.7%	1.8%	0.5%	1.1%	0.5%	0.2%	1.6%	0.5%	0.9%
	2007	0.3%	0.9%	0.5%	1.9%	0.4%	1.0%	0.3%	0.3%	2.0%	0.4%	0.6%
	2008	0.2%	0.8%	0.6%	1.6%	0.3%	0.8%	0.5%	0.2%	1.6%	0.5%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 23: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	712	33	6	21	16	12	12	29	12	11
	2005	15	725	38	3	32	22	12	2	27	13	24
	2006	9	651	40	9	26	17	12	6	31	11	14
	2007	16	729	41	17	22	16	11	5	22	21	13
	2008	14	702	47	6	33	17	10	2	32	16	11
	# Change 04-08	7	-10	14	0	12	1	-2	-10	3	4	0
	% Change 04-08	100.0%	-1.4%	42.4%	0.0%	57.1%	6.3%	-16.7%	-83.3%	10.3%	33.3%	0.0%
Private Institutions	2004	0	47	0	7	0	0	0	28	9	3	0
	2005	0	40	1	4	0	0	0	26	7	1	0
	2006	0	59	0	10	0	0	0	37	8	2	0
	2007	0	44	2	9	0	0	0	22	9	0	0
	2008	0	42	0	2	0	0	0	29	4	2	0
	# Change 04-08	0	-5	0	-5	0	0	0	1	-5	-1	0
	% Change 04-08	N/A	-10.6%	N/A	-71.4%	N/A	N/A	N/A	3.6%	-55.6%	-33.3%	N/A
All Institutions	2004	7	759	33	13	21	16	12	40	38	15	11
	2005	15	765	39	7	32	22	12	28	34	14	24
	2006	9	710	40	19	26	17	12	43	39	13	14
	2007	16	773	43	26	22	16	11	27	31	21	13
	2008	14	744	47	8	33	17	10	31	36	18	11
	# Change 04-08	7	-15	14	-5	12	1	-2	-9	-2	3	0
	% Change 04-08	100.0%	-2.0%	42.4%	-38.5%	57.1%	6.3%	-16.7%	-22.5%	-5.3%	20.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 24: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.8%	2.2%	1.2%	2.1%	1.8%	2.6%	1.3%	1.0%	3.4%	0.8%	0.9%
	2005	6.0%	2.1%	1.4%	0.9%	2.6%	2.9%	1.4%	0.2%	3.1%	0.8%	1.8%
	2006	3.5%	1.8%	1.4%	2.5%	2.0%	2.3%	1.4%	0.5%	3.4%	0.7%	1.0%
	2007	5.9%	2.0%	1.3%	4.8%	1.6%	2.0%	1.2%	0.4%	2.3%	1.3%	1.0%
	2008	4.9%	1.9%	1.5%	1.7%	2.4%	2.4%	1.0%	0.2%	3.3%	1.0%	0.7%
Private Institutions	2004	0.0%	0.1%	0.0%	1.2%	0.0%	0.0%	0.0%	0.6%	1.2%	0.1%	0.0%
	2005	0.0%	0.1%	0.0%	0.7%	0.0%	0.0%	0.0%	0.5%	0.9%	0.0%	0.0%
	2006	0.0%	0.2%	0.0%	1.9%	0.0%	0.0%	0.0%	0.7%	1.1%	0.1%	0.0%
	2007	0.0%	0.1%	0.0%	1.7%	0.0%	0.0%	0.0%	0.4%	1.1%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%	0.5%	0.5%	0.1%	0.0%
All Institutions	2004	0.2%	1.1%	0.5%	1.5%	0.6%	1.3%	0.8%	0.7%	2.4%	0.4%	0.6%
	2005	0.4%	1.1%	0.5%	0.8%	0.9%	1.5%	0.8%	0.4%	2.1%	0.4%	1.2%
	2006	0.2%	1.0%	0.5%	2.2%	0.7%	1.1%	0.8%	0.7%	2.3%	0.3%	0.7%
	2007	0.4%	1.0%	0.5%	2.9%	0.5%	0.9%	0.7%	0.4%	1.7%	0.5%	0.6%
	2008	0.4%	1.0%	0.6%	0.9%	0.8%	1.0%	0.6%	0.5%	2.1%	0.4%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 25: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Asian Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	124	50	0	3	1	0	2	3	0	0
	2005	1	119	55	2	2	1	0	0	2	0	3
	2006	0	129	47	0	34	4	0	1	1	0	4
	2007	1	100	41	0	6	1	0	2	3	1	2
	2008	0	122	41	1	4	0	2	1	4	0	2
	# Change 04-08	0	-2	-9	1	1	-1	2	-1	1	0	2
	% Change 04-08	N/A	-1.6%	-18.0%	N/A	33.3%	-100.0%	N/A	-50.0%	33.3%	N/A	N/A
Private Institutions	2004	0	4	0	0	0	0	0	0	0	1	0
	2005	0	6	5	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	4	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-4	0	0	0	0	0	0	0	-1	0
	% Change 04-08	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A
All Institutions	2004	0	128	50	0	3	1	0	2	3	1	0
	2005	1	125	60	2	2	1	0	0	2	0	3
	2006	0	130	47	0	34	4	0	1	1	0	4
	2007	1	104	41	0	6	1	0	2	3	1	2
	2008	0	122	41	1	4	0	2	1	4	0	2
	# Change 04-08	0	-6	-9	1	1	-1	2	-1	1	-1	2
	% Change 04-08	N/A	-4.7%	-18.0%	N/A	33.3%	-100.0%	N/A	-50.0%	33.3%	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 26: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.3%	0.3%	0.0%	0.1%	0.2%	0.0%	0.1%	0.6%	0.0%	0.0%
	2005	0.2%	0.3%	0.3%	1.6%	0.1%	0.2%	0.0%	0.0%	0.4%	0.0%	0.4%
	2006	0.0%	0.3%	0.3%	0.0%	1.4%	0.6%	0.0%	0.0%	0.2%	0.0%	0.6%
	2007	0.2%	0.2%	0.2%	0.0%	0.2%	0.1%	0.0%	0.1%	0.6%	0.2%	0.2%
	2008	0.0%	0.3%	0.2%	0.7%	0.1%	0.0%	0.2%	0.0%	0.7%	0.0%	0.2%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.2%	0.2%	0.0%	0.1%	0.1%	0.0%	0.1%	0.6%	0.1%	0.0%
	2005	0.1%	0.2%	0.2%	1.0%	0.1%	0.1%	0.0%	0.0%	0.4%	0.0%	0.3%
	2006	0.0%	0.2%	0.2%	0.0%	1.1%	0.4%	0.0%	0.0%	0.2%	0.0%	0.4%
	2007	0.1%	0.2%	0.1%	0.0%	0.2%	0.1%	0.0%	0.0%	0.5%	0.1%	0.2%
	2008	0.0%	0.2%	0.1%	0.3%	0.1%	0.0%	0.1%	0.0%	0.6%	0.0%	0.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 27: Number of Bachelor's Degrees in Agriculture and Natural Resources - Asian Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	554	316	2	14	4	8	5	11	8	5
	2005	1	591	316	3	14	11	7	4	8	7	9
	2006	16	681	342	1	15	3	18	10	8	9	6
	2007	15	775	404	5	25	9	12	11	12	3	7
	2008	11	770	422	1	28	8	9	10	10	6	14
	# Change 04-08	7	216	106	-1	14	4	1	5	-1	-2	9
	% Change 04-08	175.0%	39.0%	33.5%	-50.0%	100.0%	100.0%	12.5%	100.0%	-9.1%	-25.0%	180.0%
Private Institutions	2004	7	87	7	2	3	0	0	42	0	3	2
	2005	6	82	7	0	4	1	0	27	1	5	3
	2006	5	110	11	1	6	1	0	44	0	6	4
	2007	5	108	11	1	3	1	0	41	1	4	0
	2008	7	129	11	2	3	3	0	38	8	6	3
	# Change 04-08	0	42	4	0	0	3	0	-4	8	3	1
	% Change 04-08	0.0%	48.3%	57.1%	0.0%	0.0%	N/A	N/A	-9.5%	N/A	100.0%	50.0%
All Institutions	2004	11	641	323	4	17	4	8	47	11	11	7
	2005	7	673	323	3	18	12	7	31	9	12	12
	2006	21	791	353	2	21	4	18	54	8	15	10
	2007	20	883	415	6	28	10	12	52	13	7	7
	2008	18	899	433	3	31	11	9	48	18	12	17
	# Change 04-08	7	258	110	-1	14	7	1	1	7	1	10
	% Change 04-08	63.6%	40.2%	34.1%	-25.0%	82.4%	175.0%	12.5%	2.1%	63.6%	9.1%	142.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 28: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.7%	0.9%	1.2%	0.6%	0.6%	0.7%	0.4%	0.1%	1.1%	0.7%	0.3%
	2005	0.1%	0.9%	1.2%	0.8%	0.6%	1.6%	0.3%	0.1%	0.8%	0.6%	0.4%
	2006	2.2%	0.9%	1.2%	0.2%	0.6%	0.4%	0.8%	0.2%	0.8%	0.7%	0.3%
	2007	2.0%	1.0%	1.4%	1.1%	1.0%	1.0%	0.5%	0.2%	1.1%	0.2%	0.3%
	2008	1.5%	1.0%	1.4%	0.2%	1.1%	0.8%	0.4%	0.2%	0.9%	0.4%	0.6%
Private Institutions	2004	0.2%	0.3%	0.1%	0.5%	0.1%	0.0%	0.0%	0.8%	0.0%	0.1%	1.2%
	2005	0.2%	0.3%	0.1%	0.0%	0.2%	0.3%	0.0%	0.6%	0.3%	0.2%	1.6%
	2006	0.2%	0.4%	0.2%	0.2%	0.3%	0.3%	0.0%	0.9%	0.0%	0.2%	1.8%
	2007	0.2%	0.4%	0.2%	0.2%	0.1%	0.2%	0.0%	0.8%	0.2%	0.2%	0.0%
	2008	0.2%	0.4%	0.2%	0.4%	0.1%	0.6%	0.0%	0.7%	1.6%	0.2%	1.2%
All Institutions	2004	0.3%	0.7%	1.1%	0.5%	0.4%	0.4%	0.3%	0.5%	0.8%	0.3%	0.4%
	2005	0.2%	0.7%	1.0%	0.4%	0.4%	1.1%	0.2%	0.3%	0.7%	0.3%	0.5%
	2006	0.6%	0.8%	1.0%	0.2%	0.5%	0.3%	0.6%	0.6%	0.6%	0.4%	0.4%
	2007	0.5%	0.8%	1.2%	0.6%	0.6%	0.8%	0.4%	0.5%	0.9%	0.2%	0.3%
	2008	0.5%	0.8%	1.2%	0.3%	0.6%	0.7%	0.3%	0.5%	1.1%	0.3%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 29: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources – Asian Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	92	26	0	2	5	5	1	2	0	0
	2005	0	88	19	0	7	1	1	0	3	0	2
	2006	0	72	24	0	3	0	1	0	4	0	1
	2007	0	111	25	1	9	0	2	1	3	2	1
	2008	1	87	17	0	8	1	4	1	4	1	1
	# Change 04-08	1	-5	-9	0	6	-4	-1	0	2	1	1
	% Change 04-08	N/A	-5.4%	-34.6%	N/A	300.0%	-80.0%	-20.0%	0.0%	100.0%	N/A	N/A
Private Institutions	2004	0	35	8	3	2	0	0	4	11	2	0
	2005	0	37	3	10	1	0	0	4	15	2	0
	2006	0	22	6	6	0	1	0	2	3	0	0
	2007	0	28	9	3	0	1	0	2	12	0	0
	2008	0	21	8	0	0	0	0	0	7	2	0
	# Change 04-08	0	-14	0	-3	-2	0	0	-4	-4	0	0
	% Change 04-08	N/A	-40.0%	0.0%	-100.0%	-100.0%	N/A	N/A	-100.0%	-36.4%	0.0%	N/A
All Institutions	2004	0	127	34	3	4	5	5	5	13	2	0
	2005	0	125	22	10	8	1	1	4	18	2	2
	2006	0	94	30	6	3	1	1	2	7	0	1
	2007	0	139	34	4	9	1	2	3	15	2	1
	2008	1	108	25	0	8	1	4	1	11	3	1
	# Change 04-08	1	-19	-9	-3	4	-4	-1	-4	-2	1	1
	% Change 04-08	N/A	-15.0%	-26.5%	-100.0%	100.0%	-80.0%	-20.0%	-80.0%	-15.4%	50.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 30: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.7%	0.7%	0.0%	0.4%	3.6%	1.0%	0.1%	0.7%	0.0%	0.0%
	2005	0.0%	0.6%	0.5%	0.0%	1.3%	0.7%	0.2%	0.0%	1.0%	0.0%	0.4%
	2006	0.0%	0.5%	0.6%	0.0%	0.6%	0.0%	0.2%	0.0%	1.5%	0.0%	0.2%
	2007	0.0%	0.7%	0.6%	1.3%	1.5%	0.0%	0.3%	0.1%	1.1%	0.7%	0.1%
	2008	0.5%	0.5%	0.4%	0.0%	1.4%	0.4%	0.7%	0.1%	1.7%	0.3%	0.2%
Private Institutions	2004	0.0%	0.2%	0.2%	1.0%	0.1%	0.0%	0.0%	0.1%	5.5%	0.2%	0.0%
	2005	0.0%	0.2%	0.1%	3.4%	0.1%	0.0%	0.0%	0.1%	7.3%	0.2%	0.0%
	2006	0.0%	0.1%	0.2%	2.2%	0.0%	0.5%	0.0%	0.1%	1.0%	0.0%	0.0%
	2007	0.0%	0.2%	0.2%	1.0%	0.0%	0.5%	0.0%	0.1%	3.6%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	1.9%	0.2%	0.0%
All Institutions	2004	0.0%	0.4%	0.5%	0.8%	0.2%	1.7%	0.6%	0.1%	2.7%	0.2%	0.0%
	2005	0.0%	0.4%	0.3%	2.6%	0.4%	0.3%	0.1%	0.1%	3.5%	0.2%	0.3%
	2006	0.0%	0.3%	0.4%	1.6%	0.1%	0.3%	0.1%	0.0%	1.3%	0.0%	0.2%
	2007	0.0%	0.4%	0.4%	1.1%	0.4%	0.2%	0.2%	0.1%	2.4%	0.2%	0.1%
	2008	0.1%	0.3%	0.3%	0.0%	0.3%	0.2%	0.4%	0.0%	1.8%	0.2%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 31: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Asian Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	27	7	0	0	0	5	1	1	0	1
	2005	2	25	2	0	0	0	1	0	1	0	1
	2006	0	29	7	0	0	0	2	0	2	0	1
	2007	0	24	4	0	5	0	1	0	0	1	0
	2008	0	30	5	0	5	2	1	0	1	0	0
	# Change 04-08	-1	3	-2	0	5	2	-4	-1	0	0	-1
	% Change 04-08	-100.0%	11.1%	-28.6%	N/A	N/A	N/A	-80.0%	-100.0%	0.0%	N/A	-100.0%
Private Institutions	2004	0	4	0	0	0	0	0	2	2	0	0
	2005	0	1	0	0	0	0	0	0	1	0	0
	2006	0	1	0	0	0	0	0	1	0	0	0
	2007	0	4	0	1	0	0	0	2	1	0	0
	2008	0	8	0	0	0	0	0	4	2	2	0
	# Change 04-08	0	4	0	0	0	0	0	2	0	2	0
	% Change 04-08	N/A	100.0%	N/A	N/A	N/A	N/A	N/A	100.0%	0.0%	N/A	N/A
All Institutions	2004	1	31	7	0	0	0	5	3	3	0	1
	2005	2	26	2	0	0	0	1	0	2	0	1
	2006	0	30	7	0	0	0	2	1	2	0	1
	2007	0	28	4	1	5	0	1	2	1	1	0
	2008	0	38	5	0	5	2	1	4	3	2	0
	# Change 04-08	-1	7	-2	0	5	2	-4	1	0	2	-1
	% Change 04-08	-100.0%	22.6%	-28.6%	N/A	N/A	N/A	-80.0%	33.3%	0.0%	N/A	-100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 32: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	0.5%	0.8%	0.0%	0.0%	0.0%	1.7%	0.3%	1.0%	0.0%	0.6%
	2005	8.3%	0.5%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	1.1%	0.0%	0.5%
	2006	0.0%	0.5%	0.7%	0.0%	0.0%	0.0%	0.6%	0.0%	1.9%	0.0%	0.6%
	2007	0.0%	0.4%	0.4%	0.0%	1.0%	0.0%	0.3%	0.0%	0.0%	0.3%	0.0%
	2008	0.0%	0.5%	0.5%	0.0%	1.5%	2.1%	0.3%	0.0%	1.1%	0.0%	0.0%
Private Institutions	2004	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	1.7%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.1%	0.6%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	1.5%	0.4%	0.0%
All Institutions	2004	0.1%	0.3%	0.3%	0.0%	0.0%	0.0%	1.4%	0.2%	1.4%	0.0%	0.5%
	2005	0.3%	0.2%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.9%	0.0%	0.4%
	2006	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.5%	0.1%	0.9%	0.0%	0.4%
	2007	0.0%	0.2%	0.1%	0.8%	0.4%	0.0%	0.2%	0.1%	0.4%	0.1%	0.0%
	2008	0.0%	0.3%	0.2%	0.0%	0.5%	1.1%	0.2%	0.2%	1.3%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 33: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	405	23	0	42	0	1	2	134	1	2
	2005	0	329	8	0	53	0	0	2	85	2	4
	2006	1	463	68	0	54	1	1	4	108	0	1
	2007	1	460	56	1	59	1	0	6	101	2	1
	2008	0	669	215	3	59	1	2	1	124	0	3
	# Change 04-08	0	264	192	3	17	1	1	-1	-10	-1	1
	% Change 04-08	N/A	65.2%	834.8%	N/A	40.5%	N/A	100.0%	-50.0%	-7.5%	-100.0%	50.0%
Private Institutions	2004	0	9	0	0	0	0	0	1	0	4	0
	2005	0	11	1	0	0	0	0	0	0	8	0
	2006	1	9	0	0	0	0	0	0	0	3	0
	2007	1	14	0	0	0	0	0	0	0	7	0
	2008	1	12	0	0	0	1	0	0	0	3	0
	# Change 04-08	1	3	0	0	0	1	0	-1	0	-1	0
	% Change 04-08	N/A	33.3%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	-25.0%	N/A
All Institutions	2004	0	414	23	0	42	0	1	3	134	5	2
	2005	0	340	9	0	53	0	0	2	85	10	4
	2006	2	472	68	0	54	1	1	4	108	3	1
	2007	2	474	56	1	59	1	0	6	101	9	1
	2008	1	681	215	3	59	2	2	1	124	3	3
	# Change 04-08	1	267	192	3	17	2	1	-2	-10	-2	1
	% Change 04-08	N/A	64.5%	834.8%	N/A	40.5%	N/A	100.0%	-66.7%	-7.5%	-40.0%	50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 34: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.4%	0.3%	0.0%	0.6%	0.0%	0.1%	0.0%	1.8%	0.1%	0.1%
	2005	0.0%	0.3%	0.1%	0.0%	0.7%	0.0%	0.0%	0.0%	1.1%	0.1%	0.1%
	2006	0.1%	0.4%	0.7%	0.0%	0.8%	0.1%	0.1%	0.1%	1.4%	0.0%	0.0%
	2007	0.1%	0.4%	0.6%	0.2%	0.8%	0.1%	0.0%	0.1%	1.3%	0.1%	0.0%
	2008	0.0%	0.5%	2.2%	0.5%	0.8%	0.1%	0.1%	0.0%	1.6%	0.0%	0.1%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%
All Institutions	2004	0.0%	0.2%	0.2%	0.0%	0.4%	0.0%	0.0%	0.0%	1.6%	0.1%	0.0%
	2005	0.0%	0.2%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%	1.0%	0.1%	0.1%
	2006	0.1%	0.2%	0.4%	0.0%	0.4%	0.1%	0.0%	0.0%	1.2%	0.0%	0.0%
	2007	0.1%	0.2%	0.4%	0.1%	0.4%	0.1%	0.0%	0.0%	1.1%	0.1%	0.0%
	2008	0.0%	0.3%	1.3%	0.2%	0.4%	0.1%	0.0%	0.0%	1.3%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 35: Number of Bachelor's Degrees in Agriculture and Natural Resources - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	536	25	2	11	5	7	11	49	9	18
	2005	6	549	25	0	18	3	7	4	46	13	31
	2006	2	581	18	3	18	4	7	7	34	9	16
	2007	4	578	27	7	14	4	8	4	60	11	17
	2008	7	638	42	6	24	2	6	12	44	6	15
	# Change 04-08	3	102	17	4	13	-3	-1	1	-5	-3	-3
	% Change 04-08	75.0%	19.0%	68.0%	200.0%	118.2%	-60.0%	-14.3%	9.1%	-10.2%	-33.3%	-16.7%
Private Institutions	2004	1	107	2	2	3	0	0	15	6	4	8
	2005	2	89	3	2	1	1	0	25	3	5	0
	2006	0	83	3	1	3	0	0	8	2	4	2
	2007	3	77	3	1	1	0	0	14	5	5	0
	2008	3	95	5	1	1	0	0	20	4	1	3
	# Change 04-08	2	-12	3	-1	-2	0	0	5	-2	-3	-5
	% Change 04-08	200.0%	-11.2%	150.0%	-50.0%	-66.7%	N/A	N/A	33.3%	-33.3%	-75.0%	-62.5%
All Institutions	2004	5	643	27	4	14	5	7	26	55	13	26
	2005	8	638	28	2	19	4	7	29	49	18	31
	2006	2	664	21	4	21	4	7	15	36	13	18
	2007	7	655	30	8	15	4	8	18	65	16	17
	2008	10	733	47	7	25	2	6	32	48	7	18
	# Change 04-08	5	90	20	3	11	-3	-1	6	-7	-6	-8
	% Change 04-08	100.0%	14.0%	74.1%	75.0%	78.6%	-60.0%	-14.3%	23.1%	-12.7%	-46.2%	-30.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 36: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	0.7%	0.6%	0.4%	0.3%	1.3%	0.3%	0.2%	0.9%	0.3%	0.5%
	2005	0.9%	0.7%	0.6%	0.0%	0.6%	0.9%	0.3%	0.1%	0.9%	0.5%	0.8%
	2006	0.3%	0.7%	0.4%	0.5%	0.6%	1.0%	0.3%	0.1%	0.6%	0.3%	0.4%
	2007	0.6%	0.7%	0.6%	1.1%	0.4%	0.8%	0.3%	0.1%	1.0%	0.4%	0.4%
	2008	0.9%	0.7%	0.8%	1.0%	0.7%	0.4%	0.2%	0.2%	0.7%	0.2%	0.4%
Private Institutions	2004	0.1%	0.2%	0.1%	0.3%	0.1%	0.0%	0.0%	0.3%	0.2%	0.2%	0.5%
	2005	0.1%	0.2%	0.1%	0.3%	0.0%	0.4%	0.0%	0.4%	0.1%	0.2%	0.0%
	2006	0.0%	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%
	2007	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.2%	0.2%	0.0%
	2008	0.1%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.1%
All Institutions	2004	0.2%	0.5%	0.4%	0.4%	0.2%	0.8%	0.2%	0.2%	0.7%	0.3%	0.5%
	2005	0.3%	0.5%	0.4%	0.2%	0.3%	0.7%	0.2%	0.2%	0.6%	0.4%	0.6%
	2006	0.1%	0.5%	0.3%	0.3%	0.3%	0.6%	0.2%	0.1%	0.4%	0.2%	0.3%
	2007	0.3%	0.5%	0.4%	0.6%	0.2%	0.5%	0.2%	0.1%	0.8%	0.3%	0.3%
	2008	0.3%	0.5%	0.6%	0.5%	0.3%	0.2%	0.2%	0.3%	0.5%	0.1%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 37: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources – Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	119	4	0	1	1	3	1	8	3	3
	2005	1	96	3	0	1	2	3	1	13	4	1
	2006	1	95	1	0	2	0	2	0	16	1	1
	2007	0	130	2	0	6	1	2	2	19	0	2
	2008	0	89	2	0	7	1	1	1	12	0	1
	# Change 04-08	0	-30	-2	0	6	0	-2	0	4	-3	-2
	% Change 04-08	N/A	-25.2%	-50.0%	N/A	600.0%	0.0%	-66.7%	0.0%	50.0%	-100.0%	-66.7%
Private Institutions	2004	0	13	0	1	0	0	0	1	2	3	0
	2005	0	12	1	2	0	1	0	0	1	1	0
	2006	2	30	0	7	2	1	0	0	1	0	0
	2007	0	19	2	4	0	2	0	0	2	1	0
	2008	0	28	1	4	1	1	0	1	1	2	0
	# Change 04-08	0	15	1	3	1	1	0	0	-1	-1	0
	% Change 04-08	N/A	115.4%	N/A	300.0%	N/A	N/A	N/A	0.0%	-50.0%	-33.3%	N/A
All Institutions	2004	0	132	4	1	1	1	3	2	10	6	3
	2005	1	108	4	2	1	3	3	1	14	5	1
	2006	3	125	1	7	4	1	2	0	17	1	1
	2007	0	149	4	4	6	3	2	2	21	1	2
	2008	0	117	3	4	8	2	1	2	13	2	1
	# Change 04-08	0	-15	-1	3	7	1	-2	0	3	-4	-2
	% Change 04-08	N/A	-11.4%	-25.0%	300.0%	700.0%	100.0%	-66.7%	0.0%	30.0%	-66.7%	-66.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 38: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.5%	0.4%	0.0%	0.1%	1.1%	0.5%	0.1%	0.8%	0.4%	0.3%
	2005	0.8%	0.4%	0.3%	0.0%	0.1%	2.1%	0.5%	0.1%	1.2%	0.6%	0.1%
	2006	0.7%	0.4%	0.1%	0.0%	0.2%	0.0%	0.3%	0.0%	1.4%	0.1%	0.1%
	2007	0.0%	0.5%	0.2%	0.0%	0.5%	0.8%	0.3%	0.1%	1.5%	0.0%	0.2%
	2008	0.0%	0.3%	0.2%	0.0%	0.7%	0.6%	0.1%	0.1%	0.8%	0.0%	0.1%
Private Institutions	2004	0.0%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.6%	0.3%	0.0%
	2005	0.0%	0.0%	0.0%	0.6%	0.0%	0.2%	0.0%	0.0%	0.3%	0.1%	0.0%
	2006	0.1%	0.1%	0.0%	2.0%	0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%
	2007	0.0%	0.1%	0.1%	1.2%	0.0%	0.2%	0.0%	0.0%	0.4%	0.1%	0.0%
	2008	0.0%	0.1%	0.0%	1.3%	0.0%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%
All Institutions	2004	0.0%	0.3%	0.1%	0.2%	0.0%	0.2%	0.3%	0.0%	0.8%	0.3%	0.2%
	2005	0.1%	0.2%	0.1%	0.4%	0.0%	0.5%	0.3%	0.0%	1.0%	0.3%	0.1%
	2006	0.2%	0.2%	0.0%	1.3%	0.1%	0.1%	0.2%	0.0%	1.0%	0.1%	0.1%
	2007	0.0%	0.2%	0.1%	0.8%	0.1%	0.3%	0.2%	0.0%	1.2%	0.0%	0.1%
	2008	0.0%	0.2%	0.1%	0.7%	0.2%	0.2%	0.1%	0.0%	0.7%	0.1%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 39: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	22	1	0	1	0	0	1	2	1	0
	2005	1	22	0	0	1	0	0	0	2	1	1
	2006	0	29	1	0	0	0	1	1	1	0	0
	2007	0	24	1	0	0	0	0	0	3	1	0
	2008	0	27	1	0	0	1	0	0	2	0	1
	# Change 04-08	0	5	0	0	-1	1	0	-1	0	-1	1
	% Change 04-08	N/A	22.7%	0.0%	N/A	-100.0%	N/A	N/A	-100.0%	0.0%	-100.0%	N/A
Private Institutions	2004	0	1	0	0	0	0	0	0	0	1	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	0	1	1	0
	2007	0	1	0	0	0	0	0	1	0	0	0
	2008	0	1	0	1	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	1	0	0	0	0	0	-1	0
	% Change 04-08	N/A	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A
All Institutions	2004	0	23	1	0	1	0	0	1	2	2	0
	2005	1	22	0	0	1	0	0	0	2	1	1
	2006	0	31	1	0	0	0	1	1	2	1	0
	2007	0	25	1	0	0	0	0	1	3	1	0
	2008	0	28	1	1	0	1	0	0	2	0	1
	# Change 04-08	0	5	0	1	-1	1	0	-1	0	-2	1
	% Change 04-08	N/A	21.7%	0.0%	N/A	-100.0%	N/A	N/A	-100.0%	0.0%	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 40: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.6%	0.8%	0.0%	0.8%	0.0%	0.0%	0.7%	1.1%	0.5%	0.0%
	2005	4.5%	0.6%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	1.0%	0.5%	0.6%
	2006	0.0%	0.8%	0.7%	0.0%	0.0%	0.0%	0.8%	0.7%	0.5%	0.0%	0.0%
	2007	0.0%	0.6%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	1.4%	0.5%	0.0%
	2008	0.0%	0.7%	0.7%	0.0%	0.0%	0.0%	3.1%	0.0%	0.0%	0.9%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.4%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.3%	0.2%	0.0%	0.3%	0.0%	0.0%	0.1%	0.7%	0.5%	0.0%
	2005	0.3%	0.2%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.6%	0.2%	0.2%
	2006	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.5%	0.1%	0.6%	0.2%	0.0%
	2007	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.8%	0.2%	0.0%
	2008	0.0%	0.3%	0.2%	1.0%	0.0%	0.4%	0.0%	0.0%	0.6%	0.0%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 41: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	443	144	0	22	3	1	6	6	0	2
	2005	0	415	104	0	38	1	0	7	11	0	2
	2006	0	517	162	0	24	2	1	6	8	2	3
	2007	4	544	219	2	20	1	3	9	9	4	2
	2008	1	504	182	2	30	3	5	6	10	0	2
	# Change 04-08	0	61	38	2	8	0	4	0	4	0	0
	% Change 04-08	0.0%	13.8%	26.4%	N/A	36.4%	0.0%	400.0%	0.0%	66.7%	N/A	0.0%
Private Institutions	2004	0	54	0	0	0	0	0	0	0	0	0
	2005	1	117	40	0	0	0	0	0	0	0	0
	2006	0	89	0	0	0	0	0	0	0	0	0
	2007	0	70	0	0	0	0	0	0	0	1	0
	2008	0	65	1	0	0	0	0	1	0	3	0
	# Change 04-08	0	11	1	0	0	0	0	1	0	3	0
	% Change 04-08	N/A	20.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	497	144	0	22	3	1	6	6	0	2
	2005	1	532	144	0	38	1	0	7	11	0	2
	2006	0	606	162	0	24	2	1	6	8	2	3
	2007	4	614	219	2	20	1	3	9	9	5	2
	2008	1	569	183	2	30	3	5	7	10	3	2
	# Change 04-08	0	72	39	2	8	0	4	1	4	3	0
	% Change 04-08	0.0%	14.5%	27.1%	N/A	36.4%	0.0%	400.0%	16.7%	66.7%	N/A	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 42: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.5%	0.5%	0.0%	0.6%	1.0%	0.1%	0.2%	0.9%	0.0%	0.4%
	2005	0.0%	0.4%	0.3%	0.0%	0.9%	0.3%	0.0%	0.2%	1.6%	0.0%	0.4%
	2006	0.0%	0.5%	0.5%	0.0%	0.6%	0.5%	0.1%	0.1%	1.1%	0.4%	0.6%
	2007	0.6%	0.5%	0.6%	0.4%	0.4%	0.3%	0.2%	0.2%	1.1%	0.7%	0.3%
	2008	0.1%	0.5%	0.5%	0.4%	0.7%	0.8%	0.3%	0.1%	1.1%	0.0%	0.3%
Private Institutions	2004	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
All Institutions	2004	0.1%	0.3%	0.3%	0.0%	0.3%	0.7%	0.0%	0.1%	0.8%	0.0%	0.2%
	2005	0.1%	0.3%	0.3%	0.0%	0.5%	0.3%	0.0%	0.1%	1.3%	0.0%	0.2%
	2006	0.0%	0.3%	0.3%	0.0%	0.3%	0.4%	0.0%	0.1%	0.9%	0.1%	0.3%
	2007	0.2%	0.3%	0.4%	0.1%	0.2%	0.2%	0.1%	0.1%	0.9%	0.3%	0.2%
	2008	0.1%	0.2%	0.3%	0.1%	0.4%	0.6%	0.1%	0.1%	0.9%	0.1%	0.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 43: Number of Bachelor's Degrees in Agriculture and Natural Resources - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	750	176	5	11	6	3	8	7	9	5
	2005	6	819	220	2	15	6	15	10	6	11	7
	2006	3	784	185	6	13	5	13	10	5	9	3
	2007	3	871	192	3	8	3	10	10	11	8	2
	2008	6	1,128	246	4	26	5	14	6	7	7	8
	# Change 04-08	1	378	70	-1	15	-1	11	-2	0	-2	3
	% Change 04-08	20.0%	50.4%	39.8%	-20.0%	136.4%	-16.7%	366.7%	-25.0%	0.0%	-22.2%	60.0%
Private Institutions	2004	3	123	7	1	2	1	1	35	2	5	1
	2005	1	94	5	0	0	1	0	24	2	5	2
	2006	1	89	8	0	1	0	2	17	2	3	1
	2007	2	109	6	3	6	0	2	28	0	8	2
	2008	0	130	8	2	4	0	0	43	2	13	4
	# Change 04-08	-3	7	1	1	2	-1	-1	8	0	8	3
	% Change 04-08	-100.0%	5.7%	14.3%	100.0%	100.0%	-100.0%	-100.0%	22.9%	0.0%	160.0%	300.0%
All Institutions	2004	8	873	183	6	13	7	4	43	9	14	6
	2005	7	913	225	2	15	7	15	34	8	16	9
	2006	4	873	193	6	14	5	15	27	7	12	4
	2007	5	980	198	6	14	3	12	38	11	16	4
	2008	6	1,258	254	6	30	5	14	49	9	20	12
	# Change 04-08	-2	385	71	0	17	-2	10	6	0	6	6
	% Change 04-08	-25.0%	44.1%	38.8%	0.0%	130.8%	-28.6%	250.0%	14.0%	0.0%	42.9%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 44: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.0%	1.0%	1.2%	0.6%	2.9%	0.1%	0.2%	1.6%	1.3%	0.7%
	2005	1.3%	1.1%	1.1%	0.5%	0.8%	2.7%	0.7%	0.2%	1.2%	1.5%	0.8%
	2006	0.6%	1.0%	0.9%	1.2%	0.7%	2.2%	0.5%	0.2%	0.9%	1.1%	0.3%
	2007	0.6%	1.0%	0.9%	0.6%	0.4%	1.3%	0.4%	0.2%	1.7%	1.0%	0.2%
	2008	1.1%	1.3%	1.1%	0.7%	1.2%	1.6%	0.5%	0.1%	1.0%	0.8%	0.7%
Private Institutions	2004	0.2%	0.3%	0.1%	0.2%	0.1%	0.5%	0.1%	0.7%	0.7%	0.5%	0.5%
	2005	0.1%	0.2%	0.1%	0.0%	0.0%	0.6%	0.0%	0.4%	0.6%	0.5%	1.1%
	2006	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.3%	0.3%	0.5%	0.3%	0.4%
	2007	0.1%	0.2%	0.1%	0.5%	0.2%	0.0%	0.2%	0.5%	0.0%	0.7%	0.7%
	2008	0.0%	0.3%	0.1%	0.3%	0.1%	0.0%	0.0%	0.8%	0.5%	1.0%	1.3%
All Institutions	2004	0.4%	0.8%	0.8%	0.7%	0.3%	1.8%	0.1%	0.5%	1.2%	0.8%	0.7%
	2005	0.3%	0.8%	0.9%	0.2%	0.3%	1.7%	0.5%	0.3%	0.9%	0.9%	0.9%
	2006	0.2%	0.7%	0.7%	0.6%	0.3%	1.2%	0.5%	0.3%	0.7%	0.6%	0.3%
	2007	0.2%	0.8%	0.7%	0.6%	0.3%	0.7%	0.4%	0.4%	1.1%	0.8%	0.3%
	2008	0.2%	0.9%	0.8%	0.5%	0.6%	0.9%	0.4%	0.5%	0.8%	0.9%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 45: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	122	7	0	1	0	4	1	1	0	0
	2005	1	136	17	1	6	1	2	0	2	1	0
	2006	0	151	16	0	1	2	2	0	3	1	2
	2007	1	127	12	0	3	1	0	1	3	2	1
	2008	0	125	21	0	0	3	0	0	2	0	2
	# Change 04-08	-1	3	14	0	-1	3	-4	-1	1	0	2
	% Change 04-08	-100.0%	2.5%	200.0%	N/A	-100.0%	N/A	-100.0%	-100.0%	100.0%	N/A	N/A
Private Institutions	2004	0	57	1	2	0	0	1	9	1	0	0
	2005	0	64	5	4	2	1	0	4	2	1	0
	2006	0	58	4	2	1	0	0	1	3	0	0
	2007	0	66	0	4	2	0	0	3	6	1	0
	2008	0	47	2	2	0	1	0	1	2	3	0
	# Change 04-08	0	-10	1	0	0	1	-1	-8	1	3	0
	% Change 04-08	N/A	-17.5%	100.0%	0.0%	N/A	N/A	-100.0%	-88.9%	100.0%	N/A	N/A
All Institutions	2004	1	179	8	2	1	0	5	10	2	0	0
	2005	1	200	22	5	8	2	2	4	4	2	0
	2006	0	209	20	2	2	2	2	1	6	1	2
	2007	1	193	12	4	5	1	0	4	9	3	1
	2008	0	172	23	2	0	4	0	1	4	3	2
	# Change 04-08	-1	-7	15	0	-1	4	-5	-9	2	3	2
	% Change 04-08	-100.0%	-3.9%	187.5%	0.0%	-100.0%	N/A	-100.0%	-90.0%	100.0%	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 46: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	0.8%	0.3%	0.0%	0.2%	0.0%	1.1%	0.1%	0.8%	0.0%	0.0%
	2005	0.6%	0.9%	0.6%	0.8%	1.3%	1.6%	0.5%	0.0%	1.8%	0.7%	0.0%
	2006	0.0%	0.9%	0.5%	0.0%	0.2%	3.5%	0.4%	0.0%	2.5%	0.7%	0.8%
	2007	0.6%	0.7%	0.3%	0.0%	0.6%	1.4%	0.0%	0.1%	2.2%	1.1%	0.3%
	2008	0.0%	0.7%	0.6%	0.0%	0.0%	4.1%	0.0%	0.0%	1.4%	0.0%	0.7%
Private Institutions	2004	0.0%	0.3%	0.0%	1.2%	0.0%	0.0%	0.4%	0.3%	1.3%	0.0%	0.0%
	2005	0.0%	0.3%	0.1%	2.2%	0.2%	0.5%	0.0%	0.1%	2.7%	0.3%	0.0%
	2006	0.0%	0.3%	0.1%	1.2%	0.1%	0.0%	0.0%	0.0%	3.3%	0.0%	0.0%
	2007	0.0%	0.3%	0.0%	2.0%	0.2%	0.0%	0.0%	0.1%	5.4%	0.3%	0.0%
	2008	0.0%	0.2%	0.1%	1.0%	0.0%	0.3%	0.0%	0.0%	2.0%	0.7%	0.0%
All Institutions	2004	0.1%	0.6%	0.1%	0.7%	0.1%	0.0%	0.8%	0.2%	1.0%	0.0%	0.0%
	2005	0.1%	0.6%	0.3%	1.6%	0.5%	0.7%	0.3%	0.1%	2.2%	0.4%	0.0%
	2006	0.0%	0.6%	0.3%	0.7%	0.1%	0.6%	0.3%	0.0%	2.8%	0.2%	0.6%
	2007	0.1%	0.5%	0.2%	1.2%	0.3%	0.2%	0.0%	0.1%	3.7%	0.5%	0.3%
	2008	0.0%	0.4%	0.3%	0.6%	0.0%	0.9%	0.0%	0.0%	1.6%	0.5%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 47: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	15	0	0	0	1	1	0	0	0	0
	2005	0	15	0	0	1	0	1	1	0	0	0
	2006	0	40	1	1	2	0	1	0	0	1	0
	2007	0	16	1	0	3	0	0	0	1	1	0
	2008	1	17	2	0	0	2	0	0	0	0	0
	# Change 04-08	1	2	2	0	0	1	-1	0	0	0	0
	% Change 04-08	N/A	13.3%	N/A	N/A	N/A	100.0%	-100.0%	N/A	N/A	N/A	N/A
Private Institutions	2004	0	3	0	1	0	0	0	0	1	1	0
	2005	0	3	0	0	0	0	0	1	2	0	0
	2006	0	2	0	1	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	1	0	0
	2008	0	3	0	0	0	0	0	0	3	0	0
	# Change 04-08	0	0	0	-1	0	0	0	0	2	-1	0
	% Change 04-08	N/A	0.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	200.0%	-100.0%	N/A
All Institutions	2004	0	18	0	1	0	1	1	0	1	1	0
	2005	0	18	0	0	1	0	1	2	2	0	0
	2006	0	42	1	2	2	0	1	0	0	1	0
	2007	0	17	1	0	3	0	0	0	2	1	0
	2008	1	20	2	0	0	2	0	0	3	0	0
	# Change 04-08	1	2	2	-1	0	1	-1	0	2	-1	0
	% Change 04-08	N/A	11.1%	N/A	-100.0%	N/A	100.0%	-100.0%	N/A	200.0%	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 48: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.5%	0.0%	0.0%	0.0%	5.9%	0.9%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.5%	0.0%	0.0%	0.9%	0.0%	1.1%	1.1%	0.0%	0.0%	0.0%
	2006	0.0%	1.3%	0.3%	2.3%	2.0%	0.0%	0.9%	0.0%	0.0%	1.1%	0.0%
	2007	0.0%	0.5%	0.3%	0.0%	2.5%	0.0%	0.0%	0.0%	2.7%	1.1%	0.0%
	2008	5.9%	0.5%	0.6%	0.0%	0.0%	7.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.1%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	2.9%	1.0%	0.0%
	2005	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	6.7%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	0.0%	0.0%
All Institutions	2004	0.0%	0.3%	0.0%	1.4%	0.0%	2.2%	0.7%	0.0%	1.6%	0.5%	0.0%
	2005	0.0%	0.3%	0.0%	0.0%	0.4%	0.0%	0.7%	0.3%	2.9%	0.0%	0.0%
	2006	0.0%	0.6%	0.1%	2.2%	0.7%	0.0%	0.7%	0.0%	0.0%	0.5%	0.0%
	2007	0.0%	0.2%	0.1%	0.0%	0.9%	0.0%	0.0%	0.0%	2.4%	0.5%	0.0%
	2008	0.4%	0.3%	0.2%	0.0%	0.0%	2.0%	0.0%	0.0%	3.5%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 49: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - White Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	117	9,771	924	22	607	523	28	420	637	170	146
	2005	112	9,660	771	40	694	426	34	460	645	168	197
	2006	107	9,644	794	52	730	558	29	465	563	118	163
	2007	126	9,338	730	41	630	488	34	414	658	154	172
	2008	123	9,320	723	48	662	581	40	378	630	157	97
	# Change 04-08	6	-451	-201	26	55	58	12	-42	-7	-13	-49
	% Change 04-08	5.1%	-4.6%	-21.8%	118.2%	9.1%	11.1%	42.9%	-10.0%	-1.1%	-7.6%	-33.6%
Private Institutions	2004	16	321	0	0	0	0	9	63	0	14	0
	2005	16	294	1	2	0	0	0	39	0	21	0
	2006	14	280	0	0	0	0	0	46	0	23	0
	2007	10	280	0	1	0	0	1	24	0	26	0
	2008	12	283	0	0	0	4	5	28	0	12	0
	# Change 04-08	-4	-38	0	0	0	4	-4	-35	0	-2	0
	% Change 04-08	-25.0%	-11.8%	N/A	N/A	N/A	N/A	-44.4%	-55.6%	N/A	-14.3%	N/A
All Institutions	2004	133	10,092	924	22	607	523	37	483	637	184	146
	2005	128	9,954	772	42	694	426	34	499	645	189	197
	2006	121	9,924	794	52	730	558	29	511	563	141	163
	2007	136	9,618	730	42	630	488	35	438	658	180	172
	2008	135	9,603	723	48	662	585	45	406	630	169	97
	# Change 04-08	2	-489	-201	26	55	62	8	-77	-7	-15	-49
	% Change 04-08	1.5%	-4.8%	-21.8%	118.2%	9.1%	11.9%	21.6%	-15.9%	-1.1%	-8.2%	-33.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 50: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.5%	1.7%	1.8%	0.8%	1.8%	3.0%	0.3%	1.5%	3.0%	1.1%	1.3%
	2005	1.4%	1.6%	1.5%	1.3%	1.9%	2.3%	0.4%	1.6%	2.9%	1.1%	1.8%
	2006	1.2%	1.6%	1.6%	1.7%	2.1%	2.9%	0.3%	1.6%	2.6%	0.7%	1.4%
	2007	1.5%	1.5%	1.4%	1.3%	1.8%	2.4%	0.3%	1.5%	2.9%	1.0%	1.5%
	2008	1.4%	1.4%	1.4%	1.5%	1.8%	2.9%	0.4%	1.3%	2.8%	1.0%	0.8%
Private Institutions	2004	0.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.4%	0.0%	0.1%	0.0%
	2005	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%
	2006	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%
	2007	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%
	2008	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.0%	0.1%	0.0%
All Institutions	2004	1.0%	1.3%	1.3%	0.3%	1.5%	2.4%	0.3%	1.1%	2.7%	0.5%	1.0%
	2005	0.9%	1.2%	1.0%	0.6%	1.5%	1.8%	0.2%	1.1%	2.6%	0.5%	1.3%
	2006	0.9%	1.2%	1.1%	0.7%	1.6%	2.3%	0.2%	1.2%	2.2%	0.4%	1.0%
	2007	1.0%	1.1%	1.0%	0.6%	1.4%	2.0%	0.2%	1.0%	2.6%	0.5%	1.1%
	2008	1.0%	1.1%	1.0%	0.6%	1.4%	2.4%	0.3%	1.0%	2.5%	0.5%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 51: Number of Bachelor's Degrees in Agriculture and Natural Resources - White Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	231	17,153	1,302	118	674	318	186	403	606	521	360
	2005	237	17,315	1,384	107	659	349	157	321	546	528	344
	2006	270	17,174	1,398	139	680	364	193	308	546	493	320
	2007	271	17,156	1,316	137	698	348	165	320	553	506	314
	2008	254	17,718	1,380	143	734	393	188	370	521	455	310
	# Change 04-08	23	565	78	25	60	75	2	-33	-85	-66	-50
	% Change 04-08	10.0%	3.3%	6.0%	21.2%	8.9%	23.6%	1.1%	-8.2%	-14.0%	-12.7%	-13.9%
Private Institutions	2004	65	2,829	86	19	64	66	23	489	94	366	265
	2005	55	2,866	81	24	79	55	23	478	79	265	394
	2006	51	2,781	87	21	70	63	21	534	69	329	209
	2007	58	2,755	82	15	64	68	19	521	85	326	149
	2008	78	2,761	71	23	64	66	19	544	89	353	87
	# Change 04-08	13	-68	-15	4	0	0	-4	55	-5	-13	-178
	% Change 04-08	20.0%	-2.4%	-17.4%	21.1%	0.0%	0.0%	-17.4%	11.2%	-5.3%	-3.6%	-67.2%
All Institutions	2004	296	19,982	1,388	137	738	384	209	892	700	887	625
	2005	292	20,181	1,465	131	738	404	180	799	625	793	738
	2006	321	19,955	1,485	160	750	427	214	842	615	822	529
	2007	329	19,911	1,398	152	762	416	184	841	638	832	463
	2008	332	20,479	1,451	166	798	459	207	914	610	808	397
	# Change 04-08	36	497	63	29	60	75	-2	22	-90	-79	-228
	% Change 04-08	12.2%	2.5%	4.5%	21.2%	8.1%	19.5%	-1.0%	2.5%	-12.9%	-8.9%	-36.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 52: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.2%	2.6%	3.0%	1.8%	2.9%	2.2%	1.4%	1.5%	2.8%	1.6%	1.7%
	2005	2.1%	2.6%	3.2%	1.6%	2.8%	2.4%	1.1%	1.1%	2.5%	1.6%	1.6%
	2006	2.4%	2.5%	3.1%	1.9%	2.9%	2.4%	1.3%	1.1%	2.5%	1.4%	1.5%
	2007	2.4%	2.5%	2.9%	1.9%	2.8%	2.2%	1.1%	1.1%	2.5%	1.5%	1.4%
	2008	2.1%	2.5%	2.9%	1.8%	3.0%	2.4%	1.3%	1.3%	2.2%	1.3%	1.4%
Private Institutions	2004	0.3%	0.8%	0.4%	0.3%	0.3%	0.7%	0.4%	1.2%	1.0%	1.1%	4.0%
	2005	0.2%	0.8%	0.4%	0.4%	0.3%	0.5%	0.4%	1.1%	0.8%	0.8%	5.7%
	2006	0.2%	0.7%	0.4%	0.3%	0.3%	0.6%	0.4%	1.3%	0.7%	1.0%	2.8%
	2007	0.3%	0.7%	0.4%	0.2%	0.2%	0.6%	0.3%	1.2%	0.9%	1.0%	2.0%
	2008	0.3%	0.7%	0.3%	0.3%	0.3%	0.6%	0.3%	1.2%	0.9%	1.0%	1.1%
All Institutions	2004	0.9%	2.0%	2.2%	1.0%	1.7%	1.6%	1.1%	1.3%	2.2%	1.4%	2.3%
	2005	0.9%	1.9%	2.3%	1.0%	1.6%	1.6%	0.9%	1.1%	2.0%	1.2%	2.6%
	2006	0.9%	1.9%	2.3%	1.2%	1.6%	1.7%	1.1%	1.2%	2.0%	1.2%	1.8%
	2007	1.0%	1.8%	2.1%	1.1%	1.5%	1.6%	0.9%	1.1%	2.0%	1.2%	1.6%
	2008	0.9%	1.8%	2.1%	1.1%	1.6%	1.7%	1.0%	1.2%	1.9%	1.2%	1.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 53: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources – White Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	34	2,910	203	6	113	43	40	69	103	44	90
	2005	19	2,897	178	15	87	48	40	27	116	44	67
	2006	27	2,809	195	11	96	38	34	29	95	56	83
	2007	27	2,778	186	17	83	47	33	39	93	50	58
	2008	17	2,809	183	14	96	41	28	39	89	50	71
	# Change 04-08	-17	-101	-20	8	-17	-2	-12	-30	-14	6	-19
	% Change 04-08	-50.0%	-3.5%	-9.9%	133.3%	-15.0%	-4.7%	-30.0%	-43.5%	-13.6%	13.6%	-21.1%
Private Institutions	2004	8	430	27	62	7	10	1	35	63	53	0
	2005	2	489	36	79	7	27	2	51	80	45	0
	2006	10	486	35	87	12	29	0	45	59	39	0
	2007	16	508	31	85	10	32	0	33	90	37	0
	2008	15	598	31	74	12	33	1	41	109	36	0
	# Change 04-08	7	168	4	12	5	23	0	6	46	-17	0
	% Change 04-08	87.5%	39.1%	14.8%	19.4%	71.4%	230.0%	0.0%	17.1%	73.0%	-32.1%	N/A
All Institutions	2004	42	3,340	230	68	120	53	41	104	166	97	90
	2005	21	3,386	214	94	94	75	42	78	196	89	67
	2006	37	3,295	230	98	108	67	34	74	154	95	83
	2007	43	3,286	217	102	93	79	33	72	183	87	58
	2008	32	3,407	214	88	108	74	29	80	198	86	71
	# Change 04-08	-10	67	-16	20	-12	21	-12	-24	32	-11	-19
	% Change 04-08	-23.8%	2.0%	-7.0%	29.4%	-10.0%	39.6%	-29.3%	-23.1%	19.3%	-11.3%	-21.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 54: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.0%	1.5%	1.9%	0.3%	1.5%	1.6%	1.1%	0.5%	1.7%	0.6%	1.3%
	2005	0.5%	1.5%	1.5%	0.6%	1.2%	1.5%	1.0%	0.2%	1.9%	0.6%	0.9%
	2006	0.7%	1.4%	1.6%	0.4%	1.3%	1.1%	0.9%	0.2%	1.5%	0.7%	1.1%
	2007	0.7%	1.4%	1.7%	0.7%	1.1%	1.3%	0.8%	0.3%	1.4%	0.6%	0.7%
	2008	0.4%	1.4%	1.5%	0.5%	1.3%	1.0%	0.7%	0.3%	1.3%	0.6%	0.9%
Private Institutions	2004	0.1%	0.3%	0.2%	1.7%	0.1%	0.2%	0.0%	0.2%	2.9%	0.5%	0.0%
	2005	0.0%	0.3%	0.2%	2.1%	0.0%	0.4%	0.1%	0.2%	3.7%	0.4%	0.0%
	2006	0.1%	0.3%	0.2%	2.3%	0.1%	0.4%	0.0%	0.2%	2.6%	0.3%	0.0%
	2007	0.1%	0.3%	0.2%	2.3%	0.1%	0.3%	0.0%	0.1%	3.8%	0.3%	0.0%
	2008	0.1%	0.3%	0.2%	2.0%	0.1%	0.3%	0.0%	0.2%	4.5%	0.3%	0.0%
All Institutions	2004	0.3%	0.9%	0.8%	1.2%	0.6%	0.6%	0.6%	0.3%	2.0%	0.5%	1.1%
	2005	0.1%	0.9%	0.8%	1.5%	0.4%	0.8%	0.6%	0.2%	2.4%	0.5%	0.7%
	2006	0.2%	0.9%	0.8%	1.5%	0.5%	0.6%	0.5%	0.2%	1.8%	0.5%	0.8%
	2007	0.3%	0.9%	0.8%	1.6%	0.4%	0.6%	0.4%	0.2%	2.1%	0.4%	0.6%
	2008	0.2%	0.9%	0.8%	1.3%	0.4%	0.5%	0.4%	0.2%	2.2%	0.4%	0.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 55: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - White Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	536	33	3	19	18	7	6	28	7	14
	2005	12	532	34	1	21	16	5	1	27	9	16
	2006	6	523	37	1	23	21	9	7	24	7	11
	2007	10	549	39	7	13	12	4	5	20	10	12
	2008	7	545	46	3	21	14	5	3	33	8	10
	# Change 04-08	1	9	13	0	2	-4	-2	-3	5	1	-4
	% Change 04-08	16.7%	1.7%	39.4%	0.0%	10.5%	-22.2%	-28.6%	-50.0%	17.9%	14.3%	-28.6%
Private Institutions	2004	0	27	0	6	0	0	0	12	6	0	0
	2005	0	35	1	6	0	0	0	16	6	1	0
	2006	0	48	0	11	0	0	0	22	9	2	0
	2007	0	51	3	8	0	0	0	22	13	0	0
	2008	0	45	2	2	0	0	0	18	13	1	0
	# Change 04-08	0	18	2	-4	0	0	0	6	7	1	0
	% Change 04-08	N/A	66.7%	N/A	-66.7%	N/A	N/A	N/A	50.0%	116.7%	N/A	N/A
All Institutions	2004	6	563	33	9	19	18	7	18	34	7	14
	2005	12	567	35	7	21	16	5	17	33	10	16
	2006	6	571	37	12	23	21	9	29	33	9	11
	2007	10	600	42	15	13	12	4	27	33	10	12
	2008	7	590	48	5	21	14	5	21	46	9	10
	# Change 04-08	1	27	15	-4	2	-4	-2	3	12	2	-4
	% Change 04-08	16.7%	4.8%	45.5%	-44.4%	10.5%	-22.2%	-28.6%	16.7%	35.3%	28.6%	-28.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 56: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.9%	1.3%	1.3%	0.7%	1.5%	2.0%	0.7%	0.4%	2.3%	0.4%	0.8%
	2005	4.0%	1.3%	1.4%	0.2%	1.6%	1.6%	0.6%	0.1%	2.2%	0.5%	0.9%
	2006	2.1%	1.2%	1.5%	0.2%	1.8%	2.0%	1.1%	0.5%	1.9%	0.3%	0.6%
	2007	3.1%	1.2%	1.5%	1.7%	0.9%	1.1%	0.5%	0.3%	1.6%	0.5%	0.7%
	2008	2.3%	1.2%	1.6%	0.8%	1.6%	1.4%	0.6%	0.2%	2.4%	0.4%	0.6%
Private Institutions	2004	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.2%	0.6%	0.0%	0.0%
	2005	0.0%	0.1%	0.0%	0.9%	0.0%	0.0%	0.0%	0.3%	0.6%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	1.8%	0.0%	0.0%	0.0%	0.4%	0.9%	0.1%	0.0%
	2007	0.0%	0.1%	0.1%	1.4%	0.0%	0.0%	0.0%	0.4%	1.2%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.3%	1.2%	0.0%	0.0%
All Institutions	2004	0.2%	0.7%	0.4%	0.9%	0.4%	0.9%	0.4%	0.3%	1.5%	0.1%	0.6%
	2005	0.3%	0.6%	0.5%	0.7%	0.5%	0.7%	0.3%	0.2%	1.4%	0.2%	0.6%
	2006	0.2%	0.6%	0.5%	1.1%	0.5%	0.9%	0.6%	0.4%	1.5%	0.2%	0.4%
	2007	0.2%	0.7%	0.6%	1.5%	0.3%	0.4%	0.3%	0.4%	1.4%	0.2%	0.4%
	2008	0.2%	0.6%	0.6%	0.5%	0.4%	0.5%	0.3%	0.3%	1.9%	0.2%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 57: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Non-Resident Alien Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17	111	39	0	2	1	1	0	3	0	0
	2005	0	94	58	0	0	0	0	3	0	0	0
	2006	0	135	75	2	0	1	0	3	1	0	1
	2007	0	50	22	0	6	0	1	3	0	0	0
	2008	0	46	13	0	0	6	0	5	0	0	0
	# Change 04-08	-17	-65	-26	0	-2	5	-1	5	-3	0	0
	% Change 04-08	-100.0%	-58.6%	-66.7%	N/A	-100.0%	500.0%	-100.0%	N/A	-100.0%	N/A	N/A
Private Institutions	2004	0	5	0	0	0	0	0	0	0	0	0
	2005	0	5	0	0	0	0	0	1	0	0	0
	2006	0	6	0	0	0	0	0	1	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	4	0	0	0	0	0	0	0	1	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	1	0
	% Change 04-08	N/A	-20.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	17	116	39	0	2	1	1	0	3	0	0
	2005	0	99	58	0	0	0	0	4	0	0	0
	2006	0	141	75	2	0	1	0	4	1	0	1
	2007	0	52	22	0	6	0	1	3	0	0	0
	2008	0	50	13	0	0	6	0	5	0	1	0
	# Change 04-08	-17	-66	-26	0	-2	5	-1	5	-3	1	0
	% Change 04-08	-100.0%	-56.9%	-66.7%	N/A	-100.0%	500.0%	-100.0%	N/A	-100.0%	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 58: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.0%	0.7%	0.9%	0.0%	1.0%	0.4%	0.2%	0.0%	2.0%	0.0%	0.0%
	2005	0.0%	0.6%	1.4%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2006	0.0%	0.9%	2.0%	1.8%	0.0%	0.5%	0.0%	0.2%	0.6%	0.0%	0.8%
	2007	0.0%	0.3%	0.6%	0.0%	2.9%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.3%	0.4%	0.0%	0.0%	3.5%	0.0%	0.3%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%
All Institutions	2004	3.7%	0.5%	0.7%	0.0%	0.4%	0.4%	0.2%	0.0%	1.7%	0.0%	0.0%
	2005	0.0%	0.5%	1.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2006	0.0%	0.7%	1.4%	1.3%	0.0%	0.5%	0.0%	0.2%	0.5%	0.0%	0.7%
	2007	0.0%	0.2%	0.4%	0.0%	0.9%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.2%	0.3%	0.0%	0.0%	2.6%	0.0%	0.2%	0.0%	0.4%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 59: Number of Bachelor's Degrees in Agriculture and Natural Resources - Non-Resident Alien Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	266	40	0	4	6	1	7	8	7	6
	2005	0	305	67	0	8	6	5	4	2	8	2
	2006	2	284	59	0	8	7	3	5	5	5	7
	2007	4	281	59	0	10	6	0	8	1	5	3
	2008	1	252	55	1	10	5	2	12	3	5	1
	# Change 04-08	0	-14	15	1	6	-1	1	5	-5	-2	-5
	% Change 04-08	0.0%	-5.3%	37.5%	N/A	150.0%	-16.7%	100.0%	71.4%	-62.5%	-28.6%	-83.3%
Private Institutions	2004	6	73	2	0	3	1	2	26	1	6	0
	2005	4	78	3	1	4	4	4	19	1	5	2
	2006	5	86	6	1	6	4	1	22	2	2	5
	2007	4	95	3	4	7	2	1	25	0	2	0
	2008	0	78	0	1	6	0	1	27	0	6	4
	# Change 04-08	-6	5	-2	1	3	-1	-1	1	-1	0	4
	% Change 04-08	-100.0%	6.8%	-100.0%	N/A	100.0%	-100.0%	-50.0%	3.8%	-100.0%	0.0%	N/A
All Institutions	2004	7	339	42	0	7	7	3	33	9	13	6
	2005	4	383	70	1	12	10	9	23	3	13	4
	2006	7	370	65	1	14	11	4	27	7	7	12
	2007	8	376	62	4	17	8	1	33	1	7	3
	2008	1	330	55	2	16	5	3	39	3	11	5
	# Change 04-08	-6	-9	13	2	9	-2	0	6	-6	-2	-1
	% Change 04-08	-85.7%	-2.7%	31.0%	N/A	128.6%	-28.6%	0.0%	18.2%	-66.7%	-15.4%	-16.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 60: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	1.0%	1.0%	0.0%	0.7%	0.8%	0.1%	0.3%	1.5%	1.0%	0.7%
	2005	0.0%	1.1%	1.6%	0.0%	0.9%	0.9%	0.8%	0.2%	0.5%	1.0%	0.3%
	2006	0.6%	1.0%	1.4%	0.0%	1.0%	1.0%	0.4%	0.2%	1.1%	0.7%	1.0%
	2007	1.3%	1.1%	1.4%	0.0%	1.5%	0.9%	0.0%	0.3%	0.3%	0.8%	0.6%
	2008	0.4%	1.0%	1.4%	0.8%	1.6%	0.9%	0.4%	0.4%	0.7%	0.8%	0.2%
Private Institutions	2004	0.3%	0.3%	0.1%	0.0%	0.3%	0.3%	0.6%	0.8%	0.3%	0.4%	0.0%
	2005	0.2%	0.4%	0.1%	0.3%	0.4%	1.2%	1.3%	0.7%	0.4%	0.3%	0.7%
	2006	0.2%	0.4%	0.3%	0.2%	0.6%	1.2%	0.4%	0.8%	0.7%	0.1%	1.7%
	2007	0.2%	0.4%	0.1%	1.0%	0.7%	0.7%	0.3%	0.9%	0.0%	0.1%	0.0%
	2008	0.0%	0.4%	0.0%	0.3%	0.7%	0.0%	0.3%	1.0%	0.0%	0.4%	1.2%
All Institutions	2004	0.3%	0.7%	0.7%	0.0%	0.4%	0.6%	0.3%	0.6%	1.1%	0.6%	0.6%
	2005	0.2%	0.8%	1.1%	0.2%	0.6%	1.0%	1.0%	0.4%	0.5%	0.6%	0.4%
	2006	0.3%	0.7%	1.0%	0.2%	0.8%	1.0%	0.4%	0.5%	0.9%	0.3%	1.2%
	2007	0.3%	0.8%	0.9%	0.7%	1.1%	0.9%	0.1%	0.6%	0.2%	0.3%	0.4%
	2008	0.0%	0.7%	0.9%	0.4%	1.1%	0.6%	0.3%	0.7%	0.4%	0.5%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 61: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources – Non-Resident Alien Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	727	46	13	35	20	16	15	18	8	12
	2005	9	707	33	6	26	20	18	3	20	13	15
	2006	6	667	32	9	27	13	16	9	22	12	11
	2007	9	604	27	7	17	5	13	7	10	10	7
	2008	5	615	38	8	24	9	18	10	7	12	4
	# Change 04-08	1	-112	-8	-5	-11	-11	2	-5	-11	4	-8
	% Change 04-08	25.0%	-15.4%	-17.4%	-38.5%	-31.4%	-55.0%	12.5%	-33.3%	-61.1%	50.0%	-66.7%
Private Institutions	2004	3	137	39	35	8	0	2	36	0	3	0
	2005	4	106	20	32	4	1	0	18	1	4	0
	2006	6	93	9	35	5	2	2	26	0	1	0
	2007	5	92	6	35	3	0	2	26	0	11	0
	2008	6	144	33	44	15	0	6	22	1	2	0
	# Change 04-08	3	7	-6	9	7	0	4	-14	1	-1	0
	% Change 04-08	100.0%	5.1%	-15.4%	25.7%	87.5%	N/A	200.0%	-38.9%	N/A	-33.3%	N/A
All Institutions	2004	7	864	85	48	43	20	18	51	18	11	12
	2005	13	813	53	38	30	21	18	21	21	17	15
	2006	12	760	41	44	32	15	18	35	22	13	11
	2007	14	696	33	42	20	5	15	33	10	21	7
	2008	11	759	71	52	39	9	24	32	8	14	4
	# Change 04-08	4	-105	-14	4	-4	-11	6	-19	-10	3	-8
	% Change 04-08	57.1%	-12.2%	-16.5%	8.3%	-9.3%	-55.0%	33.3%	-37.3%	-55.6%	27.3%	-66.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 62: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.7%	1.1%	5.3%	1.4%	2.7%	1.5%	0.6%	2.0%	0.7%	1.0%
	2005	1.9%	1.7%	0.8%	2.1%	1.2%	2.8%	1.8%	0.1%	2.9%	1.1%	1.4%
	2006	1.2%	1.7%	0.8%	3.2%	1.3%	2.0%	1.7%	0.4%	2.8%	1.2%	0.9%
	2007	1.7%	1.7%	0.8%	2.9%	0.9%	0.7%	1.5%	0.3%	1.3%	1.0%	0.9%
	2008	0.9%	1.6%	1.0%	3.1%	1.0%	1.2%	1.8%	0.4%	0.7%	1.1%	0.3%
Private Institutions	2004	0.1%	0.4%	0.9%	3.4%	0.2%	0.0%	0.3%	0.5%	0.0%	0.1%	0.0%
	2005	0.1%	0.3%	0.4%	3.0%	0.1%	0.4%	0.0%	0.2%	0.5%	0.2%	0.0%
	2006	0.2%	0.2%	0.2%	3.6%	0.2%	0.7%	0.2%	0.3%	0.0%	0.0%	0.0%
	2007	0.1%	0.3%	0.1%	3.8%	0.1%	0.0%	0.2%	0.3%	0.0%	0.4%	0.0%
	2008	0.1%	0.4%	0.7%	3.8%	0.4%	0.0%	0.6%	0.2%	0.5%	0.1%	0.0%
All Institutions	2004	0.1%	1.1%	1.0%	3.8%	0.7%	2.0%	1.0%	0.5%	1.6%	0.3%	0.9%
	2005	0.3%	1.1%	0.6%	2.8%	0.5%	2.2%	1.1%	0.2%	2.4%	0.5%	1.1%
	2006	0.3%	1.0%	0.5%	3.6%	0.6%	1.6%	1.0%	0.3%	2.2%	0.4%	0.8%
	2007	0.3%	1.0%	0.4%	3.6%	0.4%	0.5%	0.9%	0.3%	1.0%	0.6%	0.8%
	2008	0.2%	1.0%	0.8%	3.7%	0.7%	0.9%	1.2%	0.3%	0.7%	0.4%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 63: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Non-Resident Alien Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	483	26	2	15	13	13	11	12	15	6
	2005	10	478	26	4	24	18	15	2	11	9	12
	2006	9	448	26	9	15	12	17	4	22	7	6
	2007	8	541	37	14	12	18	18	2	19	20	5
	2008	13	489	30	7	20	12	13	4	9	19	12
	# Change 04-08	5	6	4	5	5	-1	0	-7	-3	4	6
	% Change 04-08	62.5%	1.2%	15.4%	250.0%	33.3%	-7.7%	0.0%	-63.6%	-25.0%	26.7%	100.0%
Private Institutions	2004	0	33	0	2	0	0	0	27	1	1	0
	2005	0	25	0	0	0	0	0	24	0	1	0
	2006	0	46	0	5	0	0	0	38	0	3	0
	2007	0	24	0	3	0	0	0	20	0	0	0
	2008	0	33	0	1	0	0	0	32	0	0	0
	# Change 04-08	0	0	0	-1	0	0	0	5	-1	-1	0
	% Change 04-08	N/A	0.0%	N/A	-50.0%	N/A	N/A	N/A	18.5%	-100.0%	-100.0%	N/A
All Institutions	2004	8	516	26	4	15	13	13	38	13	16	6
	2005	10	503	26	4	24	18	15	26	11	10	12
	2006	9	494	26	14	15	12	17	42	22	10	6
	2007	8	565	37	17	12	18	18	22	19	20	5
	2008	13	522	30	8	20	12	13	36	9	19	12
	# Change 04-08	5	6	4	4	5	-1	0	-2	-4	3	6
	% Change 04-08	62.5%	1.2%	15.4%	100.0%	33.3%	-7.7%	0.0%	-5.3%	-30.8%	18.8%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 64: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.4%	5.3%	3.4%	2.3%	3.8%	6.6%	5.3%	2.8%	5.4%	3.2%	2.7%
	2005	8.9%	4.7%	2.8%	3.5%	4.9%	7.6%	6.3%	0.4%	4.5%	1.8%	4.0%
	2006	7.0%	3.9%	2.5%	6.8%	2.6%	4.2%	6.2%	0.8%	7.1%	1.3%	1.8%
	2007	5.8%	4.4%	3.1%	9.6%	3.6%	5.7%	6.3%	0.4%	5.8%	3.5%	1.6%
	2008	8.1%	3.9%	2.7%	4.9%	3.3%	4.3%	4.2%	0.7%	3.0%	3.4%	3.1%
Private Institutions	2004	0.0%	0.6%	0.0%	1.3%	0.0%	0.0%	0.0%	2.5%	4.2%	0.2%	0.0%
	2005	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	2.1%	0.0%	0.2%	0.0%
	2006	0.0%	0.7%	0.0%	3.8%	0.0%	0.0%	0.0%	3.1%	0.0%	0.6%	0.0%
	2007	0.0%	0.4%	0.0%	2.2%	0.0%	0.0%	0.0%	1.5%	0.0%	0.0%	0.0%
	2008	0.0%	0.5%	0.0%	0.7%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%
All Institutions	2004	0.9%	3.5%	1.6%	1.7%	1.7%	5.5%	3.0%	2.6%	5.3%	1.8%	2.3%
	2005	1.1%	3.1%	1.4%	1.6%	2.4%	6.5%	3.5%	1.6%	3.8%	1.0%	3.7%
	2006	0.9%	2.7%	1.3%	5.3%	1.4%	3.7%	3.5%	2.4%	6.5%	1.0%	1.6%
	2007	0.7%	3.0%	1.7%	6.0%	1.4%	4.6%	3.8%	1.2%	5.3%	1.9%	1.4%
	2008	1.2%	2.7%	1.4%	2.8%	1.8%	3.8%	2.6%	1.9%	2.8%	1.8%	2.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 65: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources - Resident Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	122	11,195	1,275	24	681	556	32	456	793	171	151
	2005	118	11,002	1,057	44	799	442	35	500	761	171	208
	2006	111	11,258	1,197	56	854	580	34	502	697	123	173
	2007	136	10,950	1,166	46	724	508	43	465	794	163	179
	2008	132	11,088	1,249	58	780	595	53	420	793	157	105
	# Change 04-08	10	-107	-26	34	99	39	21	-36	0	-14	-46
	% Change 04-08	8.2%	-1.0%	-2.0%	141.7%	14.5%	7.0%	65.6%	-7.9%	0.0%	-8.2%	-30.5%
Private Institutions	2004	18	560	0	0	0	0	10	70	0	19	0
	2005	20	623	47	2	0	0	0	40	0	31	0
	2006	22	555	0	0	0	0	0	46	0	26	0
	2007	14	512	0	1	0	0	3	24	0	34	0
	2008	20	463	1	0	0	5	5	29	0	19	0
	# Change 04-08	2	-97	1	0	0	5	-5	-41	0	0	0
	% Change 04-08	11.1%	-17.3%	N/A	N/A	N/A	N/A	-50.0%	-58.6%	N/A	0.0%	N/A
All Institutions	2004	140	11,755	1,275	24	681	556	42	526	793	190	151
	2005	138	11,625	1,104	46	799	442	35	540	761	202	208
	2006	133	11,813	1,197	56	854	580	34	548	697	149	173
	2007	150	11,462	1,166	47	724	508	46	489	794	197	179
	2008	152	11,551	1,250	58	780	600	58	449	793	176	105
	# Change 04-08	12	-204	-25	34	99	44	16	-77	0	-14	-46
	% Change 04-08	8.6%	-1.7%	-2.0%	141.7%	14.5%	7.9%	38.1%	-14.6%	0.0%	-7.4%	-30.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 66: Associate's Degrees and Certificates Below Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 16)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.3%	1.1%	0.6%	1.4%	2.4%	0.2%	1.1%	2.6%	0.9%	1.0%
	2005	1.1%	1.2%	0.8%	1.0%	1.6%	2.0%	0.2%	1.1%	2.4%	0.9%	1.3%
	2006	1.0%	1.2%	1.0%	1.3%	1.7%	2.5%	0.2%	1.1%	2.2%	0.6%	1.1%
	2007	1.2%	1.1%	0.9%	1.0%	1.4%	2.1%	0.3%	1.1%	2.5%	0.8%	1.1%
	2008	1.1%	1.1%	1.0%	1.2%	1.5%	2.6%	0.3%	1.0%	2.4%	0.8%	0.6%
Private Institutions	2004	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2006	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2007	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2008	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.1%	0.0%
All Institutions	2004	0.7%	0.9%	0.7%	0.2%	1.1%	1.9%	0.2%	0.7%	2.3%	0.4%	0.6%
	2005	0.7%	0.8%	0.6%	0.4%	1.1%	1.5%	0.1%	0.7%	2.1%	0.4%	0.8%
	2006	0.6%	0.8%	0.6%	0.5%	1.2%	1.9%	0.1%	0.7%	1.9%	0.3%	0.7%
	2007	0.7%	0.8%	0.6%	0.4%	1.0%	1.7%	0.2%	0.6%	2.1%	0.4%	0.7%
	2008	0.7%	0.8%	0.6%	0.5%	1.0%	2.0%	0.2%	0.6%	2.1%	0.3%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 67: Number of Bachelor's Degrees in Agriculture and Natural Resources - Resident Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	280	19,962	2,215	136	724	352	210	437	679	551	397
	2005	263	20,201	2,276	124	722	401	191	351	613	564	397
	2006	307	20,240	2,281	165	737	400	236	362	603	529	362
	2007	317	20,369	2,263	163	764	386	202	362	640	539	357
	2008	297	21,282	2,394	170	833	421	223	419	595	483	377
	# Change 04-08	17	1,320	179	34	109	69	13	-18	-84	-68	-20
	% Change 04-08	6.1%	6.6%	8.1%	25.0%	15.1%	19.6%	6.2%	-4.1%	-12.4%	-12.3%	-5.0%
Private Institutions	2004	103	3,375	109	26	79	68	34	625	106	399	280
	2005	81	3,359	116	27	88	58	27	623	89	289	401
	2006	71	3,292	124	27	83	65	26	640	76	365	229
	2007	84	3,355	124	23	87	70	23	690	99	377	161
	2008	105	3,392	120	30	79	74	21	703	108	396	101
	# Change 04-08	2	17	11	4	0	6	-13	78	2	-3	-179
	% Change 04-08	1.9%	0.5%	10.1%	15.4%	0.0%	8.8%	-38.2%	12.5%	1.9%	-0.8%	-63.9%
All Institutions	2004	383	23,337	2,324	162	803	420	244	1,062	785	950	677
	2005	344	23,560	2,392	151	810	459	218	974	702	853	798
	2006	378	23,532	2,405	192	820	465	262	1,002	679	894	591
	2007	401	23,724	2,387	186	851	456	225	1,052	739	916	518
	2008	402	24,674	2,514	200	912	495	244	1,122	703	879	478
	# Change 04-08	19	1,337	190	38	109	75	0	60	-82	-71	-199
	% Change 04-08	5.0%	5.7%	8.2%	23.5%	13.6%	17.9%	0.0%	5.6%	-10.4%	-7.5%	-29.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 68: Bachelor's Degrees in Agriculture and Natural Resources as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.0%	2.2%	2.1%	1.6%	2.3%	2.0%	1.0%	1.0%	2.3%	1.5%	1.4%
	2005	1.8%	2.1%	2.1%	1.4%	2.3%	2.2%	0.8%	0.8%	2.1%	1.4%	1.4%
	2006	2.1%	2.1%	2.0%	1.7%	2.3%	2.1%	1.0%	0.8%	2.1%	1.3%	1.2%
	2007	2.1%	2.0%	2.0%	1.7%	2.3%	2.0%	0.9%	0.8%	2.1%	1.3%	1.2%
	2008	1.9%	2.1%	2.0%	1.7%	2.4%	2.2%	0.9%	0.9%	1.9%	1.2%	1.2%
Private Institutions	2004	0.3%	0.6%	0.3%	0.3%	0.3%	0.6%	0.4%	1.0%	0.8%	1.0%	3.1%
	2005	0.2%	0.6%	0.3%	0.3%	0.3%	0.5%	0.3%	0.9%	0.7%	0.7%	4.2%
	2006	0.2%	0.6%	0.3%	0.3%	0.2%	0.5%	0.3%	1.0%	0.6%	0.9%	2.2%
	2007	0.2%	0.6%	0.3%	0.2%	0.2%	0.6%	0.3%	1.0%	0.7%	0.9%	1.5%
	2008	0.3%	0.6%	0.3%	0.3%	0.2%	0.6%	0.2%	1.0%	0.8%	0.9%	0.9%
All Institutions	2004	0.8%	1.6%	1.6%	0.9%	1.3%	1.5%	0.8%	1.0%	1.9%	1.2%	1.8%
	2005	0.7%	1.6%	1.6%	0.9%	1.2%	1.5%	0.7%	0.9%	1.7%	1.1%	2.1%
	2006	0.8%	1.5%	1.6%	1.0%	1.2%	1.5%	0.8%	0.9%	1.6%	1.1%	1.5%
	2007	0.8%	1.5%	1.5%	1.0%	1.2%	1.4%	0.7%	0.9%	1.7%	1.1%	1.2%
	2008	0.8%	1.5%	1.6%	1.0%	1.3%	1.5%	0.7%	0.9%	1.5%	1.0%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 69: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources - Resident Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	36	3,425	294	7	125	51	62	72	114	47	98
	2005	22	3,419	280	17	103	56	50	28	135	52	73
	2006	31	3,361	296	12	107	46	47	29	119	60	96
	2007	30	3,384	280	18	105	52	38	44	121	55	63
	2008	21	3,316	290	15	112	47	36	42	110	53	79
	# Change 04-08	-15	-109	-4	8	-13	-4	-26	-30	-4	6	-19
	% Change 04-08	-41.7%	-3.2%	-1.4%	114.3%	-10.4%	-7.8%	-41.9%	-41.7%	-3.5%	12.8%	-19.4%
Private Institutions	2004	28	605	45	75	10	12	3	54	78	63	0
	2005	28	703	59	106	11	38	2	67	104	58	0
	2006	30	679	51	112	17	36	1	53	72	47	0
	2007	31	706	53	103	14	39	0	44	124	44	0
	2008	22	775	50	84	13	38	1	47	129	55	0
	# Change 04-08	-6	170	5	9	3	26	-2	-7	51	-8	0
	% Change 04-08	-21.4%	28.1%	11.1%	12.0%	30.0%	216.7%	-66.7%	-13.0%	65.4%	-12.7%	N/A
All Institutions	2004	64	4,030	339	82	135	63	65	126	192	110	98
	2005	50	4,122	339	123	114	94	52	95	239	110	73
	2006	61	4,040	347	124	124	82	48	82	191	107	96
	2007	61	4,090	333	121	119	91	38	88	245	99	63
	2008	43	4,091	340	99	125	85	37	89	239	108	79
	# Change 04-08	-21	61	1	17	-10	22	-28	-37	47	-2	-19
	% Change 04-08	-32.8%	1.5%	0.3%	20.7%	-7.4%	34.9%	-43.1%	-29.4%	24.5%	-1.8%	-19.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 70: Certificates Above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	1.3%	1.4%	0.2%	1.3%	1.4%	1.1%	0.4%	1.5%	0.5%	1.1%
	2005	0.5%	1.3%	1.2%	0.5%	1.1%	1.3%	0.8%	0.2%	1.7%	0.6%	0.8%
	2006	0.6%	1.2%	1.2%	0.4%	1.1%	1.0%	0.7%	0.2%	1.5%	0.6%	1.0%
	2007	0.6%	1.2%	1.2%	0.6%	1.1%	1.1%	0.6%	0.3%	1.4%	0.6%	0.6%
	2008	0.4%	1.2%	1.1%	0.4%	1.1%	1.0%	0.6%	0.3%	1.2%	0.5%	0.7%
Private Institutions	2004	0.1%	0.2%	0.1%	1.5%	0.1%	0.2%	0.1%	0.1%	2.5%	0.4%	0.0%
	2005	0.1%	0.3%	0.2%	2.0%	0.0%	0.4%	0.0%	0.2%	3.4%	0.4%	0.0%
	2006	0.1%	0.2%	0.2%	2.1%	0.1%	0.3%	0.0%	0.1%	2.1%	0.3%	0.0%
	2007	0.2%	0.2%	0.2%	2.0%	0.1%	0.3%	0.0%	0.1%	3.4%	0.2%	0.0%
	2008	0.1%	0.2%	0.2%	1.7%	0.1%	0.3%	0.0%	0.1%	3.5%	0.3%	0.0%
All Institutions	2004	0.3%	0.8%	0.6%	1.0%	0.5%	0.6%	0.6%	0.2%	1.8%	0.5%	0.9%
	2005	0.2%	0.8%	0.6%	1.4%	0.3%	0.7%	0.4%	0.2%	2.2%	0.4%	0.6%
	2006	0.2%	0.7%	0.6%	1.4%	0.4%	0.5%	0.4%	0.1%	1.7%	0.4%	0.7%
	2007	0.2%	0.7%	0.6%	1.4%	0.3%	0.5%	0.3%	0.1%	2.0%	0.4%	0.5%
	2008	0.2%	0.7%	0.6%	1.1%	0.3%	0.5%	0.3%	0.2%	1.9%	0.4%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 71: Number of Doctor's and First Professional Degrees in Agriculture and Natural Resources - Resident Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	629	44	5	21	20	14	8	31	8	19
	2005	21	633	43	2	23	16	8	2	30	10	20
	2006	6	648	52	2	25	21	13	8	27	8	14
	2007	12	655	53	8	21	12	5	5	24	13	14
	2008	9	677	69	4	26	19	7	3	36	8	12
	# Change 04-08	1	48	25	-1	5	-1	-7	-5	5	0	-7
	% Change 04-08	12.5%	7.6%	56.8%	-20.0%	23.8%	-5.0%	-50.0%	-62.5%	16.1%	0.0%	-36.8%
Private Institutions	2004	0	42	0	9	0	0	0	18	9	3	0
	2005	0	42	1	8	0	0	0	17	10	1	0
	2006	0	56	0	13	0	0	0	25	10	3	0
	2007	0	59	3	10	0	0	0	26	15	0	0
	2008	0	61	2	4	0	0	0	23	20	3	0
	# Change 04-08	0	19	2	-5	0	0	0	5	11	0	0
	% Change 04-08	N/A	45.2%	N/A	-55.6%	N/A	N/A	N/A	27.8%	122.2%	0.0%	N/A
All Institutions	2004	8	671	44	14	21	20	14	26	40	11	19
	2005	21	675	44	10	23	16	8	19	40	11	20
	2006	6	704	52	15	25	21	13	33	37	11	14
	2007	12	714	56	18	21	12	5	31	39	13	14
	2008	9	738	71	8	26	19	7	26	56	11	12
	# Change 04-08	1	67	27	-6	5	-1	-7	0	16	0	-7
	% Change 04-08	12.5%	10.0%	61.4%	-42.9%	23.8%	-5.0%	-50.0%	0.0%	40.0%	0.0%	-36.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 72: Doctor's and First Professional Degrees in Agriculture and Natural Resources as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 16)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.9%	1.1%	1.0%	1.0%	1.2%	1.8%	0.9%	0.4%	2.0%	0.3%	0.9%
	2005	5.0%	1.1%	1.0%	0.4%	1.2%	1.3%	0.5%	0.1%	1.9%	0.4%	0.9%
	2006	1.7%	1.1%	1.1%	0.3%	1.3%	1.7%	0.9%	0.4%	1.7%	0.3%	0.6%
	2007	2.8%	1.1%	1.1%	1.3%	1.0%	0.9%	0.3%	0.2%	1.4%	0.5%	0.6%
	2008	2.4%	1.1%	1.3%	0.7%	1.3%	1.5%	0.4%	0.1%	2.0%	0.3%	0.5%
Private Institutions	2004	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.2%	0.7%	0.1%	0.0%
	2005	0.0%	0.1%	0.0%	0.9%	0.0%	0.0%	0.0%	0.2%	0.7%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	1.4%	0.0%	0.0%	0.0%	0.3%	0.7%	0.1%	0.0%
	2007	0.0%	0.1%	0.0%	1.1%	0.0%	0.0%	0.0%	0.3%	1.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.5%	0.0%	0.0%	0.0%	0.2%	1.3%	0.1%	0.0%
All Institutions	2004	0.1%	0.6%	0.3%	1.0%	0.3%	0.8%	0.6%	0.2%	1.4%	0.2%	0.6%
	2005	0.3%	0.5%	0.3%	0.7%	0.4%	0.6%	0.3%	0.2%	1.3%	0.2%	0.5%
	2006	0.1%	0.6%	0.4%	1.0%	0.4%	0.7%	0.5%	0.3%	1.2%	0.2%	0.4%
	2007	0.2%	0.5%	0.4%	1.2%	0.3%	0.3%	0.2%	0.3%	1.2%	0.2%	0.4%
	2008	0.1%	0.5%	0.5%	0.6%	0.4%	0.5%	0.3%	0.2%	1.7%	0.1%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

In 2008, 0.7% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Agriculture and Natural Resources. This percentage was equal to the national average (0.7%) but higher than in six of the nine comparison states (North Carolina had the highest percentage at 2.1%). Among female students in Massachusetts, the percentage was 0.5%. This was higher than the national average among female students (0.4%) and higher than in four of the comparison states (Minnesota had the highest percentage among female students at 0.8%). Among male students in Massachusetts, the percentage was 1.1%. This was lower than the national average among male students (1.3%) but higher than in six of the comparison states (North Carolina had the highest percentage among male students at 4.2%). Among Asian students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Asian students (0.2%) and lower than in six of the comparison states (North Carolina had the highest percentage among Asian students at 0.6%). Among Black students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Black students (0.3%) and lower than in five of the comparison states (California and North Carolina had the highest percentage among Black students at 1.3%). Among Hispanic students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Hispanic students (0.2%) and lower than in five of the comparison states (North Carolina had the highest percentage among Hispanic students at 0.9%). Among White students in Massachusetts, the percentage was 1.0%. This was lower than the national average among White students (1.1%) but higher than in four of the comparison states (North Carolina had the highest percentage among White students at 2.5%).

In 2008, female students earned 48.0% of the Associate's Degrees and Certificates below Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 34.7% for degrees earned by female students and higher than the percentage in seven of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 69.0%). Male students earned 52.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 65.3% for degrees earned by male students and lower than the percentage in seven of the comparison states (North Carolina had the highest percentage of degrees earned by male students at 82.8%). Asian students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 1.1% for degrees earned by Asian students and lower than the percentage in seven of the comparison states (New Jersey had the highest percentage of degrees earned by Asian students at 3.4%). Black students earned 0.7% of the Associate's Degrees and Certificates below Bachelor's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 5.9% for degrees earned by Black students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Black students at 17.0%). Hispanic students earned 0.7% of the Associate's Degrees and Certificates below Bachelor's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 4.9% for degrees earned by Hispanic students and lower than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 14.5%). White students earned 88.8% of the Associate's Degrees and Certificates below Bachelor's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 82.8% for degrees earned by White students and higher than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 96.5%).

In 2008, 0.7% of all Bachelor's degrees granted in Massachusetts were in Agriculture and Natural Resources. This percentage was lower than the national average (1.5%) and lower than the percentage in eight of the nine comparison states (California, Minnesota, and North Carolina had the highest percentage at 1.5%). Among female students in Massachusetts, the percentage was 0.6%. This was lower than the national average among female students (1.3%) and lower than in all of the comparison states (California had the highest percentage among female students at 1.5%). Among



male students in Massachusetts, the percentage was 0.9%. This was lower than the national average among male students (1.8%) and lower than in eight of the comparison states (North Carolina had the highest percentage among male students at 2.0%). Among Asian students in Massachusetts, the percentage was 0.5%. This was lower than the national average among Asian students (0.8%) and lower than in five of the comparison states (California had the highest percentage among Asian students at 1.2%). Among Black students in Massachusetts, the percentage was 0.3%. This was lower than the national average among Black students (0.5%) and lower than in three of the comparison states (California had the highest percentage among Black students at 0.6%). Among Hispanic students in Massachusetts, the percentage was 0.2%. This was lower than the national average among Hispanic students (0.9%) and lower than in all of the comparison states (Minnesota and Pennsylvania had the highest percentage among Hispanic students at 0.9%). Among White students in Massachusetts, the percentage was 0.9%. This was lower than the national average among White students (1.8%) and lower than in all of the comparison states (California had the highest percentage among White students at 2.1%).

In 2008, female students earned 49.6% of the Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 47.9% for degrees earned by female students but lower than the percentage in five of the nine comparison states (New Jersey had the highest percentage of degrees earned by female students at 64.8%). Male students earned 50.4% of the Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 52.1% for degrees earned by male students but higher than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by male students at 55.2%). Asian students earned 4.5% of the Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 3.6% for degrees earned by Asian students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Asian students at 16.9%). Black students earned 2.5% of the Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 2.9% for degrees earned by Black students and lower than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 6.8%). Hispanic students earned 1.5% of the Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 5.0% for degrees earned by Hispanic students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 9.9%). White students earned 82.4% of the Bachelor's degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 81.9% for degrees earned by White students but lower than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 91.8%).

In 2008, 0.2% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Agriculture and Natural Resources. This percentage was lower than the national average (0.7%) and lower than the percentage in eight of the nine comparison states (North Carolina had the highest percentage at 1.8%). Among female students in Massachusetts, the percentage was 0.2%. This was lower than the national average among female students (0.6%) and lower than in eight of the comparison states (North Carolina had the highest percentage among female students at 1.9%). Among male students in Massachusetts, the percentage was 0.2%. This was lower than the national average among male students (0.8%) and lower than in eight of the comparison states (Connecticut and North Carolina had the highest percentage among male students at 1.6%). Among Asian students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Asian students (0.3%) and lower than in six of the comparison states (North Carolina had the highest percentage among Asian students at 1.8%). Among Black students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Black students (0.2%) and lower than in eight of the comparison states (Connecticut and North Carolina had the highest percentage among Black students at 0.7%). Among Hispanic students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Hispanic students (0.4%) and lower than in six of the comparison states (North Carolina had the highest percentage among Hispanic



students at 1.6%). Among White students in Massachusetts, the percentage was 0.2%. This was lower than the national average among White students (0.9%) and lower than in eight of the comparison states (North Carolina had the highest percentage among White students at 2.2%).

In 2008, female students earned 64.8% of the Certificates above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 53.3% for degrees earned by female students and higher than the percentage in eight of the nine comparison states (Illinois had the highest percentage of degrees earned by female students at 65.2%). Male students earned 35.2% of the Certificates above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 46.7% for degrees earned by male students and lower than the percentage in eight of the comparison states (New Jersey had the highest percentage of degrees earned by male students at 55.7%). Asian students earned 1.9% of the Certificates above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 2.2% for degrees earned by Asian students and lower than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Asian students at 6.6%). Black students earned 0.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 2.4% for degrees earned by Black students and lower than the percentage in all of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 5.3%). Hispanic students earned 0.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 3.5% for degrees earned by Hispanic students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 5.6%). White students earned 59.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 70.2% for degrees earned by White students and lower than the percentage in six of the comparison states (Virginia had the highest percentage of degrees earned by White students at 85.5%).

In 2008, 0.3% of all Doctor's and First Professional Degrees granted in Massachusetts were in Agriculture and Natural Resources. This percentage was lower than the national average (0.8%) and lower than the percentage in eight of the nine comparison states (North Carolina had the highest percentage at 1.8%). Among female students in Massachusetts, the percentage was 0.2%. This was lower than the national average among female students (0.7%) and lower than in all of the comparison states (North Carolina had the highest percentage among female students at 1.5%). Among male students in Massachusetts, the percentage was 0.4%. This was lower than the national average among male students (1.0%) and lower than in eight of the comparison states (North Carolina had the highest percentage among male students at 2.1%). Among Asian students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Asian students (0.3%) and lower than in seven of the comparison states (North Carolina had the highest percentage among Asian students at 1.3%). Among Black students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Black students (0.3%) and lower than in five of the comparison states (Connecticut had the highest percentage among Black students at 1.0%). Among Hispanic students in Massachusetts, the percentage was 0.4%. This was higher than the national average among Hispanic students (0.3%) and higher than in seven of the comparison states (North Carolina had the highest percentage among Hispanic students at 3.5%). Among White students in Massachusetts, the percentage was 0.2%. This was lower than the national average among White students (0.6%) and lower than in eight of the comparison states (North Carolina had the highest percentage among White students at 1.9%).

In 2008, female students earned 36.4% of the Doctor's and First Professional Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 41.0% for degrees earned by female students and lower than the percentage in eight of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 54.2%). Male



students earned 63.6% of the Doctor's and First Professional Degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 59.0% for degrees earned by male students and higher than the percentage in eight of the comparison states (Illinois had the highest percentage of degrees earned by male students at 71.7%). Asian students earned 0.0% of the Doctor's and First Professional Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 3.0% for degrees earned by Asian students and lower than the percentage in seven of the comparison states (Illinois had the highest percentage of degrees earned by Asian students at 10.9%). Black students earned 0.0% of the Doctor's and First Professional Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 2.2% for degrees earned by Black students and lower than the percentage in five of the comparison states (Connecticut had the highest percentage of degrees earned by Black students at 6.3%). Hispanic students earned 4.5% of the Doctor's and First Professional Degrees in Agriculture and Natural Resources granted in Massachusetts. This was higher than the national average of 1.6% for degrees earned by Hispanic students and higher than the percentage in seven of the comparison states (Minnesota had the highest percentage of degrees earned by Hispanic students at 6.5%). White students earned 31.8% of the Doctor's and First Professional Degrees in Agriculture and Natural Resources granted in Massachusetts. This was lower than the national average of 46.8% for degrees earned by White students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 70.8%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.

Indicator 17: Number of college students who complete degrees in Architecture

Table III - 73: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10	627	230	0	0	0	13	88	0	7	0
	2005	0	688	269	0	0	0	21	148	6	3	0
	2006	0	747	308	0	0	0	18	183	7	2	0
	2007	0	681	318	0	0	0	14	91	8	0	0
	2008	0	822	456	0	0	0	9	84	6	20	31
	# Change 04-08	-10	195	226	0	0	0	-4	-4	6	13	31
	% Change 04-08	-100.0%	31.1%	98.3%	N/A	N/A	N/A	-30.8%	-4.5%	N/A	185.7%	N/A
Private Institutions	2004	35	199	18	3	0	0	0	0	0	1	0
	2005	47	263	18	5	0	59	0	1	0	4	0
	2006	25	263	6	7	0	42	0	25	0	3	0
	2007	35	207	0	6	0	0	0	0	0	1	0
	2008	0	185	0	8	0	0	0	2	0	1	0
	# Change 04-08	-35	-14	-18	5	0	0	0	2	0	0	0
	% Change 04-08	-100.0%	-7.0%	-100.0%	166.7%	N/A	N/A	N/A	N/A	N/A	0.0%	N/A
All Institutions	2004	45	826	248	3	0	0	13	88	0	8	0
	2005	47	951	287	5	0	59	21	149	6	7	0
	2006	25	1,010	314	7	0	42	18	208	7	5	0
	2007	35	888	318	6	0	0	14	91	8	1	0
	2008	0	1,007	456	8	0	0	9	86	6	21	31
	# Change 04-08	-45	181	208	5	0	0	-4	-2	6	13	31
	% Change 04-08	-100.0%	21.9%	83.9%	166.7%	N/A	N/A	-30.8%	-2.3%	N/A	162.5%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 74: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.1%	0.2%
Private Institutions	2004	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.5%	0.1%	0.0%	0.1%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.3%	0.1%	0.0%	0.1%	0.0%	0.6%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.2%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.2%	0.1%	0.0%	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%
	2007	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 75: Number of Bachelor's Degrees in Architecture - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	69	6,759	695	8	320	183	109	216	167	147	236
	2005	75	7,058	685	20	268	176	120	287	158	160	216
	2006	74	7,286	742	20	308	187	113	274	164	172	205
	2007	71	7,395	838	14	362	170	135	237	164	181	216
	2008	102	7,299	760	18	292	175	128	249	181	163	207
	# Change 04-08	33	540	65	10	-28	-8	19	33	14	16	-29
	% Change 04-08	47.8%	8.0%	9.4%	125.0%	-8.8%	-4.4%	17.4%	15.3%	8.4%	10.9%	-12.3%
Private Institutions	2004	161	2,153	284	56	95	0	22	503	0	245	18
	2005	189	2,240	277	40	116	0	13	521	0	243	18
	2006	197	2,292	262	56	84	0	15	494	0	244	20
	2007	210	2,435	295	56	91	0	15	560	0	275	14
	2008	183	2,657	359	50	121	1	12	652	0	308	14
	# Change 04-08	22	504	75	-6	26	1	-10	149	0	63	-4
	% Change 04-08	13.7%	23.4%	26.4%	-10.7%	27.4%	N/A	-45.5%	29.6%	N/A	25.7%	-22.2%
All Institutions	2004	230	8,912	979	64	415	183	131	719	167	392	254
	2005	264	9,298	962	60	384	176	133	808	158	403	234
	2006	271	9,578	1,004	76	392	187	128	768	164	416	225
	2007	281	9,830	1,133	70	453	170	150	797	164	456	230
	2008	285	9,956	1,119	68	413	176	140	901	181	471	221
	# Change 04-08	55	1,044	140	4	-2	-7	9	182	14	79	-33
	% Change 04-08	23.9%	11.7%	14.3%	6.3%	-0.5%	-3.8%	6.9%	25.3%	8.4%	20.2%	-13.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 76: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.7%	0.6%	0.1%	1.0%	1.0%	0.5%	0.5%	0.6%	0.4%	0.8%
	2005	0.5%	0.7%	0.6%	0.2%	0.8%	0.9%	0.5%	0.6%	0.5%	0.4%	0.7%
	2006	0.5%	0.7%	0.6%	0.2%	0.9%	1.0%	0.5%	0.6%	0.6%	0.4%	0.7%
	2007	0.5%	0.7%	0.7%	0.1%	1.1%	0.9%	0.6%	0.5%	0.5%	0.4%	0.7%
	2008	0.7%	0.7%	0.6%	0.2%	0.8%	0.9%	0.5%	0.5%	0.6%	0.4%	0.6%
Private Institutions	2004	0.5%	0.4%	0.7%	0.6%	0.3%	0.0%	0.3%	0.7%	0.0%	0.6%	0.2%
	2005	0.5%	0.4%	0.7%	0.5%	0.3%	0.0%	0.1%	0.8%	0.0%	0.6%	0.2%
	2006	0.5%	0.4%	0.6%	0.6%	0.2%	0.0%	0.2%	0.7%	0.0%	0.6%	0.2%
	2007	0.6%	0.4%	0.7%	0.6%	0.2%	0.0%	0.2%	0.8%	0.0%	0.6%	0.1%
	2008	0.5%	0.4%	0.8%	0.5%	0.3%	0.0%	0.1%	0.9%	0.0%	0.7%	0.1%
All Institutions	2004	0.5%	0.6%	0.7%	0.4%	0.7%	0.6%	0.4%	0.6%	0.4%	0.5%	0.7%
	2005	0.5%	0.6%	0.6%	0.3%	0.6%	0.6%	0.4%	0.7%	0.4%	0.5%	0.6%
	2006	0.5%	0.6%	0.6%	0.4%	0.5%	0.6%	0.4%	0.7%	0.4%	0.5%	0.5%
	2007	0.5%	0.6%	0.7%	0.4%	0.6%	0.5%	0.5%	0.7%	0.4%	0.5%	0.5%
	2008	0.5%	0.6%	0.7%	0.3%	0.6%	0.5%	0.4%	0.7%	0.4%	0.5%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 77: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	34	3,466	403	0	238	67	57	98	75	33	179
	2005	29	3,561	385	0	220	95	60	133	96	18	173
	2006	31	3,751	411	0	211	96	72	162	105	19	175
	2007	22	3,871	362	0	230	124	80	120	92	24	152
	2008	33	3,880	359	0	248	143	82	133	101	26	178
	# Change 04-08	-1	414	-44	0	10	76	25	35	26	-7	-1
	% Change 04-08	-2.9%	11.9%	-10.9%	N/A	4.2%	113.4%	43.9%	35.7%	34.7%	-21.2%	-0.6%
Private Institutions	2004	440	2,063	240	75	46	0	29	538	0	211	0
	2005	486	2,206	292	63	54	0	21	555	0	200	0
	2006	414	2,094	283	68	58	0	22	559	0	193	0
	2007	439	2,209	264	78	73	0	21	649	0	215	0
	2008	543	2,405	288	82	63	0	24	636	0	252	14
	# Change 04-08	103	342	48	7	17	0	-5	98	0	41	14
	% Change 04-08	23.4%	16.6%	20.0%	9.3%	37.0%	N/A	-17.2%	18.2%	N/A	19.4%	N/A
All Institutions	2004	474	5,529	643	75	284	67	86	636	75	244	179
	2005	515	5,767	677	63	274	95	81	688	96	218	173
	2006	445	5,845	694	68	269	96	94	721	105	212	175
	2007	461	6,080	626	78	303	124	101	769	92	239	152
	2008	576	6,285	647	82	311	143	106	769	101	278	192
	# Change 04-08	102	756	4	7	27	76	20	133	26	34	13
	% Change 04-08	21.5%	13.7%	0.6%	9.3%	9.5%	113.4%	23.3%	20.9%	34.7%	13.9%	7.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 78: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.2%	1.5%	0.0%	2.0%	1.5%	0.8%	0.5%	0.9%	0.3%	1.8%
	2005	0.5%	1.2%	1.4%	0.0%	1.9%	1.9%	0.8%	0.7%	1.1%	0.2%	1.6%
	2006	0.6%	1.2%	1.4%	0.0%	1.8%	1.8%	1.0%	0.8%	1.2%	0.2%	1.6%
	2007	0.4%	1.2%	1.3%	0.0%	1.9%	2.3%	1.1%	0.6%	1.0%	0.2%	1.4%
	2008	0.6%	1.2%	1.2%	0.0%	2.0%	2.5%	1.1%	0.7%	1.0%	0.2%	1.5%
Private Institutions	2004	1.8%	0.7%	0.7%	1.3%	0.2%	0.0%	0.5%	1.1%	0.0%	1.2%	0.0%
	2005	2.0%	0.7%	0.9%	1.0%	0.2%	0.0%	0.3%	1.2%	0.0%	1.1%	0.0%
	2006	1.7%	0.6%	0.8%	1.1%	0.2%	0.0%	0.3%	1.1%	0.0%	1.0%	0.0%
	2007	1.8%	0.6%	0.7%	1.3%	0.3%	0.0%	0.3%	1.3%	0.0%	1.1%	0.0%
	2008	2.1%	0.7%	0.8%	1.3%	0.2%	0.0%	0.3%	1.3%	0.0%	1.2%	0.3%
All Institutions	2004	1.6%	0.9%	1.0%	0.8%	0.8%	0.5%	0.7%	0.9%	0.6%	0.9%	1.4%
	2005	1.7%	0.9%	1.1%	0.6%	0.7%	0.7%	0.6%	1.1%	0.8%	0.8%	1.3%
	2006	1.5%	0.9%	1.1%	0.7%	0.7%	0.6%	0.7%	1.0%	0.8%	0.7%	1.2%
	2007	1.5%	0.9%	1.0%	0.8%	0.8%	0.7%	0.7%	1.1%	0.7%	0.8%	1.0%
	2008	1.8%	0.9%	1.0%	0.8%	0.7%	0.7%	0.7%	1.1%	0.7%	0.9%	1.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 79: Number of Doctor's and First Professional Degrees in Architecture - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	109	35	0	6	0	2	0	6	0	5
	2005	0	110	32	0	2	0	4	0	7	0	5
	2006	2	133	29	0	6	0	6	0	8	0	7
	2007	0	120	30	0	6	0	3	0	6	0	11
	2008	1	135	24	0	9	0	7	0	10	0	9
	# Change 04-08	-1	26	-11	0	3	0	5	0	4	0	4
	% Change 04-08	-50.0%	23.9%	-31.4%	N/A	50.0%	N/A	250.0%	N/A	66.7%	N/A	80.0%
Private Institutions	2004	26	64	9	0	2	0	2	11	0	14	0
	2005	35	69	9	0	3	0	0	7	0	15	0
	2006	36	68	6	0	2	0	3	5	0	16	0
	2007	32	58	1	0	5	0	2	13	0	4	0
	2008	35	64	3	0	2	0	3	13	0	8	0
	# Change 04-08	9	0	-6	0	0	0	1	2	0	-6	0
	% Change 04-08	34.6%	0.0%	-66.7%	N/A	0.0%	N/A	50.0%	18.2%	N/A	-42.9%	N/A
All Institutions	2004	28	173	44	0	8	0	4	11	6	14	5
	2005	35	179	41	0	5	0	4	7	7	15	5
	2006	38	201	35	0	8	0	9	5	8	16	7
	2007	32	178	31	0	11	0	5	13	6	4	11
	2008	36	199	27	0	11	0	10	13	10	8	9
	# Change 04-08	8	26	-17	0	3	0	6	2	4	-6	4
	% Change 04-08	28.6%	15.0%	-38.6%	N/A	37.5%	N/A	150.0%	18.2%	66.7%	-42.9%	80.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 80: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.2%	0.7%	0.0%	0.3%	0.0%	0.1%	0.0%	0.3%	0.0%	0.2%
	2005	0.0%	0.2%	0.6%	0.0%	0.1%	0.0%	0.2%	0.0%	0.4%	0.0%	0.2%
	2006	0.4%	0.2%	0.5%	0.0%	0.2%	0.0%	0.3%	0.0%	0.4%	0.0%	0.3%
	2007	0.0%	0.2%	0.5%	0.0%	0.2%	0.0%	0.2%	0.0%	0.3%	0.0%	0.4%
	2008	0.2%	0.2%	0.4%	0.0%	0.3%	0.0%	0.3%	0.0%	0.5%	0.0%	0.3%
Private Institutions	2004	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.3%	0.0%
	2005	0.5%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%
	2006	0.5%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.3%	0.0%
	2007	0.4%	0.1%	0.0%	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%
	2008	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.0%
All Institutions	2004	0.4%	0.1%	0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%
	2005	0.5%	0.1%	0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.2%	0.1%
	2006	0.5%	0.1%	0.2%	0.0%	0.1%	0.0%	0.3%	0.0%	0.2%	0.2%	0.2%
	2007	0.4%	0.1%	0.2%	0.0%	0.1%	0.0%	0.2%	0.1%	0.2%	0.0%	0.3%
	2008	0.5%	0.1%	0.2%	0.0%	0.1%	0.0%	0.3%	0.1%	0.3%	0.1%	0.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 81: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	369	87	0	0	0	8	81	0	7	0
	2005	0	385	92	0	0	0	4	124	2	3	0
	2006	0	453	104	0	0	0	11	168	4	0	0
	2007	0	343	99	0	0	0	5	82	1	0	0
	2008	0	393	155	0	0	0	4	75	2	1	13
	# Change 04-08	-2	24	68	0	0	0	-4	-6	2	-6	13
	% Change 04-08	-100.0%	6.5%	78.2%	N/A	N/A	N/A	-50.0%	-7.4%	N/A	-85.7%	N/A
Private Institutions	2004	28	141	1	3	0	0	0	0	0	0	0
	2005	35	151	0	5	0	15	0	0	0	1	0
	2006	21	152	0	6	0	8	0	9	0	1	0
	2007	22	130	0	6	0	0	0	0	0	0	0
	2008	0	133	0	7	0	0	0	0	0	0	0
	# Change 04-08	-28	-8	-1	4	0	0	0	0	0	0	0
	% Change 04-08	-100.0%	-5.7%	-100.0%	133.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	30	510	88	3	0	0	8	81	0	7	0
	2005	35	536	92	5	0	15	4	124	2	4	0
	2006	21	605	104	6	0	8	11	177	4	1	0
	2007	22	473	99	6	0	0	5	82	1	0	0
	2008	0	526	155	7	0	0	4	75	2	1	13
	# Change 04-08	-30	16	67	4	0	0	-4	-6	2	-6	13
	% Change 04-08	-100.0%	3.1%	76.1%	133.3%	N/A	N/A	-50.0%	-7.4%	N/A	-85.7%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 82: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%
	2005	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.6%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%
Private Institutions	2004	0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.5%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.3%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2005	0.2%	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%
	2007	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 83: Number of Bachelor's Degrees in Architecture - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17	2,778	331	2	119	66	31	70	58	57	112
	2005	30	2,965	341	6	122	73	44	122	55	61	101
	2006	31	2,971	349	9	110	71	39	123	63	60	94
	2007	30	3,181	415	9	133	69	46	92	75	65	101
	2008	39	3,062	355	8	115	70	35	77	65	67	105
	# Change 04-08	22	284	24	6	-4	4	4	7	7	10	-7
	% Change 04-08	129.4%	10.2%	7.3%	300.0%	-3.4%	6.1%	12.9%	10.0%	12.1%	17.5%	-6.3%
Private Institutions	2004	91	1,042	128	35	43	0	17	228	0	134	10
	2005	90	1,093	124	21	73	0	8	241	0	120	4
	2006	96	1,164	109	37	42	0	7	252	0	137	10
	2007	105	1,205	142	35	41	0	9	254	0	158	8
	2008	95	1,247	132	29	58	0	4	298	0	166	8
	# Change 04-08	4	205	4	-6	15	0	-13	70	0	32	-2
	% Change 04-08	4.4%	19.7%	3.1%	-17.1%	34.9%	N/A	-76.5%	30.7%	N/A	23.9%	-20.0%
All Institutions	2004	108	3,820	459	37	162	66	48	298	58	191	122
	2005	120	4,058	465	27	195	73	52	363	55	181	105
	2006	127	4,135	458	46	152	71	46	375	63	197	104
	2007	135	4,386	557	44	174	69	55	346	75	223	109
	2008	134	4,309	487	37	173	70	39	375	65	233	113
	# Change 04-08	26	489	28	0	11	4	-9	77	7	42	-9
	% Change 04-08	24.1%	12.8%	6.1%	0.0%	6.8%	6.1%	-18.8%	25.8%	12.1%	22.0%	-7.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 84: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.5%	0.5%	0.0%	0.7%	0.6%	0.2%	0.3%	0.3%	0.3%	0.7%
	2005	0.3%	0.5%	0.5%	0.1%	0.7%	0.7%	0.3%	0.4%	0.3%	0.3%	0.6%
	2006	0.4%	0.5%	0.5%	0.2%	0.6%	0.6%	0.3%	0.4%	0.4%	0.3%	0.5%
	2007	0.3%	0.5%	0.6%	0.2%	0.7%	0.6%	0.3%	0.3%	0.4%	0.3%	0.6%
	2008	0.4%	0.5%	0.5%	0.1%	0.6%	0.6%	0.3%	0.3%	0.3%	0.3%	0.6%
Private Institutions	2004	0.4%	0.3%	0.6%	0.7%	0.2%	0.0%	0.3%	0.6%	0.0%	0.6%	0.2%
	2005	0.4%	0.3%	0.5%	0.4%	0.4%	0.0%	0.1%	0.6%	0.0%	0.5%	0.1%
	2006	0.4%	0.3%	0.5%	0.7%	0.2%	0.0%	0.1%	0.6%	0.0%	0.5%	0.2%
	2007	0.5%	0.3%	0.6%	0.6%	0.2%	0.0%	0.2%	0.6%	0.0%	0.6%	0.1%
	2008	0.4%	0.3%	0.5%	0.5%	0.2%	0.0%	0.1%	0.7%	0.0%	0.6%	0.1%
All Institutions	2004	0.4%	0.4%	0.5%	0.4%	0.5%	0.4%	0.3%	0.5%	0.2%	0.4%	0.6%
	2005	0.4%	0.5%	0.5%	0.3%	0.5%	0.4%	0.3%	0.5%	0.2%	0.4%	0.5%
	2006	0.4%	0.5%	0.5%	0.4%	0.4%	0.4%	0.2%	0.5%	0.2%	0.4%	0.4%
	2007	0.4%	0.5%	0.6%	0.4%	0.4%	0.4%	0.3%	0.5%	0.3%	0.5%	0.4%
	2008	0.4%	0.5%	0.5%	0.3%	0.4%	0.4%	0.2%	0.5%	0.2%	0.5%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 85: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20	1,561	211	0	100	34	23	44	39	15	89
	2005	15	1,563	200	0	99	43	28	38	42	4	85
	2006	11	1,672	207	0	98	43	26	66	54	8	93
	2007	13	1,705	187	0	105	48	32	59	45	10	69
	2008	22	1,790	185	0	126	68	36	60	62	12	91
	# Change 04-08	2	229	-26	0	26	34	13	16	23	-3	2
	% Change 04-08	10.0%	14.7%	-12.3%	N/A	26.0%	100.0%	56.5%	36.4%	59.0%	-20.0%	2.2%
Private Institutions	2004	190	864	83	32	14	0	11	226	0	97	0
	2005	235	983	116	22	18	0	7	257	0	103	0
	2006	187	962	113	27	21	0	8	261	0	108	0
	2007	205	1,007	95	32	23	0	7	320	0	119	0
	2008	264	1,155	113	33	30	0	14	308	0	137	7
	# Change 04-08	74	291	30	1	16	0	3	82	0	40	7
	% Change 04-08	38.9%	33.7%	36.1%	3.1%	114.3%	N/A	27.3%	36.3%	N/A	41.2%	N/A
All Institutions	2004	210	2,425	294	32	114	34	34	270	39	112	89
	2005	250	2,546	316	22	117	43	35	295	42	107	85
	2006	198	2,634	320	27	119	43	34	327	54	116	93
	2007	218	2,712	282	32	128	48	39	379	45	129	69
	2008	286	2,945	298	33	156	68	50	368	62	149	98
	# Change 04-08	76	520	4	1	42	34	16	98	23	37	9
	% Change 04-08	36.2%	21.4%	1.4%	3.1%	36.8%	100.0%	47.1%	36.3%	59.0%	33.0%	10.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 86: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	0.9%	1.4%	0.0%	1.4%	1.3%	0.5%	0.3%	0.8%	0.2%	1.5%
	2005	0.4%	0.8%	1.3%	0.0%	1.4%	1.5%	0.6%	0.3%	0.8%	0.1%	1.3%
	2006	0.3%	0.9%	1.3%	0.0%	1.4%	1.4%	0.6%	0.5%	1.0%	0.1%	1.4%
	2007	0.4%	0.9%	1.2%	0.0%	1.5%	1.5%	0.7%	0.5%	0.8%	0.2%	1.0%
	2008	0.6%	0.9%	1.1%	0.0%	1.7%	2.1%	0.8%	0.5%	1.0%	0.2%	1.3%
Private Institutions	2004	1.3%	0.5%	0.4%	1.0%	0.1%	0.0%	0.4%	0.8%	0.0%	1.0%	0.0%
	2005	1.7%	0.5%	0.6%	0.6%	0.1%	0.0%	0.2%	0.9%	0.0%	1.0%	0.0%
	2006	1.3%	0.5%	0.5%	0.7%	0.1%	0.0%	0.3%	0.9%	0.0%	1.0%	0.0%
	2007	1.4%	0.5%	0.5%	0.9%	0.1%	0.0%	0.2%	1.0%	0.0%	1.0%	0.0%
	2008	1.7%	0.5%	0.5%	0.9%	0.2%	0.0%	0.4%	1.0%	0.0%	1.1%	0.3%
All Institutions	2004	1.2%	0.7%	0.8%	0.6%	0.6%	0.4%	0.5%	0.6%	0.6%	0.7%	1.2%
	2005	1.4%	0.7%	0.9%	0.4%	0.5%	0.5%	0.5%	0.7%	0.6%	0.7%	1.0%
	2006	1.1%	0.7%	0.9%	0.4%	0.5%	0.4%	0.4%	0.8%	0.7%	0.7%	1.1%
	2007	1.2%	0.7%	0.8%	0.5%	0.6%	0.4%	0.5%	0.9%	0.6%	0.7%	0.8%
	2008	1.5%	0.7%	0.8%	0.5%	0.6%	0.5%	0.6%	0.8%	0.8%	0.8%	1.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 87: Number of Doctor's and First Professional Degrees in Architecture - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	49	16	0	4	0	0	0	5	0	3
	2005	0	45	13	0	0	0	2	0	2	0	3
	2006	1	59	16	0	1	0	3	0	3	0	5
	2007	0	51	10	0	2	0	1	0	4	0	5
	2008	0	65	11	0	4	0	4	0	4	0	7
	# Change 04-08	0	16	-5	0	0	0	4	0	-1	0	4
	% Change 04-08	N/A	32.7%	-31.3%	N/A	0.0%	N/A	N/A	N/A	-20.0%	N/A	133.3%
Private Institutions	2004	12	30	4	0	0	0	1	6	0	7	0
	2005	14	24	3	0	0	0	0	3	0	4	0
	2006	15	34	4	0	0	0	2	4	0	9	0
	2007	16	23	0	0	0	0	0	6	0	1	0
	2008	15	31	0	0	0	0	1	9	0	6	0
	# Change 04-08	3	1	-4	0	0	0	0	3	0	-1	0
	% Change 04-08	25.0%	3.3%	-100.0%	N/A	N/A	N/A	0.0%	50.0%	N/A	-14.3%	N/A
All Institutions	2004	12	79	20	0	4	0	1	6	5	7	3
	2005	14	69	16	0	0	0	2	3	2	4	3
	2006	16	93	20	0	1	0	5	4	3	9	5
	2007	16	74	10	0	2	0	1	6	4	1	5
	2008	15	96	11	0	4	0	5	9	4	6	7
	# Change 04-08	3	17	-9	0	0	0	4	3	-1	-1	4
	% Change 04-08	25.0%	21.5%	-45.0%	N/A	0.0%	N/A	400.0%	50.0%	-20.0%	-14.3%	133.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 88: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.2%	0.6%	0.0%	0.4%	0.0%	0.0%	0.0%	0.5%	0.0%	0.3%
	2005	0.0%	0.1%	0.5%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%	0.0%	0.3%
	2006	0.4%	0.2%	0.6%	0.0%	0.1%	0.0%	0.3%	0.0%	0.3%	0.0%	0.4%
	2007	0.0%	0.1%	0.3%	0.0%	0.2%	0.0%	0.1%	0.0%	0.4%	0.0%	0.4%
	2008	0.0%	0.2%	0.4%	0.0%	0.3%	0.0%	0.4%	0.0%	0.4%	0.0%	0.5%
Private Institutions	2004	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.3%	0.0%
	2005	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
	2006	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.3%	0.0%
	2007	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2008	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.2%	0.0%
All Institutions	2004	0.4%	0.1%	0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.3%	0.2%	0.2%
	2005	0.4%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%
	2006	0.4%	0.1%	0.3%	0.0%	0.0%	0.0%	0.4%	0.1%	0.2%	0.2%	0.3%
	2007	0.4%	0.1%	0.1%	0.0%	0.1%	0.0%	0.1%	0.1%	0.2%	0.0%	0.2%
	2008	0.4%	0.1%	0.1%	0.0%	0.1%	0.0%	0.3%	0.1%	0.2%	0.1%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 89: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	258	143	0	0	0	5	7	0	0	0
	2005	0	303	177	0	0	0	17	24	4	0	0
	2006	0	294	204	0	0	0	7	15	3	2	0
	2007	0	338	219	0	0	0	9	9	7	0	0
	2008	0	429	301	0	0	0	5	9	4	19	18
	# Change 04-08	-8	171	158	0	0	0	0	2	4	19	18
	% Change 04-08	-100.0%	66.3%	110.5%	N/A	N/A	N/A	0.0%	28.6%	N/A	N/A	N/A
Private Institutions	2004	7	58	17	0	0	0	0	0	0	1	0
	2005	12	112	18	0	0	44	0	1	0	3	0
	2006	4	111	6	1	0	34	0	16	0	2	0
	2007	13	77	0	0	0	0	0	0	0	1	0
	2008	0	52	0	1	0	0	0	2	0	1	0
	# Change 04-08	-7	-6	-17	1	0	0	0	2	0	0	0
	% Change 04-08	-100.0%	-10.3%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	0.0%	N/A
All Institutions	2004	15	316	160	0	0	0	5	7	0	1	0
	2005	12	415	195	0	0	44	17	25	4	3	0
	2006	4	405	210	1	0	34	7	31	3	4	0
	2007	13	415	219	0	0	0	9	9	7	1	0
	2008	0	481	301	1	0	0	5	11	4	20	18
	# Change 04-08	-15	165	141	1	0	0	0	4	4	19	18
	% Change 04-08	-100.0%	52.2%	88.1%	N/A	N/A	N/A	0.0%	57.1%	N/A	1,900.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 90: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
	2008	0.0%	0.1%	0.6%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.3%
Private Institutions	2004	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.5%	0.1%	0.1%	0.0%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.2%	0.1%	0.0%	0.0%	0.0%	1.9%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.2%	0.1%	0.3%	0.0%	0.0%	0.4%	0.2%	0.1%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.3%	0.0%	0.0%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%
	2007	0.2%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 91: Number of Bachelor's Degrees in Architecture - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	52	3,981	364	6	201	117	78	146	109	90	124
	2005	45	4,093	344	14	146	103	76	165	103	99	115
	2006	43	4,315	393	11	198	116	74	151	101	112	111
	2007	41	4,214	423	5	229	101	89	145	89	116	115
	2008	63	4,237	405	10	177	105	93	172	116	96	102
	# Change 04-08	11	256	41	4	-24	-12	15	26	7	6	-22
	% Change 04-08	21.2%	6.4%	11.3%	66.7%	-11.9%	-10.3%	19.2%	17.8%	6.4%	6.7%	-17.7%
Private Institutions	2004	70	1,111	156	21	52	0	5	275	0	111	8
	2005	99	1,147	153	19	43	0	5	280	0	123	14
	2006	101	1,128	153	19	42	0	8	242	0	107	10
	2007	105	1,230	153	21	50	0	6	306	0	117	6
	2008	88	1,410	227	21	63	1	8	354	0	142	6
	# Change 04-08	18	299	71	0	11	1	3	79	0	31	-2
	% Change 04-08	25.7%	26.9%	45.5%	0.0%	21.2%	N/A	60.0%	28.7%	N/A	27.9%	-25.0%
All Institutions	2004	122	5,092	520	27	253	117	83	421	109	201	132
	2005	144	5,240	497	33	189	103	81	445	103	222	129
	2006	144	5,443	546	30	240	116	82	393	101	219	121
	2007	146	5,444	576	26	279	101	95	451	89	233	121
	2008	151	5,647	632	31	240	106	101	526	116	238	108
	# Change 04-08	29	555	112	4	-13	-11	18	105	7	37	-24
	% Change 04-08	23.8%	10.9%	21.5%	14.8%	-5.1%	-9.4%	21.7%	24.9%	6.4%	18.4%	-18.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 92: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	1.0%	0.8%	0.2%	1.3%	1.5%	0.9%	0.8%	0.9%	0.5%	1.0%
	2005	0.7%	1.0%	0.7%	0.4%	1.0%	1.3%	0.8%	0.8%	0.8%	0.6%	0.9%
	2006	0.7%	1.0%	0.8%	0.3%	1.3%	1.4%	0.8%	0.7%	0.8%	0.6%	0.8%
	2007	0.6%	1.0%	0.8%	0.1%	1.4%	1.2%	0.9%	0.7%	0.7%	0.6%	0.9%
	2008	0.9%	0.9%	0.8%	0.2%	1.1%	1.2%	0.9%	0.8%	0.9%	0.5%	0.7%
Private Institutions	2004	0.5%	0.5%	0.9%	0.5%	0.4%	0.0%	0.1%	0.9%	0.0%	0.6%	0.2%
	2005	0.7%	0.5%	0.9%	0.5%	0.3%	0.0%	0.1%	0.9%	0.0%	0.7%	0.4%
	2006	0.7%	0.5%	0.9%	0.5%	0.3%	0.0%	0.2%	0.9%	0.0%	0.6%	0.2%
	2007	0.7%	0.5%	0.9%	0.5%	0.3%	0.0%	0.1%	1.0%	0.0%	0.6%	0.1%
	2008	0.6%	0.6%	1.2%	0.5%	0.4%	0.0%	0.2%	1.2%	0.0%	0.7%	0.1%
All Institutions	2004	0.6%	0.8%	0.8%	0.4%	0.9%	0.9%	0.6%	0.9%	0.6%	0.6%	0.8%
	2005	0.7%	0.8%	0.8%	0.4%	0.6%	0.8%	0.6%	0.9%	0.6%	0.6%	0.8%
	2006	0.7%	0.8%	0.8%	0.4%	0.8%	0.9%	0.6%	0.8%	0.6%	0.6%	0.7%
	2007	0.7%	0.8%	0.8%	0.3%	0.9%	0.7%	0.7%	0.9%	0.5%	0.6%	0.7%
	2008	0.7%	0.8%	0.9%	0.4%	0.8%	0.7%	0.7%	1.0%	0.6%	0.6%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 93: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14	1,905	192	0	138	33	34	54	36	18	90
	2005	14	1,998	185	0	121	52	32	95	54	14	88
	2006	20	2,079	204	0	113	53	46	96	51	11	82
	2007	9	2,166	175	0	125	76	48	61	47	14	83
	2008	11	2,090	174	0	122	75	46	73	39	14	87
	# Change 04-08	-3	185	-18	0	-16	42	12	19	3	-4	-3
	% Change 04-08	-21.4%	9.7%	-9.4%	N/A	-11.6%	127.3%	35.3%	35.2%	8.3%	-22.2%	-3.3%
Private Institutions	2004	250	1,199	157	43	32	0	18	312	0	114	0
	2005	251	1,223	176	41	36	0	14	298	0	97	0
	2006	227	1,132	170	41	37	0	14	298	0	85	0
	2007	234	1,202	169	46	50	0	14	329	0	96	0
	2008	279	1,250	175	49	33	0	10	328	0	115	7
	# Change 04-08	29	51	18	6	1	0	-8	16	0	1	7
	% Change 04-08	11.6%	4.3%	11.5%	14.0%	3.1%	N/A	-44.4%	5.1%	N/A	0.9%	N/A
All Institutions	2004	264	3,104	349	43	170	33	52	366	36	132	90
	2005	265	3,221	361	41	157	52	46	393	54	111	88
	2006	247	3,211	374	41	150	53	60	394	51	96	82
	2007	243	3,368	344	46	175	76	62	390	47	110	83
	2008	290	3,340	349	49	155	75	56	401	39	129	94
	# Change 04-08	26	236	0	6	-15	42	4	35	3	-3	4
	% Change 04-08	9.8%	7.6%	0.0%	14.0%	-8.8%	127.3%	7.7%	9.6%	8.3%	-2.3%	4.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 94: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	1.6%	1.8%	0.0%	2.8%	1.8%	1.3%	0.8%	1.1%	0.5%	2.2%
	2005	0.8%	1.6%	1.5%	0.0%	2.5%	2.6%	1.2%	1.4%	1.6%	0.4%	2.1%
	2006	1.2%	1.7%	1.6%	0.0%	2.3%	2.4%	1.8%	1.4%	1.5%	0.3%	1.8%
	2007	0.5%	1.8%	1.5%	0.0%	2.6%	3.6%	1.8%	0.9%	1.4%	0.4%	1.9%
	2008	0.5%	1.6%	1.3%	0.0%	2.3%	3.1%	1.7%	1.1%	1.0%	0.3%	1.8%
Private Institutions	2004	2.5%	1.0%	1.1%	1.6%	0.3%	0.0%	0.6%	1.7%	0.0%	1.5%	0.0%
	2005	2.5%	1.0%	1.2%	1.5%	0.3%	0.0%	0.5%	1.6%	0.0%	1.2%	0.0%
	2006	2.3%	0.9%	1.2%	1.6%	0.3%	0.0%	0.4%	1.6%	0.0%	1.0%	0.0%
	2007	2.5%	0.9%	1.2%	1.8%	0.4%	0.0%	0.4%	1.7%	0.0%	1.1%	0.0%
	2008	2.7%	0.9%	1.2%	1.8%	0.3%	0.0%	0.3%	1.8%	0.0%	1.3%	0.4%
All Institutions	2004	2.3%	1.3%	1.4%	1.1%	1.1%	0.8%	0.9%	1.5%	0.7%	1.1%	1.8%
	2005	2.3%	1.3%	1.4%	1.0%	1.0%	1.1%	0.8%	1.6%	1.1%	0.9%	1.6%
	2006	2.1%	1.2%	1.4%	1.1%	0.9%	1.0%	1.0%	1.5%	1.0%	0.8%	1.4%
	2007	2.1%	1.3%	1.3%	1.2%	1.0%	1.4%	1.0%	1.5%	0.9%	0.9%	1.5%
	2008	2.4%	1.2%	1.2%	1.2%	0.9%	1.3%	0.9%	1.6%	0.7%	1.0%	1.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 95: Number of Doctor's and First Professional Degrees in Architecture - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	60	19	0	2	0	2	0	1	0	2
	2005	0	65	19	0	2	0	2	0	5	0	2
	2006	1	74	13	0	5	0	3	0	5	0	2
	2007	0	69	20	0	4	0	2	0	2	0	6
	2008	1	70	13	0	5	0	3	0	6	0	2
	# Change 04-08	-1	10	-6	0	3	0	1	0	5	0	0
	% Change 04-08	-50.0%	16.7%	-31.6%	N/A	150.0%	N/A	50.0%	N/A	500.0%	N/A	0.0%
Private Institutions	2004	14	34	5	0	2	0	1	5	0	7	0
	2005	21	45	6	0	3	0	0	4	0	11	0
	2006	21	34	2	0	2	0	1	1	0	7	0
	2007	16	35	1	0	5	0	2	7	0	3	0
	2008	20	33	3	0	2	0	2	4	0	2	0
	# Change 04-08	6	-1	-2	0	0	0	1	-1	0	-5	0
	% Change 04-08	42.9%	-2.9%	-40.0%	N/A	0.0%	N/A	100.0%	-20.0%	N/A	-71.4%	N/A
All Institutions	2004	16	94	24	0	4	0	3	5	1	7	2
	2005	21	110	25	0	5	0	2	4	5	11	2
	2006	22	108	15	0	7	0	4	1	5	7	2
	2007	16	104	21	0	9	0	4	7	2	3	6
	2008	21	103	16	0	7	0	5	4	6	2	2
	# Change 04-08	5	9	-8	0	3	0	2	-1	5	-5	0
	% Change 04-08	31.3%	9.6%	-33.3%	N/A	75.0%	N/A	66.7%	-20.0%	500.0%	-71.4%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 96: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	0.2%	0.7%	0.0%	0.2%	0.0%	0.2%	0.0%	0.1%	0.0%	0.2%
	2005	0.0%	0.2%	0.7%	0.0%	0.2%	0.0%	0.2%	0.0%	0.6%	0.0%	0.1%
	2006	0.4%	0.2%	0.4%	0.0%	0.4%	0.0%	0.3%	0.0%	0.5%	0.0%	0.1%
	2007	0.0%	0.2%	0.6%	0.0%	0.3%	0.0%	0.2%	0.0%	0.2%	0.0%	0.4%
	2008	0.4%	0.2%	0.4%	0.0%	0.4%	0.0%	0.3%	0.0%	0.6%	0.0%	0.1%
Private Institutions	2004	0.5%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	0.1%	0.0%	0.3%	0.0%
	2005	0.7%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.5%	0.0%
	2006	0.6%	0.1%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.3%	0.0%
	2007	0.4%	0.1%	0.0%	0.0%	0.2%	0.0%	0.3%	0.1%	0.0%	0.1%	0.0%
	2008	0.6%	0.1%	0.1%	0.0%	0.1%	0.0%	0.3%	0.1%	0.0%	0.1%	0.0%
All Institutions	2004	0.5%	0.1%	0.3%	0.0%	0.1%	0.0%	0.2%	0.1%	0.1%	0.2%	0.1%
	2005	0.6%	0.2%	0.3%	0.0%	0.1%	0.0%	0.1%	0.1%	0.3%	0.3%	0.1%
	2006	0.6%	0.1%	0.2%	0.0%	0.2%	0.0%	0.3%	0.0%	0.3%	0.2%	0.1%
	2007	0.4%	0.1%	0.3%	0.0%	0.2%	0.0%	0.2%	0.1%	0.1%	0.1%	0.3%
	2008	0.6%	0.1%	0.2%	0.0%	0.2%	0.0%	0.3%	0.1%	0.3%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 97: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	28	23	0	0	0	2	0	0	0	0
	2005	0	63	31	0	0	0	0	16	0	0	0
	2006	0	63	39	0	0	0	0	19	1	0	0
	2007	0	55	34	0	0	0	1	5	0	0	0
	2008	0	88	67	0	0	0	0	0	0	0	4
	# Change 04-08	-1	60	44	0	0	0	-2	0	0	0	4
	% Change 04-08	-100.0%	214.3%	191.3%	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A	N/A
Private Institutions	2004	0	4	2	0	0	0	0	0	0	0	0
	2005	0	5	0	0	0	1	0	0	0	0	0
	2006	1	3	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-2	-2	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	32	25	0	0	0	2	0	0	0	0
	2005	0	68	31	0	0	1	0	16	0	0	0
	2006	1	66	39	0	0	0	0	19	1	0	0
	2007	0	56	34	0	0	0	1	5	0	0	0
	2008	0	90	67	0	0	0	0	0	0	0	4
	# Change 04-08	-1	58	42	0	0	0	-2	0	0	0	4
	% Change 04-08	-100.0%	181.3%	168.0%	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 98: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.8%	0.2%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%
	2008	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	0.0%	0.0%
	2007	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 99: Number of Bachelor's Degrees in Architecture - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	469	212	0	19	9	10	18	4	10	8
	2005	4	506	211	0	17	3	7	34	6	5	15
	2006	5	541	247	2	10	8	10	34	5	11	12
	2007	4	587	257	1	32	11	17	22	2	8	15
	2008	4	534	206	2	23	14	14	17	9	8	14
	# Change 04-08	4	65	-6	2	4	5	4	-1	5	-2	6
	% Change 04-08	N/A	13.9%	-2.8%	N/A	21.1%	55.6%	40.0%	-5.6%	125.0%	-20.0%	75.0%
Private Institutions	2004	16	204	46	4	11	0	6	57	0	23	0
	2005	21	221	64	3	11	0	4	52	0	21	0
	2006	22	220	53	6	7	0	4	56	0	18	0
	2007	20	238	70	7	9	0	3	62	0	15	0
	2008	18	245	64	5	18	0	0	68	0	18	0
	# Change 04-08	2	41	18	1	7	0	-6	11	0	-5	0
	% Change 04-08	12.5%	20.1%	39.1%	25.0%	63.6%	N/A	-100.0%	19.3%	N/A	-21.7%	N/A
All Institutions	2004	16	673	258	4	30	9	16	75	4	33	8
	2005	25	727	275	3	28	3	11	86	6	26	15
	2006	27	761	300	8	17	8	14	90	5	29	12
	2007	24	825	327	8	41	11	20	84	2	23	15
	2008	22	779	270	7	41	14	14	85	9	26	14
	# Change 04-08	6	106	12	3	11	5	-2	10	5	-7	6
	% Change 04-08	37.5%	15.8%	4.7%	75.0%	36.7%	55.6%	-12.5%	13.3%	125.0%	-21.2%	75.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 100: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.7%	0.8%	0.0%	0.8%	1.5%	0.4%	0.5%	0.4%	0.9%	0.5%
	2005	0.6%	0.7%	0.8%	0.0%	0.7%	0.4%	0.3%	0.8%	0.6%	0.4%	0.7%
	2006	0.7%	0.7%	0.9%	0.5%	0.4%	1.0%	0.4%	0.8%	0.5%	0.8%	0.5%
	2007	0.5%	0.8%	0.9%	0.2%	1.3%	1.3%	0.7%	0.5%	0.2%	0.6%	0.6%
	2008	0.5%	0.7%	0.7%	0.5%	0.9%	1.5%	0.5%	0.3%	0.8%	0.6%	0.6%
Private Institutions	2004	0.6%	0.7%	0.9%	0.9%	0.5%	0.0%	1.1%	1.1%	0.0%	1.0%	0.0%
	2005	0.7%	0.8%	1.2%	0.7%	0.5%	0.0%	0.7%	1.1%	0.0%	0.9%	0.0%
	2006	0.7%	0.7%	1.0%	1.3%	0.3%	0.0%	0.7%	1.1%	0.0%	0.7%	0.0%
	2007	0.7%	0.8%	1.2%	1.5%	0.4%	0.0%	0.6%	1.2%	0.0%	0.6%	0.0%
	2008	0.6%	0.8%	1.1%	1.0%	0.7%	0.0%	0.0%	1.3%	0.0%	0.7%	0.0%
All Institutions	2004	0.5%	0.7%	0.8%	0.5%	0.7%	0.9%	0.6%	0.8%	0.3%	0.9%	0.5%
	2005	0.7%	0.7%	0.8%	0.4%	0.6%	0.3%	0.4%	0.9%	0.5%	0.7%	0.6%
	2006	0.7%	0.7%	0.9%	0.9%	0.4%	0.7%	0.5%	0.9%	0.4%	0.8%	0.5%
	2007	0.6%	0.8%	1.0%	0.8%	0.9%	0.8%	0.6%	0.9%	0.1%	0.6%	0.6%
	2008	0.6%	0.7%	0.8%	0.7%	0.8%	0.9%	0.4%	0.8%	0.6%	0.7%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 101: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	156	47	0	10	2	2	0	1	0	6
	2005	0	165	51	0	7	1	5	4	2	0	4
	2006	2	187	47	0	12	3	7	7	4	1	9
	2007	0	164	58	0	17	3	1	3	2	1	2
	2008	0	160	44	0	10	4	3	3	4	0	7
	# Change 04-08	0	4	-3	0	0	2	1	3	3	0	1
	% Change 04-08	N/A	2.6%	-6.4%	N/A	0.0%	100.0%	50.0%	N/A	300.0%	N/A	16.7%
Private Institutions	2004	31	118	19	6	1	0	4	24	0	16	0
	2005	33	150	35	7	3	0	2	37	0	12	0
	2006	34	149	33	4	1	0	4	37	0	18	0
	2007	65	183	35	12	1	0	4	27	0	20	0
	2008	58	201	49	6	4	0	1	44	0	22	0
	# Change 04-08	27	83	30	0	3	0	-3	20	0	6	0
	% Change 04-08	87.1%	70.3%	157.9%	0.0%	300.0%	N/A	-75.0%	83.3%	N/A	37.5%	N/A
All Institutions	2004	31	274	66	6	11	2	6	24	1	16	6
	2005	33	315	86	7	10	1	7	41	2	12	4
	2006	36	336	80	4	13	3	11	44	4	19	9
	2007	65	347	93	12	18	3	5	30	2	21	2
	2008	58	361	93	6	14	4	4	47	4	22	7
	# Change 04-08	27	87	27	0	3	2	-2	23	3	6	1
	% Change 04-08	87.1%	31.8%	40.9%	0.0%	27.3%	100.0%	-33.3%	95.8%	300.0%	37.5%	16.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 102: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	1.2%	1.3%	0.0%	2.0%	1.5%	0.4%	0.0%	0.3%	0.0%	2.6%
	2005	0.0%	1.1%	1.3%	0.0%	1.3%	0.7%	0.9%	0.5%	0.6%	0.0%	0.8%
	2006	1.2%	1.2%	1.1%	0.0%	2.3%	1.6%	1.3%	0.8%	1.5%	0.3%	1.7%
	2007	0.0%	1.0%	1.3%	0.0%	2.8%	1.5%	0.2%	0.3%	0.7%	0.3%	0.3%
	2008	0.0%	1.0%	0.9%	0.0%	1.8%	1.6%	0.5%	0.3%	1.7%	0.0%	1.3%
Private Institutions	2004	2.5%	0.7%	0.5%	2.0%	0.1%	0.0%	1.2%	0.8%	0.0%	1.8%	0.0%
	2005	2.5%	0.9%	0.9%	2.4%	0.2%	0.0%	0.5%	1.3%	0.0%	1.2%	0.0%
	2006	2.5%	0.9%	0.8%	1.5%	0.1%	0.0%	1.1%	1.1%	0.0%	1.9%	0.0%
	2007	4.5%	1.0%	0.9%	4.1%	0.1%	0.0%	1.2%	0.9%	0.0%	2.0%	0.0%
	2008	3.9%	1.1%	1.2%	2.1%	0.2%	0.0%	0.2%	1.4%	0.0%	2.0%	0.0%
All Institutions	2004	2.2%	0.9%	0.9%	1.6%	0.6%	0.7%	0.7%	0.7%	0.2%	1.3%	1.9%
	2005	2.2%	1.0%	1.1%	1.8%	0.5%	0.3%	0.8%	1.1%	0.4%	0.9%	0.7%
	2006	2.3%	1.0%	1.0%	1.1%	0.6%	0.8%	1.2%	1.1%	0.7%	1.5%	1.4%
	2007	4.0%	1.0%	1.1%	3.2%	0.8%	0.7%	0.5%	0.7%	0.3%	1.6%	0.2%
	2008	3.4%	1.0%	1.1%	1.5%	0.6%	0.7%	0.4%	1.1%	0.7%	1.6%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 103: Number of Doctor's and First Professional Degrees in Architecture - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	7	4	0	0	0	0	0	0	0	0
	2005	0	14	3	0	0	0	0	0	0	0	0
	2006	0	11	1	0	1	0	0	0	0	0	0
	2007	0	6	1	0	2	0	0	0	0	0	0
	2008	0	21	4	0	0	0	2	0	0	0	0
	# Change 04-08	0	14	0	0	0	0	2	0	0	0	0
	% Change 04-08	N/A	200.0%	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	1	5	1	0	0	0	0	3	0	0	0
	2005	3	4	1	0	0	0	0	0	0	0	0
	2006	1	3	1	0	0	0	0	0	0	1	0
	2007	0	2	0	0	1	0	0	1	0	0	0
	2008	1	2	1	0	0	0	0	0	0	0	0
	# Change 04-08	0	-3	0	0	0	0	0	-3	0	0	0
	% Change 04-08	0.0%	-60.0%	0.0%	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A
All Institutions	2004	1	12	5	0	0	0	0	3	0	0	0
	2005	3	18	4	0	0	0	0	0	0	0	0
	2006	1	14	2	0	1	0	0	0	0	1	0
	2007	0	8	1	0	3	0	0	1	0	0	0
	2008	1	23	5	0	0	0	2	0	0	0	0
	# Change 04-08	0	11	0	0	0	0	2	-3	0	0	0
	% Change 04-08	0.0%	91.7%	0.0%	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 104: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.2%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.1%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2005	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2008	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2005	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2008	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 105: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Black Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	19	2	0	0	0	0	2	0	0	0
	2005	0	25	4	0	0	0	1	8	0	0	0
	2006	0	29	10	0	0	0	2	5	0	0	0
	2007	0	16	5	0	0	0	0	3	0	0	0
	2008	0	26	6	0	0	0	0	5	0	1	3
	# Change 04-08	0	7	4	0	0	0	0	3	0	1	3
	% Change 04-08	N/A	36.8%	200.0%	N/A	N/A	N/A	N/A	150.0%	N/A	N/A	N/A
Private Institutions	2004	1	36	3	0	0	0	0	0	0	0	0
	2005	1	28	3	0	0	2	0	0	0	0	0
	2006	0	35	1	0	0	2	0	1	0	0	0
	2007	0	40	0	0	0	0	0	0	0	0	0
	2008	0	42	0	0	0	0	0	0	0	0	0
	# Change 04-08	-1	6	-3	0	0	0	0	0	0	0	0
	% Change 04-08	-100.0%	16.7%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	55	5	0	0	0	0	2	0	0	0
	2005	1	53	7	0	0	2	1	8	0	0	0
	2006	0	64	11	0	0	2	2	6	0	0	0
	2007	0	56	5	0	0	0	0	3	0	0	0
	2008	0	68	6	0	0	0	0	5	0	1	3
	# Change 04-08	-1	13	1	0	0	0	0	3	0	1	3
	% Change 04-08	-100.0%	23.6%	20.0%	N/A	N/A	N/A	N/A	150.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 106: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%
Private Institutions	2004	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.1%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 107: Number of Bachelor's Degrees in Architecture - Black Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	253	16	0	12	4	4	21	10	4	13
	2005	1	274	11	0	14	2	5	35	9	6	9
	2006	3	296	16	0	15	1	10	10	9	6	10
	2007	0	314	19	0	15	5	5	28	14	10	15
	2008	0	338	13	0	11	1	5	19	11	4	11
	# Change 04-08	0	85	-3	0	-1	-3	1	-2	1	0	-2
	% Change 04-08	N/A	33.6%	-18.8%	N/A	-8.3%	-75.0%	25.0%	-9.5%	10.0%	0.0%	-15.4%
Private Institutions	2004	8	117	9	2	4	0	0	23	0	7	17
	2005	8	129	5	3	2	0	1	18	0	6	16
	2006	17	133	7	5	3	0	0	25	0	4	18
	2007	9	115	5	2	1	0	1	23	0	6	11
	2008	8	127	10	3	4	0	0	27	0	13	11
	# Change 04-08	0	10	1	1	0	0	0	4	0	6	-6
	% Change 04-08	0.0%	8.5%	11.1%	50.0%	0.0%	N/A	N/A	17.4%	N/A	85.7%	-35.3%
All Institutions	2004	8	370	25	2	16	4	4	44	10	11	30
	2005	9	403	16	3	16	2	6	53	9	12	25
	2006	20	429	23	5	18	1	10	35	9	10	28
	2007	9	429	24	2	16	5	6	51	14	16	26
	2008	8	465	23	3	15	1	5	46	11	17	22
	# Change 04-08	0	95	-2	1	-1	-3	1	2	1	6	-8
	% Change 04-08	0.0%	25.7%	-8.0%	50.0%	-6.3%	-75.0%	25.0%	4.5%	10.0%	54.5%	-26.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 108: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.3%	0.4%	0.0%	0.4%	1.1%	0.2%	0.4%	0.2%	0.1%	0.4%
	2005	0.2%	0.3%	0.3%	0.0%	0.4%	0.6%	0.2%	0.6%	0.2%	0.2%	0.2%
	2006	0.4%	0.4%	0.3%	0.0%	0.5%	0.2%	0.4%	0.2%	0.2%	0.2%	0.3%
	2007	0.0%	0.4%	0.4%	0.0%	0.5%	1.0%	0.2%	0.5%	0.2%	0.3%	0.4%
	2008	0.0%	0.4%	0.3%	0.0%	0.3%	0.2%	0.2%	0.3%	0.2%	0.1%	0.3%
Private Institutions	2004	0.4%	0.2%	0.4%	0.3%	0.1%	0.0%	0.0%	0.4%	0.0%	0.3%	1.0%
	2005	0.4%	0.3%	0.2%	0.5%	0.1%	0.0%	0.1%	0.3%	0.0%	0.3%	0.9%
	2006	0.9%	0.2%	0.3%	0.7%	0.1%	0.0%	0.0%	0.4%	0.0%	0.1%	0.9%
	2007	0.4%	0.2%	0.2%	0.3%	0.0%	0.0%	0.1%	0.4%	0.0%	0.2%	0.5%
	2008	0.4%	0.2%	0.4%	0.5%	0.1%	0.0%	0.0%	0.4%	0.0%	0.5%	0.5%
All Institutions	2004	0.3%	0.3%	0.4%	0.2%	0.3%	0.7%	0.1%	0.4%	0.1%	0.2%	0.6%
	2005	0.3%	0.3%	0.2%	0.3%	0.2%	0.3%	0.2%	0.4%	0.1%	0.2%	0.4%
	2006	0.7%	0.3%	0.3%	0.4%	0.3%	0.1%	0.3%	0.3%	0.1%	0.2%	0.5%
	2007	0.3%	0.3%	0.3%	0.1%	0.2%	0.6%	0.2%	0.4%	0.2%	0.3%	0.4%
	2008	0.3%	0.3%	0.3%	0.2%	0.2%	0.1%	0.1%	0.4%	0.1%	0.3%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 109: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Black Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	140	6	0	11	0	2	8	3	2	5
	2005	0	180	17	0	15	1	4	10	1	0	5
	2006	0	159	13	0	11	0	3	7	5	0	3
	2007	0	217	15	0	19	1	5	12	1	1	1
	2008	1	161	15	0	12	2	2	8	3	1	3
	# Change 04-08	0	21	9	0	1	2	0	0	0	-1	-2
	% Change 04-08	0.0%	15.0%	150.0%	N/A	9.1%	N/A	0.0%	0.0%	0.0%	-50.0%	-40.0%
Private Institutions	2004	19	60	5	1	0	0	0	13	0	11	0
	2005	15	58	6	1	1	0	0	16	0	10	0
	2006	9	52	7	0	1	0	0	16	0	4	0
	2007	12	52	9	0	1	0	0	8	0	8	0
	2008	16	70	8	1	2	0	0	11	0	15	10
	# Change 04-08	-3	10	3	0	2	0	0	-2	0	4	10
	% Change 04-08	-15.8%	16.7%	60.0%	0.0%	N/A	N/A	N/A	-15.4%	N/A	36.4%	N/A
All Institutions	2004	20	200	11	1	11	0	2	21	3	13	5
	2005	15	238	23	1	16	1	4	26	1	10	5
	2006	9	211	20	0	12	0	3	23	5	4	3
	2007	12	269	24	0	20	1	5	20	1	9	1
	2008	17	231	23	1	14	2	2	19	3	16	13
	# Change 04-08	-3	31	12	0	3	2	0	-2	0	3	8
	% Change 04-08	-15.0%	15.5%	109.1%	0.0%	27.3%	N/A	0.0%	-9.5%	0.0%	23.1%	160.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 110: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	0.6%	0.6%	0.0%	1.2%	0.0%	0.3%	0.5%	0.3%	0.2%	0.5%
	2005	0.0%	0.7%	1.4%	0.0%	1.5%	1.1%	0.7%	0.6%	0.1%	0.0%	0.5%
	2006	0.0%	0.6%	1.1%	0.0%	1.1%	0.0%	0.4%	0.4%	0.4%	0.0%	0.3%
	2007	0.0%	0.8%	1.2%	0.0%	1.7%	0.8%	0.7%	0.7%	0.1%	0.1%	0.1%
	2008	0.6%	0.6%	1.2%	0.0%	1.1%	1.2%	0.3%	0.5%	0.2%	0.1%	0.3%
Private Institutions	2004	1.4%	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.4%	0.0%	1.1%	0.0%
	2005	1.0%	0.2%	0.3%	0.3%	0.0%	0.0%	0.0%	0.5%	0.0%	0.9%	0.0%
	2006	0.6%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.3%	0.0%
	2007	0.8%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.6%	0.0%
	2008	1.0%	0.2%	0.4%	0.3%	0.1%	0.0%	0.0%	0.3%	0.0%	1.0%	1.3%
All Institutions	2004	1.3%	0.4%	0.4%	0.2%	0.4%	0.0%	0.2%	0.4%	0.2%	0.7%	0.3%
	2005	0.9%	0.5%	0.7%	0.2%	0.4%	0.2%	0.4%	0.5%	0.1%	0.6%	0.3%
	2006	0.5%	0.4%	0.6%	0.0%	0.3%	0.0%	0.3%	0.4%	0.3%	0.2%	0.2%
	2007	0.7%	0.4%	0.7%	0.0%	0.5%	0.1%	0.5%	0.4%	0.1%	0.4%	0.1%
	2008	0.9%	0.4%	0.7%	0.2%	0.3%	0.2%	0.2%	0.3%	0.2%	0.7%	0.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 111: Number of Doctor's and First Professional Degrees in Architecture - Black Students (MASSIP 2009 Indicator 17)													
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA	
Public Institutions	2004	0	3	0	0	0	0	1	0	0	0	0	
	2005	0	2	1	0	0	0	0	0	1	0	0	
	2006	0	2	0	0	0	0	0	0	0	0	1	
	2007	0	4	0	0	0	0	0	0	0	0	0	
	2008	0	7	0	0	0	0	0	0	0	0	0	
	# Change 04-08	0	4	0	0	0	0	0	-1	0	0	0	0
	% Change 04-08	N/A	133.3%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A	N/A
Private Institutions	2004	2	4	1	0	0	0	0	0	0	1	0	
	2005	1	2	1	0	0	0	0	0	0	0	0	
	2006	0	1	0	0	1	0	0	0	0	0	0	
	2007	0	0	0	0	0	0	0	0	0	0	0	
	2008	1	2	0	0	0	0	0	1	0	0	0	
	# Change 04-08	-1	-2	-1	0	0	0	0	1	0	-1	0	0
	% Change 04-08	-50.0%	-50.0%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A
All Institutions	2004	2	7	1	0	0	0	1	0	0	1	0	
	2005	1	4	2	0	0	0	0	0	1	0	0	
	2006	0	3	0	0	1	0	0	0	0	0	1	
	2007	0	4	0	0	0	0	0	0	0	0	0	
	2008	1	9	0	0	0	0	0	1	0	0	0	
	# Change 04-08	-1	2	-1	0	0	0	-1	1	0	-1	0	0
	% Change 04-08	-50.0%	28.6%	-100.0%	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 112: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 17)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%
	2007	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.8%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%
	2005	0.3%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
All Institutions	2004	0.7%	0.1%	0.2%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.2%	0.0%
	2005	0.3%	0.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 113: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	139	102	0	0	0	0	5	0	0	0
	2005	0	169	117	0	0	0	2	13	0	0	0
	2006	0	192	147	0	0	0	3	16	0	0	0
	2007	0	199	150	0	0	0	4	11	0	0	0
	2008	0	220	194	0	0	0	0	5	0	0	7
	# Change 04-08	0	81	92	0	0	0	0	0	0	0	7
	% Change 04-08	N/A	58.3%	90.2%	N/A	N/A	N/A	N/A	0.0%	N/A	N/A	N/A
Private Institutions	2004	0	38	4	1	0	0	0	0	0	0	0
	2005	0	37	7	0	0	2	0	0	0	0	0
	2006	0	46	4	0	0	1	0	2	0	0	0
	2007	0	36	0	0	0	0	0	0	0	0	0
	2008	0	58	0	1	0	0	0	0	0	0	0
	# Change 04-08	0	20	-4	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	52.6%	-100.0%	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	177	106	1	0	0	0	5	0	0	0
	2005	0	206	124	0	0	2	2	13	0	0	0
	2006	0	238	151	0	0	1	3	18	0	0	0
	2007	0	235	150	0	0	0	4	11	0	0	0
	2008	0	278	194	1	0	0	0	5	0	0	7
	# Change 04-08	0	101	88	0	0	0	0	0	0	0	7
	% Change 04-08	N/A	57.1%	83.0%	0.0%	N/A	N/A	N/A	0.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 114: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%
	2006	0.0%	0.2%	0.5%	0.0%	0.0%	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%
	2007	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	1.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.5%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.3%	0.0%	0.0%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 115: Number of Bachelor's Degrees in Architecture - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	508	97	0	29	5	11	26	5	5	8
	2005	3	585	112	1	15	1	14	37	1	3	8
	2006	1	635	116	1	25	4	10	24	2	2	12
	2007	2	751	152	0	28	4	20	33	6	6	7
	2008	5	790	149	1	21	2	12	31	7	2	12
	# Change 04-08	5	282	52	1	-8	-3	1	5	2	-3	4
	% Change 04-08	N/A	55.5%	53.6%	N/A	-27.6%	-60.0%	9.1%	19.2%	40.0%	-60.0%	50.0%
Private Institutions	2004	11	193	51	4	4	0	3	34	0	12	0
	2005	15	207	52	3	6	0	0	47	0	7	0
	2006	13	191	55	1	3	0	0	34	0	4	0
	2007	11	231	51	3	6	0	1	45	0	8	1
	2008	9	300	76	4	8	0	1	57	0	17	1
	# Change 04-08	-2	107	25	0	4	0	-2	23	0	5	1
	% Change 04-08	-18.2%	55.4%	49.0%	0.0%	100.0%	N/A	-66.7%	67.6%	N/A	41.7%	N/A
All Institutions	2004	11	701	148	4	33	5	14	60	5	17	8
	2005	18	792	164	4	21	1	14	84	1	10	8
	2006	14	826	171	2	28	4	10	58	2	6	12
	2007	13	982	203	3	34	4	21	78	6	14	8
	2008	14	1,090	225	5	29	2	13	88	7	19	13
	# Change 04-08	3	389	77	1	-4	-3	-1	28	2	2	5
	% Change 04-08	27.3%	55.5%	52.0%	25.0%	-12.1%	-60.0%	-7.1%	46.7%	40.0%	11.8%	62.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 116: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.7%	0.5%	0.0%	1.6%	2.4%	0.5%	0.6%	1.2%	0.7%	1.1%
	2005	0.7%	0.8%	0.6%	0.2%	0.8%	0.5%	0.6%	0.8%	0.2%	0.4%	1.0%
	2006	0.2%	0.8%	0.6%	0.2%	1.3%	1.7%	0.4%	0.5%	0.3%	0.2%	1.3%
	2007	0.4%	0.9%	0.7%	0.0%	1.4%	1.7%	0.8%	0.7%	0.9%	0.7%	0.7%
	2008	0.9%	0.9%	0.7%	0.2%	0.9%	0.6%	0.5%	0.6%	1.0%	0.2%	1.0%
Private Institutions	2004	0.6%	0.5%	0.9%	1.0%	0.2%	0.0%	0.4%	0.7%	0.0%	1.2%	0.0%
	2005	0.9%	0.5%	0.9%	0.6%	0.2%	0.0%	0.0%	0.9%	0.0%	0.7%	0.0%
	2006	0.7%	0.4%	0.9%	0.2%	0.1%	0.0%	0.0%	0.7%	0.0%	0.3%	0.0%
	2007	0.6%	0.5%	0.8%	0.5%	0.2%	0.0%	0.1%	0.8%	0.0%	0.7%	0.4%
	2008	0.4%	0.6%	1.1%	0.7%	0.3%	0.0%	0.1%	1.1%	0.0%	1.3%	0.3%
All Institutions	2004	0.5%	0.6%	0.6%	0.5%	0.8%	1.3%	0.5%	0.7%	0.7%	1.0%	0.9%
	2005	0.8%	0.7%	0.6%	0.4%	0.5%	0.2%	0.5%	0.8%	0.1%	0.6%	0.8%
	2006	0.6%	0.7%	0.6%	0.2%	0.6%	1.0%	0.3%	0.6%	0.2%	0.3%	1.0%
	2007	0.5%	0.8%	0.7%	0.3%	0.7%	0.9%	0.6%	0.8%	0.6%	0.7%	0.6%
	2008	0.5%	0.8%	0.8%	0.4%	0.5%	0.4%	0.4%	0.9%	0.7%	0.8%	0.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 117: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	228	60	0	7	0	4	2	1	0	6
	2005	0	179	37	0	9	1	1	3	3	0	6
	2006	1	225	43	0	12	1	2	4	3	1	5
	2007	0	286	33	0	15	1	3	7	2	0	6
	2008	0	267	43	0	16	4	2	3	0	1	3
	# Change 04-08	0	39	-17	0	9	4	-2	1	-1	1	-3
	% Change 04-08	N/A	17.1%	-28.3%	N/A	128.6%	N/A	-50.0%	50.0%	-100.0%	N/A	-50.0%
Private Institutions	2004	17	79	11	2	1	0	1	18	0	5	0
	2005	22	91	18	1	2	0	0	16	0	5	0
	2006	26	94	14	2	1	0	0	16	0	9	0
	2007	16	108	23	1	2	0	1	25	0	3	0
	2008	18	118	16	4	1	0	2	29	0	12	0
	# Change 04-08	1	39	5	2	0	0	1	11	0	7	0
	% Change 04-08	5.9%	49.4%	45.5%	100.0%	0.0%	N/A	100.0%	61.1%	N/A	140.0%	N/A
All Institutions	2004	17	307	71	2	8	0	5	20	1	5	6
	2005	22	270	55	1	11	1	1	19	3	5	6
	2006	27	319	57	2	13	1	2	20	3	10	5
	2007	16	394	56	1	17	1	4	32	2	3	6
	2008	18	385	59	4	17	4	4	32	0	13	3
	# Change 04-08	1	78	-12	2	9	4	-1	12	-1	8	-3
	% Change 04-08	5.9%	25.4%	-16.9%	100.0%	112.5%	N/A	-20.0%	60.0%	-100.0%	160.0%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 118: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	1.5%	2.2%	0.0%	1.7%	0.0%	1.1%	0.2%	0.8%	0.0%	1.5%
	2005	0.0%	1.1%	1.3%	0.0%	1.9%	1.6%	0.2%	0.3%	2.7%	0.0%	3.0%
	2006	0.5%	1.4%	1.3%	0.0%	2.6%	1.8%	0.4%	0.4%	2.5%	0.7%	2.0%
	2007	0.0%	1.7%	1.0%	0.0%	3.1%	1.4%	0.7%	0.6%	1.5%	0.0%	2.1%
	2008	0.0%	1.5%	1.1%	0.0%	3.2%	5.5%	0.4%	0.3%	0.0%	0.5%	1.1%
Private Institutions	2004	2.5%	0.5%	0.3%	1.2%	0.1%	0.0%	0.4%	0.5%	0.0%	1.7%	0.0%
	2005	3.0%	0.5%	0.5%	0.5%	0.2%	0.0%	0.0%	0.5%	0.0%	1.4%	0.0%
	2006	3.4%	0.5%	0.4%	1.2%	0.1%	0.0%	0.0%	0.7%	0.0%	2.6%	0.0%
	2007	2.0%	0.5%	0.6%	0.5%	0.2%	0.0%	0.4%	1.0%	0.0%	0.8%	0.0%
	2008	2.4%	0.5%	0.4%	2.0%	0.1%	0.0%	0.6%	1.1%	0.0%	2.7%	0.0%
All Institutions	2004	2.0%	1.0%	1.1%	0.7%	0.7%	0.0%	0.8%	0.4%	0.5%	1.2%	1.3%
	2005	2.4%	0.8%	0.8%	0.3%	0.7%	0.4%	0.1%	0.4%	1.6%	1.0%	2.1%
	2006	2.8%	0.9%	0.8%	0.7%	0.8%	0.3%	0.3%	0.6%	1.4%	2.0%	1.5%
	2007	1.7%	1.0%	0.8%	0.3%	1.0%	0.2%	0.6%	0.9%	0.8%	0.5%	1.5%
	2008	1.9%	1.0%	0.8%	1.2%	1.0%	0.9%	0.5%	0.8%	0.0%	2.0%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 119: Number of Doctor's and First Professional Degrees in Architecture - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA	
Public Institutions	2004	0	2	2	0	0	0	0	0	0	0	0	
	2005	0	5	2	0	0	0	0	0	0	0	1	
	2006	0	4	2	0	0	0	0	0	0	0	0	
	2007	0	7	3	0	0	0	0	0	0	0	0	
	2008	0	4	2	0	0	0	0	1	0	1	0	
	# Change 04-08	0	2	0	0	0	0	0	1	0	1	0	0
	% Change 04-08	N/A	100.0%	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	1	0	0	0	0	0	1	0	0	0	
	2005	0	0	0	0	0	0	0	0	0	0	0	
	2006	2	5	1	0	0	0	1	0	0	1	0	
	2007	0	1	1	0	0	0	0	0	0	0	0	
	2008	0	1	1	0	0	0	0	0	0	0	0	
	# Change 04-08	0	0	1	0	0	0	0	-1	0	0	0	0
	% Change 04-08	N/A	0.0%	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A
All Institutions	2004	0	3	2	0	0	0	0	1	0	0	0	
	2005	0	5	2	0	0	0	0	0	0	0	1	
	2006	2	9	3	0	0	0	1	0	0	1	0	
	2007	0	8	4	0	0	0	0	0	0	0	0	
	2008	0	5	3	0	0	0	1	0	1	0	0	
	# Change 04-08	0	2	1	0	0	0	1	-1	1	0	0	
	% Change 04-08	N/A	66.7%	50.0%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 120: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%
	2006	0.0%	0.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.2%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.6%	0.0%	0.0%	0.0%	0.8%	0.0%	2.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	1.0%	0.1%	0.2%	0.0%	0.0%	0.0%	2.2%	0.0%	0.0%	0.8%	0.0%
	2007	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%
	2006	0.9%	0.1%	0.3%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.5%	0.0%
	2007	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.6%	0.0%	1.2%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 121: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	369	73	0	0	0	9	67	0	7	0
	2005	0	358	91	0	0	0	14	88	6	3	0
	2006	0	379	80	0	0	0	9	109	6	2	0
	2007	0	350	95	0	0	0	8	60	7	0	0
	2008	0	391	138	0	0	0	6	64	6	18	11
	# Change 04-08	-8	22	65	0	0	0	-3	-3	6	11	11
	% Change 04-08	-100.0%	6.0%	89.0%	N/A	N/A	N/A	-33.3%	-4.5%	N/A	157.1%	N/A
Private Institutions	2004	2	83	7	1	0	0	0	0	0	0	0
	2005	6	138	3	5	0	51	0	1	0	4	0
	2006	6	124	1	6	0	39	0	12	0	2	0
	2007	12	76	0	6	0	0	0	0	0	1	0
	2008	0	75	0	7	0	0	0	1	0	1	0
	# Change 04-08	-2	-8	-7	6	0	0	0	1	0	1	0
	% Change 04-08	-100.0%	-9.6%	-100.0%	600.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	10	452	80	1	0	0	9	67	0	7	0
	2005	6	496	94	5	0	51	14	89	6	7	0
	2006	6	503	81	6	0	39	9	121	6	4	0
	2007	12	426	95	6	0	0	8	60	7	1	0
	2008	0	466	138	7	0	0	6	65	6	19	11
	# Change 04-08	-10	14	58	6	0	0	-3	-2	6	12	11
	% Change 04-08	-100.0%	3.1%	72.5%	600.0%	N/A	N/A	-33.3%	-3.0%	N/A	171.4%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 122: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.1%	0.1%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.1%	0.1%	0.0%	0.1%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.0%	0.1%	0.0%	0.9%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.1%	0.1%	0.0%	0.2%	0.1%	0.3%	0.0%	0.0%	0.0%
	2007	0.1%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 123: Number of Bachelor's Degrees in Architecture - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	54	4,975	244	8	232	159	72	122	146	118	193
	2005	57	5,124	234	19	203	162	84	140	137	134	171
	2006	55	5,262	257	16	241	166	59	171	142	136	158
	2007	53	5,179	306	13	271	145	75	127	142	146	160
	2008	85	5,072	285	14	218	154	80	154	152	136	159
	# Change 04-08	31	97	41	6	-14	-5	8	32	6	18	-34
	% Change 04-08	57.4%	1.9%	16.8%	75.0%	-6.0%	-3.1%	11.1%	26.2%	4.1%	15.3%	-17.6%
Private Institutions	2004	97	1,335	137	36	58	0	11	304	0	174	1
	2005	105	1,317	119	23	70	0	8	307	0	184	2
	2006	125	1,383	104	37	51	0	11	282	0	189	2
	2007	120	1,432	126	40	55	0	8	315	0	222	2
	2008	116	1,539	152	32	69	1	8	379	0	230	2
	# Change 04-08	19	204	15	-4	11	1	-3	75	0	56	1
	% Change 04-08	19.6%	15.3%	10.9%	-11.1%	19.0%	N/A	-27.3%	24.7%	N/A	32.2%	100.0%
All Institutions	2004	151	6,310	381	44	290	159	83	426	146	292	194
	2005	162	6,441	353	42	273	162	92	447	137	318	173
	2006	180	6,645	361	53	292	166	70	453	142	325	160
	2007	173	6,611	432	53	326	145	83	442	142	368	162
	2008	201	6,611	437	46	287	155	88	533	152	366	161
	# Change 04-08	50	301	56	2	-3	-4	5	107	6	74	-33
	% Change 04-08	33.1%	4.8%	14.7%	4.5%	-1.0%	-2.5%	6.0%	25.1%	4.1%	25.3%	-17.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 124: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.8%	0.6%	0.1%	1.0%	1.1%	0.5%	0.4%	0.7%	0.4%	0.9%
	2005	0.5%	0.8%	0.5%	0.3%	0.9%	1.1%	0.6%	0.5%	0.6%	0.4%	0.8%
	2006	0.5%	0.8%	0.6%	0.2%	1.0%	1.1%	0.4%	0.6%	0.7%	0.4%	0.7%
	2007	0.5%	0.7%	0.7%	0.2%	1.1%	0.9%	0.5%	0.4%	0.6%	0.4%	0.7%
	2008	0.7%	0.7%	0.6%	0.2%	0.9%	0.9%	0.5%	0.5%	0.7%	0.4%	0.7%
Private Institutions	2004	0.4%	0.4%	0.7%	0.5%	0.3%	0.0%	0.2%	0.7%	0.0%	0.5%	0.0%
	2005	0.5%	0.4%	0.6%	0.4%	0.3%	0.0%	0.1%	0.7%	0.0%	0.6%	0.0%
	2006	0.5%	0.4%	0.5%	0.6%	0.2%	0.0%	0.2%	0.7%	0.0%	0.6%	0.0%
	2007	0.5%	0.4%	0.6%	0.6%	0.2%	0.0%	0.1%	0.7%	0.0%	0.6%	0.0%
	2008	0.5%	0.4%	0.7%	0.5%	0.3%	0.0%	0.1%	0.8%	0.0%	0.7%	0.0%
All Institutions	2004	0.5%	0.6%	0.6%	0.3%	0.7%	0.7%	0.4%	0.6%	0.5%	0.4%	0.7%
	2005	0.5%	0.6%	0.6%	0.3%	0.6%	0.7%	0.5%	0.6%	0.4%	0.5%	0.6%
	2006	0.5%	0.6%	0.6%	0.4%	0.6%	0.7%	0.3%	0.6%	0.5%	0.5%	0.6%
	2007	0.5%	0.6%	0.7%	0.4%	0.6%	0.5%	0.4%	0.6%	0.5%	0.5%	0.6%
	2008	0.6%	0.6%	0.6%	0.3%	0.6%	0.6%	0.4%	0.7%	0.5%	0.5%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 125: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	22	2,135	182	0	138	48	35	61	66	18	124
	2005	24	2,293	189	0	141	73	28	77	78	16	118
	2006	18	2,442	209	0	142	79	36	95	87	16	111
	2007	12	2,487	171	0	147	108	49	74	77	17	110
	2008	24	2,584	167	0	161	127	41	78	84	20	124
	# Change 04-08	2	449	-15	0	23	79	6	17	18	2	0
	% Change 04-08	9.1%	21.0%	-8.2%	N/A	16.7%	164.6%	17.1%	27.9%	27.3%	11.1%	0.0%
Private Institutions	2004	183	882	93	45	23	0	13	138	0	94	0
	2005	215	1,027	131	39	23	0	15	133	0	121	0
	2006	169	960	139	50	32	0	13	134	0	102	0
	2007	171	955	114	44	41	0	6	173	0	128	0
	2008	218	1,032	139	53	27	0	8	158	0	141	4
	# Change 04-08	35	150	46	8	4	0	-5	20	0	47	4
	% Change 04-08	19.1%	17.0%	49.5%	17.8%	17.4%	N/A	-38.5%	14.5%	N/A	50.0%	N/A
All Institutions	2004	205	3,017	275	45	161	48	48	199	66	112	124
	2005	239	3,320	320	39	164	73	43	210	78	137	118
	2006	187	3,402	348	50	174	79	49	229	87	118	111
	2007	183	3,442	285	44	188	108	55	247	77	145	110
	2008	242	3,616	306	53	188	127	49	236	84	161	128
	# Change 04-08	37	599	31	8	27	79	1	37	18	49	4
	% Change 04-08	18.0%	19.9%	11.3%	17.8%	16.8%	164.6%	2.1%	18.6%	27.3%	43.8%	3.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 126: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.1%	1.7%	0.0%	1.9%	1.8%	0.9%	0.5%	1.1%	0.2%	1.8%
	2005	0.6%	1.2%	1.6%	0.0%	1.9%	2.3%	0.7%	0.7%	1.3%	0.2%	1.6%
	2006	0.5%	1.2%	1.8%	0.0%	1.9%	2.3%	0.9%	0.8%	1.4%	0.2%	1.4%
	2007	0.3%	1.3%	1.6%	0.0%	2.0%	2.9%	1.2%	0.6%	1.2%	0.2%	1.4%
	2008	0.6%	1.3%	1.3%	0.0%	2.1%	3.2%	1.0%	0.7%	1.3%	0.3%	1.5%
Private Institutions	2004	1.6%	0.5%	0.5%	1.2%	0.2%	0.0%	0.4%	0.6%	0.0%	0.9%	0.0%
	2005	1.8%	0.6%	0.8%	1.0%	0.1%	0.0%	0.5%	0.6%	0.0%	1.1%	0.0%
	2006	1.4%	0.5%	0.8%	1.3%	0.2%	0.0%	0.4%	0.6%	0.0%	0.8%	0.0%
	2007	1.5%	0.5%	0.7%	1.2%	0.3%	0.0%	0.2%	0.7%	0.0%	1.0%	0.0%
	2008	1.8%	0.5%	0.9%	1.5%	0.2%	0.0%	0.2%	0.7%	0.0%	1.0%	0.2%
All Institutions	2004	1.4%	0.9%	1.0%	0.8%	0.8%	0.6%	0.7%	0.6%	0.8%	0.6%	1.5%
	2005	1.6%	0.9%	1.2%	0.6%	0.7%	0.7%	0.6%	0.6%	0.9%	0.7%	1.3%
	2006	1.2%	0.9%	1.2%	0.8%	0.7%	0.7%	0.7%	0.6%	1.0%	0.6%	1.1%
	2007	1.2%	0.9%	1.0%	0.7%	0.8%	0.8%	0.7%	0.7%	0.9%	0.7%	1.1%
	2008	1.5%	0.9%	1.1%	0.8%	0.8%	0.9%	0.7%	0.7%	0.9%	0.8%	1.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 127: Number of Doctor's and First Professional Degrees in Architecture - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	44	15	0	0	0	1	0	3	0	3
	2005	0	36	12	0	0	0	1	0	5	0	3
	2006	0	39	16	0	0	0	5	0	1	0	2
	2007	0	41	11	0	3	0	2	0	3	0	7
	2008	0	43	9	0	2	0	2	0	4	0	5
	# Change 04-08	-1	-1	-6	0	2	0	1	0	1	0	2
	% Change 04-08	-100.0%	-2.3%	-40.0%	N/A	N/A	N/A	100.0%	N/A	33.3%	N/A	66.7%
Private Institutions	2004	9	20	2	0	1	0	0	3	0	5	0
	2005	11	23	3	0	0	0	0	5	0	4	0
	2006	8	15	0	0	0	0	0	2	0	5	0
	2007	10	19	0	0	1	0	2	5	0	1	0
	2008	9	15	0	0	0	0	1	4	0	1	0
	# Change 04-08	0	-5	-2	0	-1	0	1	1	0	-4	0
	% Change 04-08	0.0%	-25.0%	-100.0%	N/A	-100.0%	N/A	N/A	33.3%	N/A	-80.0%	N/A
All Institutions	2004	10	64	17	0	1	0	1	3	3	5	3
	2005	11	59	15	0	0	0	1	5	5	4	3
	2006	8	54	16	0	0	0	5	2	1	5	2
	2007	10	60	11	0	4	0	4	5	3	1	7
	2008	9	58	9	0	2	0	3	4	4	1	5
	# Change 04-08	-1	-6	-8	0	1	0	2	1	1	-4	2
	% Change 04-08	-10.0%	-9.4%	-47.1%	N/A	100.0%	N/A	200.0%	33.3%	33.3%	-80.0%	66.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 128: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	0.1%	0.6%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.2%
	2005	0.0%	0.1%	0.5%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	0.0%	0.2%
	2006	0.0%	0.1%	0.6%	0.0%	0.0%	0.0%	0.6%	0.0%	0.1%	0.0%	0.1%
	2007	0.0%	0.1%	0.4%	0.0%	0.2%	0.0%	0.2%	0.0%	0.2%	0.0%	0.4%
	2008	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%	0.2%	0.0%	0.3%	0.0%	0.3%
Private Institutions	2004	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
	2005	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2006	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2007	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%
	2008	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%
	2005	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.1%
	2006	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.1%
	2007	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.3%	0.1%	0.1%	0.0%	0.2%
	2008	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.2%	0.0%	0.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 129: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	33	10	0	0	0	2	9	0	0	0
	2005	0	23	9	0	0	0	2	2	0	0	0
	2006	0	28	8	0	0	0	4	6	0	0	0
	2007	0	22	10	0	0	0	1	6	0	0	0
	2008	0	32	12	0	0	0	1	7	0	0	1
	# Change 04-08	0	-1	2	0	0	0	-1	-2	0	0	1
	% Change 04-08	N/A	-3.0%	20.0%	N/A	N/A	N/A	-50.0%	-22.2%	N/A	N/A	N/A
Private Institutions	2004	2	6	2	1	0	0	0	0	0	0	0
	2005	4	9	3	0	0	0	0	0	0	0	0
	2006	3	4	0	1	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	1	0	0	0
	# Change 04-08	-2	-4	-2	-1	0	0	0	1	0	0	0
	% Change 04-08	-100.0%	-66.7%	-100.0%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	2	39	12	1	0	0	2	9	0	0	0
	2005	4	32	12	0	0	0	2	2	0	0	0
	2006	3	32	8	1	0	0	4	6	0	0	0
	2007	0	22	10	0	0	0	1	6	0	0	0
	2008	0	34	12	0	0	0	1	8	0	0	1
	# Change 04-08	-2	-5	0	-1	0	0	-1	-1	0	0	1
	% Change 04-08	-100.0%	-12.8%	0.0%	-100.0%	N/A	N/A	-50.0%	-11.1%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 130: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.8%	0.4%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%
	2008	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%	0.2%	0.4%	0.0%	0.0%	1.9%
Private Institutions	2004	1.7%	0.1%	0.2%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	2.3%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	2.3%	0.1%	0.0%	2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.4%	0.2%	0.2%	0.4%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%
	2005	0.6%	0.2%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%
	2006	0.9%	0.2%	0.2%	0.6%	0.0%	0.0%	0.7%	0.2%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	1.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 131: Number of Bachelor's Degrees in Architecture - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	243	27	0	15	2	5	22	1	5	9
	2005	1	256	26	0	13	4	2	30	5	5	8
	2006	4	221	25	0	8	3	3	14	5	6	8
	2007	1	209	27	0	3	4	5	15	0	7	9
	2008	1	212	22	0	9	1	4	22	0	6	5
	# Change 04-08	0	-31	-5	0	-6	-1	-1	0	-1	1	-4
	% Change 04-08	0.0%	-12.8%	-18.5%	N/A	-40.0%	-50.0%	-20.0%	0.0%	-100.0%	20.0%	-44.4%
Private Institutions	2004	9	186	35	5	9	0	2	53	0	11	0
	2005	8	204	30	2	14	0	0	61	0	12	0
	2006	6	185	30	4	15	0	0	56	0	11	0
	2007	10	204	32	0	11	0	1	61	0	8	0
	2008	6	210	26	2	17	0	3	59	0	14	0
	# Change 04-08	-3	24	-9	-3	8	0	1	6	0	3	0
	% Change 04-08	-33.3%	12.9%	-25.7%	-60.0%	88.9%	N/A	50.0%	11.3%	N/A	27.3%	N/A
All Institutions	2004	10	429	62	5	24	2	7	75	1	16	9
	2005	9	460	56	2	27	4	2	91	5	17	8
	2006	10	406	55	4	23	3	3	70	5	17	8
	2007	11	413	59	0	14	4	6	76	0	15	9
	2008	7	422	48	2	26	1	7	81	0	20	5
	# Change 04-08	-3	-7	-14	-3	2	-1	0	6	-1	4	-4
	% Change 04-08	-30.0%	-1.6%	-22.6%	-60.0%	8.3%	-50.0%	0.0%	8.0%	-100.0%	25.0%	-44.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 132: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	0.9%	0.7%	0.0%	2.6%	0.3%	0.7%	1.0%	0.2%	0.7%	1.1%
	2005	0.3%	0.9%	0.6%	0.0%	1.5%	0.6%	0.3%	1.3%	1.3%	0.6%	1.1%
	2006	1.1%	0.8%	0.6%	0.0%	1.0%	0.4%	0.4%	0.6%	1.1%	0.8%	1.1%
	2007	0.3%	0.8%	0.6%	0.0%	0.5%	0.6%	1.0%	0.6%	0.0%	1.1%	1.8%
	2008	0.4%	0.8%	0.6%	0.0%	1.4%	0.2%	0.7%	0.7%	0.0%	1.0%	0.8%
Private Institutions	2004	0.4%	0.9%	1.8%	1.1%	0.9%	0.0%	0.6%	1.7%	0.0%	0.7%	0.0%
	2005	0.4%	1.0%	1.4%	0.5%	1.3%	0.0%	0.0%	2.2%	0.0%	0.8%	0.0%
	2006	0.3%	0.8%	1.3%	0.9%	1.5%	0.0%	0.0%	2.1%	0.0%	0.8%	0.0%
	2007	0.5%	0.9%	1.4%	0.0%	1.2%	0.0%	0.3%	2.1%	0.0%	0.5%	0.0%
	2008	0.3%	1.0%	1.3%	0.5%	2.0%	0.0%	0.8%	2.1%	0.0%	0.9%	0.0%
All Institutions	2004	0.4%	0.9%	1.1%	0.9%	1.5%	0.2%	0.6%	1.4%	0.1%	0.7%	0.9%
	2005	0.4%	0.9%	0.9%	0.3%	1.4%	0.4%	0.2%	1.8%	0.8%	0.8%	0.8%
	2006	0.4%	0.8%	0.8%	0.7%	1.3%	0.3%	0.3%	1.4%	0.7%	0.8%	0.8%
	2007	0.4%	0.8%	0.9%	0.0%	0.9%	0.4%	0.7%	1.4%	0.0%	0.7%	1.2%
	2008	0.3%	0.9%	0.8%	0.4%	1.8%	0.1%	0.7%	1.4%	0.0%	0.9%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 133: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	642	69	0	60	9	10	24	3	13	28
	2005	4	546	37	0	46	15	18	34	7	2	27
	2006	8	501	43	0	28	9	19	33	4	1	29
	2007	7	471	43	0	27	7	14	19	5	5	24
	2008	4	440	41	0	41	3	25	31	3	4	28
	# Change 04-08	-4	-202	-28	0	-19	-6	15	7	0	-9	0
	% Change 04-08	-50.0%	-31.5%	-40.6%	N/A	-31.7%	-66.7%	150.0%	29.2%	0.0%	-69.2%	0.0%
Private Institutions	2004	146	628	92	18	18	0	11	170	0	80	0
	2005	157	550	74	12	21	0	4	162	0	47	0
	2006	123	503	65	8	20	0	5	161	0	59	0
	2007	109	486	54	20	20	0	8	172	0	47	0
	2008	150	526	40	15	23	0	8	176	0	46	0
	# Change 04-08	4	-102	-52	-3	5	0	-3	6	0	-34	0
	% Change 04-08	2.7%	-16.2%	-56.5%	-16.7%	27.8%	N/A	-27.3%	3.5%	N/A	-42.5%	N/A
All Institutions	2004	154	1,270	161	18	78	9	21	194	3	93	28
	2005	161	1,096	111	12	67	15	22	196	7	49	27
	2006	131	1,004	108	8	48	9	24	194	4	60	29
	2007	116	957	97	20	47	7	22	191	5	52	24
	2008	154	966	81	15	64	3	33	207	3	50	28
	# Change 04-08	0	-304	-80	-3	-14	-6	12	13	0	-43	0
	% Change 04-08	0.0%	-23.9%	-49.7%	-16.7%	-17.9%	-66.7%	57.1%	6.7%	0.0%	-46.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 134: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.5%	1.6%	0.0%	2.4%	1.2%	0.9%	1.0%	0.3%	1.1%	2.4%
	2005	0.8%	1.3%	0.9%	0.0%	2.1%	2.1%	1.8%	1.4%	1.0%	0.2%	2.4%
	2006	1.7%	1.3%	1.1%	0.0%	1.3%	1.4%	2.0%	1.4%	0.5%	0.1%	2.5%
	2007	1.3%	1.3%	1.2%	0.0%	1.4%	1.0%	1.7%	0.9%	0.6%	0.5%	3.2%
	2008	0.7%	1.1%	1.1%	0.0%	1.7%	0.4%	2.5%	1.3%	0.3%	0.4%	2.4%
Private Institutions	2004	3.4%	1.8%	2.1%	1.8%	0.5%	0.0%	1.5%	2.2%	0.0%	3.2%	0.0%
	2005	4.2%	1.5%	1.6%	1.1%	0.6%	0.0%	0.6%	2.2%	0.0%	2.3%	0.0%
	2006	3.3%	1.3%	1.5%	0.8%	0.6%	0.0%	0.6%	2.1%	0.0%	2.4%	0.0%
	2007	3.0%	1.3%	1.3%	2.2%	0.6%	0.0%	1.0%	2.1%	0.0%	1.9%	0.0%
	2008	3.7%	1.4%	0.9%	1.3%	0.7%	0.0%	0.8%	1.9%	0.0%	1.9%	0.0%
All Institutions	2004	3.1%	1.6%	1.8%	1.4%	1.3%	0.9%	1.2%	1.9%	0.3%	2.6%	2.1%
	2005	3.8%	1.4%	1.3%	0.9%	1.2%	1.5%	1.3%	2.0%	0.8%	1.5%	2.0%
	2006	3.1%	1.3%	1.3%	0.6%	0.9%	1.0%	1.3%	1.9%	0.4%	1.7%	2.1%
	2007	2.8%	1.3%	1.2%	1.7%	0.9%	0.8%	1.3%	1.8%	0.5%	1.5%	2.7%
	2008	3.3%	1.3%	1.0%	1.1%	1.1%	0.3%	1.6%	1.8%	0.3%	1.4%	2.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 135: Number of Doctor's and First Professional Degrees in Architecture - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	51	12	0	6	0	0	0	3	0	2
	2005	0	47	10	0	2	0	2	0	1	0	1
	2006	1	73	10	0	5	0	1	0	6	0	4
	2007	0	60	15	0	1	0	0	0	3	0	4
	2008	1	56	7	0	7	0	0	0	5	0	4
	# Change 04-08	0	5	-5	0	1	0	0	0	2	0	2
	% Change 04-08	0.0%	9.8%	-41.7%	N/A	16.7%	N/A	N/A	N/A	66.7%	N/A	100.0%
Private Institutions	2004	11	30	5	0	1	0	2	3	0	8	0
	2005	13	32	4	0	3	0	0	2	0	10	0
	2006	23	42	4	0	1	0	2	3	0	9	0
	2007	15	28	0	0	3	0	0	6	0	3	0
	2008	18	36	1	0	2	0	2	6	0	7	0
	# Change 04-08	7	6	-4	0	1	0	0	3	0	-1	0
	% Change 04-08	63.6%	20.0%	-80.0%	N/A	100.0%	N/A	0.0%	100.0%	N/A	-12.5%	N/A
All Institutions	2004	12	81	17	0	7	0	2	3	3	8	2
	2005	13	79	14	0	5	0	2	2	1	10	1
	2006	24	115	14	0	6	0	3	3	6	9	4
	2007	15	88	15	0	4	0	0	6	3	3	4
	2008	19	92	8	0	9	0	2	6	5	7	4
	# Change 04-08	7	11	-9	0	2	0	0	3	2	-1	2
	% Change 04-08	58.3%	13.6%	-52.9%	N/A	28.6%	N/A	0.0%	100.0%	66.7%	-12.5%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 136: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	0.6%	1.6%	0.0%	1.5%	0.0%	0.0%	0.0%	1.3%	0.0%	0.9%
	2005	0.0%	0.5%	1.1%	0.0%	0.4%	0.0%	0.8%	0.0%	0.4%	0.0%	0.3%
	2006	0.8%	0.6%	1.0%	0.0%	0.9%	0.0%	0.4%	0.0%	1.9%	0.0%	1.2%
	2007	0.0%	0.5%	1.3%	0.0%	0.3%	0.0%	0.0%	0.0%	0.9%	0.0%	1.3%
	2008	0.6%	0.4%	0.6%	0.0%	1.2%	0.0%	0.0%	0.0%	1.7%	0.0%	1.0%
Private Institutions	2004	1.4%	0.5%	0.6%	0.0%	0.2%	0.0%	1.1%	0.3%	0.0%	2.0%	0.0%
	2005	1.6%	0.5%	0.4%	0.0%	0.6%	0.0%	0.0%	0.2%	0.0%	1.9%	0.0%
	2006	2.5%	0.6%	0.4%	0.0%	0.2%	0.0%	0.9%	0.2%	0.0%	1.8%	0.0%
	2007	1.6%	0.4%	0.0%	0.0%	0.6%	0.0%	0.0%	0.5%	0.0%	0.6%	0.0%
	2008	1.9%	0.5%	0.1%	0.0%	0.4%	0.0%	1.1%	0.4%	0.0%	1.5%	0.0%
All Institutions	2004	1.3%	0.5%	1.0%	0.0%	0.8%	0.0%	0.5%	0.2%	1.2%	0.9%	0.8%
	2005	1.4%	0.5%	0.8%	0.0%	0.5%	0.0%	0.5%	0.1%	0.3%	1.0%	0.3%
	2006	2.3%	0.6%	0.7%	0.0%	0.6%	0.0%	0.6%	0.2%	1.8%	0.9%	1.1%
	2007	1.4%	0.5%	0.7%	0.0%	0.5%	0.0%	0.0%	0.3%	0.8%	0.3%	1.1%
	2008	1.7%	0.5%	0.4%	0.0%	0.8%	0.0%	0.4%	0.3%	1.5%	0.7%	1.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 137: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10	594	220	0	0	0	11	79	0	7	0
	2005	0	665	260	0	0	0	19	146	6	3	0
	2006	0	719	300	0	0	0	14	177	7	2	0
	2007	0	659	308	0	0	0	13	85	8	0	0
	2008	0	790	444	0	0	0	8	77	6	20	30
	# Change 04-08	-10	196	224	0	0	0	-3	-2	6	13	30
	% Change 04-08	-100.0%	33.0%	101.8%	N/A	N/A	N/A	-27.3%	-2.5%	N/A	185.7%	N/A
Private Institutions	2004	33	193	16	2	0	0	0	0	0	1	0
	2005	43	254	15	5	0	59	0	1	0	4	0
	2006	22	259	6	6	0	42	0	25	0	3	0
	2007	35	207	0	6	0	0	0	0	0	1	0
	2008	0	183	0	8	0	0	0	1	0	1	0
	# Change 04-08	-33	-10	-16	6	0	0	0	1	0	0	0
	% Change 04-08	-100.0%	-5.2%	-100.0%	300.0%	N/A	N/A	N/A	N/A	N/A	0.0%	N/A
All Institutions	2004	43	787	236	2	0	0	11	79	0	8	0
	2005	43	919	275	5	0	59	19	147	6	7	0
	2006	22	978	306	6	0	42	14	202	7	5	0
	2007	35	866	308	6	0	0	13	85	8	1	0
	2008	0	973	444	8	0	0	8	78	6	21	30
	# Change 04-08	-43	186	208	6	0	0	-3	-1	6	13	30
	% Change 04-08	-100.0%	23.6%	88.1%	300.0%	N/A	N/A	-27.3%	-1.3%	N/A	162.5%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 138: Associate's Degrees and Certificates Below Bachelor's Degrees in Architecture as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.2%
Private Institutions	2004	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.4%	0.1%	0.0%	0.1%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.2%	0.1%	0.0%	0.1%	0.0%	0.6%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.4%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.2%	0.1%	0.1%	0.0%	0.0%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%
	2006	0.1%	0.1%	0.2%	0.1%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%
	2007	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 139: Number of Bachelor's Degrees in Architecture - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	68	6,516	668	8	305	181	104	194	166	142	227
	2005	74	6,802	659	20	255	172	118	257	153	155	208
	2006	70	7,065	717	20	300	184	110	260	159	166	197
	2007	70	7,186	811	14	359	166	130	222	164	174	207
	2008	101	7,087	738	18	283	174	124	227	181	157	202
	# Change 04-08	33	571	70	10	-22	-7	20	33	15	15	-25
	% Change 04-08	48.5%	8.8%	10.5%	125.0%	-7.2%	-3.9%	19.2%	17.0%	9.0%	10.6%	-11.0%
Private Institutions	2004	152	1,967	249	51	86	0	20	450	0	234	18
	2005	181	2,036	247	38	102	0	13	460	0	231	18
	2006	191	2,107	232	52	69	0	15	438	0	233	20
	2007	200	2,231	263	56	80	0	14	499	0	267	14
	2008	177	2,447	333	48	104	1	9	593	0	294	14
	# Change 04-08	25	480	84	-3	18	1	-11	143	0	60	-4
	% Change 04-08	16.4%	24.4%	33.7%	-5.9%	20.9%	N/A	-55.0%	31.8%	N/A	25.6%	-22.2%
All Institutions	2004	220	8,483	917	59	391	181	124	644	166	376	245
	2005	255	8,838	906	58	357	172	131	717	153	386	226
	2006	261	9,172	949	72	369	184	125	698	159	399	217
	2007	270	9,417	1,074	70	439	166	144	721	164	441	221
	2008	278	9,534	1,071	66	387	175	133	820	181	451	216
	# Change 04-08	58	1,051	154	7	-4	-6	9	176	15	75	-29
	% Change 04-08	26.4%	12.4%	16.8%	11.9%	-1.0%	-3.3%	7.3%	27.3%	9.0%	19.9%	-11.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 140: Bachelor's Degrees in Architecture as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.7%	0.6%	0.1%	0.9%	1.0%	0.5%	0.5%	0.6%	0.4%	0.8%
	2005	0.5%	0.7%	0.6%	0.2%	0.8%	0.9%	0.5%	0.6%	0.5%	0.4%	0.7%
	2006	0.5%	0.7%	0.6%	0.2%	0.9%	1.0%	0.5%	0.6%	0.5%	0.4%	0.7%
	2007	0.5%	0.7%	0.7%	0.1%	1.1%	0.9%	0.6%	0.5%	0.5%	0.4%	0.7%
	2008	0.7%	0.7%	0.6%	0.2%	0.8%	0.9%	0.5%	0.5%	0.6%	0.4%	0.6%
Private Institutions	2004	0.5%	0.4%	0.7%	0.6%	0.3%	0.0%	0.2%	0.7%	0.0%	0.6%	0.2%
	2005	0.6%	0.4%	0.6%	0.4%	0.3%	0.0%	0.1%	0.7%	0.0%	0.6%	0.2%
	2006	0.6%	0.4%	0.6%	0.6%	0.2%	0.0%	0.2%	0.7%	0.0%	0.5%	0.2%
	2007	0.6%	0.4%	0.7%	0.6%	0.2%	0.0%	0.2%	0.7%	0.0%	0.6%	0.1%
	2008	0.5%	0.4%	0.8%	0.5%	0.3%	0.0%	0.1%	0.8%	0.0%	0.7%	0.1%
All Institutions	2004	0.5%	0.6%	0.6%	0.3%	0.6%	0.6%	0.4%	0.6%	0.4%	0.5%	0.7%
	2005	0.5%	0.6%	0.6%	0.3%	0.5%	0.6%	0.4%	0.6%	0.4%	0.5%	0.6%
	2006	0.5%	0.6%	0.6%	0.4%	0.5%	0.6%	0.4%	0.6%	0.4%	0.5%	0.5%
	2007	0.5%	0.6%	0.7%	0.4%	0.6%	0.5%	0.4%	0.6%	0.4%	0.5%	0.5%
	2008	0.5%	0.6%	0.7%	0.3%	0.5%	0.5%	0.4%	0.7%	0.4%	0.5%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 141: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Architecture - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	26	2,824	334	0	178	58	47	74	72	20	151
	2005	25	3,015	348	0	174	80	42	99	89	16	146
	2006	23	3,250	368	0	183	87	53	129	101	18	146
	2007	15	3,400	319	0	203	117	66	101	87	19	128
	2008	29	3,440	318	0	207	140	57	102	98	22	150
	# Change 04-08	3	616	-16	0	29	82	10	28	26	2	-1
	% Change 04-08	11.5%	21.8%	-4.8%	N/A	16.3%	141.4%	21.3%	37.8%	36.1%	10.0%	-0.7%
Private Institutions	2004	294	1,435	148	57	28	0	18	368	0	131	0
	2005	329	1,656	218	51	33	0	17	393	0	153	0
	2006	291	1,591	218	60	38	0	17	398	0	134	0
	2007	330	1,723	210	58	53	0	13	477	0	168	0
	2008	393	1,879	248	67	40	0	16	460	0	206	14
	# Change 04-08	99	444	100	10	12	0	-2	92	0	75	14
	% Change 04-08	33.7%	30.9%	67.6%	17.5%	42.9%	N/A	-11.1%	25.0%	N/A	57.3%	N/A
All Institutions	2004	320	4,259	482	57	206	58	65	442	72	151	151
	2005	354	4,671	566	51	207	80	59	492	89	169	146
	2006	314	4,841	586	60	221	87	70	527	101	152	146
	2007	345	5,123	529	58	256	117	79	578	87	187	128
	2008	422	5,319	566	67	247	140	73	562	98	228	164
	# Change 04-08	102	1,060	84	10	41	82	8	120	26	77	13
	% Change 04-08	31.9%	24.9%	17.4%	17.5%	19.9%	141.4%	12.3%	27.1%	36.1%	51.0%	8.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 142: Certificates Above Bachelor's Degrees and Master's Degrees in Architecture as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.1%	1.5%	0.0%	1.9%	1.6%	0.8%	0.4%	1.0%	0.2%	1.7%
	2005	0.5%	1.1%	1.5%	0.0%	1.8%	1.9%	0.7%	0.6%	1.1%	0.2%	1.5%
	2006	0.5%	1.2%	1.5%	0.0%	1.9%	1.9%	0.8%	0.8%	1.2%	0.2%	1.5%
	2007	0.3%	1.2%	1.3%	0.0%	2.1%	2.5%	1.0%	0.6%	1.0%	0.2%	1.2%
	2008	0.5%	1.2%	1.2%	0.0%	2.1%	2.9%	0.9%	0.6%	1.1%	0.2%	1.4%
Private Institutions	2004	1.5%	0.5%	0.5%	1.2%	0.1%	0.0%	0.4%	0.9%	0.0%	0.9%	0.0%
	2005	1.6%	0.6%	0.7%	1.0%	0.1%	0.0%	0.3%	1.0%	0.0%	0.9%	0.0%
	2006	1.4%	0.5%	0.7%	1.1%	0.2%	0.0%	0.3%	0.9%	0.0%	0.8%	0.0%
	2007	1.6%	0.6%	0.7%	1.1%	0.2%	0.0%	0.2%	1.1%	0.0%	0.9%	0.0%
	2008	1.8%	0.6%	0.8%	1.3%	0.2%	0.0%	0.3%	1.1%	0.0%	1.1%	0.3%
All Institutions	2004	1.3%	0.8%	0.9%	0.7%	0.7%	0.5%	0.6%	0.8%	0.7%	0.6%	1.3%
	2005	1.4%	0.9%	1.1%	0.6%	0.6%	0.6%	0.5%	0.9%	0.8%	0.7%	1.2%
	2006	1.2%	0.9%	1.1%	0.7%	0.6%	0.6%	0.6%	0.9%	0.9%	0.6%	1.1%
	2007	1.3%	0.9%	1.0%	0.7%	0.7%	0.7%	0.6%	1.0%	0.7%	0.7%	0.9%
	2008	1.6%	0.9%	1.0%	0.8%	0.7%	0.8%	0.6%	1.0%	0.8%	0.8%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 143: Number of Doctor's and First Professional Degrees in Architecture - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	58	23	0	0	0	2	0	3	0	3
	2005	0	63	22	0	0	0	2	0	6	0	4
	2006	1	60	19	0	1	0	5	0	2	0	3
	2007	0	60	15	0	5	0	3	0	3	0	7
	2008	0	79	17	0	2	0	7	0	5	0	5
	# Change 04-08	-1	21	-6	0	2	0	5	0	2	0	2
	% Change 04-08	-100.0%	36.2%	-26.1%	N/A	N/A	N/A	250.0%	N/A	66.7%	N/A	66.7%
Private Institutions	2004	15	34	4	0	1	0	0	8	0	6	0
	2005	22	37	5	0	0	0	0	5	0	5	0
	2006	13	26	2	0	1	0	1	2	0	7	0
	2007	17	30	1	0	2	0	2	7	0	1	0
	2008	17	28	2	0	0	0	1	7	0	1	0
	# Change 04-08	2	-6	-2	0	-1	0	1	-1	0	-5	0
	% Change 04-08	13.3%	-17.6%	-50.0%	N/A	-100.0%	N/A	N/A	-12.5%	N/A	-83.3%	N/A
All Institutions	2004	16	92	27	0	1	0	2	8	3	6	3
	2005	22	100	27	0	0	0	2	5	6	5	4
	2006	14	86	21	0	2	0	6	2	2	7	3
	2007	17	90	16	0	7	0	5	7	3	1	7
	2008	17	107	19	0	2	0	8	7	5	1	5
	# Change 04-08	1	15	-8	0	1	0	6	-1	2	-5	2
	% Change 04-08	6.3%	16.3%	-29.6%	N/A	100.0%	N/A	300.0%	-12.5%	66.7%	-83.3%	66.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 144: Doctor's and First Professional Degrees in Architecture as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 17)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.1%	0.5%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.1%
	2005	0.0%	0.1%	0.5%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	0.0%	0.2%
	2006	0.3%	0.1%	0.4%	0.0%	0.1%	0.0%	0.3%	0.0%	0.1%	0.0%	0.1%
	2007	0.0%	0.1%	0.3%	0.0%	0.2%	0.0%	0.2%	0.0%	0.2%	0.0%	0.3%
	2008	0.0%	0.1%	0.3%	0.0%	0.1%	0.0%	0.4%	0.0%	0.3%	0.0%	0.2%
Private Institutions	2004	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
	2005	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2006	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%
	2007	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%
	2008	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.1%
	2005	0.4%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.1%	0.1%
	2006	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.1%	0.1%
	2007	0.3%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	0.1%	0.1%	0.0%	0.2%
	2008	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.1%	0.2%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

Note: Zero (0) Associate's Degrees and Certificates below Bachelor's Degrees were granted in Architecture by Massachusetts colleges in 2008.

In 2008, 0.0% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Architecture. This percentage was lower than the national average (0.1%) and lower than in four of the nine comparison states (California had the highest percentage at 0.2%). Among female students in Massachusetts, the percentage was 0.0%. This was lower than the national average among female students (0.1%) and lower than in four of the comparison states (California, Connecticut, New York, and Virginia had the highest percentage among female students at 0.1%). Among male students in Massachusetts, the percentage was 0.0%. This was lower than the national average among male students (0.1%) and lower than in three of the comparison states (California had the highest percentage among male students at 0.4%). Among Asian students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Asian students (0.1%) and lower than in two of the comparison states (Virginia had the highest percentage among Asian students at 0.3%). Among Black students in Massachusetts, the percentage was 0.0%. This was equal to the national average among Black students (0.1%) and equal to all of the comparison states. Among Hispanic students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Hispanic students (0.1%) and lower than in three of the comparison states (Virginia had the highest percentage among Hispanic students at 0.6%). Among White students in Massachusetts, the percentage was 0.0%. This was lower than the national average among White students (0.1%) and lower than in five of the comparison states (California and New York had the highest percentage among White students at 0.2%).

In 2008, female students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's degrees in Architecture granted in Massachusetts. This was lower than the national average of 52.2% for degrees earned by female students and lower than the percentage in seven of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 87.5%). Male students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 47.8% for degrees earned by male students and lower than the percentage in seven of the comparison states (Pennsylvania had the highest percentage of degrees earned by male students at 95.2%). Asian students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 8.9% for degrees earned by Asian students and lower than the percentage in two of the comparison states (California had the highest percentage of degrees earned by Asian students at 14.7%). Black students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 6.8% for degrees earned by Black students and lower than the percentage in four of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 9.7%). Hispanic students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 27.6% for degrees earned by Hispanic students and lower than the percentage in four of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 42.5%). White students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 46.3% for degrees earned by White students and lower than the percentage in seven of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 100.0%).

In 2008, 0.5% of all Bachelor's degrees granted in Massachusetts were in Architecture. This percentage was lower than the national average (0.6%) and lower than the percentage in three of the nine comparison states (California and New York had the highest percentage at 0.7%). Among female students in Massachusetts, the percentage was 0.4%. This was lower than the national average among female students (0.5%) and lower than in three of the comparison states (California, New York



and Pennsylvania had the highest percentage among female students at 0.5%). Among male students in Massachusetts, the percentage was 0.7%. This was lower than the national average among male students (0.8%) but higher than in four of the comparison states (New York had the highest percentage among male students at 1.0%). Among Asian students in Massachusetts, the percentage was 0.6%. This was lower than the national average among Asian students (0.7%) and lower than in six of the comparison states (Minnesota had the highest percentage among Asian students at 0.9%). Among Black students in Massachusetts, the percentage was 0.3%. This was equal to the national average among Black students (0.3%) but higher than in five of the comparison states (New York and Virginia had the highest percentage among Black students at 0.4%). Among Hispanic students in Massachusetts, the percentage was 0.5%. This was lower than the national average among Hispanic students (0.8%) and lower than in five of the comparison states (New York and Virginia had the highest percentage among Hispanic students at 0.9%). Among White students in Massachusetts, the percentage was 0.6%. This was equal to the national average among White students (0.6%) but higher than in five of the comparison states (New York had the highest percentage among White students at 0.7%).

In 2008, female students earned 47.0% of the Bachelor's degrees in Architecture granted in Massachusetts. This was higher than the national average of 43.3% for degrees earned by female students and higher than the percentage in six of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 54.4%). Male students earned 53.0% of the Bachelor's degrees in Architecture granted in Massachusetts. This was lower than the national average of 56.7% for degrees earned by male students and lower than the percentage in six of the comparison states (New Jersey had the highest percentage of degrees earned by male students at 72.1%). Asian students earned 7.7% of the Bachelor's degrees in Architecture granted in Massachusetts. This was lower than the national average of 7.8% for degrees earned by Asian students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 24.1%). Black students earned 2.8% of the Bachelor's degrees in Architecture granted in Massachusetts. This was lower than the national average of 4.7% for degrees earned by Black students and lower than the percentage in seven of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 10.0%). Hispanic students earned 4.9% of the Bachelor's degrees in Architecture granted in Massachusetts. This was lower than the national average of 10.9% for degrees earned by Hispanic students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 20.1%). White students earned 703.5% of the Bachelor's degrees in Architecture granted in Massachusetts. This was higher than the national average of 66.4% for degrees earned by White students and higher than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 88.1%).


In 2008, 1.8% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Architecture. This percentage was higher than the national average (0.9%) and higher than the percentage in all of the nine comparison states. Among female students in Massachusetts, the percentage was 1.5%. This was higher than the national average among female students (0.7%) and lower than in all of the comparison states. Among male students in Massachusetts, the percentage was 2.4%. This was higher than the national average among male students (1.2%) and higher than in all of the comparison states. Among Asian students in Massachusetts, the percentage was 3.4%. This was higher than the national average among Asian students (1.0%) and higher than in all of the comparison states. Among Black students in Massachusetts, the percentage was 0.9%. This was higher than the national average among Black students (0.4%) and higher than in all of the comparison states. Among Hispanic students in Massachusetts, the percentage was 1.9%. This was higher than the national average among Hispanic students (1.0%) and higher than in all of the comparison states. Among White students in Massachusetts, the percentage was 1.5%. This was higher than the national average among White students (0.9%) and higher than in all of the comparison states.



In 2008, female students earned 49.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Architecture granted in Massachusetts. This was higher than the national average of 46.9% for degrees earned by female students and higher than the percentage in five of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 61.4%). Male students earned 50.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 63.1% for degrees earned by male students and lower than the percentage in five of the comparison states (Connecticut had the highest percentage of degrees earned by male students at 59.8%). Asian students earned 10.1% of the Certificates above Bachelor's Degrees and Master's Degrees in Architecture granted in Massachusetts. This was higher than the national average of 5.7% for degrees earned by Asian students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Asian students at 14.4%). Black students earned 3.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 3.7% for degrees earned by Black students and lower than the percentage in four of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 6.8%). Hispanic students earned 3.1% of the Certificates above Bachelor's Degrees and Master's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 6.1% for degrees earned by Hispanic students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 9.1%). White students earned 42.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Architecture granted in Massachusetts. This was lower than the national average of 57.5% for degrees earned by White students and lower than the percentage in eight of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 88.8%).

In 2008, 0.5% of all Doctor's and First Professional Degrees granted in Massachusetts were in Architecture. This percentage was higher than the national average (0.1%) and higher than the percentage in all of the nine comparison states. Among female students in Massachusetts, the percentage was 0.4%. This was higher than the national average among female students (0.1%) and higher than in all of the comparison states. Among male students in Massachusetts, the percentage was 0.6%. This was higher than the national average among male students (0.1%) and higher than in all of the comparison states. Among Asian students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Asian students (0.2%) but higher than in seven of the comparison states (New Jersey had the highest percentage among Asian students at 0.4%). Among Black students in Massachusetts, the percentage was 0.3%. This was higher than the national average among Black students (0.1%) and higher than in all of the comparison states. Among Hispanic students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Hispanic students (0.1%) and lower than in three of the comparison states (North Carolina had the highest percentage among Hispanic students at 1.2%). Among White students in Massachusetts, the percentage was 0.2%. This was higher than the national average among White students (0.1%) and higher than in five of the comparison states (Massachusetts, New Jersey, North Carolina, and Virginia had the highest percentage among White students at 0.2%).

In 2008, female students earned 41.7% of the Doctor's and First Professional Degrees in Architecture granted in Massachusetts. This was lower than the national average of 48.2% for degrees earned by female students and lower than the percentage in four of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 77.8%). Male students earned 58.3% of the Doctor's and First Professional Degrees in Architecture granted in Massachusetts. This was higher than the national average of 51.8% for degrees earned by male students and higher than the percentage in four of the comparison states (Illinois had the highest percentage of degrees earned by male students at 63.6%). Asian students earned 2.8% of the Doctor's and First Professional Degrees in Architecture granted in Massachusetts. This was lower than the national average of 11.6% for degrees earned by Asian students but higher than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Asian students at 20.0%). Black students earned 2.8% of the Doctor's and First Professional Degrees in Architecture granted in Massachusetts.

	UMass Donahue Institute Research and Evaluation Group	<p align="center">Indicator 17: Number of college students who complete degrees in Architecture</p>	<p align="center">317</p>
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This was lower than the national average of 4.5% for degrees earned by Black students but higher than the percentage in six of the comparison states (New York had the highest percentage of degrees earned by Black students at 7.7%). Hispanic students earned 0.0% of the Doctor's and First Professional Degrees in Architecture granted in Massachusetts. This was lower than the national average of 2.5% for degrees earned by Hispanic students and lower than the percentage in three of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 11.1%). White students earned 25.0% of the Doctor's and First Professional Degrees in Architecture granted in Massachusetts. This was lower than the national average of 29.1% for degrees earned by White students and lower than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by White students at 55.6%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.

Indicator 18: Number of college students who complete degrees in Biological and Biomedical Sciences

Table III - 145: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	23	1,489	456	0	0	2	48	49	17	56	0
	2005	23	1,740	513	2	0	3	55	75	0	63	0
	2006	19	1,947	659	2	0	5	42	91	3	71	0
	2007	57	2,120	712	2	0	9	66	92	18	80	0
	2008	51	2,536	1,045	1	0	11	57	84	4	83	0
	# Change 04-08	28	1,047	589	1	0	9	9	35	-13	27	0
	% Change 04-08	121.7%	70.3%	129.2%	N/A	N/A	450.0%	18.8%	71.4%	-76.5%	48.2%	N/A
Private Institutions	2004	4	70	0	4	0	0	0	1	8	2	0
	2005	1	64	9	4	0	0	0	4	9	3	0
	2006	5	53	8	1	0	2	0	0	13	3	0
	2007	3	145	37	0	7	0	7	1	13	3	0
	2008	0	95	25	0	5	0	24	0	3	5	0
	# Change 04-08	-4	25	25	-4	5	0	24	-1	-5	3	0
	% Change 04-08	-100.0%	35.7%	N/A	-100.0%	N/A	N/A	N/A	-100.0%	-62.5%	150.0%	N/A
All Institutions	2004	27	1,559	456	4	0	2	48	50	25	58	0
	2005	24	1,804	522	6	0	3	55	79	9	66	0
	2006	24	2,000	667	3	0	7	42	91	16	74	0
	2007	60	2,265	749	2	7	9	73	93	31	83	0
	2008	51	2,631	1,070	1	5	11	81	84	7	88	0
	# Change 04-08	24	1,072	614	-3	5	9	33	34	-18	30	0
	% Change 04-08	88.9%	68.8%	134.6%	-75.0%	N/A	450.0%	68.8%	68.0%	-72.0%	51.7%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 146: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.3%	0.1%	0.1%	0.3%	0.0%
	2005	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.4%	0.2%	0.0%	0.3%	0.0%
	2006	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.4%	0.0%
	2007	0.5%	0.2%	0.5%	0.0%	0.0%	0.0%	0.4%	0.2%	0.1%	0.4%	0.0%
	2008	0.4%	0.3%	0.8%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.4%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2006	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.1%	0.0%
	2005	0.1%	0.1%	0.3%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%
	2006	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2007	0.3%	0.2%	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%
	2008	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 147: Number of Bachelor's Degrees in Biological and Biomedical Sciences - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	543	42,875	6,750	291	1,451	825	1,137	1,295	1,609	1,185	1,310
	2005	574	45,468	7,315	312	1,501	954	1,145	1,595	1,701	1,205	1,317
	2006	568	49,062	7,917	395	1,633	1,034	1,308	1,782	1,780	1,388	1,395
	2007	657	53,408	8,621	455	1,737	1,161	1,435	1,983	1,784	1,469	1,565
	2008	687	54,983	9,126	465	1,806	1,164	1,522	2,114	1,897	1,552	1,615
	# Change 04-08	144	12,108	2,376	174	355	339	385	819	288	367	305
	% Change 04-08	26.5%	28.2%	35.2%	59.8%	24.5%	41.1%	33.9%	63.2%	17.9%	31.0%	23.3%
Private Institutions	2004	1,488	21,292	1,162	403	1,124	583	338	2,305	567	1,972	388
	2005	1,582	22,039	1,179	393	1,173	677	347	2,264	694	2,074	416
	2006	1,668	23,134	1,264	354	1,260	703	350	2,565	664	2,181	530
	2007	1,677	24,864	1,331	406	1,321	699	365	2,621	764	2,344	529
	2008	1,867	25,973	1,419	421	1,342	777	417	2,847	682	2,482	528
	# Change 04-08	379	4,681	257	18	218	194	79	542	115	510	140
	% Change 04-08	25.5%	22.0%	22.1%	4.5%	19.4%	33.3%	23.4%	23.5%	20.3%	25.9%	36.1%
All Institutions	2004	2,031	64,167	7,912	694	2,575	1,408	1,475	3,600	2,176	3,157	1,698
	2005	2,156	67,507	8,494	705	2,674	1,631	1,492	3,859	2,395	3,279	1,733
	2006	2,236	72,196	9,181	749	2,893	1,737	1,658	4,347	2,444	3,569	1,925
	2007	2,334	78,272	9,952	861	3,058	1,860	1,800	4,604	2,548	3,813	2,094
	2008	2,554	80,956	10,545	886	3,148	1,941	1,939	4,961	2,579	4,034	2,143
	# Change 04-08	523	16,789	2,633	192	573	533	464	1,361	403	877	445
	% Change 04-08	25.8%	26.2%	33.3%	27.7%	22.3%	37.9%	31.5%	37.8%	18.5%	27.8%	26.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 148: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.8%	4.5%	6.2%	3.4%	4.4%	4.5%	5.1%	2.9%	5.5%	3.1%	4.6%
	2005	3.9%	4.6%	6.4%	3.5%	4.6%	5.1%	4.9%	3.3%	5.8%	3.0%	4.5%
	2006	3.8%	4.9%	6.8%	4.0%	4.9%	5.3%	5.5%	3.6%	6.0%	3.4%	4.6%
	2007	4.3%	5.2%	7.3%	4.6%	5.1%	5.8%	6.0%	3.9%	5.9%	3.5%	5.0%
	2008	4.4%	5.3%	7.5%	4.5%	5.2%	5.8%	6.2%	4.1%	5.9%	3.7%	5.0%
Private Institutions	2004	4.2%	3.9%	3.0%	4.4%	3.7%	5.0%	3.9%	3.4%	4.1%	4.7%	4.3%
	2005	4.5%	4.0%	2.9%	4.4%	3.4%	5.5%	3.8%	3.3%	5.2%	4.8%	4.3%
	2006	4.6%	4.0%	3.1%	3.8%	3.3%	5.7%	3.9%	3.8%	4.9%	4.9%	5.0%
	2007	4.6%	4.1%	3.2%	4.2%	3.3%	5.4%	3.9%	3.7%	5.5%	5.2%	4.8%
	2008	4.9%	4.2%	3.2%	4.3%	3.5%	5.8%	4.2%	3.9%	4.7%	5.4%	4.5%
All Institutions	2004	4.1%	4.3%	5.3%	3.9%	4.1%	4.7%	4.7%	3.2%	5.0%	3.9%	4.5%
	2005	4.3%	4.4%	5.5%	3.9%	4.0%	5.2%	4.6%	3.3%	5.6%	3.9%	4.4%
	2006	4.4%	4.6%	5.8%	3.9%	4.0%	5.5%	5.1%	3.7%	5.6%	4.2%	4.7%
	2007	4.5%	4.8%	6.2%	4.4%	4.1%	5.7%	5.4%	3.8%	5.7%	4.4%	4.9%
	2008	4.7%	4.9%	6.3%	4.4%	4.3%	5.8%	5.6%	4.0%	5.5%	4.6%	4.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 149: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	70	5,087	539	94	191	103	158	191	199	139	202
	2005	85	5,331	545	74	167	102	124	219	189	171	231
	2006	97	5,837	647	84	182	117	131	241	204	179	278
	2007	90	5,853	619	89	170	115	100	201	192	164	269
	2008	108	6,272	676	74	201	129	112	294	197	186	271
	# Change 04-08	38	1,185	137	-20	10	26	-46	103	-2	47	69
	% Change 04-08	54.3%	23.3%	25.4%	-21.3%	5.2%	25.2%	-29.1%	53.9%	-1.0%	33.8%	34.2%
Private Institutions	2004	376	2,937	109	117	176	3	48	676	47	310	31
	2005	429	3,339	138	189	169	20	55	722	18	401	63
	2006	428	3,529	150	176	246	24	59	771	16	429	56
	2007	413	3,608	106	194	235	9	49	761	27	491	61
	2008	459	3,866	142	206	276	26	51	731	19	472	49
	# Change 04-08	83	929	33	89	100	23	3	55	-28	162	18
	% Change 04-08	22.1%	31.6%	30.3%	76.1%	56.8%	766.7%	6.3%	8.1%	-59.6%	52.3%	58.1%
All Institutions	2004	446	8,024	648	211	367	106	206	867	246	449	233
	2005	514	8,670	683	263	336	122	179	941	207	572	294
	2006	525	9,366	797	260	428	141	190	1,012	220	608	334
	2007	503	9,461	725	283	405	124	149	962	219	655	330
	2008	567	10,138	818	280	477	155	163	1,025	216	658	320
	# Change 04-08	121	2,114	170	69	110	49	-43	158	-30	209	87
	% Change 04-08	27.1%	26.3%	26.2%	32.7%	30.0%	46.2%	-20.9%	18.2%	-12.2%	46.5%	37.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 150: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.3%	1.7%	2.1%	2.8%	1.6%	2.3%	2.3%	1.0%	2.4%	1.4%	2.0%
	2005	1.6%	1.7%	2.0%	2.0%	1.4%	2.1%	1.7%	1.2%	2.2%	1.7%	2.2%
	2006	1.8%	1.9%	2.3%	2.3%	1.5%	2.2%	1.8%	1.3%	2.3%	1.7%	2.5%
	2007	1.6%	1.9%	2.3%	2.5%	1.4%	2.2%	1.4%	1.1%	2.1%	1.6%	2.4%
	2008	1.8%	1.9%	2.2%	1.8%	1.6%	2.3%	1.5%	1.6%	2.0%	1.7%	2.3%
Private Institutions	2004	1.5%	1.0%	0.3%	2.0%	0.8%	0.0%	0.8%	1.4%	1.4%	1.7%	1.1%
	2005	1.8%	1.1%	0.4%	3.0%	0.6%	0.2%	0.9%	1.5%	0.6%	2.2%	2.1%
	2006	1.7%	1.1%	0.4%	2.8%	0.9%	0.2%	0.9%	1.5%	0.4%	2.2%	1.8%
	2007	1.7%	1.0%	0.3%	3.2%	0.8%	0.1%	0.7%	1.5%	0.7%	2.4%	1.7%
	2008	1.8%	1.1%	0.4%	3.3%	0.9%	0.2%	0.7%	1.5%	0.5%	2.2%	1.1%
All Institutions	2004	1.5%	1.3%	1.1%	2.3%	1.0%	0.9%	1.6%	1.3%	2.1%	1.6%	1.8%
	2005	1.7%	1.4%	1.1%	2.6%	0.9%	0.9%	1.3%	1.4%	1.8%	2.0%	2.2%
	2006	1.8%	1.5%	1.2%	2.6%	1.1%	0.9%	1.4%	1.5%	1.8%	2.1%	2.3%
	2007	1.7%	1.4%	1.2%	3.0%	1.0%	0.7%	1.1%	1.4%	1.7%	2.1%	2.2%
	2008	1.8%	1.5%	1.2%	2.7%	1.1%	0.8%	1.1%	1.5%	1.6%	2.0%	2.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 151: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	46	3,527	550	40	106	44	108	143	155	162	118
	2005	55	3,783	522	53	125	80	80	154	157	147	120
	2006	42	3,945	557	49	123	72	99	174	162	186	143
	2007	62	4,333	671	49	125	95	93	174	168	176	126
	2008	74	4,742	748	58	125	68	124	200	204	183	159
	# Change 04-08	28	1,215	198	18	19	24	16	57	49	21	41
	% Change 04-08	60.9%	34.4%	36.0%	45.0%	17.9%	54.5%	14.8%	39.9%	31.6%	13.0%	34.7%
Private Institutions	2004	266	1,704	127	57	119	21	26	315	74	94	0
	2005	265	1,833	155	73	118	22	18	368	72	111	0
	2006	307	1,871	165	71	105	15	20	353	70	115	0
	2007	336	2,065	175	92	153	24	31	390	67	132	0
	2008	341	2,223	169	75	129	27	32	442	86	119	0
	# Change 04-08	75	519	42	18	10	6	6	127	12	25	0
	% Change 04-08	28.2%	30.5%	33.1%	31.6%	8.4%	28.6%	23.1%	40.3%	16.2%	26.6%	N/A
All Institutions	2004	312	5,231	677	97	225	65	134	458	229	256	118
	2005	320	5,616	677	126	243	102	98	522	229	258	120
	2006	349	5,816	722	120	228	87	119	527	232	301	143
	2007	398	6,398	846	141	278	119	124	564	235	308	126
	2008	415	6,965	917	133	254	95	156	642	290	302	159
	# Change 04-08	103	1,734	240	36	29	30	22	184	61	46	41
	% Change 04-08	33.0%	33.1%	35.5%	37.1%	12.9%	46.2%	16.4%	40.2%	26.6%	18.0%	34.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 152: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.6%	5.5%	10.3%	6.5%	4.8%	3.4%	5.9%	5.8%	8.7%	5.3%	4.8%
	2005	10.4%	5.6%	9.7%	8.0%	5.3%	5.5%	4.5%	6.0%	8.5%	4.8%	4.8%
	2006	8.6%	5.6%	9.8%	6.4%	5.0%	4.7%	5.6%	6.6%	8.4%	5.8%	5.5%
	2007	11.0%	5.9%	11.1%	6.6%	5.0%	5.7%	5.0%	6.6%	8.5%	5.4%	4.8%
	2008	13.7%	6.2%	11.8%	8.1%	4.8%	4.4%	6.1%	7.2%	9.8%	5.4%	5.7%
Private Institutions	2004	4.3%	2.5%	1.4%	5.5%	2.5%	1.5%	2.6%	3.2%	5.5%	2.2%	0.0%
	2005	4.1%	2.5%	1.6%	7.0%	2.4%	1.4%	1.5%	3.5%	5.0%	2.3%	0.0%
	2006	4.5%	2.5%	1.7%	6.9%	2.1%	0.8%	1.8%	3.3%	5.0%	2.3%	0.0%
	2007	4.6%	2.6%	1.7%	8.7%	2.9%	1.1%	2.7%	3.7%	4.2%	2.6%	0.0%
	2008	4.9%	2.8%	1.7%	7.4%	2.4%	1.2%	3.0%	4.0%	5.5%	2.3%	0.0%
All Institutions	2004	4.6%	3.9%	4.7%	5.9%	3.3%	2.4%	4.7%	3.7%	7.3%	3.5%	3.2%
	2005	4.6%	4.0%	4.5%	7.4%	3.3%	3.4%	3.3%	4.0%	7.0%	3.3%	3.0%
	2006	4.8%	4.0%	4.7%	6.7%	3.0%	2.6%	4.1%	4.0%	7.0%	3.7%	3.5%
	2007	5.1%	4.2%	5.3%	7.8%	3.5%	3.1%	4.1%	4.3%	6.6%	3.7%	3.0%
	2008	5.6%	4.5%	5.6%	7.7%	3.2%	2.4%	5.0%	4.7%	8.0%	3.5%	3.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 153: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Female Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15	1,011	318	0	0	2	36	33	9	43	0
	2005	14	1,185	382	1	0	2	33	56	0	42	0
	2006	9	1,280	462	0	0	3	24	56	3	38	0
	2007	30	1,441	509	0	0	6	39	60	18	49	0
	2008	25	1,785	807	1	0	7	35	49	2	50	0
	# Change 04-08	10	774	489	1	0	5	-1	16	-7	7	0
	% Change 04-08	66.7%	76.6%	153.8%	N/A	N/A	250.0%	-2.8%	48.5%	-77.8%	16.3%	N/A
Private Institutions	2004	3	36	0	2	0	0	0	0	4	2	0
	2005	1	41	5	1	0	0	0	4	7	1	0
	2006	5	39	4	1	0	0	0	0	9	1	0
	2007	2	75	13	0	7	0	4	1	7	2	0
	2008	0	58	6	0	3	0	18	0	2	1	0
	# Change 04-08	-3	22	6	-2	3	0	18	0	-2	-1	0
	% Change 04-08	-100.0%	61.1%	N/A	-100.0%	N/A	N/A	N/A	N/A	-50.0%	-50.0%	N/A
All Institutions	2004	18	1,047	318	2	0	2	36	33	13	45	0
	2005	15	1,226	387	2	0	2	33	60	7	43	0
	2006	14	1,319	466	1	0	3	24	56	12	39	0
	2007	32	1,516	522	0	7	6	43	61	25	51	0
	2008	25	1,843	813	1	3	7	53	49	4	51	0
	# Change 04-08	7	796	495	-1	3	5	17	16	-9	6	0
	% Change 04-08	38.9%	76.0%	155.7%	-50.0%	N/A	250.0%	47.2%	48.5%	-69.2%	13.3%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 154: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.4%	0.1%	0.1%	0.4%	0.0%
	2005	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.3%	0.0%
	2006	0.1%	0.2%	0.6%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	0.3%	0.0%
	2007	0.4%	0.3%	0.7%	0.0%	0.0%	0.0%	0.4%	0.2%	0.1%	0.4%	0.0%
	2008	0.3%	0.3%	1.0%	0.0%	0.0%	0.1%	0.3%	0.2%	0.0%	0.4%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2006	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%
	2005	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%
	2006	0.1%	0.1%	0.4%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%
	2008	0.2%	0.2%	0.6%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

**Table III - 155: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Female Students
(MASSIP 2009 Indicator 18)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	322	26,441	4,138	161	892	505	751	756	1,084	775	892
	2005	381	27,934	4,552	178	930	573	701	907	1,113	749	857
	2006	353	30,023	4,864	251	936	637	817	1,036	1,190	900	935
	2007	411	31,769	5,118	254	966	667	883	1,135	1,174	922	966
	2008	398	32,429	5,280	273	1,022	652	903	1,160	1,202	935	1,042
	# Change 04-08	76	5,988	1,142	112	130	147	152	404	118	160	150
	% Change 04-08	23.6%	22.6%	27.6%	69.6%	14.6%	29.1%	20.2%	53.4%	10.9%	20.6%	16.8%
Private Institutions	2004	984	13,507	752	253	695	359	221	1,446	393	1,285	293
	2005	1,069	13,917	748	251	728	423	215	1,474	473	1,325	277
	2006	1,119	14,418	778	211	796	424	207	1,594	443	1,415	351
	2007	1,124	15,360	833	261	805	405	235	1,615	514	1,449	363
	2008	1,212	15,745	829	247	811	462	270	1,702	449	1,538	355
	# Change 04-08	228	2,238	77	-6	116	103	49	256	56	253	62
	% Change 04-08	23.2%	16.6%	10.2%	-2.4%	16.7%	28.7%	22.2%	17.7%	14.2%	19.7%	21.2%
All Institutions	2004	1,306	39,948	4,890	414	1,587	864	972	2,202	1,477	2,060	1,185
	2005	1,450	41,851	5,300	429	1,658	996	916	2,381	1,586	2,074	1,134
	2006	1,472	44,441	5,642	462	1,732	1,061	1,024	2,630	1,633	2,315	1,286
	2007	1,535	47,129	5,951	515	1,771	1,072	1,118	2,750	1,688	2,371	1,329
	2008	1,610	48,174	6,109	520	1,833	1,114	1,173	2,862	1,651	2,473	1,397
	# Change 04-08	304	8,226	1,219	106	246	250	201	660	174	413	212
	% Change 04-08	23.3%	20.6%	24.9%	25.6%	15.5%	28.9%	20.7%	30.0%	11.8%	20.0%	17.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 156: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.9%	4.9%	6.4%	3.2%	5.0%	4.8%	5.7%	2.8%	6.4%	3.6%	5.4%
	2005	4.4%	5.0%	6.8%	3.5%	5.2%	5.4%	5.1%	3.2%	6.5%	3.3%	5.1%
	2006	4.1%	5.2%	7.1%	4.4%	5.3%	5.8%	5.9%	3.6%	6.8%	3.9%	5.3%
	2007	4.7%	5.4%	7.5%	4.5%	5.3%	6.0%	6.4%	3.8%	6.7%	4.0%	5.4%
	2008	4.4%	5.5%	7.5%	4.6%	5.5%	5.9%	6.5%	3.8%	6.4%	4.1%	5.7%
Private Institutions	2004	4.9%	4.3%	3.4%	4.7%	3.9%	5.1%	4.3%	3.7%	4.8%	5.3%	5.2%
	2005	5.2%	4.3%	3.3%	4.9%	3.6%	5.8%	4.0%	3.8%	5.8%	5.3%	4.7%
	2006	5.2%	4.3%	3.3%	3.9%	3.5%	5.8%	4.0%	4.0%	5.3%	5.5%	5.5%
	2007	5.2%	4.4%	3.4%	4.6%	3.4%	5.2%	4.4%	3.9%	6.0%	5.6%	5.3%
	2008	5.4%	4.4%	3.3%	4.4%	3.5%	5.8%	4.8%	4.0%	5.1%	5.7%	5.0%
All Institutions	2004	4.6%	4.7%	5.6%	4.0%	4.5%	4.9%	5.3%	3.4%	5.9%	4.5%	5.4%
	2005	4.9%	4.7%	5.9%	4.2%	4.4%	5.5%	4.8%	3.5%	6.3%	4.4%	5.0%
	2006	4.9%	4.9%	6.1%	4.2%	4.3%	5.8%	5.4%	3.8%	6.3%	4.8%	5.4%
	2007	5.1%	5.0%	6.4%	4.5%	4.2%	5.7%	5.9%	3.9%	6.5%	4.8%	5.4%
	2008	5.2%	5.0%	6.4%	4.5%	4.3%	5.8%	6.0%	4.0%	5.9%	5.0%	5.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 157: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Female Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	38	2,973	319	65	106	67	92	120	127	85	115
	2005	59	3,155	318	44	97	70	70	119	114	98	133
	2006	63	3,427	393	41	96	73	85	151	123	106	147
	2007	60	3,517	395	57	92	71	57	114	112	101	171
	2008	56	3,631	408	45	119	77	69	170	124	105	154
	# Change 04-08	18	658	89	-20	13	10	-23	50	-3	20	39
	% Change 04-08	47.4%	22.1%	27.9%	-30.8%	12.3%	14.9%	-25.0%	41.7%	-2.4%	23.5%	33.9%
Private Institutions	2004	211	1,642	60	66	91	1	31	392	30	176	15
	2005	271	1,993	80	128	90	13	37	460	12	207	41
	2006	233	1,979	80	102	123	17	35	468	10	238	32
	2007	235	2,060	60	106	129	5	30	437	18	265	38
	2008	277	2,196	77	123	140	11	34	414	13	245	28
	# Change 04-08	66	554	17	57	49	10	3	22	-17	69	13
	% Change 04-08	31.3%	33.7%	28.3%	86.4%	53.8%	1,000.0%	9.7%	5.6%	-56.7%	39.2%	86.7%
All Institutions	2004	249	4,615	379	131	197	68	123	512	157	261	130
	2005	330	5,148	398	172	187	83	107	579	126	305	174
	2006	296	5,406	473	143	219	90	120	619	133	344	179
	2007	295	5,577	455	163	221	76	87	551	130	366	209
	2008	333	5,827	485	168	259	88	103	584	137	350	182
	# Change 04-08	84	1,212	106	37	62	20	-20	72	-20	89	52
	% Change 04-08	33.7%	26.3%	28.0%	28.2%	31.5%	29.4%	-16.3%	14.1%	-12.7%	34.1%	40.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 158: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.7%	2.1%	3.0%	1.5%	2.6%	2.2%	0.9%	2.5%	1.4%	2.0%
	2005	1.7%	1.7%	2.0%	1.8%	1.4%	2.4%	1.5%	1.0%	2.2%	1.7%	2.1%
	2006	1.7%	1.8%	2.4%	1.7%	1.4%	2.4%	1.8%	1.2%	2.2%	1.7%	2.2%
	2007	1.6%	1.9%	2.5%	2.5%	1.3%	2.3%	1.2%	0.9%	1.9%	1.5%	2.5%
	2008	1.4%	1.9%	2.4%	1.7%	1.6%	2.4%	1.5%	1.4%	2.0%	1.6%	2.2%
Private Institutions	2004	1.5%	0.9%	0.3%	2.0%	0.7%	0.0%	1.0%	1.3%	1.9%	1.7%	0.9%
	2005	1.9%	1.1%	0.4%	3.6%	0.6%	0.2%	1.2%	1.6%	0.7%	2.0%	2.1%
	2006	1.6%	1.0%	0.4%	2.8%	0.8%	0.2%	1.1%	1.5%	0.5%	2.2%	1.6%
	2007	1.6%	1.0%	0.3%	3.0%	0.8%	0.1%	0.9%	1.4%	0.9%	2.2%	1.6%
	2008	1.8%	1.0%	0.4%	3.5%	0.8%	0.1%	1.0%	1.3%	0.6%	1.9%	1.1%
All Institutions	2004	1.4%	1.3%	1.1%	2.4%	1.0%	0.8%	1.7%	1.2%	2.4%	1.6%	1.7%
	2005	1.9%	1.4%	1.1%	2.8%	0.9%	0.9%	1.4%	1.4%	1.8%	1.9%	2.1%
	2006	1.6%	1.4%	1.3%	2.4%	1.0%	0.8%	1.5%	1.4%	1.8%	2.0%	2.1%
	2007	1.6%	1.4%	1.2%	2.8%	1.0%	0.6%	1.1%	1.3%	1.7%	2.0%	2.3%
	2008	1.7%	1.4%	1.3%	2.7%	1.1%	0.6%	1.3%	1.3%	1.7%	1.8%	1.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 159: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Female Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	22	1,635	298	16	43	29	39	70	73	89	59
	2005	29	1,804	247	26	54	47	41	74	89	73	53
	2006	18	1,923	297	24	53	42	56	82	82	103	60
	2007	31	2,101	348	22	56	53	44	73	84	91	63
	2008	38	2,407	387	30	44	33	64	97	113	108	85
	# Change 04-08	16	772	89	14	1	4	25	27	40	19	26
	% Change 04-08	72.7%	47.2%	29.9%	87.5%	2.3%	13.8%	64.1%	38.6%	54.8%	21.3%	44.1%
Private Institutions	2004	135	793	47	28	49	7	17	139	33	45	0
	2005	131	946	77	44	69	6	10	180	38	57	0
	2006	149	942	78	35	59	10	9	177	37	63	0
	2007	152	1,061	87	52	80	14	17	204	30	76	0
	2008	168	1,132	80	41	67	19	16	216	54	64	0
	# Change 04-08	33	339	33	13	18	12	-1	77	21	19	0
	% Change 04-08	24.4%	42.7%	70.2%	46.4%	36.7%	171.4%	-5.9%	55.4%	63.6%	42.2%	N/A
All Institutions	2004	157	2,428	345	44	92	36	56	209	106	134	59
	2005	160	2,750	324	70	123	53	51	254	127	130	53
	2006	167	2,865	375	59	112	52	65	259	119	166	60
	2007	183	3,162	435	74	136	67	61	277	114	167	63
	2008	206	3,539	467	71	111	52	80	313	167	172	85
	# Change 04-08	49	1,111	122	27	19	16	24	104	61	38	26
	% Change 04-08	31.2%	45.8%	35.4%	61.4%	20.7%	44.4%	42.9%	49.8%	57.5%	28.4%	44.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 160: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.7%	5.2%	11.2%	4.9%	4.1%	4.2%	4.4%	5.6%	7.7%	5.9%	5.1%
	2005	10.4%	5.4%	9.5%	7.6%	4.7%	6.8%	4.7%	5.7%	9.0%	5.0%	4.5%
	2006	7.7%	5.5%	10.7%	5.9%	4.6%	5.3%	6.3%	6.0%	8.2%	6.4%	4.7%
	2007	10.6%	5.7%	11.9%	5.7%	4.7%	6.1%	4.8%	5.5%	8.0%	5.5%	5.1%
	2008	14.9%	6.3%	12.5%	8.1%	3.7%	3.9%	6.0%	6.7%	10.0%	6.4%	6.3%
Private Institutions	2004	4.4%	2.4%	1.1%	5.9%	2.1%	1.0%	4.0%	2.8%	5.5%	2.1%	0.0%
	2005	4.1%	2.6%	1.6%	8.9%	2.8%	0.8%	2.0%	3.4%	5.7%	2.3%	0.0%
	2006	4.3%	2.6%	1.7%	6.8%	2.4%	1.0%	2.0%	3.3%	5.6%	2.4%	0.0%
	2007	4.1%	2.7%	1.7%	10.1%	3.0%	1.1%	3.5%	3.8%	4.0%	2.7%	0.0%
	2008	4.7%	2.8%	1.6%	8.1%	2.5%	1.4%	3.4%	3.9%	7.0%	2.2%	0.0%
All Institutions	2004	4.7%	3.8%	4.9%	5.5%	2.8%	2.6%	4.3%	3.3%	6.9%	3.7%	3.4%
	2005	4.6%	3.9%	4.4%	8.4%	3.4%	3.6%	3.7%	3.8%	7.6%	3.3%	2.7%
	2006	4.6%	4.0%	5.1%	6.4%	3.1%	3.0%	4.8%	3.9%	7.2%	4.0%	3.1%
	2007	4.6%	4.1%	5.5%	8.2%	3.5%	3.2%	4.4%	4.1%	6.3%	3.7%	3.1%
	2008	5.4%	4.5%	5.7%	8.1%	2.8%	2.4%	5.2%	4.5%	8.8%	3.8%	3.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 161: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Male Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	478	138	0	0	0	12	16	8	13	0
	2005	9	555	131	1	0	1	22	19	0	21	0
	2006	10	667	197	2	0	2	18	35	0	33	0
	2007	27	679	203	2	0	3	27	32	0	31	0
	2008	26	751	238	0	0	4	22	35	2	33	0
	# Change 04-08	18	273	100	0	0	4	10	19	-6	20	0
	% Change 04-08	225.0%	57.1%	72.5%	N/A	N/A	N/A	83.3%	118.8%	-75.0%	153.8%	N/A
Private Institutions	2004	1	34	0	2	0	0	0	1	4	0	0
	2005	0	23	4	3	0	0	0	0	2	2	0
	2006	0	14	4	0	0	2	0	0	4	2	0
	2007	1	70	24	0	0	0	3	0	6	1	0
	2008	0	37	19	0	2	0	6	0	1	4	0
	# Change 04-08	-1	3	19	-2	2	0	6	-1	-3	4	0
	% Change 04-08	-100.0%	8.8%	N/A	-100.0%	N/A	N/A	N/A	-100.0%	-75.0%	N/A	N/A
All Institutions	2004	9	512	138	2	0	0	12	17	12	13	0
	2005	9	578	135	4	0	1	22	19	2	23	0
	2006	10	681	201	2	0	4	18	35	4	35	0
	2007	28	749	227	2	0	3	30	32	6	32	0
	2008	26	788	257	0	2	4	28	35	3	37	0
	# Change 04-08	17	276	119	-2	2	4	16	18	-9	24	0
	% Change 04-08	188.9%	53.9%	86.2%	-100.0%	N/A	N/A	133.3%	105.9%	-75.0%	184.6%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 162: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.1%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%
	2005	0.2%	0.1%	0.2%	0.1%	0.0%	0.0%	0.4%	0.1%	0.0%	0.3%	0.0%
	2006	0.3%	0.2%	0.4%	0.1%	0.0%	0.0%	0.3%	0.2%	0.0%	0.5%	0.0%
	2007	0.7%	0.2%	0.4%	0.1%	0.0%	0.0%	0.4%	0.2%	0.0%	0.4%	0.0%
	2008	0.6%	0.2%	0.4%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.4%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%
	2007	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%
	2008	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2005	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%
	2006	0.2%	0.1%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%
	2007	0.4%	0.1%	0.3%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.0%
	2008	0.4%	0.1%	0.3%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 163: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Male Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	221	16,434	2,612	130	559	320	386	539	525	410	418
	2005	193	17,534	2,763	134	571	381	444	688	588	456	460
	2006	215	19,039	3,053	144	697	397	491	746	590	488	460
	2007	246	21,639	3,503	201	771	494	552	848	610	547	599
	2008	289	22,554	3,846	192	784	512	619	954	695	617	573
	# Change 04-08	68	6,120	1,234	62	225	192	233	415	170	207	155
	% Change 04-08	30.8%	37.2%	47.2%	47.7%	40.3%	60.0%	60.4%	77.0%	32.4%	50.5%	37.1%
Private Institutions	2004	504	7,785	410	150	429	224	117	859	174	687	95
	2005	513	8,122	431	142	445	254	132	790	221	749	139
	2006	549	8,716	486	143	464	279	143	971	221	766	179
	2007	553	9,504	498	145	516	294	130	1,006	250	895	166
	2008	655	10,228	590	174	531	315	147	1,145	233	944	173
	# Change 04-08	151	2,443	180	24	102	91	30	286	59	257	78
	% Change 04-08	30.0%	31.4%	43.9%	16.0%	23.8%	40.6%	25.6%	33.3%	33.9%	37.4%	82.1%
All Institutions	2004	725	24,219	3,022	280	988	544	503	1,398	699	1,097	513
	2005	706	25,656	3,194	276	1,016	635	576	1,478	809	1,205	599
	2006	764	27,755	3,539	287	1,161	676	634	1,717	811	1,254	639
	2007	799	31,143	4,001	346	1,287	788	682	1,854	860	1,442	765
	2008	944	32,782	4,436	366	1,315	827	766	2,099	928	1,561	746
	# Change 04-08	219	8,563	1,414	86	327	283	263	701	229	464	233
	% Change 04-08	30.2%	35.4%	46.8%	30.7%	33.1%	52.0%	52.3%	50.1%	32.8%	42.3%	45.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 164: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.7%	4.1%	5.8%	3.5%	3.8%	4.0%	4.2%	2.9%	4.2%	2.4%	3.5%
	2005	3.2%	4.2%	5.9%	3.4%	3.8%	4.7%	4.6%	3.4%	4.7%	2.6%	3.6%
	2006	3.4%	4.4%	6.3%	3.5%	4.6%	4.7%	5.0%	3.7%	4.8%	2.6%	3.5%
	2007	3.8%	4.9%	7.0%	4.8%	4.8%	5.6%	5.4%	4.0%	4.7%	2.9%	4.5%
	2008	4.3%	5.0%	7.4%	4.3%	4.8%	5.7%	5.9%	4.3%	5.2%	3.2%	4.1%
Private Institutions	2004	3.3%	3.4%	2.4%	3.9%	3.5%	5.0%	3.2%	2.9%	3.1%	3.9%	2.7%
	2005	3.6%	3.5%	2.4%	3.9%	3.1%	5.2%	3.5%	2.6%	4.1%	4.1%	3.7%
	2006	3.7%	3.6%	2.8%	3.6%	2.9%	5.6%	3.7%	3.5%	4.2%	4.2%	4.4%
	2007	3.6%	3.8%	2.8%	3.6%	3.3%	5.8%	3.2%	3.3%	4.6%	4.8%	3.9%
	2008	4.1%	4.0%	3.1%	4.1%	3.5%	5.8%	3.4%	3.8%	4.2%	5.0%	3.7%
All Institutions	2004	3.5%	3.8%	4.8%	3.7%	3.6%	4.4%	3.9%	2.9%	3.9%	3.2%	3.3%
	2005	3.5%	3.9%	4.9%	3.6%	3.4%	4.8%	4.3%	3.0%	4.6%	3.4%	3.6%
	2006	3.6%	4.1%	5.3%	3.5%	3.8%	5.0%	4.6%	3.6%	4.6%	3.4%	3.7%
	2007	3.7%	4.5%	5.9%	4.2%	4.0%	5.7%	4.8%	3.6%	4.7%	3.8%	4.3%
	2008	4.2%	4.6%	6.3%	4.2%	4.2%	5.7%	5.2%	4.0%	4.9%	4.1%	4.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 165: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Male Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	32	2,114	220	29	85	36	66	71	72	54	87
	2005	26	2,176	227	30	70	32	54	100	75	73	98
	2006	34	2,410	254	43	86	44	46	90	81	73	131
	2007	30	2,336	224	32	78	44	43	87	80	63	98
	2008	52	2,641	268	29	82	52	43	124	73	81	117
	# Change 04-08	20	527	48	0	-3	16	-23	53	1	27	30
	% Change 04-08	62.5%	24.9%	21.8%	0.0%	-3.5%	44.4%	-34.8%	74.6%	1.4%	50.0%	34.5%
Private Institutions	2004	165	1,295	49	51	85	2	17	284	17	134	16
	2005	158	1,346	58	61	79	7	18	262	6	194	22
	2006	195	1,550	70	74	123	7	24	303	6	191	24
	2007	178	1,548	46	88	106	4	19	324	9	226	23
	2008	182	1,670	65	83	136	15	17	317	6	227	21
	# Change 04-08	17	375	16	32	51	13	0	33	-11	93	5
	% Change 04-08	10.3%	29.0%	32.7%	62.7%	60.0%	650.0%	0.0%	11.6%	-64.7%	69.4%	31.3%
All Institutions	2004	197	3,409	269	80	170	38	83	355	89	188	103
	2005	184	3,522	285	91	149	39	72	362	81	267	120
	2006	229	3,960	324	117	209	51	70	393	87	264	155
	2007	208	3,884	270	120	184	48	62	411	89	289	121
	2008	234	4,311	333	112	218	67	60	441	79	308	138
	# Change 04-08	37	902	64	32	48	29	-23	86	-10	120	35
	% Change 04-08	18.8%	26.5%	23.8%	40.0%	28.2%	76.3%	-27.7%	24.2%	-11.2%	63.8%	34.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 166: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.8%	1.8%	2.0%	2.6%	1.7%	1.9%	2.5%	1.1%	2.2%	1.4%	2.1%
	2005	1.5%	1.8%	1.9%	2.5%	1.4%	1.6%	2.0%	1.5%	2.3%	1.8%	2.3%
	2006	2.0%	1.9%	2.0%	3.6%	1.7%	2.0%	1.8%	1.3%	2.4%	1.9%	2.9%
	2007	1.6%	1.9%	2.0%	2.7%	1.6%	2.1%	1.6%	1.3%	2.3%	1.6%	2.2%
	2008	2.5%	2.1%	2.0%	2.1%	1.6%	2.2%	1.6%	1.9%	2.0%	1.9%	2.5%
Private Institutions	2004	1.7%	1.0%	0.3%	1.9%	0.8%	0.1%	0.6%	1.5%	1.0%	1.8%	1.6%
	2005	1.6%	1.1%	0.4%	2.2%	0.7%	0.3%	0.6%	1.4%	0.4%	2.5%	2.0%
	2006	2.0%	1.2%	0.5%	2.8%	1.0%	0.2%	0.7%	1.6%	0.4%	2.3%	2.1%
	2007	1.9%	1.1%	0.3%	3.4%	0.9%	0.1%	0.6%	1.7%	0.5%	2.7%	1.8%
	2008	1.8%	1.2%	0.4%	3.1%	1.1%	0.4%	0.5%	1.7%	0.3%	2.6%	1.2%
All Institutions	2004	1.7%	1.4%	1.1%	2.1%	1.1%	0.9%	1.5%	1.4%	1.8%	1.6%	2.0%
	2005	1.6%	1.4%	1.1%	2.3%	0.9%	0.8%	1.3%	1.5%	1.7%	2.3%	2.2%
	2006	2.0%	1.5%	1.2%	3.1%	1.2%	1.0%	1.2%	1.5%	1.7%	2.2%	2.7%
	2007	1.8%	1.5%	1.1%	3.2%	1.1%	0.9%	1.0%	1.6%	1.7%	2.3%	2.1%
	2008	1.9%	1.6%	1.2%	2.7%	1.3%	1.1%	1.0%	1.8%	1.4%	2.4%	2.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 167: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Male Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	24	1,892	252	24	63	15	69	73	82	73	59
	2005	26	1,979	275	27	71	33	39	80	68	74	67
	2006	24	2,022	260	25	70	30	43	92	80	83	83
	2007	31	2,232	323	27	69	42	49	101	84	85	63
	2008	36	2,335	361	28	81	35	60	103	91	75	74
	# Change 04-08	12	443	109	4	18	20	-9	30	9	2	15
	% Change 04-08	50.0%	23.4%	43.3%	16.7%	28.6%	133.3%	-13.0%	41.1%	11.0%	2.7%	25.4%
Private Institutions	2004	131	911	80	29	70	14	9	176	41	49	0
	2005	134	887	78	29	49	16	8	188	34	54	0
	2006	158	929	87	36	46	5	11	176	33	52	0
	2007	184	1,004	88	40	73	10	14	186	37	56	0
	2008	173	1,091	89	34	62	8	16	226	32	55	0
	# Change 04-08	42	180	9	5	-8	-6	7	50	-9	6	0
	% Change 04-08	32.1%	19.8%	11.3%	17.2%	-11.4%	-42.9%	77.8%	28.4%	-22.0%	12.2%	N/A
All Institutions	2004	155	2,803	332	53	133	29	78	249	123	122	59
	2005	160	2,866	353	56	120	49	47	268	102	128	67
	2006	182	2,951	347	61	116	35	54	268	113	135	83
	2007	215	3,236	411	67	142	52	63	287	121	141	63
	2008	209	3,426	450	62	143	43	76	329	123	130	74
	# Change 04-08	54	623	118	9	10	14	-2	80	0	8	15
	% Change 04-08	34.8%	22.2%	35.5%	17.0%	7.5%	48.3%	-2.6%	32.1%	0.0%	6.6%	25.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 168: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9.6%	5.8%	9.4%	8.3%	5.4%	2.4%	7.3%	6.0%	9.7%	4.7%	4.6%
	2005	10.4%	5.8%	9.9%	8.4%	5.8%	4.3%	4.4%	6.4%	7.9%	4.5%	5.0%
	2006	9.4%	5.7%	8.9%	6.9%	5.3%	4.1%	4.9%	7.2%	8.7%	5.2%	6.2%
	2007	11.4%	6.1%	10.4%	7.6%	5.2%	5.3%	5.2%	7.6%	8.9%	5.3%	4.6%
	2008	12.7%	6.2%	11.1%	8.1%	5.9%	4.9%	6.3%	7.9%	9.5%	4.5%	5.0%
Private Institutions	2004	4.2%	2.5%	1.7%	5.1%	2.9%	2.1%	1.5%	3.6%	5.5%	2.3%	0.0%
	2005	4.2%	2.4%	1.6%	5.3%	1.9%	2.1%	1.1%	3.6%	4.5%	2.3%	0.0%
	2006	4.6%	2.4%	1.8%	6.9%	1.8%	0.6%	1.7%	3.4%	4.4%	2.2%	0.0%
	2007	5.1%	2.5%	1.8%	7.4%	2.7%	1.0%	2.1%	3.6%	4.4%	2.4%	0.0%
	2008	5.1%	2.8%	1.8%	6.7%	2.3%	0.8%	2.7%	4.2%	4.1%	2.3%	0.0%
All Institutions	2004	4.6%	4.1%	4.6%	6.2%	3.7%	2.3%	5.1%	4.1%	7.7%	3.3%	3.1%
	2005	4.6%	4.0%	4.5%	6.5%	3.2%	3.3%	3.0%	4.1%	6.3%	3.2%	3.3%
	2006	5.0%	4.0%	4.4%	6.9%	3.0%	2.2%	3.5%	4.1%	6.8%	3.4%	3.9%
	2007	5.6%	4.2%	5.1%	7.5%	3.5%	2.9%	3.9%	4.4%	6.8%	3.6%	2.8%
	2008	5.7%	4.4%	5.5%	7.3%	3.5%	2.5%	4.9%	4.9%	7.1%	3.2%	3.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 169: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Asian Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	149	95	0	0	0	3	5	0	2	0
	2005	4	201	152	0	0	0	5	7	0	6	0
	2006	7	259	196	0	0	0	4	7	0	9	0
	2007	6	282	222	0	0	0	7	9	0	9	0
	2008	6	398	328	0	0	3	2	8	0	5	0
	# Change 04-08	0	249	233	0	0	3	-1	3	0	3	0
	% Change 04-08	0.0%	167.1%	245.3%	N/A	N/A	N/A	-33.3%	60.0%	N/A	150.0%	N/A
Private Institutions	2004	0	2	0	0	0	0	0	0	2	0	0
	2005	0	1	1	0	0	0	0	0	0	0	0
	2006	0	1	1	0	0	0	0	0	0	0	0
	2007	0	8	5	0	1	0	0	0	0	0	0
	2008	0	12	9	0	1	0	1	0	0	0	0
	# Change 04-08	0	10	9	0	1	0	1	0	-2	0	0
	% Change 04-08	N/A	500.0%	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A
All Institutions	2004	6	151	95	0	0	0	3	5	2	2	0
	2005	4	202	153	0	0	0	5	7	0	6	0
	2006	7	260	197	0	0	0	4	7	0	9	0
	2007	6	290	227	0	1	0	7	9	0	9	0
	2008	6	410	337	0	1	3	3	8	0	5	0
	# Change 04-08	0	259	242	0	1	3	0	3	-2	3	0
	% Change 04-08	0.0%	171.5%	254.7%	N/A	N/A	N/A	0.0%	60.0%	-100.0%	150.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 170: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.3%	0.4%	0.6%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.5%	0.0%
	2005	0.9%	0.5%	0.9%	0.0%	0.0%	0.0%	0.5%	0.3%	0.0%	1.4%	0.0%
	2006	1.6%	0.6%	1.1%	0.0%	0.0%	0.0%	0.4%	0.3%	0.0%	2.0%	0.0%
	2007	1.2%	0.6%	1.1%	0.0%	0.0%	0.0%	0.7%	0.4%	0.0%	1.8%	0.0%
	2008	1.3%	0.8%	1.6%	0.0%	0.0%	0.4%	0.2%	0.4%	0.0%	0.9%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.8%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.8%	0.2%	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.4%	0.2%	0.0%
	2005	0.5%	0.3%	0.6%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.7%	0.0%
	2006	0.9%	0.4%	0.7%	0.0%	0.0%	0.0%	0.2%	0.2%	0.0%	1.0%	0.0%
	2007	0.7%	0.4%	0.8%	0.0%	0.0%	0.0%	0.5%	0.2%	0.0%	1.0%	0.0%
	2008	0.7%	0.6%	1.1%	0.0%	0.0%	0.3%	0.2%	0.2%	0.0%	0.5%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 171: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Asian Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	39	5,645	2,547	19	250	38	189	217	108	73	104
	2005	49	6,490	2,917	32	291	59	268	229	107	76	169
	2006	64	7,565	3,286	48	334	66	282	268	126	92	167
	2007	73	8,709	3,685	61	372	103	389	312	137	132	209
	2008	97	9,586	4,041	53	354	102	428	364	172	147	280
	# Change 04-08	58	3,941	1,494	34	104	64	239	147	64	74	176
	% Change 04-08	148.7%	69.8%	58.7%	178.9%	41.6%	168.4%	126.5%	67.7%	59.3%	101.4%	169.2%
Private Institutions	2004	245	2,102	327	51	159	23	48	291	36	182	15
	2005	261	2,350	303	62	185	27	49	327	50	237	10
	2006	252	2,467	393	43	218	28	52	394	45	215	18
	2007	293	2,712	401	51	199	42	70	366	74	251	17
	2008	322	3,056	438	62	244	48	61	443	70	250	18
	# Change 04-08	77	954	111	11	85	25	13	152	34	68	3
	% Change 04-08	31.4%	45.4%	33.9%	21.6%	53.5%	108.7%	27.1%	52.2%	94.4%	37.4%	20.0%
All Institutions	2004	284	7,747	2,874	70	409	61	237	508	144	255	119
	2005	310	8,840	3,220	94	476	86	317	556	157	313	179
	2006	316	10,032	3,679	91	552	94	334	662	171	307	185
	2007	366	11,421	4,086	112	571	145	459	678	211	383	226
	2008	419	12,642	4,479	115	598	150	489	807	242	397	298
	# Change 04-08	135	4,895	1,605	45	189	89	252	299	98	142	179
	% Change 04-08	47.5%	63.2%	55.8%	64.3%	46.2%	145.9%	106.3%	58.9%	68.1%	55.7%	150.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 172: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.5%	8.8%	10.0%	5.4%	10.4%	6.2%	8.4%	5.5%	10.8%	6.5%	7.0%
	2005	7.0%	9.5%	10.8%	8.8%	12.4%	8.8%	11.1%	5.1%	11.3%	6.0%	7.7%
	2006	8.9%	10.5%	11.6%	11.5%	13.7%	8.5%	11.9%	6.0%	13.0%	6.8%	7.4%
	2007	9.6%	11.7%	12.9%	13.0%	15.0%	11.8%	15.0%	7.0%	13.1%	9.2%	8.9%
	2008	13.1%	12.6%	13.5%	12.0%	14.4%	10.7%	16.8%	7.4%	15.3%	10.7%	11.5%
Private Institutions	2004	8.6%	7.5%	6.3%	11.8%	7.9%	6.5%	8.8%	5.9%	8.4%	7.7%	9.2%
	2005	9.1%	8.2%	5.6%	13.7%	8.5%	7.0%	8.8%	6.7%	14.1%	9.9%	5.3%
	2006	8.2%	8.3%	7.2%	9.0%	9.9%	7.2%	8.9%	7.6%	10.4%	8.8%	8.3%
	2007	9.6%	8.8%	7.2%	10.6%	8.6%	9.7%	13.1%	6.8%	15.4%	10.6%	7.8%
	2008	10.3%	9.4%	7.8%	12.1%	10.1%	9.0%	10.8%	8.2%	14.0%	9.6%	7.1%
All Institutions	2004	8.2%	8.4%	9.4%	8.9%	9.3%	6.3%	8.5%	5.7%	10.1%	7.3%	7.2%
	2005	8.7%	9.1%	9.9%	11.5%	10.5%	8.1%	10.7%	6.0%	12.0%	8.6%	7.5%
	2006	8.4%	9.8%	10.9%	10.2%	11.9%	8.0%	11.3%	6.9%	12.2%	8.1%	7.5%
	2007	9.6%	10.9%	12.0%	11.8%	11.9%	11.1%	14.7%	6.9%	13.8%	10.1%	8.8%
	2008	10.8%	11.6%	12.6%	12.1%	12.3%	10.1%	15.7%	7.8%	14.9%	10.0%	11.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 173: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Asian Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	381	98	3	6	9	22	17	16	11	18
	2005	5	401	88	4	8	7	27	7	11	6	34
	2006	8	454	131	5	12	6	7	16	10	10	31
	2007	10	493	122	7	16	4	14	8	16	10	41
	2008	7	529	138	6	11	9	4	25	6	12	45
	# Change 04-08	1	148	40	3	5	0	-18	8	-10	1	27
	% Change 04-08	16.7%	38.8%	40.8%	100.0%	83.3%	0.0%	-81.8%	47.1%	-62.5%	9.1%	150.0%
Private Institutions	2004	60	456	29	17	53	0	2	84	5	52	0
	2005	52	486	25	22	53	0	6	88	0	75	7
	2006	62	511	42	13	65	0	3	96	4	86	5
	2007	70	525	26	21	55	0	2	96	3	95	9
	2008	74	579	33	27	66	0	5	92	3	76	5
	# Change 04-08	14	123	4	10	13	0	3	8	-2	24	5
	% Change 04-08	23.3%	27.0%	13.8%	58.8%	24.5%	N/A	150.0%	9.5%	-40.0%	46.2%	N/A
All Institutions	2004	66	837	127	20	59	9	24	101	21	63	18
	2005	57	887	113	26	61	7	33	95	11	81	41
	2006	70	965	173	18	77	6	10	112	14	96	36
	2007	80	1,018	148	28	71	4	16	104	19	105	50
	2008	81	1,108	171	33	77	9	9	117	9	88	50
	# Change 04-08	15	271	44	13	18	0	-15	16	-12	25	32
	% Change 04-08	22.7%	32.4%	34.6%	65.0%	30.5%	0.0%	-62.5%	15.8%	-57.1%	39.7%	177.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 174: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.7%	2.8%	2.8%	4.5%	1.2%	6.6%	4.3%	2.0%	5.6%	3.2%	7.7%
	2005	2.9%	2.7%	2.2%	4.5%	1.5%	5.0%	4.9%	0.8%	3.5%	1.8%	6.6%
	2006	4.6%	3.0%	3.1%	5.0%	2.3%	3.2%	1.3%	1.9%	3.7%	2.9%	5.8%
	2007	5.1%	3.0%	2.8%	8.8%	2.6%	2.0%	2.4%	0.9%	5.6%	3.4%	5.5%
	2008	3.3%	3.2%	3.0%	5.3%	1.9%	3.7%	0.7%	2.5%	2.5%	4.1%	8.2%
Private Institutions	2004	4.8%	2.9%	0.8%	5.7%	3.6%	0.0%	0.6%	3.0%	2.5%	6.0%	0.0%
	2005	4.0%	2.9%	0.6%	7.5%	3.3%	0.0%	1.6%	3.1%	0.0%	7.5%	7.1%
	2006	4.5%	3.0%	1.1%	4.8%	4.1%	0.0%	0.8%	3.0%	1.4%	9.2%	5.1%
	2007	4.9%	2.9%	0.6%	7.2%	3.2%	0.0%	0.6%	3.0%	0.9%	9.4%	9.0%
	2008	5.0%	3.0%	0.8%	9.2%	3.5%	0.0%	1.2%	3.0%	0.8%	6.9%	1.5%
All Institutions	2004	4.8%	2.9%	1.7%	5.5%	3.0%	3.0%	2.8%	2.7%	4.3%	5.2%	5.6%
	2005	3.8%	2.8%	1.4%	6.8%	2.8%	2.1%	3.6%	2.6%	2.1%	6.1%	6.7%
	2006	4.5%	3.0%	2.1%	4.8%	3.7%	1.6%	1.1%	2.7%	2.5%	7.5%	5.7%
	2007	4.9%	3.0%	1.8%	7.5%	3.0%	0.9%	1.7%	2.5%	3.1%	8.0%	5.9%
	2008	4.8%	3.1%	2.0%	8.1%	3.1%	1.7%	0.9%	2.9%	1.5%	6.3%	5.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 175: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Asian Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9	284	88	1	9	3	7	14	9	17	5
	2005	1	281	75	3	13	3	4	11	9	5	7
	2006	0	268	77	1	14	5	9	15	5	19	5
	2007	8	342	93	0	21	4	16	9	6	9	9
	2008	3	343	109	0	16	4	13	10	9	8	10
	# Change 04-08	-6	59	21	-1	7	1	6	-4	0	-9	5
	% Change 04-08	-66.7%	20.8%	23.9%	-100.0%	77.8%	33.3%	85.7%	-28.6%	0.0%	-52.9%	100.0%
Private Institutions	2004	34	185	27	4	17	1	2	41	14	9	0
	2005	25	206	33	7	13	1	4	55	5	13	0
	2006	27	195	25	7	15	2	3	55	12	15	0
	2007	37	193	25	14	11	1	2	39	4	12	0
	2008	33	211	30	8	16	3	4	42	13	14	0
	# Change 04-08	-1	26	3	4	-1	2	2	1	-1	5	0
	% Change 04-08	-2.9%	14.1%	11.1%	100.0%	-5.9%	200.0%	100.0%	2.4%	-7.1%	55.6%	N/A
All Institutions	2004	43	469	115	5	26	4	9	55	23	26	5
	2005	26	487	108	10	26	4	8	66	14	18	7
	2006	27	463	102	8	29	7	12	70	17	34	5
	2007	45	535	118	14	32	5	18	48	10	21	9
	2008	36	554	139	8	32	7	17	52	22	22	10
	# Change 04-08	-7	85	24	3	6	3	8	-3	-1	-4	5
	% Change 04-08	-16.3%	18.1%	20.9%	60.0%	23.1%	75.0%	88.9%	-5.5%	-4.3%	-15.4%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 176: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.9%	5.4%	9.5%	3.2%	3.5%	3.8%	2.3%	4.8%	9.3%	5.9%	3.2%
	2005	4.2%	5.1%	8.1%	7.1%	4.6%	3.4%	1.3%	3.6%	10.1%	2.0%	3.6%
	2006	0.0%	4.7%	8.1%	2.0%	4.7%	5.3%	2.9%	4.6%	4.8%	6.1%	3.0%
	2007	22.9%	5.5%	9.2%	0.0%	4.2%	4.0%	4.9%	2.7%	6.1%	3.0%	5.3%
	2008	11.5%	5.5%	10.1%	0.0%	4.8%	4.2%	3.3%	2.8%	9.7%	2.5%	4.5%
Private Institutions	2004	4.2%	2.7%	1.6%	6.3%	3.4%	1.8%	3.5%	3.4%	11.9%	1.9%	0.0%
	2005	3.3%	2.8%	1.8%	10.6%	2.2%	1.9%	5.8%	4.1%	3.5%	2.6%	0.0%
	2006	3.6%	2.6%	1.4%	9.3%	2.4%	3.3%	3.9%	4.2%	9.5%	3.0%	0.0%
	2007	4.1%	2.4%	1.3%	18.2%	1.8%	1.4%	2.6%	2.7%	2.6%	2.2%	0.0%
	2008	4.0%	2.6%	1.6%	9.5%	2.6%	3.5%	5.7%	2.9%	9.6%	2.5%	0.0%
All Institutions	2004	5.0%	3.9%	4.4%	5.3%	3.4%	3.0%	2.5%	3.7%	10.7%	3.4%	2.5%
	2005	3.3%	3.8%	4.0%	9.3%	3.0%	2.9%	2.2%	4.0%	6.1%	2.4%	2.8%
	2006	3.5%	3.5%	3.8%	6.5%	3.1%	4.5%	3.1%	4.2%	7.4%	4.2%	2.2%
	2007	4.8%	3.7%	4.1%	11.2%	2.8%	2.9%	4.5%	2.7%	3.9%	2.5%	3.4%
	2008	4.2%	3.9%	4.7%	6.9%	3.4%	3.9%	3.7%	2.9%	9.6%	2.5%	3.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 177: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Black Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	108	25	0	0	0	16	15	2	4	0
	2005	5	128	21	0	0	0	20	28	0	6	0
	2006	3	157	31	0	0	0	20	43	0	5	0
	2007	20	186	34	0	0	0	15	32	0	12	0
	2008	11	234	102	0	0	0	18	25	1	6	0
	# Change 04-08	6	126	77	0	0	0	2	10	-1	2	0
	% Change 04-08	120.0%	116.7%	308.0%	N/A	N/A	N/A	12.5%	66.7%	-50.0%	50.0%	N/A
Private Institutions	2004	1	3	0	0	0	0	0	1	0	0	0
	2005	0	9	1	0	0	0	0	2	4	0	0
	2006	1	6	0	0	0	0	0	0	4	0	0
	2007	2	18	5	0	1	0	3	1	3	0	0
	2008	0	16	1	0	0	0	9	0	3	1	0
	# Change 04-08	-1	13	1	0	0	0	9	-1	3	1	0
	% Change 04-08	-100.0%	433.3%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A
All Institutions	2004	6	111	25	0	0	0	16	16	2	4	0
	2005	5	137	22	0	0	0	20	30	4	6	0
	2006	4	163	31	0	0	0	20	43	4	5	0
	2007	22	204	39	0	1	0	18	33	3	12	0
	2008	11	250	103	0	0	0	27	25	4	7	0
	# Change 04-08	5	139	78	0	0	0	11	9	2	3	0
	% Change 04-08	83.3%	125.2%	312.0%	N/A	N/A	N/A	68.8%	56.3%	100.0%	75.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 178: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.1%	0.3%	0.0%	0.0%	0.0%	0.9%	0.3%	0.0%	0.2%	0.0%
	2005	0.5%	0.1%	0.2%	0.0%	0.0%	0.0%	1.1%	0.5%	0.0%	0.3%	0.0%
	2006	0.3%	0.1%	0.3%	0.0%	0.0%	0.0%	1.0%	0.7%	0.0%	0.3%	0.0%
	2007	1.7%	0.2%	0.4%	0.0%	0.0%	0.0%	0.8%	0.5%	0.0%	0.6%	0.0%
	2008	1.0%	0.2%	1.0%	0.0%	0.0%	0.0%	0.9%	0.4%	0.0%	0.3%	0.0%
Private Institutions	2004	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%
	2006	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2007	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.2%	0.0%	0.0%
All Institutions	2004	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.4%	0.2%	0.0%	0.1%	0.0%
	2006	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.4%	0.3%	0.0%	0.1%	0.0%
	2007	1.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.4%	0.2%	0.0%	0.1%	0.0%
	2008	0.5%	0.1%	0.6%	0.0%	0.0%	0.0%	0.5%	0.2%	0.0%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 179: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Black Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	38	3,206	182	19	97	20	101	122	301	79	132
	2005	48	3,268	181	8	92	17	106	162	237	78	129
	2006	43	3,511	197	14	82	30	137	171	292	93	142
	2007	45	3,789	205	23	99	36	123	208	284	105	160
	2008	40	3,935	240	26	92	40	146	224	264	102	125
	# Change 04-08	2	729	58	7	-5	20	45	102	-37	23	-7
	% Change 04-08	5.3%	22.7%	31.9%	36.8%	-5.2%	100.0%	44.6%	83.6%	-12.3%	29.1%	-5.3%
Private Institutions	2004	65	1,727	40	34	46	10	20	126	79	69	89
	2005	75	1,705	37	23	35	6	42	108	99	64	83
	2006	73	1,738	36	25	37	7	30	128	90	68	98
	2007	62	1,923	44	24	49	13	31	156	98	87	100
	2008	89	1,909	50	28	66	13	40	143	97	102	99
	# Change 04-08	24	182	10	-6	20	3	20	17	18	33	10
	% Change 04-08	36.9%	10.5%	25.0%	-17.6%	43.5%	30.0%	100.0%	13.5%	22.8%	47.8%	11.2%
All Institutions	2004	103	4,933	222	53	143	30	121	248	380	148	221
	2005	123	4,973	218	31	127	23	148	270	336	142	212
	2006	116	5,249	233	39	119	37	167	299	382	161	240
	2007	107	5,712	249	47	148	49	154	364	382	192	260
	2008	129	5,844	290	54	158	53	186	367	361	204	224
	# Change 04-08	26	911	68	1	15	23	65	119	-19	56	3
	% Change 04-08	25.2%	18.5%	30.6%	1.9%	10.5%	76.7%	53.7%	48.0%	-5.0%	37.8%	1.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 180: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.9%	4.1%	4.2%	3.7%	3.0%	5.4%	4.6%	2.1%	5.8%	3.0%	3.6%
	2005	7.4%	4.0%	4.2%	1.5%	2.9%	5.3%	4.6%	2.6%	4.4%	2.8%	3.5%
	2006	6.0%	4.2%	4.2%	2.4%	2.7%	7.1%	5.5%	2.8%	5.4%	3.2%	3.8%
	2007	6.3%	4.4%	4.3%	3.6%	3.0%	7.1%	4.9%	3.4%	4.9%	3.6%	4.2%
	2008	5.3%	4.5%	4.8%	4.2%	2.8%	7.5%	5.7%	3.5%	4.5%	3.6%	3.3%
Private Institutions	2004	3.5%	3.6%	1.8%	5.4%	1.7%	4.3%	2.7%	2.2%	3.2%	3.1%	5.3%
	2005	3.8%	3.3%	1.5%	3.7%	1.0%	2.2%	4.8%	1.8%	4.0%	2.8%	4.4%
	2006	3.7%	3.2%	1.5%	3.6%	1.0%	2.4%	3.4%	2.1%	3.5%	2.5%	4.8%
	2007	3.0%	3.4%	1.7%	3.4%	1.2%	4.0%	3.6%	2.5%	3.6%	3.4%	4.7%
	2008	4.0%	3.2%	1.9%	4.2%	1.7%	3.3%	4.4%	2.3%	3.4%	3.6%	4.4%
All Institutions	2004	4.1%	3.9%	3.4%	4.6%	2.4%	4.9%	4.1%	2.2%	4.9%	3.0%	4.1%
	2005	4.7%	3.8%	3.2%	2.7%	1.9%	3.9%	4.7%	2.2%	4.3%	2.8%	3.8%
	2006	4.3%	3.8%	3.3%	3.1%	1.7%	5.2%	4.9%	2.5%	4.8%	2.9%	4.2%
	2007	3.9%	4.0%	3.4%	3.5%	2.0%	5.9%	4.6%	2.9%	4.5%	3.5%	4.4%
	2008	4.4%	4.0%	3.8%	4.2%	2.2%	5.7%	5.4%	2.9%	4.1%	3.6%	3.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 181: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Black Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	264	14	2	2	1	8	21	17	6	20
	2005	2	226	8	5	6	2	7	12	15	4	16
	2006	2	260	16	3	6	4	11	11	16	4	15
	2007	2	268	13	4	8	4	3	7	17	4	12
	2008	2	324	17	8	13	2	3	22	24	7	15
	# Change 04-08	-1	60	3	6	11	1	-5	1	7	1	-5
	% Change 04-08	-33.3%	22.7%	21.4%	300.0%	550.0%	100.0%	-62.5%	4.8%	41.2%	16.7%	-25.0%
Private Institutions	2004	8	169	5	2	4	0	2	42	3	20	10
	2005	11	197	8	4	5	1	1	41	1	28	18
	2006	13	219	7	9	5	0	2	47	2	29	22
	2007	13	238	2	5	7	0	1	50	0	34	23
	2008	19	242	7	4	8	2	1	38	1	22	16
	# Change 04-08	11	73	2	2	4	2	-1	-4	-2	2	6
	% Change 04-08	137.5%	43.2%	40.0%	100.0%	100.0%	N/A	-50.0%	-9.5%	-66.7%	10.0%	60.0%
All Institutions	2004	11	433	19	4	6	1	10	63	20	26	30
	2005	13	423	16	9	11	3	8	53	16	32	34
	2006	15	479	23	12	11	4	13	58	18	33	37
	2007	15	506	15	9	15	4	4	57	17	38	35
	2008	21	566	24	12	21	4	4	60	25	29	31
	# Change 04-08	10	133	5	8	15	3	-6	-3	5	3	1
	% Change 04-08	90.9%	30.7%	26.3%	200.0%	250.0%	300.0%	-60.0%	-4.8%	25.0%	11.5%	3.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 182: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.8%	1.1%	1.3%	1.2%	0.2%	1.1%	1.3%	1.2%	1.8%	0.7%	1.9%
	2005	1.6%	0.9%	0.7%	3.2%	0.6%	2.1%	1.2%	0.7%	1.3%	0.6%	1.5%
	2006	1.5%	1.0%	1.3%	1.4%	0.6%	3.4%	1.6%	0.6%	1.4%	0.6%	1.4%
	2007	1.1%	1.0%	1.1%	2.2%	0.7%	3.3%	0.4%	0.4%	1.3%	0.6%	1.1%
	2008	1.1%	1.2%	1.4%	3.0%	1.2%	1.2%	0.4%	1.3%	1.7%	1.0%	1.4%
Private Institutions	2004	0.6%	0.7%	0.2%	0.8%	0.2%	0.0%	0.6%	1.2%	0.9%	2.0%	2.1%
	2005	0.8%	0.7%	0.4%	1.2%	0.2%	0.2%	0.3%	1.2%	0.3%	2.4%	3.6%
	2006	0.8%	0.7%	0.3%	2.6%	0.2%	0.0%	0.6%	1.3%	0.4%	2.4%	4.3%
	2007	0.8%	0.7%	0.1%	1.5%	0.2%	0.0%	0.3%	1.3%	0.0%	2.4%	3.5%
	2008	1.2%	0.7%	0.3%	1.3%	0.3%	0.2%	0.3%	1.0%	0.2%	1.5%	2.0%
All Institutions	2004	0.7%	0.9%	0.6%	0.9%	0.2%	0.2%	1.1%	1.2%	1.5%	1.4%	2.0%
	2005	0.8%	0.8%	0.5%	1.8%	0.3%	0.5%	0.9%	1.1%	1.1%	1.8%	2.2%
	2006	0.9%	0.8%	0.7%	2.1%	0.3%	0.5%	1.2%	1.1%	1.1%	1.7%	2.3%
	2007	0.9%	0.8%	0.5%	1.8%	0.4%	0.4%	0.4%	1.0%	0.9%	1.8%	2.0%
	2008	1.2%	0.9%	0.7%	2.1%	0.5%	0.3%	0.4%	1.1%	1.3%	1.4%	1.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 183: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Black Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	82	4	0	1	1	3	3	4	6	2
	2005	1	72	3	1	0	0	1	7	3	4	5
	2006	0	93	9	2	3	2	1	6	8	10	3
	2007	1	96	10	2	4	3	1	5	9	3	2
	2008	0	138	9	1	3	1	5	7	15	4	5
	# Change 04-08	0	56	5	1	2	0	2	4	11	-2	3
	% Change 04-08	N/A	68.3%	125.0%	N/A	200.0%	0.0%	66.7%	133.3%	275.0%	-33.3%	150.0%
Private Institutions	2004	9	72	3	2	1	0	0	6	2	5	0
	2005	2	77	10	2	2	0	0	12	2	4	0
	2006	7	72	4	5	2	0	0	7	2	5	0
	2007	7	76	3	3	4	1	1	13	3	3	0
	2008	5	86	4	3	11	1	0	13	12	3	0
	# Change 04-08	-4	14	1	1	10	1	0	7	10	-2	0
	% Change 04-08	-44.4%	19.4%	33.3%	50.0%	1,000.0%	N/A	N/A	116.7%	500.0%	-40.0%	N/A
All Institutions	2004	9	154	7	2	2	1	3	9	6	11	2
	2005	3	149	13	3	2	0	1	19	5	8	5
	2006	7	165	13	7	5	2	1	13	10	15	3
	2007	8	172	13	5	8	4	2	18	12	6	2
	2008	5	224	13	4	14	2	5	20	27	7	5
	# Change 04-08	-4	70	6	2	12	1	2	11	21	-4	3
	% Change 04-08	-44.4%	45.5%	85.7%	100.0%	600.0%	100.0%	66.7%	122.2%	350.0%	-36.4%	150.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 184: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	2.3%	3.0%	0.0%	0.8%	4.2%	2.5%	2.1%	2.2%	2.8%	1.3%
	2005	4.5%	2.0%	2.3%	3.8%	0.0%	0.0%	0.8%	5.2%	1.4%	1.9%	3.2%
	2006	0.0%	2.5%	6.5%	5.6%	2.4%	7.7%	0.8%	4.3%	4.2%	4.5%	2.0%
	2007	4.8%	2.4%	7.1%	6.5%	3.3%	8.8%	0.8%	3.8%	4.3%	1.4%	1.2%
	2008	0.0%	3.4%	5.9%	2.5%	2.5%	3.1%	3.0%	5.4%	6.8%	2.3%	3.0%
Private Institutions	2004	3.5%	1.5%	0.8%	2.9%	0.4%	0.0%	0.0%	1.1%	1.6%	2.6%	0.0%
	2005	0.7%	1.5%	2.5%	3.9%	0.7%	0.0%	0.0%	2.3%	1.6%	1.5%	0.0%
	2006	2.5%	1.4%	1.1%	8.5%	0.8%	0.0%	0.0%	1.2%	1.5%	2.1%	0.0%
	2007	2.3%	1.4%	0.7%	5.5%	1.3%	0.5%	1.0%	2.2%	1.8%	1.4%	0.0%
	2008	1.7%	1.6%	1.0%	5.4%	3.6%	0.5%	0.0%	2.4%	8.8%	1.2%	0.0%
All Institutions	2004	3.2%	1.8%	1.4%	2.2%	0.6%	0.9%	1.6%	1.3%	2.0%	2.7%	0.5%
	2005	0.9%	1.7%	2.4%	3.9%	0.5%	0.0%	0.5%	2.9%	1.5%	1.7%	1.2%
	2006	2.4%	1.9%	2.6%	7.4%	1.3%	1.3%	0.5%	1.8%	3.1%	3.3%	0.7%
	2007	2.4%	1.8%	2.3%	5.8%	1.9%	1.6%	0.9%	2.5%	3.2%	1.4%	0.5%
	2008	1.6%	2.4%	2.4%	4.2%	3.3%	0.8%	2.0%	3.0%	7.5%	1.6%	1.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 185: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Hispanic Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	198	73	0	0	0	7	3	0	3	0
	2005	2	219	88	0	0	0	2	2	0	3	0
	2006	2	285	122	0	0	0	3	6	0	1	0
	2007	4	340	126	0	0	0	6	9	0	4	0
	2008	5	379	148	0	0	0	11	4	0	5	0
	# Change 04-08	3	181	75	0	0	0	4	1	0	2	0
	% Change 04-08	150.0%	91.4%	102.7%	N/A	N/A	N/A	57.1%	33.3%	N/A	66.7%	N/A
Private Institutions	2004	1	2	0	0	0	0	0	0	0	0	0
	2005	0	8	2	1	0	0	0	2	0	1	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	22	5	0	0	0	1	0	0	0	0
	2008	0	21	3	0	0	0	7	0	0	0	0
	# Change 04-08	-1	19	3	0	0	0	7	0	0	0	0
	% Change 04-08	-100.0%	950.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	3	200	73	0	0	0	7	3	0	3	0
	2005	2	227	90	1	0	0	2	4	0	4	0
	2006	2	286	122	0	0	0	3	6	0	1	0
	2007	4	362	131	0	0	0	7	9	0	4	0
	2008	5	400	151	0	0	0	18	4	0	5	0
	# Change 04-08	2	200	78	0	0	0	11	1	0	2	0
	% Change 04-08	66.7%	100.0%	106.8%	N/A	N/A	N/A	157.1%	33.3%	N/A	66.7%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 186: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	0.2%	0.3%	0.0%	0.0%	0.0%	0.5%	0.1%	0.0%	0.7%	0.0%
	2005	0.3%	0.2%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.7%	0.0%
	2006	0.3%	0.3%	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%
	2007	0.6%	0.3%	0.4%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.7%	0.0%
	2008	0.6%	0.3%	0.4%	0.0%	0.0%	0.0%	0.6%	0.1%	0.0%	0.8%	0.0%
Private Institutions	2004	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.2%	0.0%
	2005	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2006	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2007	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%
	2008	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 187: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Hispanic Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25	3,248	722	12	81	13	118	71	27	14	39
	2005	16	3,408	748	17	64	6	102	81	33	19	43
	2006	20	3,751	789	23	75	6	117	101	46	37	36
	2007	14	3,852	767	22	65	13	133	75	45	30	50
	2008	26	4,280	850	20	71	10	158	105	45	37	52
	# Change 04-08	1	1,032	128	8	-10	-3	40	34	18	23	13
	% Change 04-08	4.0%	31.8%	17.7%	66.7%	-12.3%	-23.1%	33.9%	47.9%	66.7%	164.3%	33.3%
Private Institutions	2004	64	1,317	113	24	54	4	23	129	12	44	10
	2005	76	1,345	129	25	55	9	29	107	21	43	8
	2006	57	1,290	128	14	46	7	29	116	19	36	5
	2007	78	1,510	145	29	74	13	34	122	23	63	15
	2008	92	1,616	172	23	69	10	46	159	29	50	7
	# Change 04-08	28	299	59	-1	15	6	23	30	17	6	-3
	% Change 04-08	43.8%	22.7%	52.2%	-4.2%	27.8%	150.0%	100.0%	23.3%	141.7%	13.6%	-30.0%
All Institutions	2004	89	4,565	835	36	135	17	141	200	39	58	49
	2005	92	4,753	877	42	119	15	131	188	54	62	51
	2006	77	5,041	917	37	121	13	146	217	65	73	41
	2007	92	5,362	912	51	139	26	167	197	68	93	65
	2008	118	5,896	1,022	43	140	20	204	264	74	87	59
	# Change 04-08	29	1,331	187	7	5	3	63	64	35	29	10
	% Change 04-08	32.6%	29.2%	22.4%	19.4%	3.7%	17.6%	44.7%	32.0%	89.7%	50.0%	20.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 188: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.8%	4.5%	4.0%	2.8%	4.6%	6.3%	5.5%	1.8%	6.3%	2.1%	5.4%
	2005	3.6%	4.5%	3.9%	4.1%	3.4%	2.7%	4.6%	1.8%	6.4%	2.5%	5.1%
	2006	4.0%	4.7%	3.9%	4.7%	4.0%	2.6%	4.8%	2.2%	7.9%	4.5%	3.8%
	2007	2.8%	4.6%	3.6%	4.3%	3.2%	5.5%	5.4%	1.6%	6.9%	3.6%	4.9%
	2008	4.7%	4.8%	3.7%	3.6%	3.2%	3.2%	6.0%	2.1%	6.4%	4.0%	4.5%
Private Institutions	2004	3.7%	3.3%	2.1%	5.7%	2.5%	2.2%	3.3%	2.5%	4.0%	4.5%	5.2%
	2005	4.4%	3.3%	2.2%	5.1%	2.2%	5.0%	3.7%	2.0%	6.0%	4.2%	4.2%
	2006	3.1%	3.0%	2.0%	2.7%	1.7%	3.9%	3.8%	2.3%	5.1%	3.1%	2.2%
	2007	4.1%	3.3%	2.2%	5.2%	2.4%	6.5%	4.2%	2.2%	5.9%	5.2%	5.5%
	2008	4.3%	3.4%	2.4%	4.0%	2.2%	4.4%	4.7%	3.0%	7.8%	3.7%	2.2%
All Institutions	2004	4.2%	4.1%	3.5%	4.3%	3.5%	4.4%	4.9%	2.2%	5.4%	3.5%	5.4%
	2005	4.2%	4.1%	3.5%	4.7%	2.7%	3.7%	4.3%	1.9%	6.3%	3.5%	5.0%
	2006	3.3%	4.1%	3.4%	3.6%	2.6%	3.2%	4.6%	2.2%	6.8%	3.7%	3.5%
	2007	3.8%	4.1%	3.3%	4.8%	2.8%	5.9%	5.1%	1.9%	6.5%	4.5%	5.0%
	2008	4.4%	4.3%	3.4%	3.8%	2.6%	3.7%	5.7%	2.6%	6.9%	3.8%	4.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 189: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Hispanic Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	235	44	1	2	1	8	7	3	2	6
	2005	1	248	47	1	6	2	10	12	1	5	1
	2006	3	250	40	5	5	1	10	8	4	3	4
	2007	3	287	48	4	6	0	5	4	2	5	12
	2008	5	326	48	0	6	1	9	15	3	4	9
	# Change 04-08	4	91	4	-1	4	0	1	8	0	2	3
	% Change 04-08	400.0%	38.7%	9.1%	-100.0%	200.0%	0.0%	12.5%	114.3%	0.0%	100.0%	50.0%
Private Institutions	2004	12	109	6	3	4	0	2	37	0	13	0
	2005	15	130	10	7	3	2	2	37	2	10	2
	2006	16	160	10	2	8	0	2	38	0	18	1
	2007	10	158	5	14	7	0	2	46	0	21	1
	2008	19	171	19	4	9	2	1	37	0	17	2
	# Change 04-08	7	62	13	1	5	2	-1	0	0	4	2
	% Change 04-08	58.3%	56.9%	216.7%	33.3%	125.0%	N/A	-50.0%	0.0%	N/A	30.8%	N/A
All Institutions	2004	13	344	50	4	6	1	10	44	3	15	6
	2005	16	378	57	8	9	4	12	49	3	15	3
	2006	19	410	50	7	13	1	12	46	4	21	5
	2007	13	445	53	18	13	0	7	50	2	26	13
	2008	24	497	67	4	15	3	10	52	3	21	11
	# Change 04-08	11	153	17	0	9	2	0	8	0	6	5
	% Change 04-08	84.6%	44.5%	34.0%	0.0%	150.0%	200.0%	0.0%	18.2%	0.0%	40.0%	83.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 190: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.6%	1.6%	0.9%	0.5%	2.1%	2.1%	0.7%	2.5%	1.4%	1.5%
	2005	0.6%	1.6%	1.6%	0.8%	1.3%	3.3%	2.4%	1.2%	0.9%	3.5%	0.5%
	2006	1.4%	1.5%	1.2%	4.0%	1.1%	1.8%	2.2%	0.7%	3.3%	2.1%	1.6%
	2007	1.9%	1.7%	1.4%	2.8%	1.2%	0.0%	1.2%	0.4%	1.5%	2.8%	4.1%
	2008	2.4%	1.8%	1.3%	0.0%	1.2%	1.4%	1.8%	1.3%	2.1%	2.2%	3.3%
Private Institutions	2004	1.7%	0.6%	0.2%	1.7%	0.5%	0.0%	0.8%	1.0%	0.0%	4.5%	0.0%
	2005	2.1%	0.7%	0.3%	3.8%	0.3%	0.9%	0.8%	1.1%	2.7%	2.9%	2.5%
	2006	2.1%	0.8%	0.3%	1.2%	0.7%	0.0%	0.7%	1.6%	0.0%	5.3%	1.2%
	2007	1.2%	0.7%	0.1%	7.0%	0.6%	0.0%	0.7%	1.8%	0.0%	5.3%	1.0%
	2008	2.5%	0.8%	0.5%	2.0%	0.7%	0.5%	0.3%	1.4%	0.0%	3.8%	1.7%
All Institutions	2004	1.5%	1.1%	0.8%	1.4%	0.5%	0.6%	1.6%	1.0%	1.5%	3.5%	1.3%
	2005	1.8%	1.1%	0.9%	2.6%	0.6%	1.5%	1.8%	1.1%	1.6%	3.0%	1.1%
	2006	1.9%	1.1%	0.7%	2.4%	0.8%	0.3%	1.6%	1.3%	1.9%	4.3%	1.5%
	2007	1.4%	1.1%	0.7%	5.3%	0.7%	0.0%	1.0%	1.4%	0.8%	4.5%	3.3%
	2008	2.5%	1.2%	0.9%	1.2%	0.9%	0.7%	1.2%	1.3%	1.2%	3.3%	2.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 191: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Hispanic Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	106	25	0	2	0	4	4	1	3	3
	2005	0	139	26	1	4	4	2	4	4	5	2
	2006	0	122	24	0	2	0	9	3	4	4	2
	2007	3	141	30	1	2	0	5	4	5	2	4
	2008	1	167	42	0	3	2	4	10	5	4	3
	# Change 04-08	1	61	17	0	1	2	0	6	4	1	0
	% Change 04-08	N/A	57.5%	68.0%	N/A	50.0%	N/A	0.0%	150.0%	400.0%	33.3%	0.0%
Private Institutions	2004	8	72	3	4	2	5	3	17	4	1	0
	2005	6	65	6	1	0	3	0	25	1	4	0
	2006	14	64	9	4	1	1	0	16	1	4	0
	2007	7	61	9	3	5	3	0	11	1	6	0
	2008	14	84	8	3	2	3	0	20	1	3	0
	# Change 04-08	6	12	5	-1	0	-2	-3	3	-3	2	0
	% Change 04-08	75.0%	16.7%	166.7%	-25.0%	0.0%	-40.0%	-100.0%	17.6%	-75.0%	200.0%	N/A
All Institutions	2004	8	178	28	4	4	5	7	21	5	4	3
	2005	6	204	32	2	4	7	2	29	5	9	2
	2006	14	186	33	4	3	1	9	19	5	8	2
	2007	10	202	39	4	7	3	5	15	6	8	4
	2008	15	251	50	3	5	5	4	30	6	7	3
	# Change 04-08	7	73	22	-1	1	0	-3	9	1	3	0
	% Change 04-08	87.5%	41.0%	78.6%	-25.0%	25.0%	0.0%	-42.9%	42.9%	20.0%	75.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 192: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	3.8%	8.0%	0.0%	2.7%	0.0%	3.7%	3.3%	3.6%	3.3%	3.9%
	2005	0.0%	4.7%	7.8%	3.7%	3.7%	16.0%	2.1%	4.4%	10.0%	6.5%	5.3%
	2006	0.0%	3.9%	6.9%	0.0%	2.0%	0.0%	8.4%	3.6%	11.4%	4.4%	7.1%
	2007	23.1%	4.4%	8.8%	4.2%	1.7%	0.0%	5.1%	4.1%	13.5%	2.2%	9.1%
	2008	5.9%	4.8%	12.1%	0.0%	2.7%	7.1%	3.1%	10.1%	10.0%	5.4%	5.2%
Private Institutions	2004	4.0%	1.9%	0.5%	7.5%	1.3%	17.9%	6.7%	3.5%	11.8%	1.0%	0.0%
	2005	2.7%	1.6%	0.9%	2.6%	0.0%	8.1%	0.0%	5.1%	3.3%	3.1%	0.0%
	2006	6.7%	1.6%	1.4%	8.7%	0.6%	2.2%	0.0%	3.3%	2.9%	3.2%	0.0%
	2007	2.8%	1.4%	1.2%	4.2%	2.5%	7.0%	0.0%	2.3%	2.1%	5.3%	0.0%
	2008	6.1%	1.9%	1.1%	7.1%	1.1%	4.1%	0.0%	3.8%	2.8%	2.3%	0.0%
All Institutions	2004	3.7%	2.7%	3.0%	5.8%	1.7%	11.1%	4.6%	3.5%	8.1%	2.1%	3.4%
	2005	2.5%	2.9%	3.1%	3.0%	1.5%	11.3%	1.4%	5.0%	7.1%	4.4%	3.2%
	2006	6.3%	2.6%	3.3%	4.5%	1.1%	1.5%	5.9%	3.4%	7.1%	3.7%	4.3%
	2007	3.8%	2.7%	3.7%	4.2%	2.2%	4.3%	3.4%	2.6%	7.1%	3.9%	5.7%
	2008	6.0%	3.2%	4.8%	4.5%	1.7%	4.9%	2.5%	4.8%	7.0%	3.4%	3.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 193: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - White Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	875	197	0	0	2	9	17	14	43	0
	2005	11	1,011	188	2	0	3	9	29	0	41	0
	2006	5	1,022	226	1	0	4	9	25	3	51	0
	2007	7	1,082	256	2	0	7	20	36	18	48	0
	2008	10	1,266	364	1	0	8	13	33	3	62	0
	# Change 04-08	2	391	167	1	0	6	4	16	-11	19	0
	% Change 04-08	25.0%	44.7%	84.8%	N/A	N/A	300.0%	44.4%	94.1%	-78.6%	44.2%	N/A
Private Institutions	2004	0	43	0	3	0	0	0	0	6	2	0
	2005	1	39	4	3	0	0	0	0	5	2	0
	2006	2	33	2	1	0	2	0	0	9	3	0
	2007	0	79	17	0	4	0	3	0	9	3	0
	2008	0	35	10	0	3	0	4	0	0	4	0
	# Change 04-08	0	-8	10	-3	3	0	4	0	-6	2	0
	% Change 04-08	N/A	-18.6%	N/A	-100.0%	N/A	N/A	N/A	N/A	-100.0%	100.0%	N/A
All Institutions	2004	8	918	197	3	0	2	9	17	20	45	0
	2005	12	1,050	192	5	0	3	9	29	5	43	0
	2006	7	1,055	228	2	0	6	9	25	12	54	0
	2007	7	1,161	273	2	4	7	23	36	27	51	0
	2008	10	1,301	374	1	3	8	17	33	3	66	0
	# Change 04-08	2	383	177	-2	3	6	8	16	-17	21	0
	% Change 04-08	25.0%	41.7%	89.8%	-66.7%	N/A	300.0%	88.9%	94.1%	-85.0%	46.7%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 194: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.1%	0.4%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.3%	0.0%
	2005	0.1%	0.2%	0.4%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.3%	0.0%
	2006	0.1%	0.2%	0.4%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.3%	0.0%
	2007	0.1%	0.2%	0.5%	0.1%	0.0%	0.0%	0.2%	0.1%	0.1%	0.3%	0.0%
	2008	0.1%	0.2%	0.7%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.4%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2007	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%
	2005	0.1%	0.1%	0.3%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2006	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2007	0.1%	0.1%	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.1%	0.0%
	2008	0.1%	0.1%	0.5%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 195: Number of Bachelor's Degrees in Biological and Biomedical Sciences - White Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	364	27,695	2,396	206	967	644	616	757	1,105	970	972
	2005	387	28,820	2,431	224	983	746	577	943	1,257	965	902
	2006	362	30,410	2,569	265	1,057	809	646	1,009	1,231	1,080	941
	2007	441	32,741	2,748	305	1,107	902	684	1,140	1,244	1,117	1,016
	2008	438	32,630	2,765	317	1,176	925	654	1,140	1,313	1,167	1,003
	# Change 04-08	74	4,935	369	111	209	281	38	383	208	197	31
	% Change 04-08	20.3%	17.8%	15.4%	53.9%	21.6%	43.6%	6.2%	50.6%	18.8%	20.3%	3.2%
Private Institutions	2004	918	14,401	551	256	772	527	187	1,491	415	1,545	255
	2005	927	14,631	573	230	815	598	173	1,449	470	1,541	291
	2006	1,030	15,597	580	223	823	623	186	1,626	461	1,705	374
	2007	995	16,427	596	241	879	601	170	1,644	510	1,766	354
	2008	1,071	16,966	621	246	826	646	209	1,754	442	1,881	359
	# Change 04-08	153	2,565	70	-10	54	119	22	263	27	336	104
	% Change 04-08	16.7%	17.8%	12.7%	-3.9%	7.0%	22.6%	11.8%	17.6%	6.5%	21.7%	40.8%
All Institutions	2004	1,282	42,096	2,947	462	1,739	1,171	803	2,248	1,520	2,515	1,227
	2005	1,314	43,451	3,004	454	1,798	1,344	750	2,392	1,727	2,506	1,193
	2006	1,392	46,007	3,149	488	1,880	1,432	832	2,635	1,692	2,785	1,315
	2007	1,436	49,168	3,344	546	1,986	1,503	854	2,784	1,754	2,883	1,370
	2008	1,509	49,596	3,386	563	2,002	1,571	863	2,894	1,755	3,048	1,362
	# Change 04-08	227	7,500	439	101	263	400	60	646	235	533	135
	% Change 04-08	17.7%	17.8%	14.9%	21.9%	15.1%	34.2%	7.5%	28.7%	15.5%	21.2%	11.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 196: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.5%	4.2%	5.6%	3.1%	4.1%	4.5%	4.5%	2.8%	5.1%	3.0%	4.6%
	2005	3.5%	4.3%	5.6%	3.3%	4.2%	5.1%	4.0%	3.3%	5.8%	2.9%	4.3%
	2006	3.2%	4.4%	5.7%	3.6%	4.5%	5.4%	4.5%	3.5%	5.7%	3.1%	4.4%
	2007	3.8%	4.7%	6.0%	4.1%	4.5%	5.7%	4.7%	3.9%	5.7%	3.2%	4.6%
	2008	3.7%	4.6%	5.9%	4.0%	4.7%	5.6%	4.4%	3.9%	5.7%	3.4%	4.6%
Private Institutions	2004	4.1%	4.0%	2.8%	3.8%	3.9%	5.3%	3.3%	3.5%	4.2%	4.7%	3.9%
	2005	4.2%	4.0%	2.9%	3.7%	3.6%	5.8%	3.0%	3.4%	5.0%	4.7%	4.2%
	2006	4.5%	4.1%	2.9%	3.5%	3.3%	6.1%	3.3%	3.9%	4.9%	5.1%	5.1%
	2007	4.3%	4.2%	2.9%	3.6%	3.4%	5.7%	2.8%	3.7%	5.3%	5.2%	4.7%
	2008	4.5%	4.2%	2.9%	3.7%	3.3%	5.9%	3.4%	3.9%	4.6%	5.5%	4.6%
All Institutions	2004	3.9%	4.1%	4.7%	3.5%	4.0%	4.8%	4.1%	3.2%	4.8%	3.9%	4.4%
	2005	4.0%	4.2%	4.7%	3.5%	3.9%	5.4%	3.7%	3.4%	5.6%	3.7%	4.3%
	2006	4.1%	4.3%	4.8%	3.5%	3.9%	5.7%	4.1%	3.7%	5.5%	4.1%	4.5%
	2007	4.1%	4.5%	5.1%	3.9%	4.0%	5.7%	4.1%	3.8%	5.6%	4.2%	4.7%
	2008	4.2%	4.5%	5.0%	3.9%	4.0%	5.7%	4.1%	3.9%	5.4%	4.4%	4.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 197: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - White Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43	3,216	237	58	141	64	82	107	140	93	147
	2005	52	3,377	264	44	114	61	48	135	142	121	152
	2006	62	3,668	302	54	123	68	70	149	149	113	194
	2007	49	3,574	293	58	116	78	57	125	136	107	182
	2008	61	3,730	297	54	120	85	58	162	145	121	160
	# Change 04-08	18	514	60	-4	-21	21	-24	55	5	28	13
	% Change 04-08	41.9%	16.0%	25.3%	-6.9%	-14.9%	32.8%	-29.3%	51.4%	3.6%	30.1%	8.8%
Private Institutions	2004	171	1,567	51	64	99	1	26	309	29	182	18
	2005	216	1,784	51	105	87	14	31	358	13	204	36
	2006	207	1,857	49	99	131	14	33	366	9	236	25
	2007	168	1,820	42	104	120	9	28	304	18	270	28
	2008	151	1,742	45	96	144	13	22	299	14	265	22
	# Change 04-08	-20	175	-6	32	45	12	-4	-10	-15	83	4
	% Change 04-08	-11.7%	11.2%	-11.8%	50.0%	45.5%	1,200.0%	-15.4%	-3.2%	-51.7%	45.6%	22.2%
All Institutions	2004	214	4,783	288	122	240	65	108	416	169	275	165
	2005	268	5,161	315	149	201	75	79	493	155	325	188
	2006	269	5,525	351	153	254	82	103	515	158	349	219
	2007	217	5,394	335	162	236	87	85	429	154	377	210
	2008	212	5,472	342	150	264	98	80	461	159	386	182
	# Change 04-08	-2	689	54	28	24	33	-28	45	-10	111	17
	% Change 04-08	-0.9%	14.4%	18.8%	23.0%	10.0%	50.8%	-25.9%	10.8%	-5.9%	40.4%	10.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 198: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.7%	2.2%	2.5%	1.9%	2.3%	2.2%	0.9%	2.4%	1.3%	2.2%
	2005	1.4%	1.7%	2.3%	1.7%	1.6%	1.9%	1.2%	1.1%	2.3%	1.7%	2.1%
	2006	1.7%	1.9%	2.5%	2.1%	1.7%	1.9%	1.8%	1.2%	2.3%	1.5%	2.5%
	2007	1.2%	1.8%	2.7%	2.3%	1.6%	2.1%	1.4%	1.0%	2.1%	1.4%	2.3%
	2008	1.4%	1.8%	2.4%	1.9%	1.6%	2.2%	1.5%	1.4%	2.2%	1.5%	2.0%
Private Institutions	2004	1.5%	1.0%	0.3%	1.8%	0.7%	0.0%	0.8%	1.3%	1.3%	1.7%	1.0%
	2005	1.8%	1.0%	0.3%	2.7%	0.6%	0.2%	0.9%	1.6%	0.6%	1.8%	1.8%
	2006	1.8%	1.0%	0.3%	2.6%	0.8%	0.2%	1.0%	1.5%	0.4%	1.9%	1.2%
	2007	1.5%	1.0%	0.3%	2.8%	0.8%	0.1%	0.8%	1.3%	0.8%	2.1%	1.2%
	2008	1.2%	0.9%	0.3%	2.6%	0.9%	0.1%	0.6%	1.3%	0.6%	2.0%	0.9%
All Institutions	2004	1.4%	1.4%	1.0%	2.1%	1.1%	0.8%	1.6%	1.2%	2.1%	1.5%	1.9%
	2005	1.7%	1.4%	1.1%	2.3%	0.9%	0.8%	1.1%	1.5%	1.9%	1.7%	2.0%
	2006	1.8%	1.5%	1.2%	2.4%	1.1%	0.7%	1.4%	1.4%	1.8%	1.8%	2.2%
	2007	1.4%	1.4%	1.2%	2.6%	1.0%	0.7%	1.1%	1.2%	1.7%	1.8%	2.1%
	2008	1.3%	1.4%	1.2%	2.3%	1.1%	0.7%	1.1%	1.3%	1.7%	1.8%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 199: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - White Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	26	2,014	306	27	51	28	49	84	100	93	67
	2005	33	2,076	262	24	47	55	35	74	105	81	74
	2006	26	2,129	296	20	51	46	32	72	106	87	101
	2007	40	2,219	329	15	54	62	33	78	115	87	76
	2008	38	2,353	351	20	46	42	40	83	137	84	87
	# Change 04-08	12	339	45	-7	-5	14	-9	-1	37	-9	20
	% Change 04-08	46.2%	16.8%	14.7%	-25.9%	-9.8%	50.0%	-18.4%	-1.2%	37.0%	-9.7%	29.9%
Private Institutions	2004	114	858	63	19	76	9	14	115	51	54	0
	2005	124	919	67	35	75	13	11	157	55	57	0
	2006	134	915	77	33	56	9	14	141	49	63	0
	2007	168	1,039	85	44	85	8	18	161	51	79	0
	2008	140	1,072	73	39	65	12	19	179	51	70	0
	# Change 04-08	26	214	10	20	-11	3	5	64	0	16	0
	% Change 04-08	22.8%	24.9%	15.9%	105.3%	-14.5%	33.3%	35.7%	55.7%	0.0%	29.6%	N/A
All Institutions	2004	140	2,872	369	46	127	37	63	199	151	147	67
	2005	157	2,995	329	59	122	68	46	231	160	138	74
	2006	160	3,044	373	53	107	55	46	213	155	150	101
	2007	208	3,258	414	59	139	70	51	239	166	166	76
	2008	178	3,425	424	59	111	54	59	262	188	154	87
	# Change 04-08	38	553	55	13	-16	17	-4	63	37	7	20
	% Change 04-08	27.1%	19.3%	14.9%	28.3%	-12.6%	45.9%	-6.3%	31.7%	24.5%	4.8%	29.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 200: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.4%	4.9%	12.0%	6.4%	4.0%	3.1%	5.2%	5.9%	8.1%	4.7%	4.0%
	2005	10.9%	4.9%	10.8%	5.8%	3.6%	5.4%	3.9%	5.0%	8.5%	4.1%	4.4%
	2006	9.3%	5.0%	11.8%	4.4%	3.9%	4.5%	3.9%	4.9%	8.5%	4.3%	5.6%
	2007	12.4%	5.0%	12.8%	3.7%	3.9%	5.7%	3.8%	5.4%	9.1%	4.3%	4.3%
	2008	12.7%	5.2%	12.6%	5.0%	3.4%	4.2%	4.5%	5.6%	10.0%	4.1%	4.9%
Private Institutions	2004	3.3%	2.0%	1.3%	3.1%	2.5%	0.8%	2.3%	2.1%	5.1%	1.9%	0.0%
	2005	3.5%	2.0%	1.3%	5.5%	2.4%	1.1%	1.5%	2.7%	5.2%	1.9%	0.0%
	2006	3.6%	2.0%	1.6%	5.3%	1.8%	0.7%	2.1%	2.5%	5.0%	1.9%	0.0%
	2007	4.3%	2.2%	1.7%	7.6%	2.6%	0.5%	2.6%	2.9%	4.8%	2.3%	0.0%
	2008	3.9%	2.3%	1.5%	6.5%	1.9%	0.8%	2.9%	3.1%	4.9%	2.0%	0.0%
All Institutions	2004	3.7%	3.4%	5.0%	4.5%	3.0%	1.8%	4.0%	2.9%	6.8%	3.1%	2.7%
	2005	4.1%	3.4%	4.3%	5.6%	2.7%	3.0%	2.8%	3.1%	7.0%	2.8%	2.7%
	2006	4.0%	3.4%	5.0%	4.9%	2.4%	2.3%	3.1%	3.0%	7.0%	2.9%	3.6%
	2007	4.9%	3.5%	5.5%	6.0%	3.0%	2.6%	3.3%	3.4%	7.1%	3.0%	2.7%
	2008	4.6%	3.7%	5.5%	5.9%	2.4%	2.1%	3.8%	3.6%	7.8%	2.8%	3.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 201: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	51	24	0	0	0	6	8	0	0	0
	2005	0	54	23	0	0	0	10	9	0	1	0
	2006	1	60	20	0	0	1	3	9	0	2	0
	2007	7	53	12	0	0	0	7	6	0	3	0
	2008	3	79	24	0	0	0	7	14	0	0	0
	# Change 04-08	1	28	0	0	0	0	1	6	0	0	0
	% Change 04-08	50.0%	54.9%	0.0%	N/A	N/A	N/A	16.7%	75.0%	N/A	N/A	N/A
Private Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	2	0	0	0	0	0	0	0	0	0
	2006	1	1	0	0	0	0	0	0	0	0	0
	2007	1	4	0	0	1	0	0	0	1	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-2	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	2	53	24	0	0	0	6	8	0	0	0
	2005	0	56	23	0	0	0	10	9	0	1	0
	2006	2	61	20	0	0	1	3	9	0	2	0
	2007	8	57	12	0	1	0	7	6	1	3	0
	2008	3	79	24	0	0	0	7	14	0	0	0
	# Change 04-08	1	26	0	0	0	0	1	6	0	0	0
	% Change 04-08	50.0%	49.1%	0.0%	N/A	N/A	N/A	16.7%	75.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 202: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 18)

Type	Year	0.6%	0.3%	0.5%	0.0%	0.0%	0.0%	1.2%	0.4%	0.0%	0.0%	0.0%
Public Institutions	2004	0.0%	0.3%	0.6%	0.0%	0.0%	0.0%	1.4%	0.5%	0.0%	0.6%	0.0%
	2005	0.5%	0.4%	0.5%	0.0%	0.0%	0.5%	0.6%	0.6%	0.0%	1.2%	0.0%
	2006	2.7%	0.4%	0.3%	0.0%	0.0%	0.0%	1.3%	0.3%	0.0%	1.9%	0.0%
	2007	1.1%	0.5%	0.7%	0.0%	0.0%	0.0%	1.2%	0.7%	0.0%	0.0%	0.0%
	2008	0.6%	0.3%	0.5%	0.0%	0.0%	0.0%	1.2%	0.4%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.8%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	6.7%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.4%	0.3%	0.4%	0.0%	0.0%	0.0%	1.0%	0.3%	0.0%	0.0%	0.0%
	2005	0.0%	0.3%	0.4%	0.0%	0.0%	0.0%	1.4%	0.4%	0.0%	0.3%	0.0%
	2006	0.6%	0.3%	0.4%	0.0%	0.0%	0.5%	0.5%	0.4%	0.0%	0.6%	0.0%
	2007	2.1%	0.3%	0.2%	0.0%	0.2%	0.0%	1.2%	0.2%	0.6%	1.1%	0.0%
	2008	0.7%	0.3%	0.5%	0.0%	0.0%	0.0%	0.9%	0.4%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 203: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	18	940	153	3	17	40	38	55	18	20	19
	2005	33	1,146	199	13	45	32	36	69	18	40	26
	2006	26	1,299	223	7	43	42	53	89	21	47	38
	2007	17	1,412	278	9	37	38	40	87	14	38	28
	2008	19	1,431	294	8	47	38	48	105	19	30	33
	# Change 04-08	1	491	141	5	30	-2	10	50	1	10	14
	% Change 04-08	5.6%	52.2%	92.2%	166.7%	176.5%	-5.0%	26.3%	90.9%	5.6%	50.0%	73.7%
Private Institutions	2004	69	710	38	20	42	15	22	84	8	51	12
	2005	75	829	46	23	31	19	28	101	22	64	17
	2006	88	798	47	19	50	28	18	112	19	45	19
	2007	88	891	45	29	38	13	24	98	31	60	12
	2008	96	851	41	17	42	28	25	104	20	70	16
	# Change 04-08	27	141	3	-3	0	13	3	20	12	19	4
	% Change 04-08	39.1%	19.9%	7.9%	-15.0%	0.0%	86.7%	13.6%	23.8%	150.0%	37.3%	33.3%
All Institutions	2004	87	1,650	191	23	59	55	60	139	26	71	31
	2005	108	1,975	245	36	76	51	64	170	40	104	43
	2006	114	2,097	270	26	93	70	71	201	40	92	57
	2007	105	2,303	323	38	75	51	64	185	45	98	40
	2008	115	2,282	335	25	89	66	73	209	39	100	49
	# Change 04-08	28	632	144	2	30	11	13	70	13	29	18
	% Change 04-08	32.2%	38.3%	75.4%	8.7%	50.8%	20.0%	21.7%	50.4%	50.0%	40.8%	58.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 204: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.5%	3.5%	3.9%	2.8%	2.9%	5.1%	5.1%	2.5%	3.5%	2.8%	2.3%
	2005	9.1%	4.2%	4.8%	6.2%	5.1%	4.7%	5.8%	3.0%	4.8%	5.1%	3.5%
	2006	7.3%	4.8%	5.2%	3.9%	5.6%	5.9%	7.8%	3.7%	4.4%	6.3%	5.4%
	2007	5.4%	5.5%	6.5%	7.8%	5.7%	5.8%	8.2%	3.3%	4.3%	6.1%	5.7%
	2008	7.0%	5.5%	7.5%	6.0%	7.4%	6.5%	8.9%	3.5%	4.6%	5.0%	5.1%
Private Institutions	2004	2.9%	3.4%	2.0%	4.5%	4.0%	4.9%	6.1%	2.7%	2.6%	3.4%	5.4%
	2005	3.6%	3.9%	2.1%	5.9%	2.9%	5.5%	8.9%	3.6%	8.2%	4.5%	6.0%
	2006	4.2%	3.6%	2.1%	4.4%	4.9%	8.1%	6.8%	4.2%	6.7%	3.2%	6.4%
	2007	4.1%	3.8%	1.9%	6.9%	4.0%	4.7%	7.6%	3.4%	11.0%	4.1%	4.5%
	2008	4.8%	4.0%	2.0%	4.5%	5.0%	8.8%	6.3%	3.8%	6.3%	4.6%	4.9%
All Institutions	2004	3.1%	3.4%	3.3%	4.2%	3.6%	5.0%	5.4%	2.6%	3.2%	3.2%	3.0%
	2005	4.4%	4.1%	3.8%	6.0%	3.9%	4.9%	6.8%	3.3%	6.2%	4.7%	4.2%
	2006	4.7%	4.2%	4.1%	4.3%	5.2%	6.6%	7.5%	4.0%	5.3%	4.2%	5.7%
	2007	4.3%	4.7%	4.9%	7.1%	4.7%	5.5%	7.9%	3.3%	7.4%	4.7%	5.3%
	2008	5.0%	4.8%	5.6%	4.9%	6.0%	7.3%	7.8%	3.6%	5.4%	4.7%	5.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 205: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17	751	68	13	33	25	29	32	17	20	9
	2005	22	827	68	12	32	27	25	44	15	25	24
	2006	17	891	78	7	34	33	24	46	21	32	18
	2007	20	917	73	9	20	25	12	45	15	26	11
	2008	28	995	84	5	43	26	21	59	16	33	24
	# Change 04-08	11	244	16	-8	10	1	-8	27	-1	13	15
	% Change 04-08	64.7%	32.5%	23.5%	-61.5%	30.3%	4.0%	-27.6%	84.4%	-5.9%	65.0%	166.7%
Private Institutions	2004	61	424	16	20	11	0	10	151	4	25	3
	2005	52	465	37	24	17	0	10	138	2	42	0
	2006	45	483	29	32	18	5	11	156	0	34	0
	2007	43	487	25	30	27	0	5	172	4	46	0
	2008	45	575	32	52	26	8	10	167	1	54	0
	# Change 04-08	-16	151	16	32	15	8	0	16	-3	29	-3
	% Change 04-08	-26.2%	35.6%	100.0%	160.0%	136.4%	N/A	0.0%	10.6%	-75.0%	116.0%	-100.0%
All Institutions	2004	78	1,175	84	33	44	25	39	183	21	45	12
	2005	74	1,292	105	36	49	27	35	182	17	67	24
	2006	62	1,374	107	39	52	38	35	202	21	66	18
	2007	63	1,404	98	39	47	25	17	217	19	72	11
	2008	73	1,570	116	57	69	34	31	226	17	87	24
	# Change 04-08	-5	395	32	24	25	9	-8	43	-4	42	12
	% Change 04-08	-6.4%	33.6%	38.1%	72.7%	56.8%	36.0%	-20.5%	23.5%	-19.0%	93.3%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 206: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.4%	1.7%	1.6%	5.3%	1.3%	3.4%	2.7%	1.3%	1.9%	1.8%	0.8%
	2005	4.7%	2.0%	1.6%	4.1%	1.5%	3.8%	2.5%	1.8%	2.1%	2.2%	2.2%
	2006	3.5%	2.3%	2.0%	2.5%	1.6%	5.0%	2.5%	2.0%	2.6%	3.2%	1.5%
	2007	3.8%	2.6%	2.1%	3.7%	1.0%	3.6%	1.4%	2.0%	1.9%	2.7%	1.5%
	2008	4.9%	2.6%	2.3%	1.9%	1.7%	3.4%	2.1%	2.4%	1.7%	3.1%	2.0%
Private Institutions	2004	1.4%	1.2%	0.4%	2.0%	0.3%	0.0%	1.3%	1.9%	1.9%	1.0%	1.8%
	2005	1.4%	1.3%	0.8%	2.3%	0.5%	0.0%	1.4%	1.8%	1.1%	2.0%	0.0%
	2006	1.2%	1.3%	0.7%	3.3%	0.6%	1.9%	1.3%	2.0%	0.0%	1.4%	0.0%
	2007	1.2%	1.3%	0.6%	3.2%	0.9%	0.0%	0.6%	2.1%	2.3%	1.9%	0.0%
	2008	1.1%	1.5%	0.7%	4.5%	0.8%	3.4%	1.0%	1.8%	0.5%	2.2%	0.0%
All Institutions	2004	1.6%	1.5%	1.0%	2.6%	0.7%	2.6%	2.1%	1.8%	1.9%	1.2%	0.9%
	2005	1.7%	1.7%	1.2%	2.7%	0.9%	2.8%	2.1%	1.8%	1.9%	2.1%	1.8%
	2006	1.5%	1.8%	1.3%	3.1%	1.0%	4.1%	1.9%	2.0%	2.1%	1.9%	1.3%
	2007	1.5%	2.0%	1.3%	3.3%	0.9%	2.7%	1.0%	2.1%	2.0%	2.1%	1.2%
	2008	1.6%	2.0%	1.4%	4.0%	1.2%	3.4%	1.5%	2.0%	1.5%	2.5%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 207: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	925	94	10	40	11	41	36	38	39	27
	2005	16	1,076	108	22	61	18	34	56	32	51	28
	2006	14	1,193	112	15	53	19	41	76	39	63	25
	2007	9	1,349	153	19	43	22	34	76	28	68	31
	2008	31	1,509	160	26	56	17	56	79	37	76	39
	# Change 04-08	24	584	66	16	16	6	15	43	-1	37	12
	% Change 04-08	342.9%	63.1%	70.2%	160.0%	40.0%	54.5%	36.6%	119.4%	-2.6%	94.9%	44.4%
Private Institutions	2004	50	402	29	13	20	5	7	112	1	20	0
	2005	57	443	36	14	27	5	3	94	9	27	0
	2006	63	484	42	14	25	3	3	115	5	25	0
	2007	69	581	45	20	43	11	9	153	6	28	0
	2008	94	622	39	17	28	6	9	168	8	27	0
	# Change 04-08	44	220	10	4	8	1	2	56	7	7	0
	% Change 04-08	88.0%	54.7%	34.5%	30.8%	40.0%	20.0%	28.6%	50.0%	700.0%	35.0%	N/A
All Institutions	2004	57	1,327	123	23	60	16	48	148	39	59	27
	2005	73	1,519	144	36	88	23	37	150	41	78	28
	2006	77	1,677	154	29	78	22	44	191	44	88	25
	2007	78	1,930	198	39	86	33	43	229	34	96	31
	2008	125	2,131	199	43	84	23	65	247	45	103	39
	# Change 04-08	68	804	76	20	24	7	17	99	6	44	12
	% Change 04-08	119.3%	60.6%	61.8%	87.0%	40.0%	43.8%	35.4%	66.9%	15.4%	74.6%	44.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 208: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.6%	10.2%	12.4%	11.5%	10.1%	5.6%	16.6%	9.1%	17.0%	8.4%	12.3%
	2005	14.3%	10.5%	11.4%	19.5%	12.5%	7.6%	14.2%	11.9%	13.0%	10.1%	9.4%
	2006	10.9%	10.3%	10.7%	11.4%	9.3%	6.6%	14.9%	14.8%	12.5%	12.1%	7.6%
	2007	6.6%	10.9%	12.9%	13.0%	12.8%	6.9%	12.0%	15.0%	8.6%	12.0%	9.7%
	2008	19.4%	11.9%	14.3%	18.2%	9.2%	6.1%	18.0%	13.6%	12.4%	13.4%	10.2%
Private Institutions	2004	6.4%	7.1%	3.2%	8.6%	3.9%	12.8%	3.8%	10.6%	4.2%	4.9%	0.0%
	2005	6.9%	7.1%	3.9%	9.7%	5.2%	12.2%	1.6%	8.3%	22.0%	5.2%	0.0%
	2006	6.9%	7.4%	4.1%	10.8%	4.9%	8.6%	1.4%	9.4%	20.0%	4.9%	0.0%
	2007	7.4%	8.7%	4.4%	14.7%	8.0%	15.1%	4.6%	11.7%	17.6%	5.6%	0.0%
	2008	9.7%	9.3%	3.7%	11.7%	5.4%	15.0%	4.8%	12.6%	29.6%	5.7%	0.0%
All Institutions	2004	6.3%	9.0%	7.4%	9.7%	6.6%	6.8%	11.1%	10.2%	15.8%	6.8%	10.2%
	2005	7.8%	9.2%	7.7%	14.0%	8.8%	8.2%	8.7%	9.3%	14.2%	7.6%	8.6%
	2006	7.4%	9.3%	7.4%	11.1%	7.2%	6.8%	9.0%	11.0%	13.1%	8.5%	6.9%
	2007	7.3%	10.1%	9.0%	13.8%	9.9%	8.5%	9.0%	12.6%	9.4%	9.0%	8.8%
	2008	11.1%	11.0%	9.2%	14.9%	7.5%	7.2%	13.1%	12.9%	13.8%	9.9%	9.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 209: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences - Resident Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21	1,438	432	0	0	2	42	41	17	56	0
	2005	23	1,686	490	2	0	3	45	66	0	62	0
	2006	18	1,887	639	2	0	4	39	82	3	69	0
	2007	50	2,067	700	2	0	9	59	86	18	77	0
	2008	48	2,457	1,021	1	0	11	50	70	4	83	0
	# Change 04-08	27	1,019	589	1	0	9	8	29	-13	27	0
	% Change 04-08	128.6%	70.9%	136.3%	N/A	N/A	450.0%	19.0%	70.7%	-76.5%	48.2%	N/A
Private Institutions	2004	4	68	0	4	0	0	0	1	8	2	0
	2005	1	62	9	4	0	0	0	4	9	3	0
	2006	4	52	8	1	0	2	0	0	13	3	0
	2007	2	141	37	0	6	0	7	1	12	3	0
	2008	0	95	25	0	5	0	24	0	3	5	0
	# Change 04-08	-4	27	25	-4	5	0	24	-1	-5	3	0
	% Change 04-08	-100.0%	39.7%	N/A	-100.0%	N/A	N/A	N/A	-100.0%	-62.5%	150.0%	N/A
All Institutions	2004	25	1,506	432	4	0	2	42	42	25	58	0
	2005	24	1,748	499	6	0	3	45	70	9	65	0
	2006	22	1,939	647	3	0	6	39	82	16	72	0
	2007	52	2,208	737	2	6	9	66	87	30	80	0
	2008	48	2,552	1,046	1	5	11	74	70	7	88	0
	# Change 04-08	23	1,046	614	-3	5	9	32	28	-18	30	0
	% Change 04-08	92.0%	69.5%	142.1%	-75.0%	N/A	450.0%	76.2%	66.7%	-72.0%	51.7%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 210: Associate's Degrees and Certificates Below Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.3%	0.1%	0.1%	0.3%	0.0%
	2005	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.3%	0.0%
	2006	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.4%	0.0%
	2007	0.4%	0.2%	0.6%	0.0%	0.0%	0.0%	0.4%	0.2%	0.1%	0.4%	0.0%
	2008	0.4%	0.2%	0.8%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.4%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.1%	0.0%
	2005	0.1%	0.1%	0.3%	0.1%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	0.0%
	2006	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2007	0.3%	0.1%	0.4%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	0.0%
	2008	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 211: Number of Bachelor's Degrees in Biological and Biomedical Sciences - Resident Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	525	41,935	6,597	288	1,434	785	1,099	1,240	1,591	1,165	1,291
	2005	541	44,322	7,116	299	1,456	922	1,109	1,526	1,683	1,165	1,291
	2006	542	47,763	7,694	388	1,590	992	1,255	1,693	1,759	1,341	1,357
	2007	640	51,996	8,343	446	1,700	1,123	1,395	1,896	1,770	1,431	1,537
	2008	668	53,552	8,832	457	1,759	1,126	1,474	2,009	1,878	1,522	1,582
	# Change 04-08	143	11,617	2,235	169	325	341	375	769	287	357	291
	% Change 04-08	27.2%	27.7%	33.9%	58.7%	22.7%	43.4%	34.1%	62.0%	18.0%	30.6%	22.5%
Private Institutions	2004	1,419	20,582	1,124	383	1,082	568	316	2,221	559	1,921	376
	2005	1,507	21,210	1,133	370	1,142	658	319	2,163	672	2,010	399
	2006	1,580	22,336	1,217	335	1,210	675	332	2,453	645	2,136	511
	2007	1,589	23,973	1,286	377	1,283	686	341	2,523	733	2,284	517
	2008	1,771	25,122	1,378	404	1,300	749	392	2,743	662	2,412	512
	# Change 04-08	352	4,540	254	21	218	181	76	522	103	491	136
	% Change 04-08	24.8%	22.1%	22.6%	5.5%	20.1%	31.9%	24.1%	23.5%	18.4%	25.6%	36.2%
All Institutions	2004	1,944	62,517	7,721	671	2,516	1,353	1,415	3,461	2,150	3,086	1,667
	2005	2,048	65,532	8,249	669	2,598	1,580	1,428	3,689	2,355	3,175	1,690
	2006	2,122	70,099	8,911	723	2,800	1,667	1,587	4,146	2,404	3,477	1,868
	2007	2,229	75,969	9,629	823	2,983	1,809	1,736	4,419	2,503	3,715	2,054
	2008	2,439	78,674	10,210	861	3,059	1,875	1,866	4,752	2,540	3,934	2,094
	# Change 04-08	495	16,157	2,489	190	543	522	451	1,291	390	848	427
	% Change 04-08	25.5%	25.8%	32.2%	28.3%	21.6%	38.6%	31.9%	37.3%	18.1%	27.5%	25.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 212: Bachelor's Degrees in Biological and Biomedical Sciences as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.8%	4.6%	6.2%	3.4%	4.5%	4.5%	5.1%	2.9%	5.5%	3.1%	4.7%
	2005	3.8%	4.7%	6.5%	3.4%	4.5%	5.1%	4.9%	3.3%	5.8%	2.9%	4.5%
	2006	3.7%	4.9%	6.8%	4.0%	4.9%	5.3%	5.4%	3.6%	6.0%	3.3%	4.5%
	2007	4.3%	5.2%	7.3%	4.6%	5.1%	5.8%	5.9%	3.9%	5.9%	3.5%	5.0%
	2008	4.3%	5.3%	7.5%	4.5%	5.1%	5.8%	6.2%	4.1%	5.9%	3.7%	5.0%
Private Institutions	2004	4.3%	3.9%	3.0%	4.4%	3.7%	5.0%	3.8%	3.4%	4.2%	4.7%	4.2%
	2005	4.6%	4.0%	3.0%	4.4%	3.4%	5.5%	3.6%	3.3%	5.1%	4.9%	4.2%
	2006	4.6%	4.0%	3.1%	3.8%	3.2%	5.6%	3.8%	3.8%	4.9%	5.0%	5.0%
	2007	4.6%	4.1%	3.2%	4.0%	3.3%	5.5%	3.8%	3.7%	5.4%	5.3%	4.8%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	4.2%	4.3%	5.4%	3.9%	4.1%	4.7%	4.7%	3.2%	5.1%	3.9%	4.5%
	2005	4.3%	4.4%	5.6%	3.9%	4.0%	5.3%	4.5%	3.3%	5.6%	3.9%	4.4%
	2006	4.3%	4.6%	5.9%	3.9%	4.0%	5.4%	5.0%	3.7%	5.6%	4.2%	4.7%
	2007	4.5%	4.8%	6.2%	4.3%	4.1%	5.7%	5.3%	3.8%	5.7%	4.4%	4.9%
	2008	4.7%	4.9%	6.4%	4.4%	4.2%	5.8%	5.6%	4.0%	5.5%	4.6%	4.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 213: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences - Resident Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	53	4,336	471	81	158	78	129	159	182	119	193
	2005	63	4,504	477	62	135	75	99	175	174	146	207
	2006	80	4,946	569	77	148	84	107	195	183	147	260
	2007	70	4,936	546	80	150	90	88	156	177	138	258
	2008	80	5,277	592	69	158	103	91	235	181	153	247
	# Change 04-08	27	941	121	-12	0	25	-38	76	-1	34	54
	% Change 04-08	50.9%	21.7%	25.7%	-14.8%	0.0%	32.1%	-29.5%	47.8%	-0.5%	28.6%	28.0%
Private Institutions	2004	315	2,513	93	97	165	3	38	525	43	285	28
	2005	377	2,874	101	165	152	20	45	584	16	359	63
	2006	383	3,046	121	144	228	19	48	615	16	395	56
	2007	370	3,121	81	164	208	9	44	589	23	445	61
	2008	414	3,291	110	154	250	18	41	564	18	418	49
	# Change 04-08	99	778	17	57	85	15	3	39	-25	133	21
	% Change 04-08	31.4%	31.0%	18.3%	58.8%	51.5%	500.0%	7.9%	7.4%	-58.1%	46.7%	75.0%
All Institutions	2004	368	6,849	564	178	323	81	167	684	225	404	221
	2005	440	7,378	578	227	287	95	144	759	190	505	270
	2006	463	7,992	690	221	376	103	155	810	199	542	316
	2007	440	8,057	627	244	358	99	132	745	200	583	319
	2008	494	8,568	702	223	408	121	132	799	199	571	296
	# Change 04-08	126	1,719	138	45	85	40	-35	115	-26	167	75
	% Change 04-08	34.2%	25.1%	24.5%	25.3%	26.3%	49.4%	-21.0%	16.8%	-11.6%	41.3%	33.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 214: Certificates Above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 18)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.7%	2.2%	2.6%	1.7%	2.1%	2.2%	0.9%	2.4%	1.3%	2.2%
	2005	1.3%	1.7%	2.0%	1.8%	1.4%	1.8%	1.6%	1.1%	2.2%	1.7%	2.2%
	2006	1.6%	1.8%	2.3%	2.3%	1.5%	1.8%	1.7%	1.2%	2.3%	1.6%	2.6%
	2007	1.4%	1.8%	2.3%	2.5%	1.5%	2.0%	1.4%	0.9%	2.1%	1.4%	2.5%
	2008	1.5%	1.9%	2.2%	1.8%	1.6%	2.1%	1.4%	1.4%	2.0%	1.6%	2.3%
Private Institutions	2004	1.6%	0.9%	0.3%	2.0%	0.8%	0.0%	0.8%	1.3%	1.4%	1.9%	1.1%
	2005	1.9%	1.0%	0.3%	3.1%	0.7%	0.2%	0.8%	1.5%	0.5%	2.2%	2.2%
	2006	1.8%	1.0%	0.4%	2.7%	0.9%	0.2%	0.9%	1.5%	0.5%	2.3%	1.9%
	2007	1.8%	1.0%	0.3%	3.2%	0.8%	0.1%	0.8%	1.4%	0.6%	2.5%	1.7%
	2008	1.9%	1.0%	0.3%	3.1%	1.0%	0.1%	0.7%	1.4%	0.5%	2.2%	1.2%
All Institutions	2004	1.5%	1.3%	1.1%	2.2%	1.1%	0.7%	1.5%	1.2%	2.1%	1.7%	2.0%
	2005	1.7%	1.4%	1.1%	2.6%	0.9%	0.7%	1.2%	1.4%	1.7%	2.0%	2.2%
	2006	1.8%	1.4%	1.2%	2.6%	1.1%	0.7%	1.3%	1.4%	1.7%	2.1%	2.4%
	2007	1.7%	1.4%	1.1%	2.9%	1.0%	0.6%	1.1%	1.3%	1.6%	2.1%	2.3%
	2008	1.8%	1.4%	1.2%	2.5%	1.1%	0.7%	1.1%	1.4%	1.6%	2.0%	2.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 215: Number of Doctor's and First Professional Degrees in Biological and Biomedical Sciences - Resident Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	39	2,602	456	30	66	33	67	107	117	123	91
	2005	39	2,707	414	31	64	62	46	98	125	96	92
	2006	28	2,752	445	34	70	53	58	98	123	123	118
	2007	53	2,984	518	30	82	73	59	98	140	108	95
	2008	43	3,233	588	32	69	51	68	121	167	107	120
	# Change 04-08	4	631	132	2	3	18	1	14	50	-16	29
	% Change 04-08	10.3%	24.3%	28.9%	6.7%	4.5%	54.5%	1.5%	13.1%	42.7%	-13.0%	31.9%
Private Institutions	2004	216	1,302	98	44	99	16	19	203	73	74	0
	2005	208	1,390	119	59	91	17	15	274	63	84	0
	2006	244	1,387	123	57	80	12	17	238	65	90	0
	2007	267	1,484	130	72	110	13	22	237	61	104	0
	2008	247	1,601	130	58	101	21	23	274	78	92	0
	# Change 04-08	31	299	32	14	2	5	4	71	5	18	0
	% Change 04-08	14.4%	23.0%	32.7%	31.8%	2.0%	31.3%	21.1%	35.0%	6.8%	24.3%	N/A
All Institutions	2004	255	3,904	554	74	165	49	86	310	190	197	91
	2005	247	4,097	533	90	155	79	61	372	188	180	92
	2006	272	4,139	568	91	150	65	75	336	188	213	118
	2007	320	4,468	648	102	192	86	81	335	201	212	95
	2008	290	4,834	718	90	170	72	91	395	245	199	120
	# Change 04-08	35	930	164	16	5	23	5	85	55	2	29
	% Change 04-08	13.7%	23.8%	29.6%	21.6%	3.0%	46.9%	5.8%	27.4%	28.9%	1.0%	31.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 216: Doctor's and First Professional Degrees in Biological and Biomedical Sciences as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 18)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9.5%	4.7%	10.0%	5.7%	3.7%	3.0%	4.2%	5.2%	7.5%	4.7%	4.1%
	2005	9.4%	4.7%	9.3%	5.6%	3.4%	5.1%	3.0%	4.7%	7.8%	3.7%	4.1%
	2006	7.8%	4.7%	9.6%	5.3%	3.7%	4.2%	3.9%	4.6%	7.6%	4.6%	5.1%
	2007	12.4%	4.9%	10.7%	5.0%	3.8%	5.4%	3.8%	4.6%	8.4%	4.0%	4.1%
	2008	11.3%	5.1%	11.3%	5.6%	3.5%	4.0%	3.9%	5.5%	9.3%	3.8%	4.9%
Private Institutions	2004	4.0%	2.1%	1.2%	5.0%	2.4%	1.2%	2.3%	2.3%	5.5%	1.9%	0.0%
	2005	3.7%	2.0%	1.3%	6.6%	2.0%	1.1%	1.5%	2.9%	4.5%	1.9%	0.0%
	2006	4.1%	2.0%	1.5%	6.3%	1.8%	0.7%	1.9%	2.6%	4.7%	2.0%	0.0%
	2007	4.2%	2.0%	1.4%	7.8%	2.3%	0.6%	2.3%	2.5%	3.9%	2.2%	0.0%
	2008	4.1%	2.2%	1.4%	6.7%	2.1%	0.9%	2.6%	2.8%	5.1%	1.9%	0.0%
All Institutions	2004	4.4%	3.3%	4.4%	5.2%	2.7%	2.0%	3.6%	2.8%	6.6%	3.0%	2.7%
	2005	4.1%	3.3%	4.0%	6.2%	2.5%	2.9%	2.4%	3.2%	6.3%	2.6%	2.5%
	2006	4.3%	3.2%	4.3%	5.9%	2.3%	2.1%	3.1%	2.9%	6.3%	3.0%	3.2%
	2007	4.7%	3.3%	4.7%	6.7%	2.7%	2.5%	3.2%	2.9%	6.3%	2.9%	2.4%
	2008	4.6%	3.5%	5.0%	6.3%	2.5%	2.0%	3.5%	3.3%	7.4%	2.6%	2.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

In 2008, 0.2% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Biological and Biomedical Sciences. This percentage was equal to the national average (0.2%) but higher than in six of the nine comparison states (California had the highest percentage at 0.5%). Among female students in Massachusetts, the percentage was 0.2%. This was equal to the national average among female students (0.2%) and higher than in six of the comparison states (California had the highest percentage among female students at 0.6%). Among male students in Massachusetts, the percentage was 0.4%. This was higher than the national average among male students (0.1%) and higher than in all of the comparison states. Among Asian students in Massachusetts, the percentage was 0.7%. This was higher than the national average among Asian students (0.6%) and higher than in eight of the comparison states (California had the highest percentage among Asian students at 1.1%). Among Black students in Massachusetts, the percentage was 0.5%. This was higher than the national average among Black students (0.1%) and higher than in seven of the comparison states (California had the highest percentage among Black students at 0.6%). Among Hispanic students in Massachusetts, the percentage was 0.3%. This was higher than the national average among Hispanic students (0.2%) and higher than in eight of the comparison states (New Jersey had the highest percentage among Hispanic students at 0.4%). Among White students in Massachusetts, the percentage was 0.1%. This was equal to the national average among White students (0.1%) but higher than in five of the comparison states (California had the highest percentage among White students at 0.5%).

In 2008, female students earned 49.0% of the Associate's Degrees and Certificates below Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 70.0% for degrees earned by female students and lower than the percentage in eight of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 100.0%). Male students earned 51.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 30.0% for degrees earned by male students and higher than the percentage in all of the comparison states. Asian students earned 11.8% of the Associate's Degrees and Certificates below Bachelor's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 15.6% for degrees earned by Asian students but higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 31.5%). Black students earned 21.6% of the Associate's Degrees and Certificates below Bachelor's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 9.5% for degrees earned by Black students and higher than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 57.1%). Hispanic students earned 9.8% of the Associate's Degrees and Certificates below Bachelor's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 15.2% for degrees earned by Hispanic students but higher than the percentage in seven of the comparison states (New Jersey had the highest percentage of degrees earned by Hispanic students at 22.2%). White students earned 19.6% of the Associate's Degrees and Certificates below Bachelor's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 49.4% for degrees earned by White students and lower than the percentage in eight of the comparison states (Connecticut had the highest percentage of degrees earned by White students at 100.0%).

In 2008, 4.7% of all Bachelor's degrees granted in Massachusetts were in Biological and Biomedical Sciences. This percentage was lower than the national average (4.9%) and lower than the percentage in five of the nine comparison states (California had the highest percentage at 6.3%). Among female students in Massachusetts, the percentage was 5.2%. This was higher than the national average among female students (5.0%) but lower than in five of the comparison states (California had the highest percentage among female students at 6.4%). Among male students in Massachusetts, the percentage was 4.2%. This was lower than the national average among male students (4.6%) and lower than in four of the comparison states (California had the highest percentage among male



students at 6.3%). Among Asian students in Massachusetts, the percentage was 10.8%. This was lower than the national average among Asian students (11.6%) and lower than in six of the comparison states (New Jersey had the highest percentage among Asian students at 15.7%). Among Black students in Massachusetts, the percentage was 4.4%. This was higher than the national average among Black students (4.0%) and higher than in seven of the comparison states (Minnesota had the highest percentage among Black students at 5.7%). Among Hispanic students in Massachusetts, the percentage was 4.4%. This was higher than the national average among Hispanic students (4.3%) and higher than in seven of the comparison states (North Carolina had the highest percentage among Hispanic students at 6.9%). Among White students in Massachusetts, the percentage was 4.2%. This was lower than the national average among White students (4.5%) and lower than in five of the comparison states (Minnesota had the highest percentage among White students at 5.7%).

In 2008, female students earned 63.0% of the Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 59.5% for degrees earned by female students and higher than the percentage in seven of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 65.2%). Male students earned 37.0% of the Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 40.5% for degrees earned by male students and lower than the percentage in seven of the comparison states (Minnesota had the highest percentage of degrees earned by male students at 42.6%). Asian students earned 16.4% of the Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 15.6% for degrees earned by Asian students and higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 42.5%). Black students earned 5.1% of the Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 7.2% for degrees earned by Black students and lower than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 14.0%). Hispanic students earned 4.6% of the Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 7.3% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Hispanic students at 10.5%). White students earned 59.1% of the Bachelor's degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 61.3% for degrees earned by White students and lower than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 80.9%).

In 2008, 1.8% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Biological and Biomedical Sciences. This percentage was higher than the national average (1.5%) and higher than the percentage in six of the nine comparison states (Connecticut had the highest percentage at 2.7%). Among female students in Massachusetts, the percentage was 1.7%. This was higher than the national average among female students (1.4%) and higher than in five of the comparison states (Connecticut had the highest percentage among female students at 2.7%). Among male students in Massachusetts, the percentage was 1.9%. This was higher than the national average among male students (1.6%) and higher than in six of the comparison states (Connecticut had the highest percentage among male students at 2.7%). Among Asian students in Massachusetts, the percentage was 4.8%. This was higher than the national average among Asian students (3.1%) and higher than in six of the comparison states (Connecticut had the highest percentage among Asian students at 8.1%). Among Black students in Massachusetts, the percentage was 1.2%. This was higher than the national average among Black students (0.9%) and higher than in five of the comparison states (Connecticut had the highest percentage among Black students at 2.1%). Among Hispanic students in Massachusetts, the percentage was 2.5%. This was higher than the national average among Hispanic students (1.2%) and higher than in seven of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 3.3%). Among White students in Massachusetts, the percentage was 1.3%. This was lower than the national average among White students (1.4%) and lower than in four of the comparison states (Connecticut had the highest



percentage among White students at 2.3%).

In 2008, female students earned 58.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 57.5% for degrees earned by female students and higher than the percentage in five of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 63.4%). Male students earned 41.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 42.5% for degrees earned by male students and lower than the percentage in five of the comparison states (Pennsylvania had the highest percentage of degrees earned by male students at 46.8%). Asian students earned 14.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 10.9% for degrees earned by Asian students and higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 20.9%). Black students earned 3.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 5.6% for degrees earned by Black students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 11.6%). Hispanic students earned 4.2% of the Certificates above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 4.9% for degrees earned by Hispanic students but higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 8.2%). White students earned 37.4% of the Certificates above Bachelor's Degrees and Master's Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 54.0% for degrees earned by White students and lower than the percentage in all of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 73.6%).

In 2008, 5.6% of all Doctor's and First Professional Degrees granted in Massachusetts were in Biological and Biomedical Sciences. This percentage was higher than the national average (4.5%) and higher than the percentage in six of the nine comparison states (North Carolina had the highest percentage at 8.0%). Among female students in Massachusetts, the percentage was 5.4%. This was higher than the national average among female students (4.5%) and higher than in six of the comparison states (North Carolina had the highest percentage among female students at 8.8%). Among male students in Massachusetts, the percentage was 5.7%. This was higher than the national average among male students (4.4%) and higher than in seven of the comparison states (Connecticut had the highest percentage among male students at 7.3%). Among Asian students in Massachusetts, the percentage was 4.2%. This was higher than the national average among Asian students (3.9%) and higher than in six of the comparison states (North Carolina had the highest percentage among Asian students at 9.6%). Among Black students in Massachusetts, the percentage was 1.6%. This was lower than the national average among Black students (2.4%) and lower than in six of the comparison states (North Carolina had the highest percentage among Black students at 7.5%). Among Hispanic students in Massachusetts, the percentage was 6.0%. This was higher than the national average among Hispanic students (3.2%) and higher than in eight of the comparison states (North Carolina had the highest percentage among Hispanic students at 7.0%). Among White students in Massachusetts, the percentage was 4.6%. This was higher than the national average among White students (3.7%) and higher than in six of the comparison states (North Carolina had the highest percentage among White students at 7.8%).

In 2008, female students earned 49.6% of the Doctor's and First Professional Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 50.8% for degrees earned by female students and lower than the percentage in seven of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 57.6%). Male students earned 50.4% of the Doctor's and First Professional Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 49.2%



for degrees earned by male students and higher than the percentage in seven of the comparison states (Illinois had the highest percentage of degrees earned by male students at 56.3%). Asian students earned 8.7% of the Doctor's and First Professional Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was higher than the national average of 8.0% for degrees earned by Asian students and higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 15.2%). Black students earned 1.2% of the Doctor's and First Professional Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 3.2% for degrees earned by Black students and lower than the percentage in all of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 9.3%). Hispanic students earned 3.6% of the Doctor's and First Professional Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was equal to the national average of 1.6% for degrees earned by Hispanic students but higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 5.5%). White students earned 42.9% of the Doctor's and First Professional Degrees in Biological and Biomedical Sciences granted in Massachusetts. This was lower than the national average of 49.2% for degrees earned by White students and lower than the percentage in seven of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 64.8%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.



Indicator 19: Number of college students who complete degrees in Computer and Information Sciences

Table III - 217: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	749	43,422	3,878	91	1,915	983	564	2,057	2,432	1,089	116
	2005	573	35,765	3,010	81	1,731	785	431	1,728	2,093	873	78
	2006	468	30,156	2,515	74	1,208	652	334	1,425	1,785	748	52
	2007	360	26,726	2,486	54	1,134	606	245	1,171	1,327	598	73
	2008	398	28,024	3,468	70	1,048	485	260	1,121	1,304	595	491
	# Change 04-08	-351	-15,398	-410	-21	-867	-498	-304	-936	-1,128	-494	375
	% Change 04-08	-46.9%	-35.5%	-10.6%	-23.1%	-45.3%	-50.7%	-53.9%	-45.5%	-46.4%	-45.4%	323.3%
Private Institutions	2004	447	32,836	3,889	302	1,030	477	1,917	2,385	102	2,502	1,798
	2005	330	27,662	3,181	249	1,302	447	1,305	1,703	79	2,209	1,618
	2006	283	24,393	2,682	205	1,237	223	1,395	1,463	106	1,844	1,632
	2007	274	21,809	2,076	129	1,176	210	899	1,567	108	1,663	1,452
	2008	475	22,836	2,013	97	1,034	189	1,127	1,557	198	1,588	1,563
	# Change 04-08	28	-10,000	-1,876	-205	4	-288	-790	-828	96	-914	-235
	% Change 04-08	6.3%	-30.5%	-48.2%	-67.9%	0.4%	-60.4%	-41.2%	-34.7%	94.1%	-36.5%	-13.1%
All Institutions	2004	1,196	76,258	7,767	393	2,945	1,460	2,481	4,442	2,534	3,591	1,914
	2005	903	63,427	6,191	330	3,033	1,232	1,736	3,431	2,172	3,082	1,696
	2006	751	54,549	5,197	279	2,445	875	1,729	2,888	1,891	2,592	1,684
	2007	634	48,535	4,562	183	2,310	816	1,144	2,738	1,435	2,261	1,525
	2008	873	50,860	5,481	167	2,082	674	1,387	2,678	1,502	2,183	2,054
	# Change 04-08	-323	-25,398	-2,286	-226	-863	-786	-1,094	-1,764	-1,032	-1,408	140
	% Change 04-08	-27.0%	-33.3%	-29.4%	-57.5%	-29.3%	-53.8%	-44.1%	-39.7%	-40.7%	-39.2%	7.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 218: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.7%	4.9%	3.2%	2.1%	4.0%	4.3%	3.9%	4.7%	8.0%	5.9%	0.7%
	2005	5.0%	3.8%	2.3%	1.8%	3.4%	3.4%	2.9%	3.8%	6.5%	4.5%	0.5%
	2006	4.0%	3.2%	2.0%	1.6%	2.4%	2.7%	2.2%	3.1%	5.6%	3.8%	0.3%
	2007	3.2%	2.7%	1.9%	1.1%	2.2%	2.5%	1.5%	2.5%	4.1%	3.0%	0.5%
	2008	3.4%	2.8%	2.6%	1.4%	2.0%	2.1%	1.5%	2.4%	3.9%	2.9%	2.8%
Private Institutions	2004	5.2%	7.1%	5.5%	4.7%	6.1%	7.7%	14.1%	6.3%	2.6%	8.9%	18.2%
	2005	3.3%	5.6%	4.3%	3.5%	5.6%	6.5%	9.0%	4.5%	1.9%	7.3%	15.5%
	2006	3.0%	4.8%	3.5%	2.8%	5.0%	3.4%	9.7%	4.1%	2.2%	5.6%	15.9%
	2007	2.8%	4.1%	2.7%	1.7%	4.8%	3.2%	6.7%	4.2%	2.2%	5.2%	13.6%
	2008	4.7%	4.1%	2.4%	1.3%	4.1%	2.7%	8.2%	4.4%	4.1%	4.9%	13.9%
All Institutions	2004	6.0%	5.6%	4.0%	3.6%	4.5%	5.0%	8.9%	5.4%	7.4%	7.7%	7.5%
	2005	4.2%	4.4%	3.0%	2.8%	4.1%	4.1%	5.9%	4.1%	6.0%	6.2%	6.5%
	2006	3.6%	3.7%	2.6%	2.4%	3.3%	2.9%	5.8%	3.6%	5.1%	5.0%	6.4%
	2007	3.0%	3.2%	2.2%	1.5%	3.1%	2.7%	3.8%	3.3%	3.8%	4.3%	5.7%
	2008	4.0%	3.3%	2.5%	1.3%	2.7%	2.2%	4.5%	3.3%	3.9%	4.1%	7.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 219: Number of Bachelor's Degrees in Computer and Information Sciences - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	501	30,712	3,535	117	1,106	680	1,311	2,462	819	1,603	1,099
	2005	523	28,159	2,976	159	1,035	613	1,087	2,094	821	1,719	989
	2006	430	23,561	2,387	123	808	492	815	1,649	615	1,532	792
	2007	345	20,471	2,000	109	689	395	641	1,340	534	1,420	694
	2008	321	18,563	1,762	83	659	386	558	1,134	551	1,280	682
	# Change 04-08	-180	-12,149	-1,773	-34	-447	-294	-753	-1,328	-268	-323	-417
	% Change 04-08	-35.9%	-39.6%	-50.2%	-29.1%	-40.4%	-43.2%	-57.4%	-53.9%	-32.7%	-20.1%	-37.9%
Private Institutions	2004	1,078	30,479	3,261	230	2,287	449	582	3,374	617	1,944	229
	2005	967	27,938	2,606	184	3,067	506	456	2,935	440	1,735	286
	2006	837	25,294	2,042	157	2,738	485	323	2,164	401	1,585	283
	2007	749	22,957	1,833	142	2,091	435	231	2,099	328	1,285	256
	2008	779	21,138	1,922	137	1,567	452	222	1,786	258	1,315	313
	# Change 04-08	-299	-9,341	-1,339	-93	-720	3	-360	-1,588	-359	-629	84
	% Change 04-08	-27.7%	-30.6%	-41.1%	-40.4%	-31.5%	0.7%	-61.9%	-47.1%	-58.2%	-32.4%	36.7%
All Institutions	2004	1,579	61,191	6,796	347	3,393	1,129	1,893	5,836	1,436	3,547	1,328
	2005	1,490	56,097	5,582	343	4,102	1,119	1,543	5,029	1,261	3,454	1,275
	2006	1,267	48,855	4,429	280	3,546	977	1,138	3,813	1,016	3,117	1,075
	2007	1,094	43,428	3,833	251	2,780	830	872	3,439	862	2,705	950
	2008	1,100	39,701	3,684	220	2,226	838	780	2,920	809	2,595	995
	# Change 04-08	-479	-21,490	-3,112	-127	-1,167	-291	-1,113	-2,916	-627	-952	-333
	% Change 04-08	-30.3%	-35.1%	-45.8%	-36.6%	-34.4%	-25.8%	-58.8%	-50.0%	-43.7%	-26.8%	-25.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 220: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.5%	3.2%	3.2%	1.4%	3.4%	3.7%	5.9%	5.4%	2.8%	4.2%	3.8%
	2005	3.5%	2.9%	2.6%	1.8%	3.1%	3.2%	4.7%	4.3%	2.8%	4.3%	3.4%
	2006	2.9%	2.3%	2.0%	1.2%	2.4%	2.5%	3.4%	3.3%	2.1%	3.7%	2.6%
	2007	2.3%	2.0%	1.7%	1.1%	2.0%	2.0%	2.7%	2.6%	1.8%	3.4%	2.2%
	2008	2.0%	1.8%	1.4%	0.8%	1.9%	1.9%	2.3%	2.2%	1.7%	3.1%	2.1%
Private Institutions	2004	3.0%	5.6%	8.3%	2.5%	7.6%	3.9%	6.7%	4.9%	4.5%	4.6%	2.5%
	2005	2.8%	5.0%	6.4%	2.1%	8.9%	4.1%	4.9%	4.3%	3.3%	4.1%	2.9%
	2006	2.3%	4.4%	4.9%	1.7%	7.1%	3.9%	3.6%	3.2%	3.0%	3.6%	2.7%
	2007	2.0%	3.8%	4.4%	1.5%	5.3%	3.4%	2.5%	2.9%	2.3%	2.9%	2.3%
	2008	2.0%	3.4%	4.4%	1.4%	4.0%	3.4%	2.2%	2.5%	1.8%	2.9%	2.7%
All Institutions	2004	3.2%	4.1%	4.6%	1.9%	5.4%	3.8%	6.1%	5.1%	3.3%	4.4%	3.5%
	2005	3.0%	3.7%	3.6%	1.9%	6.1%	3.6%	4.7%	4.3%	2.9%	4.2%	3.3%
	2006	2.5%	3.1%	2.8%	1.5%	5.0%	3.1%	3.5%	3.2%	2.3%	3.6%	2.6%
	2007	2.1%	2.7%	2.4%	1.3%	3.8%	2.5%	2.6%	2.8%	1.9%	3.1%	2.2%
	2008	2.0%	2.4%	2.2%	1.1%	3.0%	2.5%	2.3%	2.3%	1.7%	3.0%	2.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 221: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	229	10,323	1,078	39	496	97	428	795	491	285	455
	2005	182	9,758	1,176	25	411	103	343	816	370	251	370
	2006	143	9,086	1,164	27	470	83	374	732	326	175	494
	2007	132	8,422	860	29	451	112	290	733	327	155	484
	2008	152	9,094	898	23	768	90	366	729	375	152	509
	# Change 04-08	-77	-1,229	-180	-16	272	-7	-62	-66	-116	-133	54
	% Change 04-08	-33.6%	-11.9%	-16.7%	-41.0%	54.8%	-7.2%	-14.5%	-8.3%	-23.6%	-46.7%	11.9%
Private Institutions	2004	736	10,698	1,228	295	883	316	289	1,870	29	954	36
	2005	774	9,842	1,058	280	1,224	357	239	1,649	19	758	22
	2006	660	9,035	912	204	1,186	355	200	1,589	11	836	29
	2007	762	8,781	835	211	1,255	374	241	1,463	15	702	39
	2008	745	9,113	953	224	1,193	413	213	1,445	14	819	53
	# Change 04-08	9	-1,585	-275	-71	310	97	-76	-425	-15	-135	17
	% Change 04-08	1.2%	-14.8%	-22.4%	-24.1%	35.1%	30.7%	-26.3%	-22.7%	-51.7%	-14.2%	47.2%
All Institutions	2004	965	21,021	2,306	334	1,379	413	717	2,665	520	1,239	491
	2005	956	19,600	2,234	305	1,635	460	582	2,465	389	1,009	392
	2006	803	18,121	2,076	231	1,656	438	574	2,321	337	1,011	523
	2007	894	17,203	1,695	240	1,706	486	531	2,196	342	857	523
	2008	897	18,207	1,851	247	1,961	503	579	2,174	389	971	562
	# Change 04-08	-68	-2,814	-455	-87	582	90	-138	-491	-131	-268	71
	% Change 04-08	-7.0%	-13.4%	-19.7%	-26.0%	42.2%	21.8%	-19.2%	-18.4%	-25.2%	-21.6%	14.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 222: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.4%	3.5%	4.1%	1.2%	4.1%	2.2%	6.2%	4.1%	5.9%	2.8%	4.6%
	2005	3.4%	3.2%	4.2%	0.7%	3.5%	2.1%	4.8%	4.4%	4.3%	2.5%	3.5%
	2006	2.7%	2.9%	4.1%	0.7%	4.0%	1.6%	5.2%	3.8%	3.7%	1.7%	4.4%
	2007	2.4%	2.7%	3.1%	0.8%	3.8%	2.1%	4.0%	3.9%	3.5%	1.5%	4.3%
	2008	2.5%	2.8%	2.9%	0.6%	6.1%	1.6%	5.0%	3.9%	3.8%	1.4%	4.3%
Private Institutions	2004	3.0%	3.6%	3.5%	5.0%	3.8%	4.1%	5.0%	3.9%	0.9%	5.4%	1.3%
	2005	3.2%	3.2%	3.1%	4.4%	4.6%	3.9%	3.9%	3.5%	0.6%	4.1%	0.7%
	2006	2.7%	2.7%	2.6%	3.3%	4.2%	3.1%	3.1%	3.2%	0.3%	4.3%	0.9%
	2007	3.1%	2.5%	2.4%	3.5%	4.5%	3.0%	3.6%	2.9%	0.4%	3.4%	1.1%
	2008	2.9%	2.5%	2.6%	3.6%	4.1%	3.0%	3.0%	2.9%	0.4%	3.8%	1.2%
All Institutions	2004	3.3%	3.5%	3.7%	3.6%	3.9%	3.4%	5.6%	3.9%	4.5%	4.4%	3.9%
	2005	3.2%	3.2%	3.6%	3.0%	4.3%	3.2%	4.4%	3.8%	3.3%	3.6%	2.9%
	2006	2.7%	2.8%	3.2%	2.3%	4.1%	2.6%	4.2%	3.4%	2.7%	3.4%	3.7%
	2007	3.0%	2.6%	2.7%	2.5%	4.3%	2.7%	3.8%	3.2%	2.6%	2.8%	3.5%
	2008	2.8%	2.7%	2.8%	2.4%	4.7%	2.6%	4.0%	3.2%	2.8%	3.0%	3.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 223: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17	552	102	0	31	18	23	40	19	25	16
	2005	10	736	131	0	34	19	21	49	29	31	30
	2006	18	932	179	0	65	25	29	47	34	40	22
	2007	30	1,075	207	0	57	22	19	55	36	42	39
	2008	23	1,178	196	0	60	18	39	73	32	53	35
	# Change 04-08	6	626	94	0	29	0	16	33	13	28	19
	% Change 04-08	35.3%	113.4%	92.2%	N/A	93.5%	0.0%	69.6%	82.5%	68.4%	112.0%	118.8%
Private Institutions	2004	38	360	56	5	10	0	0	65	7	72	0
	2005	51	392	61	4	17	1	0	69	10	66	0
	2006	72	486	71	5	35	11	0	87	7	79	0
	2007	73	523	75	8	20	5	5	98	8	85	0
	2008	77	529	88	5	28	3	1	78	12	103	0
	# Change 04-08	39	169	32	0	18	3	1	13	5	31	0
	% Change 04-08	102.6%	46.9%	57.1%	0.0%	180.0%	N/A	N/A	20.0%	71.4%	43.1%	N/A
All Institutions	2004	55	912	158	5	41	18	23	105	26	97	16
	2005	61	1,128	192	4	51	20	21	118	39	97	30
	2006	90	1,418	250	5	100	36	29	134	41	119	22
	2007	103	1,598	282	8	77	27	24	153	44	127	39
	2008	100	1,707	284	5	88	21	40	151	44	156	35
	# Change 04-08	45	795	126	0	47	3	17	46	18	59	19
	% Change 04-08	81.8%	87.2%	79.7%	0.0%	114.6%	16.7%	73.9%	43.8%	69.2%	60.8%	118.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 224: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.2%	0.9%	1.9%	0.0%	1.4%	1.4%	1.3%	1.6%	1.1%	0.8%	0.7%
	2005	1.9%	1.1%	2.4%	0.0%	1.4%	1.3%	1.2%	1.9%	1.6%	1.0%	1.2%
	2006	3.7%	1.3%	3.1%	0.0%	2.6%	1.6%	1.6%	1.8%	1.8%	1.2%	0.8%
	2007	5.3%	1.5%	3.4%	0.0%	2.3%	1.3%	1.0%	2.1%	1.8%	1.3%	1.5%
	2008	4.3%	1.5%	3.1%	0.0%	2.3%	1.2%	1.9%	2.6%	1.5%	1.6%	1.2%
Private Institutions	2004	0.6%	0.5%	0.6%	0.5%	0.2%	0.0%	0.0%	0.7%	0.5%	1.7%	0.0%
	2005	0.8%	0.5%	0.6%	0.4%	0.3%	0.1%	0.0%	0.7%	0.7%	1.4%	0.0%
	2006	1.1%	0.6%	0.7%	0.5%	0.7%	0.6%	0.0%	0.8%	0.5%	1.6%	0.0%
	2007	1.0%	0.7%	0.7%	0.8%	0.4%	0.2%	0.4%	0.9%	0.5%	1.6%	0.0%
	2008	1.1%	0.7%	0.9%	0.5%	0.5%	0.1%	0.1%	0.7%	0.8%	2.0%	0.0%
All Institutions	2004	0.8%	0.7%	1.1%	0.3%	0.6%	0.7%	0.8%	0.8%	0.8%	1.3%	0.4%
	2005	0.9%	0.8%	1.3%	0.2%	0.7%	0.7%	0.7%	0.9%	1.2%	1.2%	0.8%
	2006	1.2%	1.0%	1.6%	0.3%	1.3%	1.1%	1.0%	1.0%	1.2%	1.4%	0.5%
	2007	1.3%	1.0%	1.8%	0.4%	1.0%	0.7%	0.8%	1.2%	1.2%	1.5%	0.9%
	2008	1.3%	1.1%	1.7%	0.3%	1.1%	0.5%	1.3%	1.1%	1.2%	1.8%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 225: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Female Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	324	16,738	1,527	22	733	299	222	661	1,039	336	26
	2005	207	12,825	1,166	28	689	196	143	519	834	275	11
	2006	152	10,052	924	25	432	182	103	413	726	213	8
	2007	104	8,342	955	14	324	171	58	312	479	164	13
	2008	127	8,751	1,600	9	309	96	66	266	451	133	158
	# Change 04-08	-197	-7,987	73	-13	-424	-203	-156	-395	-588	-203	132
	% Change 04-08	-60.8%	-47.7%	4.8%	-59.1%	-57.8%	-67.9%	-70.3%	-59.8%	-56.6%	-60.4%	507.7%
Private Institutions	2004	121	10,835	906	89	412	108	629	654	27	755	804
	2005	64	8,667	717	50	533	98	462	417	19	626	695
	2006	112	7,485	585	42	551	49	363	384	34	493	757
	2007	108	6,560	457	23	496	32	217	409	39	508	632
	2008	200	6,462	344	20	376	28	266	363	61	473	659
	# Change 04-08	79	-4,373	-562	-69	-36	-80	-363	-291	34	-282	-145
	% Change 04-08	65.3%	-40.4%	-62.0%	-77.5%	-8.7%	-74.1%	-57.7%	-44.5%	125.9%	-37.4%	-18.0%
All Institutions	2004	445	27,573	2,433	111	1,145	407	851	1,315	1,066	1,091	830
	2005	271	21,492	1,883	78	1,222	294	605	936	853	901	706
	2006	264	17,537	1,509	67	983	231	466	797	760	706	765
	2007	212	14,902	1,412	37	820	203	275	721	518	672	645
	2008	327	15,213	1,944	29	685	124	332	629	512	606	817
	# Change 04-08	-118	-12,360	-489	-82	-460	-283	-519	-686	-554	-485	-13
	% Change 04-08	-26.5%	-44.8%	-20.1%	-73.9%	-40.2%	-69.5%	-61.0%	-52.2%	-52.0%	-44.5%	-1.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 226: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.4%	3.2%	2.1%	0.8%	2.7%	2.3%	2.4%	2.4%	5.8%	3.0%	0.3%
	2005	2.7%	2.3%	1.5%	0.9%	2.4%	1.5%	1.5%	1.8%	4.4%	2.3%	0.1%
	2006	2.0%	1.8%	1.2%	0.8%	1.5%	1.3%	1.1%	1.4%	3.7%	1.8%	0.1%
	2007	1.4%	1.5%	1.2%	0.4%	1.1%	1.2%	0.6%	1.1%	2.4%	1.3%	0.1%
	2008	1.6%	1.5%	2.0%	0.3%	1.1%	0.7%	0.6%	0.9%	2.3%	1.0%	1.4%
Private Institutions	2004	1.9%	3.6%	1.9%	2.5%	4.2%	2.6%	7.5%	2.6%	1.2%	4.9%	11.8%
	2005	0.8%	2.6%	1.4%	1.3%	3.8%	2.2%	4.8%	1.7%	0.8%	3.6%	9.3%
	2006	1.5%	2.2%	1.1%	1.0%	3.4%	1.0%	3.8%	1.6%	1.2%	2.6%	10.0%
	2007	1.6%	1.8%	0.9%	0.6%	3.0%	0.7%	2.3%	1.7%	1.3%	2.7%	8.1%
	2008	2.8%	1.7%	0.6%	0.5%	2.3%	0.6%	2.9%	1.6%	2.1%	2.5%	8.1%
All Institutions	2004	3.2%	3.3%	2.0%	1.7%	3.1%	2.4%	4.8%	2.5%	5.3%	4.1%	5.0%
	2005	1.8%	2.4%	1.5%	1.1%	2.8%	1.6%	3.2%	1.8%	4.0%	3.1%	4.0%
	2006	1.8%	1.9%	1.2%	0.9%	2.2%	1.2%	2.4%	1.5%	3.4%	2.3%	4.3%
	2007	1.5%	1.6%	1.1%	0.5%	1.8%	1.1%	1.4%	1.3%	2.3%	2.1%	3.6%
	2008	2.2%	1.6%	1.4%	0.4%	1.5%	0.7%	1.7%	1.2%	2.2%	1.9%	4.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 227: Number of Bachelor's Degrees in Computer and Information Sciences - Female Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	120	7,023	788	16	240	122	348	646	198	337	232
	2005	108	5,740	577	19	174	94	253	470	186	301	210
	2006	63	4,245	403	18	116	68	149	368	128	253	128
	2007	54	3,301	302	12	86	34	103	246	86	199	93
	2008	49	2,787	212	10	71	39	92	204	94	201	102
	# Change 04-08	-71	-4,236	-576	-6	-169	-83	-256	-442	-104	-136	-130
	% Change 04-08	-59.2%	-60.3%	-73.1%	-37.5%	-70.4%	-68.0%	-73.6%	-68.4%	-52.5%	-40.4%	-56.0%
Private Institutions	2004	262	8,358	779	54	655	100	137	857	230	517	76
	2005	200	6,804	544	34	755	118	105	626	140	415	90
	2006	151	5,882	369	31	640	115	66	442	128	324	76
	2007	148	4,794	353	29	437	106	40	352	81	275	63
	2008	142	4,272	311	27	341	96	33	333	73	291	72
	# Change 04-08	-120	-4,086	-468	-27	-314	-4	-104	-524	-157	-226	-4
	% Change 04-08	-45.8%	-48.9%	-60.1%	-50.0%	-47.9%	-4.0%	-75.9%	-61.1%	-68.3%	-43.7%	-5.3%
All Institutions	2004	382	15,381	1,567	70	895	222	485	1,503	428	854	308
	2005	308	12,544	1,121	53	929	212	358	1,096	326	716	300
	2006	214	10,127	772	49	756	183	215	810	256	577	204
	2007	202	8,095	655	41	523	140	143	598	167	474	156
	2008	191	7,059	523	37	412	135	125	537	167	492	174
	# Change 04-08	-191	-8,322	-1,044	-33	-483	-87	-360	-966	-261	-362	-134
	% Change 04-08	-50.0%	-54.1%	-66.6%	-47.1%	-54.0%	-39.2%	-74.2%	-64.3%	-61.0%	-42.4%	-43.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 228: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.4%	1.3%	1.2%	0.3%	1.3%	1.2%	2.6%	2.4%	1.2%	1.6%	1.4%
	2005	1.2%	1.0%	0.9%	0.4%	1.0%	0.9%	1.8%	1.7%	1.1%	1.3%	1.3%
	2006	0.7%	0.7%	0.6%	0.3%	0.7%	0.6%	1.1%	1.3%	0.7%	1.1%	0.7%
	2007	0.6%	0.6%	0.4%	0.2%	0.5%	0.3%	0.8%	0.8%	0.5%	0.9%	0.5%
	2008	0.5%	0.5%	0.3%	0.2%	0.4%	0.3%	0.7%	0.7%	0.5%	0.9%	0.6%
Private Institutions	2004	1.3%	2.7%	3.5%	1.0%	3.7%	1.4%	2.7%	2.2%	2.8%	2.1%	1.4%
	2005	1.0%	2.1%	2.4%	0.7%	3.8%	1.6%	1.9%	1.6%	1.7%	1.7%	1.5%
	2006	0.7%	1.7%	1.6%	0.6%	2.8%	1.6%	1.3%	1.1%	1.5%	1.3%	1.2%
	2007	0.7%	1.4%	1.5%	0.5%	1.8%	1.4%	0.8%	0.9%	0.9%	1.1%	0.9%
	2008	0.6%	1.2%	1.2%	0.5%	1.5%	1.2%	0.6%	0.8%	0.8%	1.1%	1.0%
All Institutions	2004	1.3%	1.8%	1.8%	0.7%	2.5%	1.3%	2.7%	2.3%	1.7%	1.9%	1.4%
	2005	1.0%	1.4%	1.3%	0.5%	2.5%	1.2%	1.9%	1.6%	1.3%	1.5%	1.3%
	2006	0.7%	1.1%	0.8%	0.4%	1.9%	1.0%	1.1%	1.2%	1.0%	1.2%	0.9%
	2007	0.7%	0.9%	0.7%	0.4%	1.2%	0.7%	0.8%	0.8%	0.6%	1.0%	0.6%
	2008	0.6%	0.7%	0.5%	0.3%	1.0%	0.7%	0.6%	0.7%	0.6%	1.0%	0.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 229: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Female Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	81	3,336	411	21	124	34	147	297	165	93	149
	2005	66	2,987	382	5	106	29	123	304	119	76	112
	2006	44	2,608	334	10	123	18	113	263	87	60	129
	2007	35	2,361	246	13	91	25	91	251	98	41	121
	2008	37	2,540	217	10	176	22	126	262	102	31	142
	# Change 04-08	-44	-796	-194	-11	52	-12	-21	-35	-63	-62	-7
	% Change 04-08	-54.3%	-23.9%	-47.2%	-52.4%	41.9%	-35.3%	-14.3%	-11.8%	-38.2%	-66.7%	-4.7%
Private Institutions	2004	235	3,288	375	90	288	104	87	555	8	280	13
	2005	207	2,681	275	66	333	87	53	436	6	223	9
	2006	165	2,342	224	46	334	76	51	395	4	223	10
	2007	191	2,240	174	48	304	88	56	383	4	203	10
	2008	176	2,347	210	57	294	127	54	400	4	240	19
	# Change 04-08	-59	-941	-165	-33	6	23	-33	-155	-4	-40	6
	% Change 04-08	-25.1%	-28.6%	-44.0%	-36.7%	2.1%	22.1%	-37.9%	-27.9%	-50.0%	-14.3%	46.2%
All Institutions	2004	316	6,624	786	111	412	138	234	852	173	373	162
	2005	273	5,668	657	71	439	116	176	740	125	299	121
	2006	209	4,950	558	56	457	94	164	658	91	283	139
	2007	226	4,601	420	61	395	113	147	634	102	244	131
	2008	213	4,887	427	67	470	149	180	662	106	271	161
	# Change 04-08	-103	-1,737	-359	-44	58	11	-54	-190	-67	-102	-1
	% Change 04-08	-32.6%	-26.2%	-45.7%	-39.6%	14.1%	8.0%	-23.1%	-22.3%	-38.7%	-27.3%	-0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 230: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	1.9%	2.7%	1.0%	1.8%	1.3%	3.4%	2.3%	3.3%	1.5%	2.6%
	2005	1.9%	1.6%	2.4%	0.2%	1.5%	1.0%	2.7%	2.5%	2.3%	1.3%	1.8%
	2006	1.2%	1.4%	2.1%	0.4%	1.8%	0.6%	2.4%	2.1%	1.6%	0.9%	1.9%
	2007	0.9%	1.2%	1.5%	0.6%	1.3%	0.8%	2.0%	2.0%	1.7%	0.6%	1.8%
	2008	0.9%	1.3%	1.3%	0.4%	2.4%	0.7%	2.7%	2.2%	1.7%	0.5%	2.0%
Private Institutions	2004	1.6%	1.9%	1.8%	2.8%	2.3%	1.9%	2.9%	1.8%	0.5%	2.8%	0.7%
	2005	1.5%	1.5%	1.4%	1.8%	2.2%	1.3%	1.7%	1.5%	0.4%	2.1%	0.5%
	2006	1.1%	1.2%	1.1%	1.3%	2.1%	0.9%	1.6%	1.3%	0.2%	2.0%	0.5%
	2007	1.3%	1.1%	0.8%	1.4%	1.9%	1.0%	1.7%	1.2%	0.2%	1.7%	0.4%
	2008	1.1%	1.1%	1.0%	1.6%	1.7%	1.2%	1.5%	1.3%	0.2%	1.9%	0.7%
All Institutions	2004	1.8%	1.9%	2.2%	2.0%	2.1%	1.7%	3.2%	2.0%	2.6%	2.3%	2.1%
	2005	1.5%	1.5%	1.9%	1.2%	2.0%	1.2%	2.3%	1.8%	1.8%	1.8%	1.5%
	2006	1.1%	1.3%	1.5%	0.9%	2.0%	0.8%	2.1%	1.5%	1.2%	1.6%	1.6%
	2007	1.2%	1.2%	1.1%	1.0%	1.7%	0.9%	1.9%	1.4%	1.3%	1.3%	1.4%
	2008	1.1%	1.2%	1.1%	1.1%	1.9%	1.1%	2.2%	1.5%	1.3%	1.4%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 231: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Female Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	108	23	0	8	6	9	7	9	6	3
	2005	1	131	19	0	6	4	9	10	5	7	4
	2006	2	196	41	0	12	5	7	7	6	10	6
	2007	7	208	46	0	10	6	5	6	7	6	13
	2008	6	255	47	0	10	5	12	12	5	12	6
	# Change 04-08	2	147	24	0	2	-1	3	5	-4	6	3
	% Change 04-08	50.0%	136.1%	104.3%	N/A	25.0%	-16.7%	33.3%	71.4%	-44.4%	100.0%	100.0%
Private Institutions	2004	8	93	10	1	1	0	0	16	1	18	0
	2005	10	84	9	1	2	0	0	14	2	14	0
	2006	12	111	12	0	4	3	0	29	1	16	0
	2007	19	121	16	0	5	1	1	24	2	21	0
	2008	13	122	14	1	8	0	0	18	3	28	0
	# Change 04-08	5	29	4	0	7	0	0	2	2	10	0
	% Change 04-08	62.5%	31.2%	40.0%	0.0%	700.0%	N/A	N/A	12.5%	200.0%	55.6%	N/A
All Institutions	2004	12	201	33	1	9	6	9	23	10	24	3
	2005	11	215	28	1	8	4	9	24	7	21	4
	2006	14	307	53	0	16	8	7	36	7	26	6
	2007	26	329	62	0	15	7	6	30	9	27	13
	2008	19	377	61	1	18	5	12	30	8	40	6
	# Change 04-08	7	176	28	0	9	-1	3	7	-2	16	3
	% Change 04-08	58.3%	87.6%	84.8%	0.0%	100.0%	-16.7%	33.3%	30.4%	-20.0%	66.7%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 232: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.4%	0.3%	0.9%	0.0%	0.8%	0.9%	1.0%	0.6%	1.0%	0.4%	0.3%
	2005	0.4%	0.4%	0.7%	0.0%	0.5%	0.6%	1.0%	0.8%	0.5%	0.5%	0.3%
	2006	0.9%	0.6%	1.5%	0.0%	1.0%	0.6%	0.8%	0.5%	0.6%	0.6%	0.5%
	2007	2.4%	0.6%	1.6%	0.0%	0.8%	0.7%	0.5%	0.5%	0.7%	0.4%	1.0%
	2008	2.4%	0.7%	1.5%	0.0%	0.8%	0.6%	1.1%	0.8%	0.4%	0.7%	0.4%
Private Institutions	2004	0.3%	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.3%	0.2%	0.8%	0.0%
	2005	0.3%	0.2%	0.2%	0.2%	0.1%	0.0%	0.0%	0.3%	0.3%	0.6%	0.0%
	2006	0.3%	0.3%	0.3%	0.0%	0.2%	0.3%	0.0%	0.5%	0.2%	0.6%	0.0%
	2007	0.5%	0.3%	0.3%	0.0%	0.2%	0.1%	0.2%	0.4%	0.3%	0.7%	0.0%
	2008	0.4%	0.3%	0.3%	0.2%	0.3%	0.0%	0.0%	0.3%	0.4%	1.0%	0.0%
All Institutions	2004	0.4%	0.3%	0.5%	0.1%	0.3%	0.4%	0.7%	0.4%	0.6%	0.7%	0.2%
	2005	0.3%	0.3%	0.4%	0.1%	0.2%	0.3%	0.7%	0.4%	0.4%	0.5%	0.2%
	2006	0.4%	0.4%	0.7%	0.0%	0.4%	0.5%	0.5%	0.5%	0.4%	0.6%	0.3%
	2007	0.7%	0.4%	0.8%	0.0%	0.4%	0.3%	0.4%	0.4%	0.5%	0.6%	0.6%
	2008	0.5%	0.5%	0.7%	0.1%	0.5%	0.2%	0.8%	0.4%	0.4%	0.9%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 233: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Male Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	425	26,684	2,351	69	1,182	684	342	1,396	1,393	753	90
	2005	366	22,940	1,844	53	1,042	589	288	1,209	1,259	598	67
	2006	316	20,104	1,591	49	776	470	231	1,012	1,059	535	44
	2007	256	18,384	1,531	40	810	435	187	859	848	434	60
	2008	271	19,273	1,868	61	739	389	194	855	853	462	333
	# Change 04-08	-154	-7,411	-483	-8	-443	-295	-148	-541	-540	-291	243
	% Change 04-08	-36.2%	-27.8%	-20.5%	-11.6%	-37.5%	-43.1%	-43.3%	-38.8%	-38.8%	-38.6%	270.0%
Private Institutions	2004	326	22,001	2,983	213	618	369	1,288	1,731	75	1,747	994
	2005	266	18,995	2,464	199	769	349	843	1,286	60	1,583	923
	2006	171	16,908	2,097	163	686	174	1,032	1,079	72	1,351	875
	2007	166	15,249	1,619	106	680	178	682	1,158	69	1,155	820
	2008	275	16,374	1,669	77	658	161	861	1,194	137	1,115	904
	# Change 04-08	-51	-5,627	-1,314	-136	40	-208	-427	-537	62	-632	-90
	% Change 04-08	-15.6%	-25.6%	-44.0%	-63.8%	6.5%	-56.4%	-33.2%	-31.0%	82.7%	-36.2%	-9.1%
All Institutions	2004	751	48,685	5,334	282	1,800	1,053	1,630	3,127	1,468	2,500	1,084
	2005	632	41,935	4,308	252	1,811	938	1,131	2,495	1,319	2,181	990
	2006	487	37,012	3,688	212	1,462	644	1,263	2,091	1,131	1,886	919
	2007	422	33,633	3,150	146	1,490	613	869	2,017	917	1,589	880
	2008	546	35,647	3,537	138	1,397	550	1,055	2,049	990	1,577	1,237
	# Change 04-08	-205	-13,038	-1,797	-144	-403	-503	-575	-1,078	-478	-923	153
	% Change 04-08	-27.3%	-26.8%	-33.7%	-51.1%	-22.4%	-47.8%	-35.3%	-34.5%	-32.6%	-36.9%	14.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 234: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	11.3%	7.4%	4.8%	4.8%	5.7%	6.8%	6.6%	8.6%	11.0%	10.4%	1.6%
	2005	9.3%	6.0%	3.5%	3.6%	4.6%	6.2%	5.3%	7.1%	9.7%	8.3%	1.2%
	2006	8.0%	5.2%	3.3%	3.3%	3.7%	5.0%	4.1%	6.0%	8.4%	7.3%	0.8%
	2007	6.4%	4.6%	2.9%	2.5%	3.7%	4.5%	3.1%	5.0%	6.6%	6.0%	1.0%
	2008	6.8%	4.6%	3.5%	3.5%	3.3%	4.1%	2.9%	5.0%	6.3%	6.0%	5.0%
Private Institutions	2004	13.9%	13.7%	13.1%	7.3%	8.6%	17.7%	25.1%	13.5%	4.7%	13.8%	32.6%
	2005	11.0%	11.6%	10.1%	6.1%	8.6%	15.2%	17.2%	10.4%	3.4%	12.3%	30.4%
	2006	7.9%	10.1%	8.2%	4.9%	8.0%	9.7%	21.6%	9.3%	3.7%	9.7%	32.3%
	2007	6.0%	9.0%	6.5%	3.1%	8.6%	10.2%	17.0%	9.3%	3.6%	8.8%	28.5%
	2008	9.5%	9.1%	6.2%	2.2%	7.6%	7.8%	18.7%	9.8%	7.3%	8.3%	29.5%
All Institutions	2004	12.3%	9.3%	7.4%	6.4%	6.5%	8.6%	15.8%	10.7%	10.3%	12.6%	12.3%
	2005	10.0%	7.7%	5.6%	5.3%	5.8%	7.9%	11.0%	8.5%	8.9%	10.8%	11.4%
	2006	8.0%	6.7%	4.9%	4.4%	5.0%	5.8%	12.1%	7.3%	7.8%	8.9%	11.0%
	2007	6.2%	5.9%	4.1%	2.9%	5.0%	5.3%	8.7%	6.8%	6.3%	7.8%	9.9%
	2008	7.9%	6.0%	4.4%	2.6%	4.5%	4.7%	9.4%	7.0%	6.4%	7.5%	12.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 235: Number of Bachelor's Degrees in Computer and Information Sciences - Male Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	381	23,689	2,747	101	866	558	963	1,816	621	1,266	867
	2005	415	22,419	2,399	140	861	519	834	1,624	635	1,418	779
	2006	367	19,316	1,984	105	692	424	666	1,281	487	1,279	664
	2007	291	17,170	1,698	97	603	361	538	1,094	448	1,221	601
	2008	272	15,776	1,550	73	588	347	466	930	457	1,079	580
	# Change 04-08	-109	-7,913	-1,197	-28	-278	-211	-497	-886	-164	-187	-287
	% Change 04-08	-28.6%	-33.4%	-43.6%	-27.7%	-32.1%	-37.8%	-51.6%	-48.8%	-26.4%	-14.8%	-33.1%
Private Institutions	2004	816	22,121	2,482	176	1,632	349	445	2,517	387	1,427	153
	2005	767	21,134	2,062	150	2,312	388	351	2,309	300	1,320	196
	2006	686	19,412	1,673	126	2,098	370	257	1,722	273	1,261	207
	2007	601	18,163	1,480	113	1,654	329	191	1,747	247	1,010	193
	2008	637	16,866	1,611	110	1,226	356	189	1,453	185	1,024	241
	# Change 04-08	-179	-5,255	-871	-66	-406	7	-256	-1,064	-202	-403	88
	% Change 04-08	-21.9%	-23.8%	-35.1%	-37.5%	-24.9%	2.0%	-57.5%	-42.3%	-52.2%	-28.2%	57.5%
All Institutions	2004	1,197	45,810	5,229	277	2,498	907	1,408	4,333	1,008	2,693	1,020
	2005	1,182	43,553	4,461	290	3,173	907	1,185	3,933	935	2,738	975
	2006	1,053	38,728	3,657	231	2,790	794	923	3,003	760	2,540	871
	2007	892	35,333	3,178	210	2,257	690	729	2,841	695	2,231	794
	2008	909	32,642	3,161	183	1,814	703	655	2,383	642	2,103	821
	# Change 04-08	-288	-13,168	-2,068	-94	-684	-204	-753	-1,950	-366	-590	-199
	% Change 04-08	-24.1%	-28.7%	-39.5%	-33.9%	-27.4%	-22.5%	-53.5%	-45.0%	-36.3%	-21.9%	-19.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 236: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.5%	5.9%	6.1%	2.8%	5.8%	7.0%	10.5%	9.7%	4.9%	7.5%	7.2%
	2005	6.9%	5.4%	5.1%	3.6%	5.7%	6.3%	8.7%	8.1%	5.1%	8.0%	6.1%
	2006	5.8%	4.5%	4.1%	2.5%	4.6%	5.0%	6.8%	6.3%	4.0%	6.9%	5.1%
	2007	4.5%	3.9%	3.4%	2.3%	3.7%	4.1%	5.2%	5.1%	3.5%	6.5%	4.5%
	2008	4.0%	3.5%	3.0%	1.7%	3.6%	3.9%	4.4%	4.2%	3.4%	5.7%	4.2%
Private Institutions	2004	5.4%	9.7%	14.4%	4.6%	13.4%	7.8%	12.2%	8.6%	7.0%	8.1%	4.3%
	2005	5.3%	9.0%	11.7%	4.1%	16.0%	7.9%	9.2%	7.7%	5.6%	7.3%	5.2%
	2006	4.6%	8.1%	9.5%	3.2%	13.3%	7.5%	6.7%	6.1%	5.2%	6.8%	5.0%
	2007	3.9%	7.2%	8.3%	2.8%	10.5%	6.4%	4.8%	5.8%	4.5%	5.4%	4.6%
	2008	4.0%	6.6%	8.5%	2.6%	8.0%	6.6%	4.4%	4.8%	3.3%	5.4%	5.1%
All Institutions	2004	5.7%	7.2%	8.4%	3.7%	9.2%	7.3%	11.0%	9.1%	5.6%	7.8%	6.5%
	2005	5.8%	6.7%	6.9%	3.8%	10.8%	6.9%	8.9%	7.9%	5.3%	7.6%	5.9%
	2006	5.0%	5.8%	5.5%	2.9%	9.0%	5.9%	6.8%	6.2%	4.3%	6.9%	5.1%
	2007	4.1%	5.1%	4.7%	2.5%	7.1%	5.0%	5.1%	5.5%	3.8%	5.9%	4.5%
	2008	4.0%	4.6%	4.5%	2.1%	5.8%	4.9%	4.4%	4.6%	3.4%	5.5%	4.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 237: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Male Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	148	6,987	667	18	372	63	281	498	326	192	306
	2005	116	6,771	794	20	305	74	220	512	251	175	258
	2006	99	6,478	830	17	347	65	261	469	239	115	365
	2007	97	6,061	614	16	360	87	199	482	229	114	363
	2008	115	6,554	681	13	592	68	240	467	273	121	367
	# Change 04-08	-33	-433	14	-5	220	5	-41	-31	-53	-71	61
	% Change 04-08	-22.3%	-6.2%	2.1%	-27.8%	59.1%	7.9%	-14.6%	-6.2%	-16.3%	-37.0%	19.9%
Private Institutions	2004	501	7,410	853	205	595	212	202	1,315	21	674	23
	2005	567	7,161	783	214	891	270	186	1,213	13	535	13
	2006	495	6,693	688	158	852	279	149	1,194	7	613	19
	2007	571	6,541	661	163	951	286	185	1,080	11	499	29
	2008	569	6,766	743	167	899	286	159	1,045	10	579	34
	# Change 04-08	68	-644	-110	-38	304	74	-43	-270	-11	-95	11
	% Change 04-08	13.6%	-8.7%	-12.9%	-18.5%	51.1%	34.9%	-21.3%	-20.5%	-52.4%	-14.1%	47.8%
All Institutions	2004	649	14,397	1,520	223	967	275	483	1,813	347	866	329
	2005	683	13,932	1,577	234	1,196	344	406	1,725	264	710	271
	2006	594	13,171	1,518	175	1,199	344	410	1,663	246	728	384
	2007	668	12,602	1,275	179	1,311	373	384	1,562	240	613	392
	2008	684	13,320	1,424	180	1,491	354	399	1,512	283	700	401
	# Change 04-08	35	-1,077	-96	-43	524	79	-84	-301	-64	-166	72
	% Change 04-08	5.4%	-7.5%	-6.3%	-19.3%	54.2%	28.7%	-17.4%	-16.6%	-18.4%	-19.2%	21.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 238: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.5%	5.8%	6.2%	1.6%	7.4%	3.4%	10.5%	7.5%	9.9%	4.9%	7.5%
	2005	6.6%	5.5%	6.6%	1.7%	6.3%	3.7%	8.3%	7.8%	7.6%	4.4%	6.1%
	2006	5.8%	5.2%	6.7%	1.4%	7.0%	3.0%	9.9%	7.0%	7.0%	3.0%	8.1%
	2007	5.2%	5.0%	5.4%	1.3%	7.4%	4.1%	7.4%	7.3%	6.6%	2.9%	8.2%
	2008	5.6%	5.1%	5.1%	0.9%	11.3%	2.8%	8.9%	7.0%	7.3%	2.9%	7.8%
Private Institutions	2004	5.0%	6.0%	5.8%	7.6%	5.6%	9.5%	7.2%	7.1%	1.3%	8.8%	2.3%
	2005	5.7%	5.6%	5.5%	7.7%	7.7%	10.2%	6.4%	6.7%	0.8%	6.9%	1.2%
	2006	5.0%	5.0%	4.7%	6.0%	7.0%	9.5%	4.6%	6.2%	0.4%	7.3%	1.6%
	2007	6.0%	4.8%	4.6%	6.3%	7.9%	9.0%	5.6%	5.6%	0.6%	5.9%	2.2%
	2008	5.5%	4.8%	4.9%	6.2%	7.4%	8.2%	4.4%	5.7%	0.5%	6.6%	1.9%
All Institutions	2004	5.5%	5.9%	5.9%	5.8%	6.2%	6.7%	8.8%	7.2%	7.0%	7.5%	6.4%
	2005	5.9%	5.6%	6.0%	5.9%	7.2%	7.4%	7.3%	7.0%	5.4%	6.0%	5.0%
	2006	5.1%	5.1%	5.6%	4.6%	7.0%	6.7%	7.0%	6.4%	4.8%	5.9%	6.8%
	2007	5.9%	4.9%	5.0%	4.8%	7.8%	7.0%	6.4%	6.1%	4.5%	5.0%	6.9%
	2008	5.6%	5.0%	5.0%	4.4%	8.6%	6.0%	6.3%	6.0%	5.1%	5.4%	6.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 239: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Male Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	13	444	79	0	23	12	14	33	10	19	13
	2005	9	605	112	0	28	15	12	39	24	24	26
	2006	16	736	138	0	53	20	22	40	28	30	16
	2007	23	867	161	0	47	16	14	49	29	36	26
	2008	17	923	149	0	50	13	27	61	27	41	29
	# Change 04-08	4	479	70	0	27	1	13	28	17	22	16
	% Change 04-08	30.8%	107.9%	88.6%	N/A	117.4%	8.3%	92.9%	84.8%	170.0%	115.8%	123.1%
Private Institutions	2004	30	267	46	4	9	0	0	49	6	54	0
	2005	41	308	52	3	15	1	0	55	8	52	0
	2006	60	375	59	5	31	8	0	58	6	63	0
	2007	54	402	59	8	15	4	4	74	6	64	0
	2008	64	407	74	4	20	3	1	60	9	75	0
	# Change 04-08	34	140	28	0	11	3	1	11	3	21	0
	% Change 04-08	113.3%	52.4%	60.9%	0.0%	122.2%	N/A	N/A	22.4%	50.0%	38.9%	N/A
All Institutions	2004	43	711	125	4	32	12	14	82	16	73	13
	2005	50	913	164	3	43	16	12	94	32	76	26
	2006	76	1,111	197	5	84	28	22	98	34	93	16
	2007	77	1,269	220	8	62	20	18	123	35	100	26
	2008	81	1,330	223	4	70	16	28	121	36	116	29
	# Change 04-08	38	619	98	0	38	4	14	39	20	43	16
	% Change 04-08	88.4%	87.1%	78.4%	0.0%	118.8%	33.3%	100.0%	47.6%	125.0%	58.9%	123.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 240: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.2%	1.4%	3.0%	0.0%	2.0%	1.9%	1.5%	2.7%	1.2%	1.2%	1.0%
	2005	3.6%	1.8%	4.0%	0.0%	2.3%	2.0%	1.4%	3.1%	2.8%	1.5%	1.9%
	2006	6.3%	2.1%	4.7%	0.0%	4.0%	2.7%	2.5%	3.1%	3.0%	1.9%	1.2%
	2007	8.4%	2.4%	5.2%	0.0%	3.5%	2.0%	1.5%	3.7%	3.1%	2.3%	1.9%
	2008	6.0%	2.4%	4.6%	0.0%	3.6%	1.8%	2.8%	4.7%	2.8%	2.5%	2.0%
Private Institutions	2004	1.0%	0.7%	1.0%	0.7%	0.4%	0.0%	0.0%	1.0%	0.8%	2.5%	0.0%
	2005	1.3%	0.8%	1.0%	0.6%	0.6%	0.1%	0.0%	1.1%	1.1%	2.2%	0.0%
	2006	1.8%	1.0%	1.2%	1.0%	1.2%	0.9%	0.0%	1.1%	0.8%	2.6%	0.0%
	2007	1.5%	1.0%	1.2%	1.5%	0.6%	0.4%	0.6%	1.4%	0.7%	2.8%	0.0%
	2008	1.9%	1.0%	1.5%	0.8%	0.7%	0.3%	0.2%	1.1%	1.2%	3.1%	0.0%
All Institutions	2004	1.3%	1.0%	1.7%	0.5%	0.9%	0.9%	0.9%	1.3%	1.0%	2.0%	0.7%
	2005	1.4%	1.3%	2.1%	0.3%	1.1%	1.1%	0.8%	1.4%	2.0%	1.9%	1.3%
	2006	2.1%	1.5%	2.5%	0.6%	2.2%	1.7%	1.4%	1.5%	2.0%	2.3%	0.8%
	2007	2.0%	1.7%	2.7%	0.9%	1.5%	1.1%	1.1%	1.9%	2.0%	2.6%	1.1%
	2008	2.2%	1.7%	2.7%	0.5%	1.7%	0.9%	1.8%	1.8%	2.1%	2.8%	1.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 241: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Asian Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	51	2,778	780	3	139	57	148	269	93	40	27
	2005	41	2,050	551	11	109	52	81	174	64	27	20
	2006	30	1,454	373	6	67	31	45	146	46	17	14
	2007	14	1,355	420	1	67	24	15	105	31	17	17
	2008	19	2,003	1,072	3	42	14	17	77	25	16	44
	# Change 04-08	-32	-775	292	0	-97	-43	-131	-192	-68	-24	17
	% Change 04-08	-62.7%	-27.9%	37.4%	0.0%	-69.8%	-75.4%	-88.5%	-71.4%	-73.1%	-60.0%	63.0%
Private Institutions	2004	13	1,369	394	3	41	36	90	172	4	37	44
	2005	9	1,126	318	8	36	23	85	133	3	21	41
	2006	16	929	222	3	33	13	56	96	5	26	56
	2007	12	811	199	2	33	15	40	134	3	21	46
	2008	11	923	234	4	26	27	82	108	12	21	55
	# Change 04-08	-2	-446	-160	1	-15	-9	-8	-64	8	-16	11
	% Change 04-08	-15.4%	-32.6%	-40.6%	33.3%	-36.6%	-25.0%	-8.9%	-37.2%	200.0%	-43.2%	25.0%
All Institutions	2004	64	4,147	1,174	6	180	93	238	441	97	77	71
	2005	50	3,176	869	19	145	75	166	307	67	48	61
	2006	46	2,383	595	9	100	44	101	242	51	43	70
	2007	26	2,166	619	3	100	39	55	239	34	38	63
	2008	30	2,926	1,306	7	68	41	99	185	37	37	99
	# Change 04-08	-34	-1,221	132	1	-112	-52	-139	-256	-60	-40	28
	% Change 04-08	-53.1%	-29.4%	11.2%	16.7%	-62.2%	-55.9%	-58.4%	-58.0%	-61.9%	-51.9%	39.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 242: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	11.3%	6.8%	4.6%	2.1%	5.2%	9.9%	16.2%	14.9%	20.0%	10.6%	3.9%
	2005	9.2%	4.8%	3.1%	8.7%	4.2%	8.7%	8.9%	8.2%	13.3%	6.1%	2.9%
	2006	6.7%	3.3%	2.0%	5.6%	2.9%	4.4%	4.2%	6.4%	9.2%	3.8%	2.0%
	2007	2.9%	2.9%	2.2%	0.7%	2.4%	3.0%	1.6%	4.9%	5.9%	3.5%	1.9%
	2008	4.1%	4.1%	5.2%	2.1%	1.5%	1.9%	1.7%	3.4%	4.7%	2.8%	5.0%
Private Institutions	2004	4.0%	6.8%	4.7%	4.1%	7.7%	12.2%	19.3%	8.5%	7.5%	8.2%	13.6%
	2005	2.5%	5.6%	3.7%	11.1%	6.4%	7.5%	14.8%	7.0%	3.9%	5.3%	13.4%
	2006	4.5%	4.4%	2.3%	3.2%	4.6%	3.4%	10.3%	4.6%	6.3%	5.4%	17.6%
	2007	3.6%	3.9%	2.2%	1.7%	5.2%	4.5%	7.3%	6.1%	3.7%	4.7%	14.6%
	2008	2.9%	4.0%	2.3%	2.4%	3.8%	6.4%	12.9%	4.8%	14.6%	4.2%	17.2%
All Institutions	2004	8.3%	6.8%	4.7%	2.8%	5.6%	10.7%	17.2%	11.5%	18.7%	9.3%	7.0%
	2005	6.2%	5.1%	3.3%	9.5%	4.6%	8.3%	11.2%	7.6%	12.0%	5.7%	6.1%
	2006	5.7%	3.7%	2.1%	4.5%	3.3%	4.0%	6.3%	5.6%	8.8%	4.6%	6.8%
	2007	3.2%	3.2%	2.2%	1.1%	2.9%	3.5%	3.7%	5.5%	5.6%	4.0%	5.2%
	2008	3.5%	4.1%	4.3%	2.3%	2.0%	3.5%	6.1%	4.1%	6.0%	3.5%	8.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 243: Number of Bachelor's Degrees in Computer and Information Sciences - Asian Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43	5,057	1,482	14	240	61	425	610	82	139	103
	2005	54	4,079	1,213	21	152	61	309	463	67	113	129
	2006	38	3,027	881	17	101	35	210	301	43	108	114
	2007	30	2,217	684	13	82	25	123	209	27	93	72
	2008	32	1,870	555	6	75	39	108	169	31	65	72
	# Change 04-08	-11	-3,187	-927	-8	-165	-22	-317	-441	-51	-74	-31
	% Change 04-08	-25.6%	-63.0%	-62.6%	-57.1%	-68.8%	-36.1%	-74.6%	-72.3%	-62.2%	-53.2%	-30.1%
Private Institutions	2004	192	2,777	610	19	269	28	85	537	39	221	15
	2005	162	2,425	559	11	319	28	60	415	16	192	21
	2006	106	1,723	345	11	205	19	43	275	9	151	11
	2007	94	1,445	314	7	119	18	17	236	16	104	8
	2008	100	1,336	285	6	99	18	32	161	13	114	10
	# Change 04-08	-92	-1,441	-325	-13	-170	-10	-53	-376	-26	-107	-5
	% Change 04-08	-47.9%	-51.9%	-53.3%	-68.4%	-63.2%	-35.7%	-62.4%	-70.0%	-66.7%	-48.4%	-33.3%
All Institutions	2004	235	7,834	2,092	33	509	89	510	1,147	121	360	118
	2005	216	6,504	1,772	32	471	89	369	878	83	305	150
	2006	144	4,750	1,226	28	306	54	253	576	52	259	125
	2007	124	3,662	998	20	201	43	140	445	43	197	80
	2008	132	3,206	840	12	174	57	140	330	44	179	82
	# Change 04-08	-103	-4,628	-1,252	-21	-335	-32	-370	-817	-77	-181	-36
	% Change 04-08	-43.8%	-59.1%	-59.8%	-63.6%	-65.8%	-36.0%	-72.5%	-71.2%	-63.6%	-50.3%	-30.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 244: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.2%	7.8%	5.8%	4.0%	10.0%	9.9%	19.0%	15.5%	8.2%	12.4%	7.0%
	2005	7.8%	5.9%	4.5%	5.8%	6.5%	9.1%	12.8%	10.4%	7.1%	8.9%	5.9%
	2006	5.3%	4.2%	3.1%	4.1%	4.2%	4.5%	8.9%	6.8%	4.4%	8.0%	5.1%
	2007	3.9%	3.0%	2.4%	2.8%	3.3%	2.9%	4.7%	4.7%	2.6%	6.5%	3.0%
	2008	4.3%	2.5%	1.9%	1.4%	3.1%	4.1%	4.2%	3.4%	2.8%	4.7%	3.0%
Private Institutions	2004	6.7%	10.0%	11.8%	4.4%	13.4%	7.9%	15.7%	10.8%	9.1%	9.4%	9.2%
	2005	5.6%	8.5%	10.3%	2.4%	14.6%	7.2%	10.7%	8.5%	4.5%	8.0%	11.1%
	2006	3.5%	5.8%	6.3%	2.3%	9.3%	4.9%	7.4%	5.3%	2.1%	6.2%	5.1%
	2007	3.1%	4.7%	5.6%	1.5%	5.1%	4.2%	3.2%	4.4%	3.3%	4.4%	3.7%
	2008	3.2%	4.1%	5.1%	1.2%	4.1%	3.4%	5.6%	3.0%	2.6%	4.4%	4.0%
All Institutions	2004	6.8%	8.5%	6.8%	4.2%	11.5%	9.2%	18.3%	12.9%	8.5%	10.3%	7.2%
	2005	6.0%	6.7%	5.5%	3.9%	10.4%	8.4%	12.4%	9.4%	6.4%	8.3%	6.3%
	2006	3.8%	4.6%	3.6%	3.1%	6.6%	4.6%	8.6%	6.0%	3.7%	6.8%	5.1%
	2007	3.3%	3.5%	2.9%	2.1%	4.2%	3.3%	4.5%	4.5%	2.8%	5.2%	3.1%
	2008	3.4%	3.0%	2.4%	1.3%	3.6%	3.8%	4.5%	3.2%	2.7%	4.5%	3.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 245: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Asian Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20	1,200	246	8	72	6	85	117	70	28	14
	2005	32	1,176	281	4	66	3	81	97	55	27	47
	2006	15	989	269	3	47	6	69	61	32	23	47
	2007	22	962	197	5	41	7	52	65	36	7	112
	2008	8	898	214	3	80	4	51	56	22	12	54
	# Change 04-08	-12	-302	-32	-5	8	-2	-34	-61	-48	-16	40
	% Change 04-08	-60.0%	-25.2%	-13.0%	-62.5%	11.1%	-33.3%	-40.0%	-52.1%	-68.6%	-57.1%	285.7%
Private Institutions	2004	100	1,242	223	33	121	39	27	255	8	69	1
	2005	141	1,183	175	15	124	40	50	177	8	60	4
	2006	103	943	149	18	120	23	19	189	4	50	2
	2007	86	862	114	20	114	34	16	166	3	57	2
	2008	64	801	114	10	88	40	12	131	3	69	18
	# Change 04-08	-36	-441	-109	-23	-33	1	-15	-124	-5	0	17
	% Change 04-08	-36.0%	-35.5%	-48.9%	-69.7%	-27.3%	2.6%	-55.6%	-48.6%	-62.5%	0.0%	1,700.0%
All Institutions	2004	120	2,442	469	41	193	45	112	372	78	97	15
	2005	173	2,359	456	19	190	43	131	274	63	87	51
	2006	118	1,932	418	21	167	29	88	250	36	73	49
	2007	108	1,824	311	25	155	41	68	231	39	64	114
	2008	72	1,699	328	13	168	44	63	187	25	81	72
	# Change 04-08	-48	-743	-141	-28	-25	-1	-49	-185	-53	-16	57
	% Change 04-08	-40.0%	-30.4%	-30.1%	-68.3%	-13.0%	-2.2%	-43.8%	-49.7%	-67.9%	-16.5%	380.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 246: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15.5%	8.9%	7.1%	12.1%	14.4%	4.4%	16.7%	13.7%	24.3%	8.2%	6.0%
	2005	18.8%	8.0%	7.1%	4.5%	12.0%	2.2%	14.7%	11.1%	17.5%	8.1%	9.1%
	2006	8.7%	6.5%	6.3%	3.0%	8.9%	3.2%	13.1%	7.1%	11.9%	6.8%	8.8%
	2007	11.3%	5.9%	4.6%	6.3%	6.8%	3.5%	8.9%	7.0%	12.7%	2.3%	15.0%
	2008	3.8%	5.5%	4.6%	2.6%	14.1%	1.6%	8.7%	5.6%	9.2%	4.1%	9.8%
Private Institutions	2004	8.0%	7.9%	5.8%	11.1%	8.2%	24.1%	8.0%	9.0%	4.0%	8.0%	1.2%
	2005	10.7%	7.1%	4.4%	5.1%	7.7%	20.4%	13.6%	6.3%	3.9%	6.0%	4.0%
	2006	7.5%	5.5%	3.8%	6.6%	7.6%	12.0%	5.1%	5.8%	1.4%	5.3%	2.0%
	2007	6.0%	4.8%	2.8%	6.8%	6.6%	15.3%	4.9%	5.2%	0.9%	5.6%	2.0%
	2008	4.3%	4.2%	2.8%	3.4%	4.7%	13.8%	3.0%	4.2%	0.8%	6.3%	5.4%
All Institutions	2004	8.7%	8.3%	6.4%	11.3%	9.7%	15.1%	13.3%	10.1%	16.0%	8.0%	4.7%
	2005	11.7%	7.5%	5.8%	5.0%	8.8%	12.8%	14.3%	7.5%	12.1%	6.5%	8.3%
	2006	7.6%	5.9%	5.1%	5.6%	8.0%	7.6%	9.8%	6.1%	6.5%	5.7%	7.7%
	2007	6.6%	5.3%	3.7%	6.7%	6.7%	9.7%	7.4%	5.6%	6.3%	4.9%	13.5%
	2008	4.3%	4.8%	3.8%	3.2%	6.9%	8.2%	6.4%	4.6%	4.1%	5.8%	8.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 247: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Asian Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	40	14	0	2	2	1	3	0	1	0
	2005	1	48	16	0	1	0	0	3	3	0	2
	2006	0	65	21	0	6	3	3	1	7	1	1
	2007	1	79	20	0	20	0	1	0	1	1	6
	2008	0	61	18	0	3	2	3	3	1	2	0
	# Change 04-08	-1	21	4	0	1	0	2	0	1	1	0
	% Change 04-08	-100.0%	52.5%	28.6%	N/A	50.0%	0.0%	200.0%	0.0%	N/A	100.0%	N/A
Private Institutions	2004	3	22	5	0	1	0	0	7	3	1	0
	2005	3	41	7	0	1	0	0	6	10	7	0
	2006	5	27	5	1	3	2	0	3	2	1	0
	2007	6	32	3	1	1	0	0	2	3	5	0
	2008	6	26	6	0	0	0	0	1	7	2	0
	# Change 04-08	3	4	1	0	-1	0	0	-6	4	1	0
	% Change 04-08	100.0%	18.2%	20.0%	N/A	-100.0%	N/A	N/A	-85.7%	133.3%	100.0%	N/A
All Institutions	2004	4	62	19	0	3	2	1	10	3	2	0
	2005	4	89	23	0	2	0	0	9	13	7	2
	2006	5	92	26	1	9	5	3	4	9	2	1
	2007	7	111	23	1	21	0	1	2	4	6	6
	2008	6	87	24	0	3	2	3	4	8	4	0
	# Change 04-08	2	25	5	0	0	0	2	-6	5	2	0
	% Change 04-08	50.0%	40.3%	26.3%	N/A	0.0%	0.0%	200.0%	-60.0%	166.7%	100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 248: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	0.8%	1.5%	0.0%	0.8%	2.6%	0.3%	1.0%	0.0%	0.3%	0.0%
	2005	4.2%	0.9%	1.7%	0.0%	0.4%	0.0%	0.0%	1.0%	3.4%	0.0%	1.0%
	2006	0.0%	1.1%	2.2%	0.0%	2.0%	3.2%	1.0%	0.3%	6.7%	0.3%	0.6%
	2007	2.9%	1.3%	2.0%	0.0%	4.0%	0.0%	0.3%	0.0%	1.0%	0.3%	3.5%
	2008	0.0%	1.0%	1.7%	0.0%	0.9%	2.1%	0.8%	0.8%	1.1%	0.6%	0.0%
Private Institutions	2004	0.4%	0.3%	0.3%	0.0%	0.2%	0.0%	0.0%	0.6%	2.5%	0.2%	0.0%
	2005	0.4%	0.6%	0.4%	0.0%	0.2%	0.0%	0.0%	0.4%	7.1%	1.4%	0.0%
	2006	0.7%	0.4%	0.3%	1.3%	0.5%	3.3%	0.0%	0.2%	1.6%	0.2%	0.0%
	2007	0.7%	0.4%	0.2%	1.3%	0.2%	0.0%	0.0%	0.1%	1.9%	0.9%	0.0%
	2008	0.7%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	5.2%	0.4%	0.0%
All Institutions	2004	0.5%	0.5%	0.7%	0.0%	0.4%	1.5%	0.3%	0.7%	1.4%	0.3%	0.0%
	2005	0.5%	0.7%	0.8%	0.0%	0.2%	0.0%	0.0%	0.5%	5.7%	0.9%	0.8%
	2006	0.6%	0.7%	1.0%	0.8%	1.0%	3.2%	0.8%	0.2%	3.9%	0.2%	0.4%
	2007	0.7%	0.8%	0.8%	0.8%	1.9%	0.0%	0.2%	0.1%	1.6%	0.7%	2.3%
	2008	0.7%	0.6%	0.8%	0.0%	0.3%	1.1%	0.7%	0.2%	3.5%	0.5%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 249: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Black Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	78	5,695	199	11	176	53	49	318	597	77	12
	2005	51	5,089	177	5	215	35	35	320	544	59	6
	2006	32	4,173	163	8	132	36	41	207	432	45	6
	2007	28	3,535	136	4	110	33	27	161	297	49	7
	2008	30	3,714	289	5	94	15	32	171	285	50	85
	# Change 04-08	-48	-1,981	90	-6	-82	-38	-17	-147	-312	-27	73
	% Change 04-08	-61.5%	-34.8%	45.2%	-54.5%	-46.6%	-71.7%	-34.7%	-46.2%	-52.3%	-35.1%	608.3%
Private Institutions	2004	73	6,001	321	71	304	31	332	547	35	431	694
	2005	41	5,146	267	56	378	30	262	351	24	349	605
	2006	35	4,771	236	36	386	7	223	337	28	292	628
	2007	35	4,148	157	18	412	5	131	322	32	299	533
	2008	126	4,419	149	21	352	6	189	342	67	223	583
	# Change 04-08	53	-1,582	-172	-50	48	-25	-143	-205	32	-208	-111
	% Change 04-08	72.6%	-26.4%	-53.6%	-70.4%	15.8%	-80.6%	-43.1%	-37.5%	91.4%	-48.3%	-16.0%
All Institutions	2004	151	11,696	520	82	480	84	381	865	632	508	706
	2005	92	10,235	444	61	593	65	297	671	568	408	611
	2006	67	8,944	399	44	518	43	264	544	460	337	634
	2007	63	7,683	293	22	522	38	158	483	329	348	540
	2008	156	8,133	438	26	446	21	221	513	352	273	668
	# Change 04-08	5	-3,563	-82	-56	-34	-63	-160	-352	-280	-235	-38
	% Change 04-08	3.3%	-30.5%	-15.8%	-68.3%	-7.1%	-75.0%	-42.0%	-40.7%	-44.3%	-46.3%	-5.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 250: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.4%	5.2%	2.4%	2.1%	2.5%	5.2%	2.8%	5.7%	8.2%	4.3%	0.4%
	2005	4.8%	4.4%	2.0%	0.9%	2.9%	3.7%	2.0%	5.3%	7.1%	3.3%	0.2%
	2006	3.0%	3.5%	1.8%	1.3%	1.9%	3.2%	2.1%	3.4%	5.7%	2.5%	0.2%
	2007	2.4%	2.9%	1.5%	0.7%	1.4%	2.4%	1.4%	2.5%	3.9%	2.3%	0.2%
	2008	2.8%	2.9%	2.9%	0.9%	1.3%	1.3%	1.5%	2.7%	3.6%	2.3%	2.7%
Private Institutions	2004	7.9%	7.3%	5.1%	6.1%	7.4%	8.7%	9.6%	6.5%	3.3%	9.1%	17.4%
	2005	3.6%	5.9%	4.3%	4.4%	7.0%	7.5%	6.8%	4.1%	2.3%	6.5%	14.3%
	2006	3.5%	5.2%	3.7%	2.6%	6.9%	1.5%	6.6%	4.3%	2.3%	4.8%	14.5%
	2007	3.8%	4.3%	2.6%	1.3%	7.2%	1.1%	4.2%	3.8%	2.5%	4.8%	12.5%
	2008	12.1%	4.3%	2.2%	1.6%	6.2%	1.1%	6.1%	4.5%	4.8%	3.8%	12.7%
All Institutions	2004	7.7%	6.1%	3.5%	4.9%	4.3%	6.1%	7.4%	6.2%	7.6%	7.8%	10.0%
	2005	4.2%	5.0%	2.9%	3.4%	4.6%	4.8%	5.3%	4.6%	6.5%	5.7%	8.4%
	2006	3.3%	4.3%	2.6%	2.2%	4.1%	2.7%	5.0%	3.9%	5.2%	4.3%	8.6%
	2007	3.1%	3.5%	2.0%	1.1%	3.9%	2.1%	3.1%	3.2%	3.7%	4.2%	7.4%
	2008	7.4%	3.6%	2.6%	1.4%	3.4%	1.2%	4.3%	3.7%	3.8%	3.4%	8.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 251: Number of Bachelor's Degrees in Computer and Information Sciences - Black Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14	2,948	68	12	84	18	92	265	199	91	159
	2005	17	2,767	52	7	69	16	108	268	206	87	123
	2006	12	2,352	59	6	63	8	60	227	144	71	108
	2007	13	1,989	48	7	40	19	58	187	123	53	96
	2008	12	1,789	41	5	44	6	44	169	106	41	89
	# Change 04-08	-2	-1,159	-27	-7	-40	-12	-48	-96	-93	-50	-70
	% Change 04-08	-14.3%	-39.3%	-39.7%	-58.3%	-47.6%	-66.7%	-52.2%	-36.2%	-46.7%	-54.9%	-44.0%
Private Institutions	2004	36	3,349	182	9	255	22	58	345	189	119	54
	2005	29	3,268	150	12	413	23	66	320	159	109	86
	2006	39	2,949	131	4	308	28	63	254	150	136	82
	2007	31	2,631	128	10	312	24	45	190	103	120	77
	2008	43	2,253	117	1	208	25	33	184	87	88	75
	# Change 04-08	7	-1,096	-65	-8	-47	3	-25	-161	-102	-31	21
	% Change 04-08	19.4%	-32.7%	-35.7%	-88.9%	-18.4%	13.6%	-43.1%	-46.7%	-54.0%	-26.1%	38.9%
All Institutions	2004	50	6,297	250	21	339	40	150	610	388	210	213
	2005	46	6,035	202	19	482	39	174	588	365	196	209
	2006	51	5,301	190	10	371	36	123	481	294	207	190
	2007	44	4,620	176	17	352	43	103	377	226	173	173
	2008	55	4,042	158	6	252	31	77	353	193	129	164
	# Change 04-08	5	-2,255	-92	-15	-87	-9	-73	-257	-195	-81	-49
	% Change 04-08	10.0%	-35.8%	-36.8%	-71.4%	-25.7%	-22.5%	-48.7%	-42.1%	-50.3%	-38.6%	-23.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 252: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.2%	3.7%	1.6%	2.4%	2.6%	4.8%	4.2%	4.7%	3.8%	3.4%	4.3%
	2005	2.6%	3.4%	1.2%	1.3%	2.2%	5.0%	4.7%	4.4%	3.9%	3.2%	3.3%
	2006	1.7%	2.8%	1.3%	1.0%	2.0%	1.9%	2.4%	3.7%	2.7%	2.4%	2.9%
	2007	1.8%	2.3%	1.0%	1.1%	1.2%	3.8%	2.3%	3.0%	2.1%	1.8%	2.5%
	2008	1.6%	2.0%	0.8%	0.8%	1.4%	1.1%	1.7%	2.7%	1.8%	1.4%	2.4%
Private Institutions	2004	1.9%	7.0%	8.2%	1.4%	9.3%	9.4%	7.8%	6.0%	7.6%	5.4%	3.2%
	2005	1.5%	6.4%	6.0%	1.9%	11.7%	8.5%	7.6%	5.4%	6.3%	4.7%	4.6%
	2006	2.0%	5.5%	5.4%	0.6%	8.0%	9.6%	7.1%	4.2%	5.8%	5.1%	4.0%
	2007	1.5%	4.7%	5.0%	1.4%	7.5%	7.5%	5.3%	3.0%	3.8%	4.7%	3.6%
	2008	2.0%	3.8%	4.3%	0.2%	5.3%	6.3%	3.6%	2.9%	3.0%	3.1%	3.3%
All Institutions	2004	2.0%	5.0%	3.8%	1.8%	5.7%	6.6%	5.1%	5.3%	5.0%	4.3%	4.0%
	2005	1.8%	4.6%	3.0%	1.6%	7.2%	6.6%	5.5%	4.9%	4.7%	3.9%	3.7%
	2006	1.9%	3.9%	2.7%	0.8%	5.4%	5.0%	3.6%	4.0%	3.7%	3.7%	3.3%
	2007	1.6%	3.3%	2.4%	1.3%	4.7%	5.2%	3.1%	3.0%	2.7%	3.2%	2.9%
	2008	1.9%	2.8%	2.1%	0.5%	3.5%	3.4%	2.2%	2.8%	2.2%	2.3%	2.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 253: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Black Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	383	6	0	9	1	12	30	57	2	40
	2005	2	341	12	0	6	0	8	30	56	2	10
	2006	0	367	22	3	13	0	10	21	39	6	13
	2007	0	392	10	0	5	0	10	26	56	5	18
	2008	2	388	13	0	10	2	11	19	39	4	25
	# Change 04-08	-1	5	7	0	1	1	-1	-11	-18	2	-15
	% Change 04-08	-33.3%	1.3%	116.7%	N/A	11.1%	100.0%	-8.3%	-36.7%	-31.6%	100.0%	-37.5%
Private Institutions	2004	11	636	48	4	37	20	19	85	0	15	15
	2005	17	690	27	9	168	21	11	84	0	13	3
	2006	25	590	24	5	99	22	14	93	0	24	6
	2007	21	609	26	5	109	38	7	84	1	17	16
	2008	16	678	39	7	99	49	6	71	0	25	10
	# Change 04-08	5	42	-9	3	62	29	-13	-14	0	10	-5
	% Change 04-08	45.5%	6.6%	-18.8%	75.0%	167.6%	145.0%	-68.4%	-16.5%	N/A	66.7%	-33.3%
All Institutions	2004	14	1,019	54	4	46	21	31	115	57	17	55
	2005	19	1,031	39	9	174	21	19	114	56	15	13
	2006	25	957	46	8	112	22	24	114	39	30	19
	2007	21	1,001	36	5	114	38	17	110	57	22	34
	2008	18	1,066	52	7	109	51	17	90	39	29	35
	# Change 04-08	4	47	-2	3	63	30	-14	-25	-18	12	-20
	% Change 04-08	28.6%	4.6%	-3.7%	75.0%	137.0%	142.9%	-45.2%	-21.7%	-31.6%	70.6%	-36.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 254: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.8%	1.6%	0.6%	0.0%	1.0%	1.1%	2.0%	1.7%	5.9%	0.2%	3.9%
	2005	1.6%	1.3%	1.0%	0.0%	0.6%	0.0%	1.4%	1.8%	5.0%	0.3%	1.0%
	2006	0.0%	1.4%	1.8%	1.4%	1.3%	0.0%	1.4%	1.1%	3.3%	0.9%	1.2%
	2007	0.0%	1.5%	0.8%	0.0%	0.4%	0.0%	1.4%	1.5%	4.4%	0.7%	1.6%
	2008	1.1%	1.4%	1.1%	0.0%	0.9%	1.2%	1.6%	1.1%	2.7%	0.6%	2.3%
Private Institutions	2004	0.8%	2.6%	2.3%	1.5%	2.0%	5.7%	5.9%	2.5%	0.0%	1.5%	3.2%
	2005	1.2%	2.5%	1.3%	2.7%	5.9%	4.3%	3.5%	2.6%	0.0%	1.1%	0.6%
	2006	1.5%	1.9%	1.2%	1.5%	3.3%	3.3%	4.0%	2.6%	0.0%	2.0%	1.2%
	2007	1.3%	1.8%	1.3%	1.5%	3.6%	4.3%	2.0%	2.2%	0.2%	1.2%	2.5%
	2008	1.0%	1.9%	1.9%	2.3%	3.3%	4.3%	1.5%	1.9%	0.0%	1.7%	1.3%
All Institutions	2004	0.9%	2.1%	1.7%	0.9%	1.7%	4.8%	3.4%	2.2%	4.4%	0.9%	3.7%
	2005	1.2%	2.0%	1.2%	1.8%	4.5%	3.6%	2.1%	2.3%	3.8%	0.8%	0.8%
	2006	1.4%	1.7%	1.4%	1.4%	2.8%	2.8%	2.3%	2.1%	2.4%	1.6%	1.2%
	2007	1.2%	1.7%	1.1%	1.0%	2.7%	3.8%	1.6%	2.0%	3.2%	1.1%	1.9%
	2008	1.0%	1.7%	1.6%	1.2%	2.7%	3.9%	1.6%	1.7%	2.0%	1.4%	1.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 255: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Black Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	9	1	0	0	0	0	1	0	0	0
	2005	0	11	0	0	0	0	0	0	2	0	2
	2006	0	10	0	0	0	0	0	1	1	1	2
	2007	0	14	1	0	0	1	0	0	2	1	0
	2008	0	14	0	0	0	0	1	1	0	1	1
	# Change 04-08	0	5	-1	0	0	0	1	0	0	1	1
	% Change 04-08	N/A	55.6%	-100.0%	N/A	N/A	N/A	N/A	0.0%	N/A	N/A	N/A
Private Institutions	2004	1	9	2	0	0	0	0	0	0	0	0
	2005	0	8	0	0	1	0	0	1	0	0	0
	2006	0	11	1	0	1	1	0	2	0	0	0
	2007	1	16	1	0	1	1	0	6	0	0	0
	2008	2	11	0	0	2	0	0	0	0	2	0
	# Change 04-08	1	2	-2	0	2	0	0	0	0	2	0
	% Change 04-08	100.0%	22.2%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	18	3	0	0	0	0	1	0	0	0
	2005	0	19	0	0	1	0	0	1	2	0	2
	2006	0	21	1	0	1	1	0	3	1	1	2
	2007	1	30	2	0	1	2	0	6	2	1	0
	2008	2	25	0	0	2	0	1	1	0	3	1
	# Change 04-08	1	7	-3	0	2	0	1	0	0	3	1
	% Change 04-08	100.0%	38.9%	-100.0%	N/A	N/A	N/A	N/A	0.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 256: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.3%	0.8%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%
	2005	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.0%	0.0%	1.3%
	2006	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.5%	0.5%	1.4%
	2007	0.0%	0.4%	0.7%	0.0%	0.0%	2.9%	0.0%	0.0%	1.0%	0.5%	0.0%
	2008	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.6%	0.8%	0.0%	0.6%	0.6%
Private Institutions	2004	0.4%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.0%	0.0%	0.4%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2006	0.0%	0.2%	0.3%	0.0%	0.4%	0.8%	0.0%	0.4%	0.0%	0.0%	0.0%
	2007	0.3%	0.3%	0.2%	0.0%	0.3%	0.5%	0.0%	1.0%	0.0%	0.0%	0.0%
	2008	0.7%	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%
All Institutions	2004	0.4%	0.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.0%	0.0%	0.3%	0.0%	0.0%	0.2%	0.6%	0.0%	0.5%
	2006	0.0%	0.2%	0.2%	0.0%	0.3%	0.6%	0.0%	0.4%	0.3%	0.2%	0.5%
	2007	0.3%	0.3%	0.4%	0.0%	0.2%	0.8%	0.0%	0.8%	0.5%	0.2%	0.0%
	2008	0.6%	0.3%	0.0%	0.0%	0.5%	0.0%	0.4%	0.1%	0.0%	0.7%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 257: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Hispanic Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	65	3,215	635	7	106	7	57	240	47	23	5
	2005	52	2,925	662	8	134	14	39	229	47	9	3
	2006	32	2,502	615	7	83	10	36	176	26	21	4
	2007	22	2,498	612	6	81	9	26	148	26	13	2
	2008	28	2,531	579	4	92	5	37	118	34	14	36
	# Change 04-08	-37	-684	-56	-3	-14	-2	-20	-122	-13	-9	31
	% Change 04-08	-56.9%	-21.3%	-8.8%	-42.9%	-13.2%	-28.6%	-35.1%	-50.8%	-27.7%	-39.1%	620.0%
Private Institutions	2004	73	6,183	1,031	47	203	8	331	399	3	102	65
	2005	59	5,294	946	36	245	6	223	331	2	89	66
	2006	44	4,723	798	49	229	6	297	259	2	54	77
	2007	37	4,096	602	38	190	5	197	280	5	59	54
	2008	81	3,770	581	16	177	1	250	258	5	75	75
	# Change 04-08	8	-2,413	-450	-31	-26	-7	-81	-141	2	-27	10
	% Change 04-08	11.0%	-39.0%	-43.6%	-66.0%	-12.8%	-87.5%	-24.5%	-35.3%	66.7%	-26.5%	15.4%
All Institutions	2004	138	9,398	1,666	54	309	15	388	639	50	125	70
	2005	111	8,219	1,608	44	379	20	262	560	49	98	69
	2006	76	7,225	1,413	56	312	16	333	435	28	75	81
	2007	59	6,594	1,214	44	271	14	223	428	31	72	56
	2008	109	6,301	1,160	20	269	6	287	376	39	89	111
	# Change 04-08	-29	-3,097	-506	-34	-40	-9	-101	-263	-11	-36	41
	% Change 04-08	-21.0%	-33.0%	-30.4%	-63.0%	-12.9%	-60.0%	-26.0%	-41.2%	-22.0%	-28.8%	58.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 258: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9.4%	3.6%	2.2%	1.7%	2.7%	2.3%	4.2%	6.1%	7.4%	5.5%	1.0%
	2005	7.5%	3.1%	2.1%	2.0%	3.2%	4.7%	2.7%	5.4%	7.0%	2.1%	0.6%
	2006	4.5%	2.5%	1.9%	1.5%	1.9%	2.6%	2.2%	4.2%	3.5%	4.6%	0.8%
	2007	3.1%	2.4%	1.7%	1.3%	1.8%	2.4%	1.5%	3.3%	3.3%	2.3%	0.3%
	2008	3.4%	2.3%	1.7%	0.8%	2.0%	1.4%	2.0%	2.6%	3.8%	2.2%	5.0%
Private Institutions	2004	8.6%	6.1%	4.3%	5.3%	6.0%	7.1%	12.6%	6.2%	2.4%	9.2%	18.9%
	2005	5.4%	5.1%	3.7%	3.4%	6.1%	6.7%	7.8%	5.0%	1.3%	7.1%	17.2%
	2006	3.9%	4.4%	3.1%	4.9%	5.9%	5.2%	10.4%	4.3%	1.6%	3.8%	19.8%
	2007	3.4%	3.7%	2.3%	3.6%	5.1%	3.9%	6.6%	4.3%	3.3%	4.3%	14.0%
	2008	7.1%	3.1%	2.0%	1.4%	4.8%	0.7%	7.7%	4.2%	3.1%	4.7%	15.5%
All Institutions	2004	9.0%	5.0%	3.1%	4.2%	4.3%	3.6%	9.7%	6.1%	6.6%	8.2%	8.4%
	2005	6.2%	4.1%	2.8%	3.0%	4.6%	5.1%	6.1%	5.2%	5.9%	5.8%	7.6%
	2006	4.2%	3.5%	2.4%	3.9%	3.8%	3.2%	7.4%	4.3%	3.2%	4.0%	8.8%
	2007	3.3%	3.0%	2.0%	2.9%	3.3%	2.8%	4.7%	3.9%	3.3%	3.7%	5.7%
	2008	5.5%	2.7%	1.8%	1.2%	3.3%	1.2%	5.6%	3.6%	3.7%	4.0%	9.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 259: Number of Bachelor's Degrees in Computer and Information Sciences - Hispanic Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10	1,552	215	5	48	6	90	248	17	24	37
	2005	10	1,457	193	1	41	5	92	209	10	21	22
	2006	7	1,368	181	2	30	2	83	183	9	31	13
	2007	14	1,208	167	9	22	8	76	131	22	30	21
	2008	9	1,138	172	5	27	6	55	110	14	28	24
	# Change 04-08	-1	-414	-43	0	-21	0	-35	-138	-3	4	-13
	% Change 04-08	-10.0%	-26.7%	-20.0%	0.0%	-43.8%	0.0%	-38.9%	-55.6%	-17.6%	16.7%	-35.1%
Private Institutions	2004	38	2,249	452	11	250	8	52	278	10	28	3
	2005	33	2,133	364	11	276	13	49	273	8	28	12
	2006	33	2,016	337	4	205	11	37	230	12	38	13
	2007	22	1,801	284	4	213	4	25	165	8	26	5
	2008	38	1,822	362	4	171	14	20	147	11	33	15
	# Change 04-08	0	-427	-90	-7	-79	6	-32	-131	1	5	12
	% Change 04-08	0.0%	-19.0%	-19.9%	-63.6%	-31.6%	75.0%	-61.5%	-47.1%	10.0%	17.9%	400.0%
All Institutions	2004	48	3,801	667	16	298	14	142	526	27	52	40
	2005	43	3,590	557	12	317	18	141	482	18	49	34
	2006	40	3,384	518	6	235	13	120	413	21	69	26
	2007	36	3,009	451	13	235	12	101	296	30	56	26
	2008	47	2,960	534	9	198	20	75	257	25	61	39
	# Change 04-08	-1	-841	-133	-7	-100	6	-67	-269	-2	9	-1
	% Change 04-08	-2.1%	-22.1%	-19.9%	-43.8%	-33.6%	42.9%	-47.2%	-51.1%	-7.4%	17.3%	-2.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 260: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	2.2%	1.2%	1.2%	2.7%	2.9%	4.2%	6.2%	4.0%	3.6%	5.1%
	2005	2.2%	1.9%	1.0%	0.2%	2.2%	2.3%	4.1%	4.6%	2.0%	2.8%	2.6%
	2006	1.4%	1.7%	0.9%	0.4%	1.6%	0.9%	3.4%	4.0%	1.5%	3.8%	1.4%
	2007	2.8%	1.4%	0.8%	1.8%	1.1%	3.4%	3.1%	2.7%	3.4%	3.6%	2.1%
	2008	1.6%	1.3%	0.8%	0.9%	1.2%	1.9%	2.1%	2.2%	2.0%	3.0%	2.1%
Private Institutions	2004	2.2%	5.7%	8.3%	2.6%	11.8%	4.3%	7.5%	5.4%	3.4%	2.8%	1.6%
	2005	1.9%	5.2%	6.2%	2.2%	11.2%	7.2%	6.2%	5.1%	2.3%	2.7%	6.3%
	2006	1.8%	4.6%	5.3%	0.8%	7.6%	6.1%	4.8%	4.5%	3.2%	3.3%	5.8%
	2007	1.2%	3.9%	4.3%	0.7%	7.0%	2.0%	3.1%	3.0%	2.1%	2.1%	1.8%
	2008	1.8%	3.8%	5.0%	0.7%	5.6%	6.2%	2.0%	2.7%	2.9%	2.4%	4.7%
All Institutions	2004	2.2%	3.4%	2.8%	1.9%	7.7%	3.6%	5.0%	5.7%	3.7%	3.1%	4.4%
	2005	2.0%	3.1%	2.2%	1.3%	7.3%	4.5%	4.7%	4.9%	2.1%	2.7%	3.3%
	2006	1.7%	2.7%	1.9%	0.6%	5.1%	3.2%	3.8%	4.2%	2.2%	3.5%	2.2%
	2007	1.5%	2.3%	1.6%	1.2%	4.7%	2.7%	3.1%	2.9%	2.9%	2.7%	2.0%
	2008	1.8%	2.2%	1.8%	0.8%	3.7%	3.7%	2.1%	2.5%	2.3%	2.7%	2.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 261: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Hispanic Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	276	20	2	4	0	6	21	7	1	101
	2005	1	192	27	0	4	0	8	17	3	1	7
	2006	3	213	30	1	6	0	9	15	2	1	5
	2007	3	179	19	1	2	0	8	19	3	1	3
	2008	1	198	25	0	7	0	7	14	4	1	7
	# Change 04-08	-5	-78	5	-2	3	0	1	-7	-3	0	-94
	% Change 04-08	-83.3%	-28.3%	25.0%	-100.0%	75.0%	N/A	16.7%	-33.3%	-42.9%	0.0%	-93.1%
Private Institutions	2004	12	383	44	3	26	3	13	57	0	5	1
	2005	22	362	43	5	48	9	2	49	0	6	2
	2006	15	343	33	2	36	7	9	45	0	8	1
	2007	16	351	30	4	47	12	6	47	0	8	1
	2008	16	339	29	2	33	15	2	49	0	11	0
	# Change 04-08	4	-44	-15	-1	7	12	-11	-8	0	6	-1
	% Change 04-08	33.3%	-11.5%	-34.1%	-33.3%	26.9%	400.0%	-84.6%	-14.0%	N/A	120.0%	-100.0%
All Institutions	2004	18	659	64	5	30	3	19	78	7	6	102
	2005	23	554	70	5	52	9	10	66	3	7	9
	2006	18	556	63	3	42	7	18	60	2	9	6
	2007	19	530	49	5	49	12	14	66	3	9	4
	2008	17	537	54	2	40	15	9	63	4	12	7
	# Change 04-08	-1	-122	-10	-3	10	12	-10	-15	-3	6	-95
	% Change 04-08	-5.6%	-18.5%	-15.6%	-60.0%	33.3%	400.0%	-52.6%	-19.2%	-42.9%	100.0%	-93.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 262: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.4%	1.9%	0.7%	1.8%	1.0%	0.0%	1.6%	2.2%	5.9%	0.7%	24.5%
	2005	0.6%	1.2%	0.9%	0.0%	0.8%	0.0%	1.9%	1.7%	2.7%	0.7%	3.5%
	2006	1.4%	1.3%	0.9%	0.8%	1.3%	0.0%	2.0%	1.3%	1.7%	0.7%	2.0%
	2007	1.9%	1.0%	0.6%	0.7%	0.4%	0.0%	1.9%	1.7%	2.2%	0.6%	1.0%
	2008	0.5%	1.1%	0.7%	0.0%	1.4%	0.0%	1.4%	1.2%	2.8%	0.5%	2.6%
Private Institutions	2004	1.7%	2.2%	1.2%	1.7%	3.3%	2.8%	5.2%	1.6%	0.0%	1.7%	1.5%
	2005	3.0%	1.9%	1.2%	2.7%	4.4%	4.3%	0.8%	1.5%	0.0%	1.7%	2.5%
	2006	2.0%	1.7%	0.8%	1.2%	3.1%	2.4%	3.3%	1.9%	0.0%	2.3%	1.2%
	2007	2.0%	1.6%	0.8%	2.0%	3.7%	3.2%	2.2%	1.8%	0.0%	2.0%	1.0%
	2008	2.1%	1.6%	0.7%	1.0%	2.6%	3.9%	0.6%	1.8%	0.0%	2.4%	0.0%
All Institutions	2004	2.1%	2.0%	1.0%	1.8%	2.5%	1.9%	3.0%	1.7%	3.6%	1.4%	21.3%
	2005	2.5%	1.6%	1.1%	1.6%	3.3%	3.3%	1.5%	1.5%	1.6%	1.4%	3.2%
	2006	1.8%	1.5%	0.9%	1.0%	2.6%	2.0%	2.5%	1.7%	0.9%	1.8%	1.8%
	2007	2.0%	1.4%	0.7%	1.5%	2.8%	2.7%	2.0%	1.8%	1.2%	1.6%	1.0%
	2008	1.8%	1.3%	0.7%	0.6%	2.3%	3.3%	1.1%	1.6%	1.6%	1.9%	1.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 263: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Hispanic Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	8	3	0	1	0	0	0	0	0	0
	2005	1	8	2	0	0	0	1	0	0	0	0
	2006	0	4	1	0	0	0	0	0	0	0	0
	2007	0	13	3	0	0	0	1	0	0	0	0
	2008	1	11	2	0	1	0	0	0	1	0	0
	# Change 04-08	1	3	-1	0	0	0	0	0	1	0	0
	% Change 04-08	N/A	37.5%	-33.3%	N/A	0.0%	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	10	2	0	0	0	0	2	1	0	0
	2005	0	9	1	0	1	0	0	3	0	0	0
	2006	0	2	0	0	0	0	0	1	0	0	0
	2007	1	4	1	0	0	0	0	2	0	0	0
	2008	1	5	1	0	0	0	0	0	0	1	0
	# Change 04-08	1	-5	-1	0	0	0	0	-2	-1	1	0
	% Change 04-08	N/A	-50.0%	-50.0%	N/A	N/A	N/A	N/A	-100.0%	-100.0%	N/A	N/A
All Institutions	2004	0	18	5	0	1	0	0	2	1	0	0
	2005	1	17	3	0	1	0	1	3	0	0	0
	2006	0	6	1	0	0	0	0	1	0	0	0
	2007	1	17	4	0	0	0	1	2	0	0	0
	2008	2	16	3	0	1	0	0	0	1	1	0
	# Change 04-08	2	-2	-2	0	0	0	0	-2	0	1	0
	% Change 04-08	N/A	-11.1%	-40.0%	N/A	0.0%	N/A	N/A	-100.0%	0.0%	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 264: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.3%	1.0%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	7.7%	0.3%	0.6%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.4%	0.9%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%
	2008	5.9%	0.3%	0.6%	0.0%	0.9%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.4%	2.9%	0.0%	0.0%
	2005	0.0%	0.2%	0.1%	0.0%	0.6%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2007	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
	2008	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%
All Institutions	2004	0.0%	0.3%	0.5%	0.0%	0.4%	0.0%	0.0%	0.3%	1.6%	0.0%	0.0%
	2005	0.4%	0.2%	0.3%	0.0%	0.4%	0.0%	0.7%	0.5%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2007	0.4%	0.2%	0.4%	0.0%	0.0%	0.0%	0.7%	0.4%	0.0%	0.0%	0.0%
	2008	0.8%	0.2%	0.3%	0.0%	0.3%	0.0%	0.0%	0.0%	1.2%	0.5%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 265: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - White Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	421	28,216	1,685	59	1,465	712	225	957	1,607	892	64
	2005	340	22,947	1,209	52	1,257	591	190	787	1,364	726	41
	2006	330	19,690	1,053	44	913	509	156	711	1,202	620	25
	2007	256	17,375	1,039	38	858	510	139	615	939	484	43
	2008	282	17,687	1,184	55	786	414	133	609	879	481	303
	# Change 04-08	-139	-10,529	-501	-4	-679	-298	-92	-348	-728	-411	239
	% Change 04-08	-33.0%	-37.3%	-29.7%	-6.8%	-46.3%	-41.9%	-40.9%	-36.4%	-45.3%	-46.1%	373.4%
Private Institutions	2004	167	15,106	1,456	133	433	224	722	922	59	1,657	875
	2005	138	13,282	1,212	118	587	231	561	636	48	1,533	760
	2006	155	11,449	1,040	107	515	124	692	536	63	1,243	804
	2007	147	10,437	809	59	413	110	466	547	63	1,097	742
	2008	191	11,005	871	38	418	125	538	552	107	1,013	733
	# Change 04-08	24	-4,101	-585	-95	-15	-99	-184	-370	48	-644	-142
	% Change 04-08	14.4%	-27.1%	-40.2%	-71.4%	-3.5%	-44.2%	-25.5%	-40.1%	81.4%	-38.9%	-16.2%
All Institutions	2004	588	43,322	3,141	192	1,898	936	947	1,879	1,666	2,549	939
	2005	478	36,229	2,421	170	1,844	822	751	1,423	1,412	2,259	801
	2006	485	31,139	2,093	151	1,428	633	848	1,247	1,265	1,863	829
	2007	403	27,812	1,848	97	1,271	620	605	1,162	1,002	1,581	785
	2008	473	28,692	2,055	93	1,204	539	671	1,161	986	1,494	1,036
	# Change 04-08	-115	-14,630	-1,086	-99	-694	-397	-276	-718	-680	-1,055	97
	% Change 04-08	-19.6%	-33.8%	-34.6%	-51.6%	-36.6%	-42.4%	-29.1%	-38.2%	-40.8%	-41.4%	10.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 266: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.3%	4.8%	3.3%	2.0%	4.4%	4.0%	2.5%	3.3%	7.6%	5.9%	0.6%
	2005	4.1%	3.7%	2.3%	1.7%	3.4%	3.2%	2.1%	2.7%	6.2%	4.6%	0.4%
	2006	3.8%	3.2%	2.1%	1.5%	2.6%	2.6%	1.7%	2.4%	5.5%	3.9%	0.2%
	2007	3.1%	2.7%	2.0%	1.2%	2.4%	2.6%	1.4%	2.2%	4.2%	3.1%	0.4%
	2008	3.3%	2.7%	2.3%	1.7%	2.2%	2.1%	1.3%	2.1%	3.9%	2.9%	2.5%
Private Institutions	2004	3.6%	7.1%	7.0%	3.5%	5.7%	5.4%	12.8%	6.1%	2.7%	8.7%	21.3%
	2005	2.5%	5.8%	5.4%	2.8%	5.4%	5.0%	10.1%	4.4%	1.8%	7.5%	17.9%
	2006	3.0%	5.0%	4.8%	2.6%	4.7%	2.7%	12.4%	4.0%	2.0%	5.9%	18.6%
	2007	2.9%	4.5%	3.7%	1.4%	3.9%	2.4%	8.9%	3.7%	2.0%	5.4%	15.6%
	2008	3.8%	4.6%	3.7%	0.8%	3.9%	2.5%	11.1%	3.9%	3.6%	5.1%	15.0%
All Institutions	2004	4.6%	5.4%	4.4%	2.9%	4.6%	4.3%	6.5%	4.3%	7.1%	7.4%	6.2%
	2005	3.5%	4.3%	3.3%	2.3%	3.9%	3.6%	5.2%	3.3%	5.7%	6.3%	5.2%
	2006	3.5%	3.7%	2.9%	2.1%	3.1%	2.6%	5.7%	2.9%	5.0%	5.1%	5.3%
	2007	3.0%	3.2%	2.5%	1.3%	2.7%	2.5%	4.0%	2.7%	3.9%	4.4%	4.8%
	2008	3.5%	3.2%	2.7%	1.2%	2.6%	2.2%	4.4%	2.7%	3.9%	4.1%	6.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 267: Number of Bachelor's Degrees in Computer and Information Sciences - White Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	248	16,509	866	68	640	368	480	994	471	1,240	698
	2005	279	15,809	783	92	683	340	430	833	488	1,405	603
	2006	230	13,754	738	85	543	309	356	710	388	1,227	488
	2007	194	12,570	669	66	495	261	296	604	351	1,184	460
	2008	187	11,690	653	58	439	281	272	503	373	1,087	426
	# Change 04-08	-61	-4,819	-213	-10	-201	-87	-208	-491	-98	-153	-272
	% Change 04-08	-24.6%	-29.2%	-24.6%	-14.7%	-31.4%	-23.6%	-43.3%	-49.4%	-20.8%	-12.3%	-39.0%
Private Institutions	2004	626	15,664	1,150	148	1,184	304	288	1,635	316	1,216	126
	2005	553	14,765	911	125	1,785	327	235	1,448	219	1,093	126
	2006	500	13,765	770	113	1,519	280	141	1,042	190	1,023	134
	2007	449	13,010	723	97	1,197	291	113	1,099	181	842	134
	2008	433	12,015	750	99	915	306	111	1,015	132	841	173
	# Change 04-08	-193	-3,649	-400	-49	-269	2	-177	-620	-184	-375	47
	% Change 04-08	-30.8%	-23.3%	-34.8%	-33.1%	-22.7%	0.7%	-61.5%	-37.9%	-58.2%	-30.8%	37.3%
All Institutions	2004	874	32,173	2,016	216	1,824	672	768	2,629	787	2,456	824
	2005	832	30,574	1,694	217	2,468	667	665	2,281	707	2,498	729
	2006	730	27,519	1,508	198	2,062	589	497	1,752	578	2,250	622
	2007	643	25,580	1,392	163	1,692	552	409	1,703	532	2,026	594
	2008	620	23,705	1,403	157	1,354	587	383	1,518	505	1,928	599
	# Change 04-08	-254	-8,468	-613	-59	-470	-85	-385	-1,111	-282	-528	-225
	% Change 04-08	-29.1%	-26.3%	-30.4%	-27.3%	-25.8%	-12.6%	-50.1%	-42.3%	-35.8%	-21.5%	-27.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 268: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.4%	2.5%	2.0%	1.0%	2.7%	2.6%	3.5%	3.6%	2.2%	3.8%	3.3%
	2005	2.5%	2.3%	1.8%	1.3%	2.9%	2.3%	3.0%	2.9%	2.3%	4.2%	2.9%
	2006	2.1%	2.0%	1.6%	1.2%	2.3%	2.1%	2.5%	2.5%	1.8%	3.6%	2.3%
	2007	1.7%	1.8%	1.5%	0.9%	2.0%	1.6%	2.0%	2.0%	1.6%	3.4%	2.1%
	2008	1.6%	1.6%	1.4%	0.7%	1.8%	1.7%	1.8%	1.7%	1.6%	3.1%	1.9%
Private Institutions	2004	2.8%	4.3%	5.8%	2.2%	5.9%	3.1%	5.1%	3.9%	3.2%	3.7%	1.9%
	2005	2.5%	4.0%	4.6%	2.0%	7.8%	3.2%	4.0%	3.4%	2.3%	3.3%	1.8%
	2006	2.2%	3.6%	3.8%	1.8%	6.1%	2.7%	2.5%	2.5%	2.0%	3.0%	1.8%
	2007	1.9%	3.3%	3.5%	1.5%	4.7%	2.8%	1.9%	2.5%	1.9%	2.5%	1.8%
	2008	1.8%	3.0%	3.5%	1.5%	3.6%	2.8%	1.8%	2.3%	1.4%	2.4%	2.2%
All Institutions	2004	2.7%	3.2%	3.2%	1.6%	4.2%	2.8%	4.0%	3.8%	2.5%	3.8%	3.0%
	2005	2.5%	2.9%	2.7%	1.7%	5.3%	2.7%	3.3%	3.2%	2.3%	3.7%	2.6%
	2006	2.1%	2.6%	2.3%	1.4%	4.3%	2.3%	2.5%	2.5%	1.9%	3.3%	2.1%
	2007	1.9%	2.3%	2.1%	1.2%	3.4%	2.1%	2.0%	2.3%	1.7%	2.9%	2.0%
	2008	1.7%	2.1%	2.1%	1.1%	2.7%	2.1%	1.8%	2.0%	1.5%	2.8%	2.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 269: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - White Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	36	2,567	177	13	109	14	72	234	146	109	157
	2005	48	2,799	219	8	97	28	65	286	141	100	151
	2006	36	2,780	267	8	100	22	61	265	124	74	187
	2007	34	2,640	193	11	97	34	49	258	115	79	199
	2008	46	2,681	211	8	119	28	47	222	131	76	174
	# Change 04-08	10	114	34	-5	10	14	-25	-12	-15	-33	17
	% Change 04-08	27.8%	4.4%	19.2%	-38.5%	9.2%	100.0%	-34.7%	-5.1%	-10.3%	-30.3%	10.8%
Private Institutions	2004	290	3,611	262	86	234	144	69	562	12	249	12
	2005	293	3,552	201	119	452	160	44	515	7	230	7
	2006	226	3,450	209	95	485	169	43	504	5	284	6
	2007	271	3,253	179	84	442	213	54	392	9	273	9
	2008	245	2,996	186	57	368	209	38	364	11	265	13
	# Change 04-08	-45	-615	-76	-29	134	65	-31	-198	-1	16	1
	% Change 04-08	-15.5%	-17.0%	-29.0%	-33.7%	57.3%	45.1%	-44.9%	-35.2%	-8.3%	6.4%	8.3%
All Institutions	2004	326	6,178	439	99	343	158	141	796	158	358	169
	2005	341	6,351	420	127	549	188	109	801	148	330	158
	2006	262	6,230	476	103	585	191	104	769	129	358	193
	2007	305	5,893	372	95	539	247	103	650	124	352	208
	2008	291	5,677	397	65	487	237	85	586	142	341	187
	# Change 04-08	-35	-501	-42	-34	144	79	-56	-210	-16	-17	18
	% Change 04-08	-10.7%	-8.1%	-9.6%	-34.3%	42.0%	50.0%	-39.7%	-26.4%	-10.1%	-4.7%	10.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 270: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.0%	1.4%	1.6%	0.6%	1.5%	0.5%	1.9%	1.9%	2.5%	1.5%	2.3%
	2005	1.3%	1.4%	1.9%	0.3%	1.3%	0.9%	1.6%	2.4%	2.3%	1.4%	2.1%
	2006	1.0%	1.4%	2.3%	0.3%	1.3%	0.6%	1.5%	2.2%	1.9%	1.0%	2.4%
	2007	0.9%	1.3%	1.8%	0.4%	1.3%	0.9%	1.2%	2.2%	1.8%	1.0%	2.6%
	2008	1.1%	1.3%	1.7%	0.3%	1.6%	0.7%	1.2%	1.9%	2.0%	1.0%	2.2%
Private Institutions	2004	2.5%	2.2%	1.5%	2.4%	1.7%	2.6%	2.2%	2.4%	0.5%	2.3%	0.7%
	2005	2.5%	2.1%	1.2%	3.1%	2.9%	2.4%	1.3%	2.4%	0.3%	2.0%	0.3%
	2006	1.9%	1.9%	1.2%	2.5%	3.0%	2.1%	1.3%	2.1%	0.2%	2.3%	0.3%
	2007	2.3%	1.7%	1.1%	2.2%	2.8%	2.3%	1.5%	1.6%	0.4%	2.1%	0.4%
	2008	2.0%	1.6%	1.2%	1.6%	2.2%	2.1%	1.1%	1.5%	0.5%	2.0%	0.5%
All Institutions	2004	2.2%	1.8%	1.6%	1.7%	1.6%	1.9%	2.0%	2.2%	1.9%	2.0%	2.0%
	2005	2.2%	1.7%	1.5%	2.0%	2.4%	1.9%	1.5%	2.4%	1.8%	1.8%	1.7%
	2006	1.7%	1.6%	1.7%	1.6%	2.5%	1.6%	1.4%	2.1%	1.5%	1.8%	2.0%
	2007	2.0%	1.5%	1.4%	1.5%	2.3%	1.9%	1.3%	1.8%	1.4%	1.7%	2.1%
	2008	1.8%	1.5%	1.4%	1.0%	2.0%	1.7%	1.1%	1.7%	1.6%	1.6%	1.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 271: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - White Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	169	32	0	9	6	1	8	12	4	7
	2005	3	189	30	0	6	5	4	9	14	3	16
	2006	6	201	37	0	7	6	2	8	9	7	7
	2007	11	269	45	0	8	6	5	14	16	9	10
	2008	8	277	43	0	9	4	8	15	10	8	12
	# Change 04-08	2	108	11	0	0	-2	7	7	-2	4	5
	% Change 04-08	33.3%	63.9%	34.4%	N/A	0.0%	-33.3%	700.0%	87.5%	-16.7%	100.0%	71.4%
Private Institutions	2004	20	140	12	1	6	0	0	14	3	16	0
	2005	22	122	13	1	3	1	0	17	0	11	0
	2006	28	156	13	1	11	6	0	24	5	12	0
	2007	23	169	18	2	6	4	0	27	5	19	0
	2008	29	174	22	1	8	1	0	19	3	37	0
	# Change 04-08	9	34	10	0	2	1	0	5	0	21	0
	% Change 04-08	45.0%	24.3%	83.3%	0.0%	33.3%	N/A	N/A	35.7%	0.0%	131.3%	N/A
All Institutions	2004	26	309	44	1	15	6	1	22	15	20	7
	2005	25	311	43	1	9	6	4	26	14	14	16
	2006	34	357	50	1	18	12	2	32	14	19	7
	2007	34	438	63	2	14	10	5	41	21	28	10
	2008	37	451	65	1	17	5	8	34	13	45	12
	# Change 04-08	11	142	21	0	2	-1	7	12	-2	25	5
	% Change 04-08	42.3%	46.0%	47.7%	0.0%	13.3%	-16.7%	700.0%	54.5%	-13.3%	125.0%	71.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 272: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.9%	0.4%	1.3%	0.0%	0.7%	0.7%	0.1%	0.6%	1.0%	0.2%	0.4%
	2005	1.0%	0.4%	1.2%	0.0%	0.5%	0.5%	0.4%	0.6%	1.1%	0.2%	0.9%
	2006	2.1%	0.5%	1.5%	0.0%	0.5%	0.6%	0.2%	0.5%	0.7%	0.3%	0.4%
	2007	3.4%	0.6%	1.7%	0.0%	0.6%	0.6%	0.6%	1.0%	1.3%	0.4%	0.6%
	2008	2.7%	0.6%	1.5%	0.0%	0.7%	0.4%	0.9%	1.0%	0.7%	0.4%	0.7%
Private Institutions	2004	0.6%	0.3%	0.2%	0.2%	0.2%	0.0%	0.0%	0.3%	0.3%	0.6%	0.0%
	2005	0.6%	0.3%	0.2%	0.2%	0.1%	0.1%	0.0%	0.3%	0.0%	0.4%	0.0%
	2006	0.8%	0.3%	0.3%	0.2%	0.3%	0.4%	0.0%	0.4%	0.5%	0.4%	0.0%
	2007	0.6%	0.4%	0.4%	0.3%	0.2%	0.3%	0.0%	0.5%	0.5%	0.6%	0.0%
	2008	0.8%	0.4%	0.4%	0.2%	0.2%	0.1%	0.0%	0.3%	0.3%	1.1%	0.0%
All Institutions	2004	0.7%	0.4%	0.6%	0.1%	0.3%	0.3%	0.1%	0.3%	0.7%	0.4%	0.3%
	2005	0.7%	0.4%	0.6%	0.1%	0.2%	0.3%	0.2%	0.4%	0.6%	0.3%	0.6%
	2006	0.9%	0.4%	0.7%	0.1%	0.4%	0.5%	0.1%	0.4%	0.6%	0.4%	0.2%
	2007	0.8%	0.5%	0.8%	0.2%	0.3%	0.4%	0.3%	0.6%	0.9%	0.5%	0.4%
	2008	1.0%	0.5%	0.8%	0.1%	0.4%	0.2%	0.5%	0.5%	0.5%	0.8%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 273: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	72	1,389	271	5	17	30	49	193	24	17	6
	2005	38	1,013	221	4	8	13	46	145	13	15	5
	2006	15	719	122	9	10	17	27	127	10	14	3
	2007	14	488	79	2	10	5	15	92	6	11	3
	2008	23	535	92	1	19	6	19	74	11	6	3
	# Change 04-08	-49	-854	-179	-4	2	-24	-30	-119	-13	-11	-3
	% Change 04-08	-68.1%	-61.5%	-66.1%	-80.0%	11.8%	-80.0%	-61.2%	-61.7%	-54.2%	-64.7%	-50.0%
Private Institutions	2004	3	316	104	3	14	0	23	23	0	2	0
	2005	1	129	8	1	13	6	1	9	0	1	1
	2006	0	97	1	0	10	0	1	21	0	2	1
	2007	0	159	11	0	14	1	0	46	0	2	0
	2008	1	132	6	0	15	0	3	68	0	1	0
	# Change 04-08	-2	-184	-98	-3	1	0	-20	45	0	-1	0
	% Change 04-08	-66.7%	-58.2%	-94.2%	-100.0%	7.1%	N/A	-87.0%	195.7%	N/A	-50.0%	N/A
All Institutions	2004	75	1,705	375	8	31	30	72	216	24	19	6
	2005	39	1,142	229	5	21	19	47	154	13	16	6
	2006	15	816	123	9	20	17	28	148	10	16	4
	2007	14	647	90	2	24	6	15	138	6	13	3
	2008	24	667	98	1	34	6	22	142	11	7	3
	# Change 04-08	-51	-1,038	-277	-7	3	-24	-50	-74	-13	-12	-3
	% Change 04-08	-68.0%	-60.9%	-73.9%	-87.5%	9.7%	-80.0%	-69.4%	-34.3%	-54.2%	-63.2%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 274: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21.0%	8.5%	6.1%	4.0%	8.4%	13.5%	9.9%	9.2%	15.8%	9.6%	2.9%
	2005	7.7%	6.4%	5.4%	3.6%	3.9%	5.9%	6.6%	8.8%	8.1%	9.0%	3.0%
	2006	6.8%	4.9%	3.2%	8.2%	4.9%	8.5%	5.1%	7.9%	5.6%	8.7%	2.4%
	2007	5.5%	3.3%	2.3%	1.8%	4.9%	2.4%	2.9%	4.4%	4.0%	7.1%	2.9%
	2008	8.4%	3.3%	2.7%	0.9%	8.7%	3.5%	3.2%	3.9%	9.0%	5.1%	5.7%
Private Institutions	2004	2.5%	6.5%	8.1%	2.9%	4.4%	0.0%	27.4%	2.4%	0.0%	1.4%	0.0%
	2005	0.6%	2.6%	0.7%	1.8%	2.7%	15.8%	3.4%	1.0%	0.0%	0.8%	2.9%
	2006	0.0%	1.9%	0.1%	0.0%	3.0%	0.0%	1.4%	2.5%	0.0%	1.2%	3.7%
	2007	0.0%	2.6%	0.6%	0.0%	3.1%	3.0%	0.0%	4.7%	0.0%	1.6%	0.0%
	2008	0.7%	1.9%	0.4%	0.0%	3.4%	0.0%	1.9%	5.4%	0.0%	0.8%	0.0%
All Institutions	2004	16.2%	8.1%	6.6%	3.5%	5.9%	12.6%	12.5%	7.1%	13.8%	6.0%	2.7%
	2005	5.8%	5.5%	4.3%	3.0%	3.1%	7.3%	6.4%	6.0%	7.6%	5.5%	3.0%
	2006	4.3%	4.1%	2.4%	5.8%	3.7%	7.7%	4.6%	6.0%	5.3%	5.0%	2.7%
	2007	3.7%	3.1%	1.7%	1.3%	3.7%	2.5%	2.5%	4.5%	3.7%	4.7%	2.1%
	2008	5.8%	2.9%	2.0%	0.6%	5.2%	2.6%	2.9%	4.5%	8.3%	3.0%	4.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 275: Number of Bachelor's Degrees in Computer and Information Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	41	2,999	446	9	70	144	143	236	28	79	67
	2005	41	2,522	354	25	74	110	99	217	29	65	69
	2006	34	1,725	231	6	41	64	62	157	18	57	39
	2007	17	1,233	174	5	30	39	47	124	6	29	16
	2008	14	957	97	2	47	33	35	117	11	29	28
	# Change 04-08	-27	-2,042	-349	-7	-23	-111	-108	-119	-17	-50	-39
	% Change 04-08	-65.9%	-68.1%	-78.3%	-77.8%	-32.9%	-77.1%	-75.5%	-50.4%	-60.7%	-63.3%	-58.2%
Private Institutions	2004	93	2,180	260	35	175	30	51	254	35	196	20
	2005	92	1,587	212	16	105	21	15	181	14	132	27
	2006	68	1,448	151	17	63	18	11	129	24	95	32
	2007	62	1,237	108	7	42	10	14	122	12	65	21
	2008	53	898	70	10	34	9	15	106	8	62	16
	# Change 04-08	-40	-1,282	-190	-25	-141	-21	-36	-148	-27	-134	-4
	% Change 04-08	-43.0%	-58.8%	-73.1%	-71.4%	-80.6%	-70.0%	-70.6%	-58.3%	-77.1%	-68.4%	-20.0%
All Institutions	2004	134	5,179	706	44	245	174	194	490	63	275	87
	2005	133	4,109	566	41	179	131	114	398	43	197	96
	2006	102	3,173	382	23	104	82	73	286	42	152	71
	2007	79	2,470	282	12	72	49	61	246	18	94	37
	2008	67	1,855	167	12	81	42	50	223	19	91	44
	# Change 04-08	-67	-3,324	-539	-32	-164	-132	-144	-267	-44	-184	-43
	% Change 04-08	-50.0%	-64.2%	-76.3%	-72.7%	-66.9%	-75.9%	-74.2%	-54.5%	-69.8%	-66.9%	-49.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 276: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10.3%	11.1%	11.3%	8.3%	12.0%	18.3%	19.2%	10.6%	5.4%	11.1%	8.1%
	2005	11.3%	9.1%	8.5%	12.0%	8.5%	16.0%	15.8%	9.4%	7.7%	8.3%	9.2%
	2006	9.5%	6.3%	5.4%	3.4%	5.4%	9.0%	9.1%	6.5%	3.8%	7.6%	5.6%
	2007	5.4%	4.8%	4.1%	4.3%	4.6%	5.9%	9.6%	4.6%	1.8%	4.6%	3.3%
	2008	5.1%	3.7%	2.5%	1.5%	7.4%	5.6%	6.5%	3.9%	2.7%	4.8%	4.3%
Private Institutions	2004	3.9%	10.4%	13.7%	7.9%	16.6%	9.8%	14.2%	8.2%	11.5%	13.2%	9.0%
	2005	4.4%	7.5%	9.7%	4.1%	9.9%	6.1%	4.7%	6.4%	5.2%	9.2%	9.6%
	2006	3.2%	6.5%	6.7%	4.0%	6.2%	5.2%	4.2%	4.9%	8.5%	6.7%	10.8%
	2007	2.9%	5.3%	4.6%	1.7%	4.4%	3.6%	4.4%	4.3%	4.2%	4.5%	7.9%
	2008	2.6%	4.2%	3.4%	2.6%	4.0%	2.8%	3.8%	3.8%	2.5%	4.1%	4.9%
All Institutions	2004	4.8%	10.8%	12.1%	8.0%	14.9%	15.9%	17.6%	9.2%	7.6%	12.5%	8.3%
	2005	5.4%	8.4%	8.9%	6.8%	9.3%	12.7%	12.1%	7.7%	6.7%	8.9%	9.3%
	2006	4.2%	6.4%	5.8%	3.8%	5.8%	7.8%	7.7%	5.6%	5.5%	7.0%	7.1%
	2007	3.2%	5.0%	4.3%	2.2%	4.5%	5.2%	7.6%	4.4%	3.0%	4.5%	4.9%
	2008	2.9%	3.9%	2.8%	2.3%	5.5%	4.7%	5.3%	3.9%	2.6%	4.3%	4.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 277: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	145	5,551	561	14	298	72	219	369	202	142	137
	2005	79	4,885	552	11	231	64	157	360	112	115	150
	2006	83	4,312	479	8	298	50	206	339	122	65	233
	2007	69	3,868	366	8	297	67	160	341	111	61	134
	2008	90	4,466	356	9	542	53	232	389	175	52	222
	# Change 04-08	-55	-1,085	-205	-5	244	-19	13	20	-27	-90	85
	% Change 04-08	-37.9%	-19.5%	-36.5%	-35.7%	81.9%	-26.4%	5.9%	5.4%	-13.4%	-63.4%	62.0%
Private Institutions	2004	196	3,465	555	142	423	81	114	677	9	453	3
	2005	153	2,788	527	99	351	73	84	555	4	313	3
	2006	125	2,478	410	64	299	90	94	491	2	342	8
	2007	133	2,561	404	84	375	37	134	557	2	279	8
	2008	169	3,114	467	133	471	37	128	724	0	380	4
	# Change 04-08	-27	-351	-88	-9	48	-44	14	47	-9	-73	1
	% Change 04-08	-13.8%	-10.1%	-15.9%	-6.3%	11.3%	-54.3%	12.3%	6.9%	-100.0%	-16.1%	33.3%
All Institutions	2004	341	9,016	1,116	156	721	153	333	1,046	211	595	140
	2005	232	7,673	1,079	110	582	137	241	915	116	428	153
	2006	208	6,790	889	72	597	140	300	830	124	407	241
	2007	202	6,429	770	92	672	104	294	898	113	340	142
	2008	259	7,580	823	142	1,013	90	360	1,113	175	432	226
	# Change 04-08	-82	-1,436	-293	-14	292	-63	27	67	-36	-163	86
	% Change 04-08	-24.0%	-15.9%	-26.3%	-9.0%	40.5%	-41.2%	8.1%	6.4%	-17.1%	-27.4%	61.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 278: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.8%	12.8%	13.0%	5.7%	11.8%	9.8%	20.6%	14.9%	22.6%	12.4%	11.8%
	2005	16.8%	11.9%	13.0%	3.8%	10.5%	9.1%	15.7%	15.0%	16.0%	10.1%	13.5%
	2006	17.2%	11.3%	12.2%	2.9%	14.1%	7.6%	21.4%	14.8%	15.4%	6.6%	19.9%
	2007	13.2%	11.0%	10.4%	3.3%	15.0%	9.7%	18.9%	15.3%	14.3%	6.3%	18.1%
	2008	15.9%	11.6%	9.6%	3.4%	21.9%	7.0%	23.2%	15.9%	18.6%	4.9%	18.7%
Private Institutions	2004	4.6%	9.8%	12.5%	13.9%	11.6%	32.8%	15.1%	8.7%	4.3%	18.2%	1.8%
	2005	4.1%	7.7%	11.7%	9.4%	10.8%	27.7%	12.1%	7.4%	2.2%	15.2%	1.3%
	2006	3.3%	6.6%	9.2%	6.7%	9.3%	33.7%	11.2%	6.3%	1.0%	14.0%	4.1%
	2007	3.6%	7.0%	9.4%	9.1%	12.2%	16.9%	16.0%	6.7%	1.1%	11.3%	5.1%
	2008	4.2%	8.2%	9.9%	11.5%	13.9%	15.9%	12.6%	8.0%	0.0%	15.5%	2.1%
All Institutions	2004	6.9%	11.4%	12.8%	12.3%	11.7%	15.6%	18.3%	10.2%	19.1%	16.4%	10.5%
	2005	5.5%	10.0%	12.4%	8.2%	10.7%	14.1%	14.2%	9.3%	13.1%	13.4%	11.4%
	2006	4.9%	9.0%	10.6%	5.8%	11.2%	15.2%	16.6%	8.3%	12.4%	11.9%	17.7%
	2007	4.8%	8.9%	9.8%	7.9%	13.3%	11.4%	17.5%	8.5%	11.8%	9.9%	15.8%
	2008	5.6%	9.9%	9.8%	10.0%	17.3%	9.1%	17.8%	9.7%	15.2%	12.3%	16.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 279: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10	313	48	0	19	10	20	27	7	20	9
	2005	3	458	77	0	27	12	16	35	10	28	10
	2006	11	627	111	0	52	15	23	36	17	31	12
	2007	13	658	120	0	29	14	12	41	17	31	21
	2008	12	774	118	0	47	11	24	53	20	42	22
	# Change 04-08	2	461	70	0	28	1	4	26	13	22	13
	% Change 04-08	20.0%	147.3%	145.8%	N/A	147.4%	10.0%	20.0%	96.3%	185.7%	110.0%	144.4%
Private Institutions	2004	12	143	32	4	3	0	0	38	0	32	0
	2005	20	164	38	2	9	0	0	38	0	29	0
	2006	35	239	46	2	17	1	0	51	0	49	0
	2007	35	259	46	5	12	0	5	56	0	44	0
	2008	30	255	51	4	17	0	1	52	1	43	0
	# Change 04-08	18	112	19	0	14	0	1	14	1	11	0
	% Change 04-08	150.0%	78.3%	59.4%	0.0%	466.7%	N/A	N/A	36.8%	N/A	34.4%	N/A
All Institutions	2004	22	456	80	4	22	10	20	65	7	52	9
	2005	23	622	115	2	36	12	16	73	10	57	10
	2006	46	866	157	2	69	16	23	87	17	80	12
	2007	48	917	166	5	41	14	17	97	17	75	21
	2008	42	1,029	169	4	64	11	25	105	21	85	22
	# Change 04-08	20	573	89	0	42	1	5	40	14	33	13
	% Change 04-08	90.9%	125.7%	111.3%	0.0%	190.9%	10.0%	25.0%	61.5%	200.0%	63.5%	144.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 280: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.0%	3.5%	6.3%	0.0%	4.8%	5.1%	8.1%	6.8%	3.1%	4.3%	4.1%
	2005	2.7%	4.5%	8.2%	0.0%	5.5%	5.0%	6.7%	7.4%	4.0%	5.6%	3.4%
	2006	8.5%	5.4%	10.6%	0.0%	9.1%	5.2%	8.3%	7.0%	5.4%	6.0%	3.7%
	2007	9.5%	5.3%	10.1%	0.0%	8.7%	4.4%	4.2%	8.1%	5.2%	5.5%	6.6%
	2008	7.5%	6.1%	10.6%	0.0%	7.7%	3.9%	7.7%	9.2%	6.7%	7.4%	5.8%
Private Institutions	2004	1.5%	2.5%	3.5%	2.6%	0.6%	0.0%	0.0%	3.6%	0.0%	7.9%	0.0%
	2005	2.4%	2.6%	4.1%	1.4%	1.7%	0.0%	0.0%	3.3%	0.0%	5.5%	0.0%
	2006	3.9%	3.6%	4.5%	1.5%	3.3%	2.9%	0.0%	4.2%	0.0%	9.5%	0.0%
	2007	3.7%	3.9%	4.5%	3.7%	2.2%	0.0%	2.6%	4.3%	0.0%	8.8%	0.0%
	2008	3.1%	3.8%	4.9%	2.8%	3.3%	0.0%	0.5%	3.9%	3.7%	9.0%	0.0%
All Institutions	2004	2.4%	3.1%	4.8%	1.7%	2.4%	4.2%	4.6%	4.5%	2.8%	5.9%	3.4%
	2005	2.5%	3.8%	6.2%	0.8%	3.6%	4.3%	3.8%	4.5%	3.5%	5.5%	3.1%
	2006	4.4%	4.8%	7.6%	0.8%	6.4%	5.0%	4.7%	5.0%	5.0%	7.7%	3.3%
	2007	4.5%	4.8%	7.5%	1.8%	4.7%	3.6%	3.6%	5.4%	4.7%	7.0%	5.9%
	2008	3.7%	5.3%	7.8%	1.4%	5.7%	3.4%	5.0%	5.5%	6.4%	8.1%	5.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 281: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences - Resident Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	677	42,033	3,607	86	1,898	953	515	1,864	2,408	1,072	110
	2005	535	34,752	2,789	77	1,723	772	385	1,583	2,080	858	73
	2006	453	29,437	2,393	65	1,198	635	307	1,298	1,775	734	49
	2007	346	26,238	2,407	52	1,124	601	230	1,079	1,321	587	70
	2008	375	27,489	3,376	69	1,029	479	241	1,047	1,293	589	488
	# Change 04-08	-302	-14,544	-231	-17	-869	-474	-274	-817	-1,115	-483	378
	% Change 04-08	-44.6%	-34.6%	-6.4%	-19.8%	-45.8%	-49.7%	-53.2%	-43.8%	-46.3%	-45.1%	343.6%
Private Institutions	2004	444	32,520	3,785	299	1,016	477	1,894	2,362	102	2,500	1,798
	2005	329	27,533	3,173	248	1,289	441	1,304	1,694	79	2,208	1,617
	2006	283	24,296	2,681	205	1,227	223	1,394	1,442	106	1,842	1,631
	2007	274	21,650	2,065	129	1,162	209	899	1,521	108	1,661	1,452
	2008	474	22,704	2,007	97	1,019	189	1,124	1,489	198	1,587	1,563
	# Change 04-08	30	-9,816	-1,778	-202	3	-288	-770	-873	96	-913	-235
	% Change 04-08	6.8%	-30.2%	-47.0%	-67.6%	0.3%	-60.4%	-40.7%	-37.0%	94.1%	-36.5%	-13.1%
All Institutions	2004	1,121	74,553	7,392	385	2,914	1,430	2,409	4,226	2,510	3,572	1,908
	2005	864	62,285	5,962	325	3,012	1,213	1,689	3,277	2,159	3,066	1,690
	2006	736	53,733	5,074	270	2,425	858	1,701	2,740	1,881	2,576	1,680
	2007	620	47,888	4,472	181	2,286	810	1,129	2,600	1,429	2,248	1,522
	2008	849	50,193	5,383	166	2,048	668	1,365	2,536	1,491	2,176	2,051
	# Change 04-08	-272	-24,360	-2,009	-219	-866	-762	-1,044	-1,690	-1,019	-1,396	143
	% Change 04-08	-24.3%	-32.7%	-27.2%	-56.9%	-29.7%	-53.3%	-43.3%	-40.0%	-40.6%	-39.1%	7.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 282: Associate's Degrees and Certificates Below Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.2%	4.8%	3.1%	2.0%	4.0%	4.2%	3.7%	4.4%	7.9%	5.9%	0.7%
	2005	4.8%	3.8%	2.2%	1.7%	3.4%	3.4%	2.7%	3.6%	6.5%	4.5%	0.5%
	2006	4.0%	3.2%	2.0%	1.5%	2.4%	2.7%	2.1%	3.0%	5.6%	3.8%	0.3%
	2007	3.1%	2.7%	1.9%	1.1%	2.2%	2.5%	1.5%	2.4%	4.1%	3.0%	0.4%
	2008	3.3%	2.8%	2.6%	1.4%	2.0%	2.1%	1.4%	2.4%	3.9%	2.8%	2.8%
Private Institutions	2004	5.2%	7.1%	5.5%	4.7%	6.1%	7.7%	14.1%	6.4%	2.6%	8.9%	18.3%
	2005	3.3%	5.7%	4.4%	3.5%	5.7%	6.5%	9.0%	4.6%	1.9%	7.4%	15.5%
	2006	3.0%	4.8%	3.6%	2.8%	5.0%	3.4%	9.7%	4.2%	2.2%	5.7%	15.9%
	2007	2.9%	4.2%	2.7%	1.7%	4.9%	3.2%	6.7%	4.2%	2.2%	5.2%	13.6%
	2008	4.8%	4.1%	2.5%	1.3%	4.2%	2.7%	8.3%	4.4%	4.1%	4.9%	13.9%
All Institutions	2004	5.8%	5.6%	4.0%	3.6%	4.5%	4.9%	8.8%	5.3%	7.3%	7.7%	7.5%
	2005	4.1%	4.4%	3.0%	2.8%	4.1%	4.1%	5.9%	4.1%	6.0%	6.2%	6.5%
	2006	3.6%	3.7%	2.6%	2.3%	3.3%	2.8%	5.8%	3.5%	5.1%	5.0%	6.5%
	2007	3.0%	3.2%	2.2%	1.5%	3.1%	2.7%	3.9%	3.2%	3.8%	4.3%	5.7%
	2008	4.0%	3.3%	2.6%	1.3%	2.7%	2.2%	4.5%	3.2%	3.9%	4.1%	7.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 283: Number of Bachelor's Degrees in Computer and Information Sciences - Resident Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	460	27,713	3,089	108	1,036	536	1,168	2,226	791	1,524	1,032
	2005	482	25,637	2,622	134	961	503	988	1,877	792	1,654	920
	2006	396	21,836	2,156	117	767	428	753	1,492	597	1,475	753
	2007	328	19,238	1,826	104	659	356	594	1,216	528	1,391	678
	2008	307	17,606	1,665	81	612	353	523	1,017	540	1,251	654
	# Change 04-08	-153	-10,107	-1,424	-27	-424	-183	-645	-1,209	-251	-273	-378
	% Change 04-08	-33.3%	-36.5%	-46.1%	-25.0%	-40.9%	-34.1%	-55.2%	-54.3%	-31.7%	-17.9%	-36.6%
Private Institutions	2004	985	28,299	3,001	195	2,112	419	531	3,120	582	1,748	209
	2005	875	26,351	2,394	168	2,962	485	441	2,754	426	1,603	259
	2006	769	23,846	1,891	140	2,675	467	312	2,035	377	1,490	251
	2007	687	21,720	1,725	135	2,049	425	217	1,977	316	1,220	235
	2008	726	20,240	1,852	127	1,533	443	207	1,680	250	1,253	297
	# Change 04-08	-259	-8,059	-1,149	-68	-579	24	-324	-1,440	-332	-495	88
	% Change 04-08	-26.3%	-28.5%	-38.3%	-34.9%	-27.4%	5.7%	-61.0%	-46.2%	-57.0%	-28.3%	42.1%
All Institutions	2004	1,445	56,012	6,090	303	3,148	955	1,699	5,346	1,373	3,272	1,241
	2005	1,357	51,988	5,016	302	3,923	988	1,429	4,631	1,218	3,257	1,179
	2006	1,165	45,682	4,047	257	3,442	895	1,065	3,527	974	2,965	1,004
	2007	1,015	40,958	3,551	239	2,708	781	811	3,193	844	2,611	913
	2008	1,033	37,846	3,517	208	2,145	796	730	2,697	790	2,504	951
	# Change 04-08	-412	-18,166	-2,573	-95	-1,003	-159	-969	-2,649	-583	-768	-290
	% Change 04-08	-28.5%	-32.4%	-42.2%	-31.4%	-31.9%	-16.6%	-57.0%	-49.6%	-42.5%	-23.5%	-23.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 284: Bachelor's Degrees in Computer and Information Sciences as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.3%	3.0%	2.9%	1.3%	3.2%	3.0%	5.4%	5.2%	2.7%	4.0%	3.7%
	2005	3.3%	2.7%	2.4%	1.5%	3.0%	2.8%	4.4%	4.1%	2.7%	4.2%	3.2%
	2006	2.7%	2.2%	1.9%	1.2%	2.4%	2.3%	3.3%	3.2%	2.0%	3.6%	2.5%
	2007	2.2%	1.9%	1.6%	1.1%	2.0%	1.9%	2.5%	2.5%	1.8%	3.4%	2.2%
	2008	2.0%	1.7%	1.4%	0.8%	1.8%	1.8%	2.2%	2.1%	1.7%	3.0%	2.1%
Private Institutions	2004	3.0%	5.4%	8.0%	2.2%	7.3%	3.7%	6.3%	4.8%	4.3%	4.3%	2.4%
	2005	2.7%	4.9%	6.2%	2.0%	8.9%	4.1%	5.0%	4.2%	3.2%	3.9%	2.7%
	2006	2.2%	4.3%	4.8%	1.6%	7.1%	3.9%	3.6%	3.1%	2.8%	3.5%	2.5%
	2007	2.0%	3.8%	4.3%	1.4%	5.3%	3.4%	2.4%	2.9%	2.3%	2.8%	2.2%
	2008	2.0%	3.4%	4.4%	1.4%	4.0%	3.4%	2.2%	2.4%	1.8%	2.8%	2.6%
All Institutions	2004	3.1%	3.9%	4.3%	1.8%	5.2%	3.3%	5.7%	4.9%	3.2%	4.2%	3.4%
	2005	2.9%	3.5%	3.4%	1.7%	6.0%	3.3%	4.5%	4.1%	2.9%	4.0%	3.1%
	2006	2.4%	3.0%	2.7%	1.4%	4.9%	2.9%	3.3%	3.1%	2.3%	3.6%	2.5%
	2007	2.0%	2.6%	2.3%	1.2%	3.8%	2.5%	2.5%	2.7%	1.9%	3.1%	2.2%
	2008	2.0%	2.3%	2.2%	1.1%	3.0%	2.4%	2.2%	2.3%	1.7%	2.9%	2.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 285: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences - Resident Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	84	4,772	517	25	198	25	209	426	289	143	318
	2005	103	4,873	624	14	180	39	186	456	258	136	220
	2006	60	4,774	685	19	172	33	168	393	204	110	261
	2007	63	4,554	494	21	154	45	130	392	216	94	350
	2008	62	4,628	542	14	226	37	134	340	200	100	287
	# Change 04-08	-22	-144	25	-11	28	12	-75	-86	-89	-43	-31
	% Change 04-08	-26.2%	-3.0%	4.8%	-44.0%	14.1%	48.0%	-35.9%	-20.2%	-30.8%	-30.1%	-9.7%
Private Institutions	2004	540	7,233	673	153	460	235	175	1,193	20	501	33
	2005	621	7,054	531	181	873	284	155	1,094	15	445	19
	2006	535	6,557	502	140	887	265	106	1,098	9	494	21
	2007	629	6,220	431	127	880	337	107	906	13	423	31
	2008	576	5,999	486	91	722	376	85	721	14	439	49
	# Change 04-08	36	-1,234	-187	-62	262	141	-90	-472	-6	-62	16
	% Change 04-08	6.7%	-17.1%	-27.8%	-40.5%	57.0%	60.0%	-51.4%	-39.6%	-30.0%	-12.4%	48.5%
All Institutions	2004	624	12,005	1,190	178	658	260	384	1,619	309	644	351
	2005	724	11,927	1,155	195	1,053	323	341	1,550	273	581	239
	2006	595	11,331	1,187	159	1,059	298	274	1,491	213	604	282
	2007	692	10,774	925	148	1,034	382	237	1,298	229	517	381
	2008	638	10,627	1,028	105	948	413	219	1,061	214	539	336
	# Change 04-08	14	-1,378	-162	-73	290	153	-165	-558	-95	-105	-15
	% Change 04-08	2.2%	-11.5%	-13.6%	-41.0%	44.1%	58.8%	-43.0%	-34.5%	-30.7%	-16.3%	-4.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 286: Certificates Above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 19)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.8%	1.9%	2.4%	0.8%	2.1%	0.7%	3.6%	2.5%	3.9%	1.6%	3.6%
	2005	2.1%	1.8%	2.7%	0.4%	1.9%	0.9%	3.0%	2.8%	3.3%	1.6%	2.3%
	2006	1.2%	1.7%	2.8%	0.6%	1.8%	0.7%	2.7%	2.3%	2.5%	1.2%	2.6%
	2007	1.2%	1.7%	2.1%	0.6%	1.6%	1.0%	2.0%	2.3%	2.5%	1.0%	3.4%
	2008	1.1%	1.6%	2.0%	0.4%	2.2%	0.8%	2.1%	2.1%	2.3%	1.0%	2.7%
Private Institutions	2004	2.7%	2.7%	2.2%	3.1%	2.3%	3.1%	3.5%	2.9%	0.7%	3.3%	1.3%
	2005	3.1%	2.6%	1.8%	3.4%	3.7%	3.2%	2.9%	2.8%	0.5%	2.7%	0.7%
	2006	2.6%	2.2%	1.6%	2.7%	3.6%	2.4%	1.9%	2.6%	0.3%	2.9%	0.7%
	2007	3.1%	2.0%	1.4%	2.5%	3.5%	2.8%	1.8%	2.1%	0.4%	2.4%	0.9%
	2008	2.6%	1.9%	1.5%	1.8%	2.8%	2.7%	1.4%	1.8%	0.4%	2.3%	1.2%
All Institutions	2004	2.5%	2.3%	2.3%	2.2%	2.2%	2.3%	3.5%	2.8%	2.9%	2.7%	3.1%
	2005	2.9%	2.2%	2.2%	2.2%	3.2%	2.4%	2.9%	2.8%	2.5%	2.3%	1.9%
	2006	2.3%	2.0%	2.1%	1.8%	3.1%	1.9%	2.3%	2.5%	1.8%	2.3%	2.2%
	2007	2.7%	1.8%	1.7%	1.8%	3.0%	2.3%	1.9%	2.2%	1.9%	1.9%	2.7%
	2008	2.3%	1.8%	1.8%	1.2%	2.6%	2.2%	1.8%	1.8%	1.7%	1.9%	2.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 287: Number of Doctor's and First Professional Degrees in Computer and Information Sciences - Resident Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	239	54	0	12	8	3	13	12	5	7
	2005	7	278	54	0	7	7	5	14	19	3	20
	2006	7	305	68	0	13	10	6	11	17	9	10
	2007	17	417	87	0	28	8	7	14	19	11	18
	2008	11	404	78	0	13	7	15	20	12	11	13
	# Change 04-08	4	165	24	0	1	-1	12	7	0	6	6
	% Change 04-08	57.1%	69.0%	44.4%	N/A	8.3%	-12.5%	400.0%	53.8%	0.0%	120.0%	85.7%
Private Institutions	2004	26	217	24	1	7	0	0	27	7	40	0
	2005	31	228	23	2	8	1	0	31	10	37	0
	2006	37	247	25	3	18	10	0	36	7	30	0
	2007	38	264	29	3	8	5	0	42	8	41	0
	2008	47	274	37	1	11	3	0	26	11	60	0
	# Change 04-08	21	57	13	0	4	3	0	-1	4	20	0
	% Change 04-08	80.8%	26.3%	54.2%	0.0%	57.1%	N/A	N/A	-3.7%	57.1%	50.0%	N/A
All Institutions	2004	33	456	78	1	19	8	3	40	19	45	7
	2005	38	506	77	2	15	8	5	45	29	40	20
	2006	44	552	93	3	31	20	6	47	24	39	10
	2007	55	681	116	3	36	13	7	56	27	52	18
	2008	58	678	115	1	24	10	15	46	23	71	13
	# Change 04-08	25	222	37	0	5	2	12	6	4	26	6
	% Change 04-08	75.8%	48.7%	47.4%	0.0%	26.3%	25.0%	400.0%	15.0%	21.1%	57.8%	85.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 288: Doctor's and First Professional Degrees in Computer and Information Sciences as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 19)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.7%	0.4%	1.2%	0.0%	0.7%	0.7%	0.2%	0.6%	0.8%	0.2%	0.3%
	2005	1.7%	0.5%	1.2%	0.0%	0.4%	0.6%	0.3%	0.7%	1.2%	0.1%	0.9%
	2006	1.9%	0.5%	1.5%	0.0%	0.7%	0.8%	0.4%	0.5%	1.1%	0.3%	0.4%
	2007	4.0%	0.7%	1.8%	0.0%	1.3%	0.6%	0.4%	0.7%	1.1%	0.4%	0.8%
	2008	2.9%	0.6%	1.5%	0.0%	0.7%	0.5%	0.9%	0.9%	0.7%	0.4%	0.5%
Private Institutions	2004	0.5%	0.3%	0.3%	0.1%	0.2%	0.0%	0.0%	0.3%	0.5%	1.0%	0.0%
	2005	0.6%	0.3%	0.3%	0.2%	0.2%	0.1%	0.0%	0.3%	0.7%	0.9%	0.0%
	2006	0.6%	0.4%	0.3%	0.3%	0.4%	0.6%	0.0%	0.4%	0.5%	0.7%	0.0%
	2007	0.6%	0.4%	0.3%	0.3%	0.2%	0.2%	0.0%	0.5%	0.5%	0.9%	0.0%
	2008	0.8%	0.4%	0.4%	0.1%	0.2%	0.1%	0.0%	0.3%	0.7%	1.2%	0.0%
All Institutions	2004	0.6%	0.4%	0.6%	0.1%	0.3%	0.3%	0.1%	0.4%	0.7%	0.7%	0.2%
	2005	0.6%	0.4%	0.6%	0.1%	0.2%	0.3%	0.2%	0.4%	1.0%	0.6%	0.5%
	2006	0.7%	0.4%	0.7%	0.2%	0.5%	0.7%	0.2%	0.4%	0.8%	0.5%	0.3%
	2007	0.8%	0.5%	0.8%	0.2%	0.5%	0.4%	0.3%	0.5%	0.8%	0.7%	0.5%
	2008	0.9%	0.5%	0.8%	0.1%	0.3%	0.3%	0.6%	0.4%	0.7%	0.9%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Summary

In 2008, 4.0% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Computer and Information Sciences. This percentage was higher than the national average (3.3%) and higher than in six of the nine comparison states (Virginia had the highest percentage at 7.1%). Among female students in Massachusetts, the percentage was 2.2%. This was higher than the national average among female students (1.6%) and higher than in seven of the comparison states (Virginia had the highest percentage among female students at 4.3%). Among male students in Massachusetts, the percentage was 7.9%. This was higher than the national average among male students (6.0%) and higher than in seven of the comparison states (Virginia had the highest percentage among male students at 12.8%). Among Asian students in Massachusetts, the percentage was 3.5%. This was lower than the national average among Asian students (4.1%) and lower than in five of the comparison states (Virginia had the highest percentage among Asian students at 8.3%). Among Black students in Massachusetts, the percentage was 7.4%. This was higher than the national average among Black students (3.6%) and higher than in eight of the comparison states (Virginia had the highest percentage among Black students at 8.6%). Among Hispanic students in Massachusetts, the percentage was 5.5%. This was higher than the national average among Hispanic students (2.7%) and higher than in seven of the comparison states (Virginia had the highest percentage among Hispanic students at 9.2%). Among White students in Massachusetts, the percentage was 3.5%. This was higher than the national average among White students (3.2%) and higher than in five of the comparison states (Virginia had the highest percentage among White students at 6.1%).

In 2008, female students earned 37.5% of the Associate's Degrees and Certificates below Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 29.9% for degrees earned by female students and higher than the percentage in eight of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 39.8%). Male students earned 62.5% of the Associate's Degrees and Certificates below Bachelor's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 70.1% for degrees earned by male students and lower than the percentage in eight of the comparison states (Connecticut had the highest percentage of degrees earned by male students at 82.6%). Asian students earned 3.4% of the Associate's Degrees and Certificates below Bachelor's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 5.8% for degrees earned by Asian students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 23.8%). Black students earned 17.9% of the Associate's Degrees and Certificates below Bachelor's Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 16.0% for degrees earned by Black students and lower than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 32.5%). Hispanic students earned 12.5% of the Associate's Degrees and Certificates below Bachelor's Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 12.4% for degrees earned by Hispanic students and higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 21.2%). White students earned 54.2% of the Associate's Degrees and Certificates below Bachelor's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 56.4% for degrees earned by White students and lower than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 80.0%).

In 2008, 2.0% of all Bachelor's degrees granted in Massachusetts were in Computer and Information Sciences. This percentage was lower than the national average (2.4%) and lower than the percentage in seven of the nine comparison states (Illinois and Pennsylvania had the highest percentage at 3.0%). Among female students in Massachusetts, the percentage was 0.6%. This was lower than the national average among female students (0.7%) and lower than in five of the comparison states (Illinois and Pennsylvania had the highest percentage among female students at 1.0%). Among male students in Massachusetts, the percentage was 4.0%. This was lower than the national average among male



students (4.6%) and lower than in seven of the comparison states (Illinois had the highest percentage among male students at 5.8%). Among Asian students in Massachusetts, the percentage was 1.9%. This was lower than the national average among Asian students (2.8%) and lower than in eight of the comparison states (Illinois had the highest percentage among Asian students at 3.5%). Among Black students in Massachusetts, the percentage was 1.8%. This was lower than the national average among Black students (2.2%) and lower than in seven of the comparison states (Illinois and Minnesota had the highest percentage among Black students at 3.7%). Among Hispanic students in Massachusetts, the percentage was 1.7%. This was lower than the national average among Hispanic students (2.1%) and lower than in seven of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 2.8%). Among White students in Massachusetts, the percentage was 2.9%. This was lower than the national average among White students (3.9%) and lower than in five of the comparison states (Illinois had the highest percentage among White students at 5.5%).

In 2008, female students earned 17.4% of the Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 17.8% for degrees earned by female students and lower than the percentage in five of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 20.6%). Male students earned 82.6% of the Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 82.2% for degrees earned by male students and higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by male students at 85.8%). Asian students earned 12.0% of the Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 8.1% for degrees earned by Asian students and higher than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Asian students at 22.8%). Black students earned 5.0% of the Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 10.2% for degrees earned by Black students and lower than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 23.9%). Hispanic students earned 4.3% of the Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 7.5% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 14.5%). White students earned 56.4% of the Bachelor's degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 59.7% for degrees earned by White students and lower than the percentage in six of the comparison states (Pennsylvania had the highest percentage of degrees earned by White students at 74.3%).

In 2008, 2.8% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Computer and Information Sciences. This percentage was higher than the national average (2.7%) but lower than the percentage in five of the nine comparison states (Illinois had the highest percentage at 4.7%). Among female students in Massachusetts, the percentage was 1.1%. This was lower than the national average among female students (1.2%) and lower than in six of the comparison states (New Jersey had the highest percentage among female students at 2.2%). Among male students in Massachusetts, the percentage was 5.6%. This was higher than the national average among male students (5.0%) but lower than in five of the comparison states (Illinois had the highest percentage among male students at 8.6%). Among Asian students in Massachusetts, the percentage was 4.3%. This was lower than the national average among Asian students (4.8%) and lower than in six of the comparison states (Minnesota had the highest percentage among Asian students at 8.2%). Among Black students in Massachusetts, the percentage was 1.0%. This was lower than the national average among Black students (1.7%) and lower than in all of the comparison states (Minnesota had the highest percentage among Black students at 3.9%). Among Hispanic students in Massachusetts, the percentage was 1.8%. This was higher than the national average among Hispanic students (1.3%) and higher than in five of the comparison states (Minnesota had the highest percentage among Hispanic students at 3.3%). Among White students in Massachusetts, the percentage was 1.8%. This



was higher than the national average among White students (1.5%) and higher than in seven of the comparison states (Illinois had the highest percentage among White students at 2.0%).

In 2008, female students earned 23.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 26.8% for degrees earned by female students and lower than the percentage in eight of the nine comparison states (New Jersey had the highest percentage of degrees earned by female students at 31.1%). Male students earned 76.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 73.2% for degrees earned by male students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by male students at 76.9%). Asian students earned 8.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 9.3% for degrees earned by Asian students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Asian students at 17.7%). Black students earned 2.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 5.9% for degrees earned by Black students and lower than the percentage in all of the comparison states (Minnesota had the highest percentage of degrees earned by Black students at 10.1%). Hispanic students earned 1.9% of the Certificates above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 2.9% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by Hispanic students at 3.0%). White students earned 32.4% of the Certificates above Bachelor's Degrees and Master's Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 31.2% for degrees earned by White students and higher than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 47.1%).

In 2008, 1.3% of all Doctor's and First Professional Degrees granted in Massachusetts were in Computer and Information Sciences. This percentage was higher than the national average (1.1%) and higher than the percentage in six of the nine comparison states (Pennsylvania had the highest percentage at 1.8%). Among female students in Massachusetts, the percentage was 0.5%. This was equal to the national average among female students (0.5%) but higher than in five of the comparison states (Pennsylvania had the highest percentage among female students at 0.9%). Among male students in Massachusetts, the percentage was 2.2%. This was higher than the national average among male students (1.7%) and higher than in seven of the comparison states (Pennsylvania had the highest percentage among male students at 2.8%). Among Asian students in Massachusetts, the percentage was 0.7%. This was higher than the national average among Asian students (0.6%) and higher than in five of the comparison states (North Carolina had the highest percentage among Asian students at 3.5%). Among Black students in Massachusetts, the percentage was 0.6%. This was higher than the national average among Black students (0.3%) and higher than in eight of the comparison states (Pennsylvania had the highest percentage among Black students at 0.7%). Among Hispanic students in Massachusetts, the percentage was 0.8%. This was higher than the national average among Hispanic students (0.2%) and higher than in eight of the comparison states (North Carolina had the highest percentage among Hispanic students at 1.2%). Among White students in Massachusetts, the percentage was 1.0%. This was higher than the national average among White students (0.5%) and higher than in all of the comparison states.

In 2008, female students earned 19.0% of the Doctor's and First Professional Degrees in Computer and Information Sciences granted in Massachusetts. This was lower than the national average of 22.1% for degrees earned by female students and lower than the percentage in seven of the nine comparison states (New Jersey had the highest percentage of degrees earned by female students at 30.0%). Male students earned 81.0% of the Doctor's and First Professional Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 77.9%



for degrees earned by male students and higher than the percentage in seven of the comparison states (Virginia had the highest percentage of degrees earned by male students at 82.9%). Asian students earned 6.0% of the Doctor's and First Professional Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 5.1% for degrees earned by Asian students and higher than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Asian students at 18.2%). Black students earned 2.0% of the Doctor's and First Professional Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 1.5% for degrees earned by Black students and higher than the percentage in six of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 2.9%). Hispanic students earned 2.0% of the Doctor's and First Professional Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 0.9% for degrees earned by Hispanic students and higher than the percentage in eight of the comparison states (North Carolina had the highest percentage of degrees earned by Hispanic students at 2.3%). White students earned 37.0% of the Doctor's and First Professional Degrees in Computer and Information Sciences granted in Massachusetts. This was higher than the national average of 26.4% for degrees earned by White students and higher than the percentage in all of the comparison states.

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.

Indicator 20: Number of college students who complete degrees in Engineering and Engineering Technologies/Technicians

Table III - 289: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	776	38,498	2,252	381	1,026	1,209	571	1,613	1,617	1,374	1,018
	2005	684	39,407	2,112	275	1,279	1,030	576	1,683	1,428	1,339	1,021
	2006	689	37,407	1,960	309	1,137	811	660	1,568	1,274	1,241	1,066
	2007	637	38,039	1,897	282	1,080	829	683	1,543	1,419	1,070	988
	2008	587	39,457	2,028	327	1,148	855	740	1,649	1,487	1,111	586
	# Change 04-08	-189	959	-224	-54	122	-354	169	36	-130	-263	-432
	% Change 04-08	-24.4%	2.5%	-9.9%	-14.2%	11.9%	-29.3%	29.6%	2.2%	-8.0%	-19.1%	-42.4%
Private Institutions	2004	506	25,663	3,658	293	1,218	269	579	1,561	22	1,836	929
	2005	378	21,335	2,572	196	787	221	430	1,110	5	1,615	776
	2006	296	18,192	1,513	186	635	222	286	811	2	1,405	631
	2007	461	17,888	1,197	182	504	201	199	1,150	1	1,345	583
	2008	422	18,937	1,278	205	668	294	213	915	0	1,348	589
	# Change 04-08	-84	-6,726	-2,380	-88	-550	25	-366	-646	-22	-488	-340
	% Change 04-08	-16.6%	-26.2%	-65.1%	-30.0%	-45.2%	9.3%	-63.2%	-41.4%	-100.0%	-26.6%	-36.6%
All Institutions	2004	1,282	64,161	5,910	674	2,244	1,478	1,150	3,174	1,639	3,210	1,947
	2005	1,062	60,742	4,684	471	2,066	1,251	1,006	2,793	1,433	2,954	1,797
	2006	985	55,599	3,473	495	1,772	1,033	946	2,379	1,276	2,646	1,697
	2007	1,098	55,927	3,094	464	1,584	1,030	882	2,693	1,420	2,415	1,571
	2008	1,009	58,394	3,306	532	1,816	1,149	953	2,564	1,487	2,459	1,175
	# Change 04-08	-273	-5,767	-2,604	-142	-428	-329	-197	-610	-152	-751	-772
	% Change 04-08	-21.3%	-9.0%	-44.1%	-21.1%	-19.1%	-22.3%	-17.1%	-19.2%	-9.3%	-23.4%	-39.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 290: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.9%	4.3%	1.8%	8.8%	2.1%	5.3%	4.0%	3.6%	5.3%	7.4%	6.5%
	2005	5.9%	4.2%	1.6%	6.1%	2.5%	4.5%	3.9%	3.7%	4.5%	6.9%	6.5%
	2006	6.0%	3.9%	1.6%	6.8%	2.3%	3.4%	4.3%	3.4%	4.0%	6.4%	6.7%
	2007	5.6%	3.9%	1.5%	5.9%	2.1%	3.4%	4.2%	3.3%	4.4%	5.4%	6.1%
	2008	5.0%	3.9%	1.5%	6.7%	2.2%	3.6%	4.3%	3.6%	4.4%	5.3%	3.3%
Private Institutions	2004	5.9%	5.5%	5.2%	4.5%	7.2%	4.3%	4.3%	4.1%	0.6%	6.5%	9.4%
	2005	3.8%	4.3%	3.5%	2.7%	3.4%	3.2%	3.0%	3.0%	0.1%	5.4%	7.4%
	2006	3.1%	3.6%	2.0%	2.5%	2.5%	3.3%	2.0%	2.3%	0.0%	4.3%	6.2%
	2007	4.7%	3.4%	1.5%	2.4%	2.1%	3.1%	1.5%	3.1%	0.0%	4.2%	5.5%
	2008	4.2%	3.4%	1.5%	2.7%	2.7%	4.2%	1.5%	2.6%	0.0%	4.2%	5.2%
All Institutions	2004	6.5%	4.7%	3.1%	6.2%	3.5%	5.1%	4.1%	3.9%	4.8%	6.9%	7.6%
	2005	4.9%	4.3%	2.3%	4.0%	2.8%	4.2%	3.4%	3.4%	4.0%	6.0%	6.9%
	2006	4.7%	3.8%	1.7%	4.2%	2.4%	3.4%	3.2%	2.9%	3.5%	5.1%	6.5%
	2007	5.2%	3.7%	1.5%	3.8%	2.1%	3.3%	3.0%	3.2%	3.8%	4.6%	5.8%
	2008	4.6%	3.7%	1.5%	4.2%	2.4%	3.8%	3.1%	3.2%	3.9%	4.6%	4.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 291: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	562	60,364	6,362	382	2,416	909	1,088	1,562	2,508	2,362	1,790
	2005	588	62,026	6,941	429	2,454	1,109	1,003	1,816	2,235	2,518	2,002
	2006	597	63,814	7,519	450	2,440	1,075	1,092	1,772	2,064	2,578	2,257
	2007	619	63,981	7,322	494	2,429	1,077	1,136	1,777	2,346	2,605	2,284
	2008	604	65,100	7,223	533	2,309	1,136	1,104	1,950	2,149	2,748	2,408
	# Change 04-08	42	4,736	861	151	-107	227	16	388	-359	386	618
	% Change 04-08	7.5%	7.8%	13.5%	39.5%	-4.4%	25.0%	1.5%	24.8%	-14.3%	16.3%	34.5%
Private Institutions	2004	2,156	20,037	1,634	252	1,086	61	497	3,289	352	2,057	55
	2005	2,043	19,692	1,571	262	931	58	520	3,408	317	2,196	45
	2006	2,238	19,525	1,374	222	921	71	450	3,433	282	2,119	37
	2007	2,230	19,955	1,326	294	902	55	416	3,698	273	2,249	41
	2008	2,355	20,382	1,381	297	891	78	523	3,766	282	2,319	51
	# Change 04-08	199	345	-253	45	-195	17	26	477	-70	262	-4
	% Change 04-08	9.2%	1.7%	-15.5%	17.9%	-18.0%	27.9%	5.2%	14.5%	-19.9%	12.7%	-7.3%
All Institutions	2004	2,718	80,401	7,996	634	3,502	970	1,585	4,851	2,860	4,419	1,845
	2005	2,631	81,718	8,512	691	3,385	1,167	1,523	5,224	2,552	4,714	2,047
	2006	2,835	83,339	8,893	672	3,361	1,146	1,542	5,205	2,346	4,697	2,294
	2007	2,849	83,936	8,648	788	3,331	1,132	1,552	5,475	2,619	4,854	2,325
	2008	2,959	85,482	8,604	830	3,200	1,214	1,627	5,716	2,431	5,067	2,459
	# Change 04-08	241	5,081	608	196	-302	244	42	865	-429	648	614
	% Change 04-08	8.9%	6.3%	7.6%	30.9%	-8.6%	25.2%	2.6%	17.8%	-15.0%	14.7%	33.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 292: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.0%	6.4%	5.8%	4.4%	7.4%	4.9%	4.9%	3.5%	8.5%	6.1%	6.3%
	2005	4.0%	6.3%	6.1%	4.8%	7.5%	5.9%	4.3%	3.8%	7.6%	6.2%	6.8%
	2006	4.0%	6.4%	6.4%	4.6%	7.4%	5.5%	4.6%	3.6%	6.9%	6.2%	7.4%
	2007	4.1%	6.3%	6.2%	5.0%	7.1%	5.4%	4.7%	3.5%	7.7%	6.2%	7.3%
	2008	3.9%	6.2%	5.9%	5.1%	6.6%	5.6%	4.5%	3.7%	6.7%	6.6%	7.5%
Private Institutions	2004	6.1%	3.7%	4.2%	2.7%	3.6%	0.5%	5.7%	4.8%	2.6%	4.9%	0.6%
	2005	5.8%	3.5%	3.9%	3.0%	2.7%	0.5%	5.6%	4.9%	2.4%	5.1%	0.5%
	2006	6.2%	3.4%	3.3%	2.4%	2.4%	0.6%	5.0%	5.0%	2.1%	4.8%	0.4%
	2007	6.1%	3.3%	3.1%	3.0%	2.3%	0.4%	4.5%	5.2%	2.0%	5.0%	0.4%
	2008	6.2%	3.3%	3.1%	3.0%	2.3%	0.6%	5.3%	5.2%	2.0%	5.0%	0.4%
All Institutions	2004	5.5%	5.4%	5.4%	3.6%	5.6%	3.2%	5.1%	4.3%	6.6%	5.5%	4.9%
	2005	5.3%	5.3%	5.5%	3.9%	5.0%	3.7%	4.7%	4.5%	5.9%	5.7%	5.2%
	2006	5.5%	5.3%	5.6%	3.5%	4.7%	3.6%	4.7%	4.4%	5.4%	5.5%	5.6%
	2007	5.5%	5.2%	5.4%	4.0%	4.5%	3.5%	4.7%	4.5%	5.9%	5.6%	5.5%
	2008	5.5%	5.1%	5.2%	4.1%	4.3%	3.6%	4.7%	4.6%	5.2%	5.8%	5.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 293: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	330	25,260	2,378	62	1,027	319	547	611	659	695	1,089
	2005	305	25,899	3,139	120	983	308	589	605	599	671	1,077
	2006	237	24,395	3,047	110	958	342	562	556	628	601	1,081
	2007	270	22,353	2,632	82	813	295	540	514	624	523	985
	2008	305	24,285	3,327	80	878	308	595	612	679	553	977
	# Change 04-08	-25	-975	949	18	-149	-11	48	1	20	-142	-112
	% Change 04-08	-7.6%	-3.9%	39.9%	29.0%	-14.5%	-3.4%	8.8%	0.2%	3.0%	-20.4%	-10.3%
Private Institutions	2004	1,487	10,756	2,130	332	601	33	492	1,793	77	858	0
	2005	1,250	10,650	1,989	349	541	151	588	1,817	77	897	1
	2006	1,234	10,908	2,118	395	574	70	642	1,846	101	977	0
	2007	1,209	11,206	2,120	364	559	58	650	1,840	133	1,100	2
	2008	1,268	12,301	2,197	572	617	82	693	2,002	165	1,184	202
	# Change 04-08	-219	1,545	67	240	16	49	201	209	88	326	202
	% Change 04-08	-14.7%	14.4%	3.1%	72.3%	2.7%	148.5%	40.9%	11.7%	114.3%	38.0%	N/A
All Institutions	2004	1,817	36,016	4,508	394	1,628	352	1,039	2,404	736	1,553	1,089
	2005	1,555	36,549	5,128	469	1,524	459	1,177	2,422	676	1,568	1,078
	2006	1,471	35,303	5,165	505	1,532	412	1,204	2,402	729	1,578	1,081
	2007	1,479	33,559	4,752	446	1,372	353	1,190	2,354	757	1,623	987
	2008	1,573	36,586	5,524	652	1,495	390	1,288	2,614	844	1,737	1,179
	# Change 04-08	-244	570	1,016	258	-133	38	249	210	108	184	90
	% Change 04-08	-13.4%	1.6%	22.5%	65.5%	-8.2%	10.8%	24.0%	8.7%	14.7%	11.8%	8.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 294: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.3%	8.4%	9.1%	1.9%	8.5%	7.2%	7.9%	3.1%	7.9%	6.9%	11.0%
	2005	5.7%	8.4%	11.3%	3.3%	8.3%	6.2%	8.2%	3.3%	7.0%	6.8%	10.2%
	2006	4.4%	7.8%	10.6%	3.0%	8.1%	6.6%	7.8%	2.9%	7.0%	5.9%	9.7%
	2007	4.9%	7.2%	9.6%	2.3%	6.9%	5.6%	7.4%	2.7%	6.7%	5.0%	8.8%
	2008	5.1%	7.5%	10.9%	2.0%	7.0%	5.4%	8.1%	3.2%	6.9%	5.1%	8.3%
Private Institutions	2004	6.1%	3.6%	6.0%	5.6%	2.6%	0.4%	8.5%	3.7%	2.3%	4.8%	0.0%
	2005	5.2%	3.4%	5.9%	5.5%	2.0%	1.6%	9.6%	3.9%	2.4%	4.9%	0.0%
	2006	5.0%	3.3%	6.0%	6.4%	2.0%	0.6%	10.0%	3.7%	2.8%	5.0%	0.0%
	2007	5.0%	3.3%	6.0%	6.0%	2.0%	0.5%	9.8%	3.6%	3.5%	5.4%	0.1%
	2008	4.9%	3.4%	6.0%	9.2%	2.1%	0.6%	9.8%	4.0%	4.2%	5.5%	4.6%
All Institutions	2004	6.2%	6.0%	7.3%	4.2%	4.6%	2.9%	8.2%	3.5%	6.3%	5.6%	8.6%
	2005	5.3%	5.9%	8.3%	4.7%	4.0%	3.2%	8.8%	3.7%	5.8%	5.6%	7.9%
	2006	4.9%	5.5%	8.1%	5.1%	3.8%	2.5%	8.8%	3.5%	5.8%	5.3%	7.6%
	2007	5.0%	5.1%	7.6%	4.7%	3.4%	2.0%	8.6%	3.4%	5.8%	5.2%	6.7%
	2008	5.0%	5.4%	8.3%	6.4%	3.6%	2.0%	8.9%	3.8%	6.1%	5.4%	7.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 295: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/ Technicians - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	41	4,314	454	34	160	86	105	77	129	146	186
	2005	34	4,750	521	38	206	100	89	117	132	172	206
	2006	43	5,443	634	52	187	126	99	120	148	211	233
	2007	61	5,976	661	52	249	125	116	119	186	188	249
	2008	68	6,029	721	53	271	113	111	137	154	203	263
	# Change 04-08	27	1,715	267	19	111	27	6	60	25	57	77
	% Change 04-08	65.9%	39.8%	58.8%	55.9%	69.4%	31.4%	5.7%	77.9%	19.4%	39.0%	41.4%
Private Institutions	2004	272	1,675	343	21	122	0	78	275	35	163	0
	2005	312	1,867	367	18	113	0	82	301	38	207	0
	2006	363	2,062	392	26	137	0	105	325	48	200	0
	2007	416	2,177	434	20	133	0	110	353	41	218	0
	2008	380	2,183	376	30	129	0	88	332	58	272	0
	# Change 04-08	108	508	33	9	7	0	10	57	23	109	0
	% Change 04-08	39.7%	30.3%	9.6%	42.9%	5.7%	N/A	12.8%	20.7%	65.7%	66.9%	N/A
All Institutions	2004	313	5,989	797	55	282	86	183	352	164	309	186
	2005	346	6,617	888	56	319	100	171	418	170	379	206
	2006	406	7,505	1,026	78	324	126	204	445	196	411	233
	2007	477	8,153	1,095	72	382	125	226	472	227	406	249
	2008	448	8,212	1,097	83	400	113	199	469	212	475	263
	# Change 04-08	135	2,223	300	28	118	27	16	117	48	166	77
	% Change 04-08	43.1%	37.1%	37.6%	50.9%	41.8%	31.4%	8.7%	33.2%	29.3%	53.7%	41.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 296: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.6%	6.7%	8.5%	5.5%	7.3%	6.6%	5.7%	3.1%	7.2%	4.8%	7.6%
	2005	6.4%	7.0%	9.7%	5.7%	8.7%	6.9%	5.0%	4.6%	7.1%	5.6%	8.2%
	2006	8.8%	7.7%	11.1%	6.8%	7.6%	8.2%	5.6%	4.5%	7.7%	6.6%	8.9%
	2007	10.8%	8.1%	11.0%	7.0%	9.9%	7.5%	6.3%	4.5%	9.4%	5.8%	9.5%
	2008	12.6%	7.9%	11.4%	7.4%	10.5%	7.2%	5.5%	5.0%	7.4%	6.0%	9.4%
Private Institutions	2004	4.4%	2.4%	3.8%	2.0%	2.6%	0.0%	7.7%	2.8%	2.6%	3.8%	0.0%
	2005	4.8%	2.5%	3.8%	1.7%	2.3%	0.0%	6.9%	2.9%	2.7%	4.3%	0.0%
	2006	5.3%	2.7%	4.1%	2.5%	2.7%	0.0%	9.3%	3.1%	3.4%	4.0%	0.0%
	2007	5.7%	2.7%	4.3%	1.9%	2.5%	0.0%	9.5%	3.3%	2.6%	4.2%	0.0%
	2008	5.5%	2.7%	3.7%	3.0%	2.4%	0.0%	8.2%	3.0%	3.7%	5.2%	0.0%
All Institutions	2004	4.7%	4.5%	5.6%	3.3%	4.1%	3.2%	6.4%	2.8%	5.2%	4.2%	5.1%
	2005	5.0%	4.7%	5.9%	3.3%	4.4%	3.3%	5.8%	3.2%	5.2%	4.8%	5.2%
	2006	5.5%	5.1%	6.7%	4.3%	4.3%	3.8%	7.0%	3.4%	5.9%	5.0%	5.7%
	2007	6.1%	5.3%	6.8%	4.0%	4.8%	3.2%	7.5%	3.6%	6.3%	4.8%	5.8%
	2008	6.0%	5.3%	6.7%	4.8%	5.0%	2.9%	6.4%	3.4%	5.8%	5.5%	5.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 297: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	126	6,160	325	72	155	210	51	197	226	146	156
	2005	105	6,051	343	39	175	146	71	242	171	130	150
	2006	100	5,662	250	54	148	149	66	226	205	115	183
	2007	74	5,678	281	37	176	124	86	178	187	121	138
	2008	89	5,934	328	36	178	115	86	206	193	115	95
	# Change 04-08	-37	-226	3	-36	23	-95	35	9	-33	-31	-61
	% Change 04-08	-29.4%	-3.7%	0.9%	-50.0%	14.8%	-45.2%	68.6%	4.6%	-14.6%	-21.2%	-39.1%
Private Institutions	2004	56	3,363	479	84	168	32	55	208	6	185	205
	2005	42	2,537	294	20	108	21	28	126	2	134	171
	2006	33	2,227	162	25	72	20	15	86	1	139	165
	2007	26	1,983	134	24	41	27	5	93	0	141	115
	2008	19	2,086	164	19	62	29	6	60	0	135	120
	# Change 04-08	-37	-1,277	-315	-65	-106	-3	-49	-148	-6	-50	-85
	% Change 04-08	-66.1%	-38.0%	-65.8%	-77.4%	-63.1%	-9.4%	-89.1%	-71.2%	-100.0%	-27.0%	-41.5%
All Institutions	2004	182	9,523	804	156	323	242	106	405	232	331	361
	2005	147	8,588	637	59	283	167	99	368	173	264	321
	2006	133	7,889	412	79	220	169	81	312	206	254	348
	2007	100	7,661	415	61	217	151	91	271	187	262	253
	2008	108	8,020	492	55	240	144	92	266	193	250	215
	# Change 04-08	-74	-1,503	-312	-101	-83	-98	-14	-139	-39	-81	-146
	% Change 04-08	-40.7%	-15.8%	-38.8%	-64.7%	-25.7%	-40.5%	-13.2%	-34.3%	-16.8%	-24.5%	-40.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 298: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.7%	1.2%	0.4%	2.5%	0.6%	1.6%	0.6%	0.7%	1.3%	1.3%	1.6%
	2005	1.4%	1.1%	0.4%	1.3%	0.6%	1.1%	0.7%	0.9%	0.9%	1.1%	1.5%
	2006	1.3%	1.0%	0.3%	1.8%	0.5%	1.0%	0.7%	0.8%	1.1%	0.9%	1.8%
	2007	1.0%	1.0%	0.4%	1.2%	0.6%	0.9%	0.8%	0.6%	0.9%	1.0%	1.3%
	2008	1.1%	1.0%	0.4%	1.1%	0.6%	0.8%	0.8%	0.7%	1.0%	0.9%	0.9%
Private Institutions	2004	0.9%	1.1%	1.0%	2.4%	1.7%	0.8%	0.7%	0.8%	0.3%	1.2%	3.0%
	2005	0.6%	0.8%	0.6%	0.5%	0.8%	0.5%	0.3%	0.5%	0.1%	0.8%	2.3%
	2006	0.5%	0.6%	0.3%	0.6%	0.4%	0.4%	0.2%	0.4%	0.0%	0.7%	2.2%
	2007	0.4%	0.6%	0.3%	0.6%	0.3%	0.6%	0.1%	0.4%	0.0%	0.7%	1.5%
	2008	0.3%	0.6%	0.3%	0.5%	0.4%	0.6%	0.1%	0.3%	0.0%	0.7%	1.5%
All Institutions	2004	1.3%	1.1%	0.7%	2.4%	0.9%	1.4%	0.6%	0.8%	1.1%	1.2%	2.2%
	2005	1.0%	1.0%	0.5%	0.8%	0.7%	0.9%	0.5%	0.7%	0.8%	0.9%	1.8%
	2006	0.9%	0.9%	0.3%	1.1%	0.5%	0.9%	0.4%	0.6%	0.9%	0.8%	1.9%
	2007	0.7%	0.8%	0.3%	0.8%	0.5%	0.8%	0.5%	0.5%	0.8%	0.8%	1.4%
	2008	0.7%	0.8%	0.4%	0.8%	0.5%	0.8%	0.5%	0.5%	0.8%	0.8%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 299: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	90	11,083	1,287	53	359	142	217	208	489	374	347
	2005	71	11,114	1,388	65	376	161	202	268	483	422	370
	2006	80	11,014	1,421	73	359	123	188	260	335	383	423
	2007	86	10,289	1,235	72	316	134	188	208	421	356	417
	2008	79	10,432	1,221	78	267	149	179	314	370	389	410
	# Change 04-08	-11	-651	-66	25	-92	7	-38	106	-119	15	63
	% Change 04-08	-12.2%	-5.9%	-5.1%	47.2%	-25.6%	4.9%	-17.5%	51.0%	-24.3%	4.0%	18.2%
Private Institutions	2004	575	4,228	349	35	207	8	127	705	97	433	18
	2005	498	4,070	326	58	164	9	146	698	78	501	7
	2006	598	4,139	312	37	183	13	116	686	74	462	9
	2007	572	4,121	275	52	159	7	102	720	65	510	9
	2008	628	4,223	281	51	166	16	123	745	71	513	16
	# Change 04-08	53	-5	-68	16	-41	8	-4	40	-26	80	-2
	% Change 04-08	9.2%	-0.1%	-19.5%	45.7%	-19.8%	100.0%	-3.1%	5.7%	-26.8%	18.5%	-11.1%
All Institutions	2004	665	15,311	1,636	88	566	150	344	913	586	807	365
	2005	569	15,184	1,714	123	540	170	348	966	561	923	377
	2006	678	15,153	1,733	110	542	136	304	946	409	845	432
	2007	658	14,410	1,510	124	475	141	290	928	486	866	426
	2008	707	14,655	1,502	129	433	165	302	1,059	441	902	426
	# Change 04-08	42	-656	-134	41	-133	15	-42	146	-145	95	61
	% Change 04-08	6.3%	-4.3%	-8.2%	46.6%	-23.5%	10.0%	-12.2%	16.0%	-24.7%	11.8%	16.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 300: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	2.0%	2.0%	1.1%	2.0%	1.4%	1.6%	0.8%	2.9%	1.7%	2.1%
	2005	0.8%	2.0%	2.1%	1.3%	2.1%	1.5%	1.5%	0.9%	2.8%	1.9%	2.2%
	2006	0.9%	1.9%	2.1%	1.3%	2.0%	1.1%	1.3%	0.9%	1.9%	1.7%	2.4%
	2007	1.0%	1.8%	1.8%	1.3%	1.7%	1.2%	1.4%	0.7%	2.4%	1.5%	2.3%
	2008	0.9%	1.8%	1.7%	1.3%	1.4%	1.3%	1.3%	1.0%	2.0%	1.7%	2.2%
Private Institutions	2004	2.8%	1.3%	1.6%	0.7%	1.2%	0.1%	2.5%	1.8%	1.2%	1.8%	0.3%
	2005	2.4%	1.3%	1.4%	1.1%	0.8%	0.1%	2.7%	1.8%	1.0%	2.0%	0.1%
	2006	2.8%	1.2%	1.3%	0.7%	0.8%	0.2%	2.2%	1.7%	0.9%	1.8%	0.1%
	2007	2.7%	1.2%	1.1%	0.9%	0.7%	0.1%	1.9%	1.7%	0.8%	2.0%	0.1%
	2008	2.8%	1.2%	1.1%	0.9%	0.7%	0.2%	2.2%	1.8%	0.8%	1.9%	0.2%
All Institutions	2004	2.3%	1.8%	1.9%	0.9%	1.6%	0.9%	1.9%	1.4%	2.3%	1.8%	1.7%
	2005	1.9%	1.7%	1.9%	1.2%	1.4%	0.9%	1.8%	1.4%	2.2%	2.0%	1.7%
	2006	2.3%	1.7%	1.9%	1.0%	1.3%	0.7%	1.6%	1.4%	1.6%	1.7%	1.8%
	2007	2.2%	1.5%	1.6%	1.1%	1.1%	0.7%	1.5%	1.3%	1.9%	1.8%	1.7%
	2008	2.3%	1.5%	1.6%	1.1%	1.0%	0.9%	1.5%	1.5%	1.6%	1.8%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 301: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	86	5,406	670	15	202	75	148	94	145	155	247
	2005	82	5,831	846	33	244	67	152	109	140	151	229
	2006	51	5,673	880	32	214	69	169	123	146	144	238
	2007	67	5,074	768	19	192	58	138	89	180	107	217
	2008	74	5,512	881	19	210	62	162	138	170	120	209
	# Change 04-08	-12	106	211	4	8	-13	14	44	25	-35	-38
	% Change 04-08	-14.0%	2.0%	31.5%	26.7%	4.0%	-17.3%	9.5%	46.8%	17.2%	-22.6%	-15.4%
Private Institutions	2004	371	2,413	512	54	117	6	122	386	17	165	0
	2005	318	2,452	442	64	125	21	138	390	26	195	0
	2006	292	2,517	476	85	118	16	154	429	24	213	0
	2007	276	2,519	494	75	117	16	143	378	37	254	1
	2008	335	2,902	530	99	126	20	149	501	53	277	27
	# Change 04-08	-36	489	18	45	9	14	27	115	36	112	27
	% Change 04-08	-9.7%	20.3%	3.5%	83.3%	7.7%	233.3%	22.1%	29.8%	211.8%	67.9%	N/A
All Institutions	2004	457	7,819	1,182	69	319	81	270	480	162	320	247
	2005	400	8,283	1,288	97	369	88	290	499	166	346	229
	2006	343	8,190	1,356	117	332	85	323	552	170	357	238
	2007	343	7,593	1,262	94	309	74	281	467	217	361	218
	2008	409	8,414	1,411	118	336	82	311	639	223	397	236
	# Change 04-08	-48	595	229	49	17	1	41	159	61	77	-11
	% Change 04-08	-10.5%	7.6%	19.4%	71.0%	5.3%	1.2%	15.2%	33.1%	37.7%	24.1%	-4.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 302: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.4%	3.0%	4.4%	0.7%	2.9%	2.9%	3.5%	0.7%	2.9%	2.5%	4.3%
	2005	2.3%	3.2%	5.4%	1.3%	3.5%	2.3%	3.3%	0.9%	2.7%	2.6%	3.6%
	2006	1.4%	3.0%	5.4%	1.3%	3.1%	2.3%	3.7%	1.0%	2.7%	2.3%	3.6%
	2007	1.8%	2.7%	4.8%	0.8%	2.8%	1.8%	3.0%	0.7%	3.1%	1.6%	3.2%
	2008	1.9%	2.8%	5.1%	0.7%	2.9%	1.9%	3.5%	1.1%	2.8%	1.8%	3.0%
Private Institutions	2004	2.6%	1.4%	2.5%	1.7%	0.9%	0.1%	4.1%	1.3%	1.1%	1.6%	0.0%
	2005	2.2%	1.3%	2.3%	1.8%	0.8%	0.3%	4.3%	1.4%	1.6%	1.8%	0.0%
	2006	2.0%	1.3%	2.3%	2.4%	0.7%	0.2%	4.8%	1.4%	1.3%	1.9%	0.0%
	2007	1.9%	1.2%	2.4%	2.1%	0.7%	0.2%	4.3%	1.2%	1.9%	2.1%	0.0%
	2008	2.2%	1.3%	2.5%	2.8%	0.7%	0.2%	4.3%	1.6%	2.5%	2.2%	1.0%
All Institutions	2004	2.6%	2.2%	3.3%	1.3%	1.6%	1.0%	3.7%	1.1%	2.4%	2.0%	3.3%
	2005	2.2%	2.2%	3.6%	1.6%	1.7%	0.9%	3.7%	1.2%	2.4%	2.1%	2.8%
	2006	1.9%	2.1%	3.7%	1.9%	1.5%	0.7%	4.1%	1.3%	2.3%	2.1%	2.8%
	2007	1.8%	1.9%	3.4%	1.6%	1.3%	0.6%	3.5%	1.1%	2.8%	1.9%	2.4%
	2008	2.1%	2.0%	3.7%	1.9%	1.4%	0.6%	3.8%	1.5%	2.7%	2.1%	2.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 303: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	746	79	8	20	14	26	16	31	24	27
	2005	4	850	100	11	30	16	17	25	32	20	37
	2006	8	1,036	126	18	27	30	24	22	37	44	53
	2007	16	1,207	146	14	36	24	29	24	41	45	41
	2008	10	1,238	176	8	46	19	34	28	29	42	56
	# Change 04-08	3	492	97	0	26	5	8	12	-2	18	29
	% Change 04-08	42.9%	66.0%	122.8%	0.0%	130.0%	35.7%	30.8%	75.0%	-6.5%	75.0%	107.4%
Private Institutions	2004	68	313	52	3	23	0	16	39	10	29	0
	2005	73	385	77	7	22	0	15	47	12	37	0
	2006	91	475	78	4	32	0	27	75	10	47	0
	2007	88	495	82	6	38	0	23	86	14	56	0
	2008	98	521	83	11	32	0	24	55	22	73	0
	# Change 04-08	30	208	31	8	9	0	8	16	12	44	0
	% Change 04-08	44.1%	66.5%	59.6%	266.7%	39.1%	N/A	50.0%	41.0%	120.0%	151.7%	N/A
All Institutions	2004	75	1,059	131	11	43	14	42	55	41	53	27
	2005	77	1,235	177	18	52	16	32	72	44	57	37
	2006	99	1,511	204	22	59	30	51	97	47	91	53
	2007	104	1,702	228	20	74	24	52	110	55	101	41
	2008	108	1,759	259	19	78	19	58	83	51	115	56
	# Change 04-08	33	700	128	8	35	5	16	28	10	62	29
	% Change 04-08	44.0%	66.1%	97.7%	72.7%	81.4%	35.7%	38.1%	50.9%	24.4%	117.0%	107.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 304: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.4%	2.4%	3.0%	2.5%	1.9%	2.0%	2.9%	1.3%	3.3%	1.6%	2.3%
	2005	1.4%	2.5%	3.8%	3.2%	2.6%	2.3%	1.9%	1.9%	3.2%	1.4%	3.2%
	2006	3.4%	3.0%	4.6%	4.4%	2.3%	3.8%	2.7%	1.6%	3.7%	2.7%	4.2%
	2007	5.5%	3.3%	5.0%	3.6%	3.1%	2.8%	3.2%	1.8%	3.9%	2.7%	3.3%
	2008	3.9%	3.2%	5.7%	2.2%	3.8%	2.3%	3.2%	1.9%	2.6%	2.5%	4.2%
Private Institutions	2004	2.2%	1.0%	1.2%	0.6%	1.0%	0.0%	3.7%	0.8%	1.7%	1.4%	0.0%
	2005	2.3%	1.1%	1.6%	1.4%	0.9%	0.0%	3.0%	0.9%	1.8%	1.5%	0.0%
	2006	2.6%	1.3%	1.7%	0.8%	1.3%	0.0%	5.9%	1.4%	1.5%	1.8%	0.0%
	2007	2.4%	1.3%	1.6%	1.2%	1.4%	0.0%	4.7%	1.6%	1.9%	2.0%	0.0%
	2008	2.8%	1.3%	1.6%	2.2%	1.2%	0.0%	5.1%	1.0%	2.8%	2.5%	0.0%
All Institutions	2004	2.2%	1.6%	1.9%	1.4%	1.3%	1.0%	3.2%	0.9%	2.7%	1.5%	1.5%
	2005	2.2%	1.8%	2.4%	2.2%	1.5%	1.1%	2.3%	1.1%	2.6%	1.4%	1.9%
	2006	2.7%	2.1%	2.8%	2.4%	1.6%	1.7%	3.8%	1.4%	2.8%	2.2%	2.7%
	2007	2.6%	2.2%	2.9%	2.2%	1.9%	1.1%	3.7%	1.6%	3.1%	2.2%	2.0%
	2008	2.8%	2.2%	3.2%	2.2%	2.0%	0.9%	3.8%	1.2%	2.7%	2.5%	2.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 305: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Male Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	650	32,338	1,927	309	871	999	520	1,416	1,391	1,228	862
	2005	579	33,356	1,769	236	1,104	884	505	1,441	1,257	1,209	871
	2006	589	31,745	1,710	255	989	662	594	1,342	1,069	1,126	883
	2007	563	32,361	1,616	245	904	705	597	1,365	1,232	949	850
	2008	498	33,523	1,700	291	970	740	654	1,443	1,294	996	491
	# Change 04-08	-152	1,185	-227	-18	99	-259	134	27	-97	-232	-371
	% Change 04-08	-23.4%	3.7%	-11.8%	-5.8%	11.4%	-25.9%	25.8%	1.9%	-7.0%	-18.9%	-43.0%
Private Institutions	2004	450	22,300	3,179	209	1,050	237	524	1,353	16	1,651	724
	2005	336	18,798	2,278	176	679	200	402	984	3	1,481	605
	2006	263	15,965	1,351	161	563	202	271	725	1	1,266	466
	2007	435	15,905	1,063	158	463	174	194	1,057	1	1,204	468
	2008	403	16,851	1,114	186	606	265	207	855	0	1,213	469
	# Change 04-08	-47	-5,449	-2,065	-23	-444	28	-317	-498	-16	-438	-255
	% Change 04-08	-10.4%	-24.4%	-65.0%	-11.0%	-42.3%	11.8%	-60.5%	-36.8%	-100.0%	-26.5%	-35.2%
All Institutions	2004	1,100	54,638	5,106	518	1,921	1,236	1,044	2,769	1,407	2,879	1,586
	2005	915	52,154	4,047	412	1,783	1,084	907	2,425	1,260	2,690	1,476
	2006	852	47,710	3,061	416	1,552	864	865	2,067	1,070	2,392	1,349
	2007	998	48,266	2,679	403	1,367	879	791	2,422	1,233	2,153	1,318
	2008	901	50,374	2,814	477	1,576	1,005	861	2,298	1,294	2,209	960
	# Change 04-08	-199	-4,264	-2,292	-41	-345	-231	-183	-471	-113	-670	-626
	% Change 04-08	-18.1%	-7.8%	-44.9%	-7.9%	-18.0%	-18.7%	-17.5%	-17.0%	-8.0%	-23.3%	-39.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 306: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17.2%	9.0%	3.9%	21.3%	4.2%	9.9%	10.1%	8.7%	11.0%	17.0%	15.0%
	2005	14.8%	8.7%	3.4%	16.0%	4.9%	9.2%	9.3%	8.5%	9.7%	16.8%	15.3%
	2006	14.9%	8.3%	3.5%	17.2%	4.8%	7.1%	10.5%	7.9%	8.5%	15.4%	15.7%
	2007	14.0%	8.0%	3.1%	15.2%	4.1%	7.2%	9.9%	7.9%	9.6%	13.0%	14.2%
	2008	12.4%	8.1%	3.2%	16.8%	4.3%	7.7%	9.9%	8.4%	9.5%	12.9%	7.4%
Private Institutions	2004	19.2%	13.8%	13.9%	7.2%	14.5%	11.4%	10.2%	10.5%	1.0%	13.0%	23.8%
	2005	13.8%	11.4%	9.4%	5.4%	7.6%	8.7%	8.2%	8.0%	0.2%	11.5%	19.9%
	2006	12.1%	9.5%	5.3%	4.9%	6.6%	11.3%	5.7%	6.3%	0.1%	9.1%	17.2%
	2007	15.6%	9.4%	4.3%	4.6%	5.9%	10.0%	4.8%	8.5%	0.1%	9.2%	16.3%
	2008	13.9%	9.3%	4.2%	5.2%	7.0%	12.9%	4.5%	7.0%	0.0%	9.1%	15.3%
All Institutions	2004	18.0%	10.5%	7.1%	11.8%	6.9%	10.1%	10.1%	9.5%	9.9%	14.5%	18.0%
	2005	14.4%	9.6%	5.3%	8.7%	5.7%	9.1%	8.8%	8.3%	8.5%	13.4%	16.9%
	2006	13.9%	8.7%	4.1%	8.7%	5.3%	7.8%	8.3%	7.3%	7.4%	11.3%	16.2%
	2007	14.7%	8.4%	3.5%	7.9%	4.6%	7.7%	7.9%	8.1%	8.4%	10.6%	14.9%
	2008	13.0%	8.5%	3.5%	9.0%	5.1%	8.6%	7.7%	7.8%	8.3%	10.5%	9.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 307: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Male Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	472	49,281	5,075	329	2,057	767	871	1,354	2,019	1,988	1,443
	2005	517	50,912	5,553	364	2,078	948	801	1,548	1,752	2,096	1,632
	2006	517	52,800	6,098	377	2,081	952	904	1,512	1,729	2,195	1,834
	2007	533	53,692	6,087	422	2,113	943	948	1,569	1,925	2,249	1,867
	2008	525	54,668	6,002	455	2,042	987	925	1,636	1,779	2,359	1,998
	# Change 04-08	53	5,387	927	126	-15	220	54	282	-240	371	555
	% Change 04-08	11.2%	10.9%	18.3%	38.3%	-0.7%	28.7%	6.2%	20.8%	-11.9%	18.7%	38.5%
Private Institutions	2004	1,581	15,809	1,285	217	879	53	370	2,584	255	1,624	37
	2005	1,545	15,622	1,245	204	767	49	374	2,710	239	1,695	38
	2006	1,640	15,386	1,062	185	738	58	334	2,747	208	1,657	28
	2007	1,658	15,834	1,051	242	743	48	314	2,978	208	1,739	32
	2008	1,727	16,159	1,100	246	725	62	400	3,021	211	1,806	35
	# Change 04-08	146	350	-185	29	-154	9	30	437	-44	182	-2
	% Change 04-08	9.2%	2.2%	-14.4%	13.4%	-17.5%	17.0%	8.1%	16.9%	-17.3%	11.2%	-5.4%
All Institutions	2004	2,053	65,090	6,360	546	2,936	820	1,241	3,938	2,274	3,612	1,480
	2005	2,062	66,534	6,798	568	2,845	997	1,175	4,258	1,991	3,791	1,670
	2006	2,157	68,186	7,160	562	2,819	1,010	1,238	4,259	1,937	3,852	1,862
	2007	2,191	69,526	7,138	664	2,856	991	1,262	4,547	2,133	3,988	1,899
	2008	2,252	70,827	7,102	701	2,767	1,049	1,325	4,657	1,990	4,165	2,033
	# Change 04-08	199	5,737	742	155	-169	229	84	719	-284	553	553
	% Change 04-08	9.7%	8.8%	11.7%	28.4%	-5.8%	27.9%	6.8%	18.3%	-12.5%	15.3%	37.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 308: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.0%	12.2%	11.2%	9.0%	13.8%	9.6%	9.5%	7.3%	16.0%	11.8%	11.9%
	2005	8.5%	12.2%	11.8%	9.2%	13.8%	11.6%	8.4%	7.7%	14.1%	11.8%	12.8%
	2006	8.2%	12.3%	12.5%	9.1%	13.7%	11.2%	9.2%	7.5%	14.0%	11.9%	14.0%
	2007	8.2%	12.2%	12.2%	10.0%	13.1%	10.8%	9.2%	7.4%	14.9%	12.0%	13.9%
	2008	7.8%	12.1%	11.6%	10.3%	12.6%	11.0%	8.8%	7.5%	13.3%	12.4%	14.4%
Private Institutions	2004	10.5%	6.9%	7.5%	5.6%	7.2%	1.2%	10.1%	8.9%	4.6%	9.2%	1.0%
	2005	10.7%	6.7%	7.0%	5.5%	5.3%	1.0%	9.8%	9.1%	4.5%	9.4%	1.0%
	2006	11.0%	6.4%	6.0%	4.7%	4.7%	1.2%	8.8%	9.8%	4.0%	9.0%	0.7%
	2007	10.9%	6.3%	5.9%	6.0%	4.7%	0.9%	7.8%	9.8%	3.8%	9.2%	0.8%
	2008	10.9%	6.3%	5.8%	5.8%	4.8%	1.1%	9.4%	9.9%	3.8%	9.5%	0.7%
All Institutions	2004	9.8%	10.3%	10.2%	7.3%	10.8%	6.6%	9.7%	8.2%	12.5%	10.4%	9.5%
	2005	10.1%	10.2%	10.5%	7.5%	9.7%	7.6%	8.8%	8.5%	11.2%	10.6%	10.1%
	2006	10.2%	10.2%	10.8%	6.9%	9.1%	7.5%	9.1%	8.8%	11.0%	10.4%	10.8%
	2007	10.1%	10.1%	10.5%	8.0%	9.0%	7.2%	8.8%	8.8%	11.6%	10.6%	10.8%
	2008	10.0%	10.0%	10.0%	8.1%	8.8%	7.3%	9.0%	8.9%	10.5%	10.9%	10.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 309: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Male Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	244	19,854	1,708	47	825	244	399	517	514	540	842
	2005	223	20,068	2,293	87	739	241	437	496	459	520	848
	2006	186	18,722	2,167	78	744	273	393	433	482	457	843
	2007	203	17,279	1,864	63	621	237	402	425	444	416	768
	2008	231	18,773	2,446	61	668	246	433	474	509	433	768
	# Change 04-08	-13	-1,081	738	14	-157	2	34	-43	-5	-107	-74
	% Change 04-08	-5.3%	-5.4%	43.2%	29.8%	-19.0%	0.8%	8.5%	-8.3%	-1.0%	-19.8%	-8.8%
Private Institutions	2004	1,116	8,343	1,618	278	484	27	370	1,407	60	693	0
	2005	932	8,198	1,547	285	416	130	450	1,427	51	702	1
	2006	942	8,391	1,642	310	456	54	488	1,417	77	764	0
	2007	933	8,687	1,626	289	442	42	507	1,462	96	846	1
	2008	933	9,399	1,667	473	491	62	544	1,501	112	907	175
	# Change 04-08	-183	1,056	49	195	7	35	174	94	52	214	175
	% Change 04-08	-16.4%	12.7%	3.0%	70.1%	1.4%	129.6%	47.0%	6.7%	86.7%	30.9%	N/A
All Institutions	2004	1,360	28,197	3,326	325	1,309	271	769	1,924	574	1,233	842
	2005	1,155	28,266	3,840	372	1,155	371	887	1,923	510	1,222	849
	2006	1,128	27,113	3,809	388	1,200	327	881	1,850	559	1,221	843
	2007	1,136	25,966	3,490	352	1,063	279	909	1,887	540	1,262	769
	2008	1,164	28,172	4,113	534	1,159	308	977	1,975	621	1,340	943
	# Change 04-08	-196	-25	787	209	-150	37	208	51	47	107	101
	% Change 04-08	-14.4%	-0.1%	23.7%	64.3%	-11.5%	13.7%	27.0%	2.7%	8.2%	8.7%	12.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 310: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14.1%	16.5%	15.8%	4.1%	16.5%	13.2%	14.9%	7.8%	15.6%	13.7%	20.5%
	2005	12.6%	16.3%	19.2%	7.3%	15.2%	12.1%	16.6%	7.6%	13.9%	13.0%	20.0%
	2006	10.9%	15.1%	17.4%	6.6%	15.0%	12.5%	15.0%	6.5%	14.1%	11.8%	18.7%
	2007	10.9%	14.2%	16.5%	5.3%	12.8%	11.1%	15.0%	6.4%	12.8%	10.5%	17.4%
	2008	11.2%	14.7%	18.5%	4.4%	12.7%	10.3%	16.0%	7.1%	13.7%	10.3%	16.2%
Private Institutions	2004	11.2%	6.7%	10.9%	10.3%	4.6%	1.2%	13.1%	7.6%	3.6%	9.1%	0.0%
	2005	9.4%	6.5%	10.9%	10.3%	3.6%	4.9%	15.4%	7.8%	3.2%	9.0%	0.1%
	2006	9.4%	6.3%	11.2%	11.9%	3.7%	1.8%	15.1%	7.4%	4.5%	9.1%	0.0%
	2007	9.9%	6.4%	11.3%	11.2%	3.7%	1.3%	15.4%	7.6%	5.2%	10.1%	0.1%
	2008	9.1%	6.7%	11.0%	17.5%	4.0%	1.8%	15.1%	8.2%	6.0%	10.4%	10.0%
All Institutions	2004	11.6%	11.5%	13.0%	8.5%	8.4%	6.6%	14.0%	7.7%	11.6%	10.6%	16.4%
	2005	9.9%	11.3%	14.7%	9.4%	7.0%	8.0%	16.0%	7.8%	10.4%	10.4%	15.8%
	2006	9.7%	10.5%	14.1%	10.2%	7.0%	6.4%	15.0%	7.1%	10.9%	10.0%	14.9%
	2007	10.0%	10.1%	13.6%	9.4%	6.3%	5.3%	15.2%	7.3%	10.2%	10.2%	13.5%
	2008	9.4%	10.5%	14.5%	13.1%	6.7%	5.2%	15.5%	7.9%	11.1%	10.4%	14.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 311: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Male Students (MASSIP 2009 Indicator 20)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	34	3,568	375	26	140	72	79	61	98	122	159
	2005	30	3,900	421	27	176	84	72	92	100	152	169
	2006	35	4,407	508	34	160	96	75	98	111	167	180
	2007	45	4,769	515	38	213	101	87	95	145	143	208
	2008	58	4,791	545	45	225	94	77	109	125	161	207
	# Change 04-08	24	1,223	170	19	85	22	-2	48	27	39	48
	% Change 04-08	70.6%	34.3%	45.3%	73.1%	60.7%	30.6%	-2.5%	78.7%	27.6%	32.0%	30.2%
Private Institutions	2004	204	1,362	291	18	99	0	62	236	25	134	0
	2005	239	1,482	290	11	91	0	67	254	26	170	0
	2006	272	1,587	314	22	105	0	78	250	38	153	0
	2007	328	1,682	352	14	95	0	87	267	27	162	0
	2008	282	1,662	293	19	97	0	64	277	36	199	0
	# Change 04-08	78	300	2	1	-2	0	2	41	11	65	0
	% Change 04-08	38.2%	22.0%	0.7%	5.6%	-2.0%	N/A	3.2%	17.4%	44.0%	48.5%	N/A
All Institutions	2004	238	4,930	666	44	239	72	141	297	123	256	159
	2005	269	5,382	711	38	267	84	139	346	126	322	169
	2006	307	5,994	822	56	265	96	153	348	149	320	180
	2007	373	6,451	867	52	308	101	174	362	172	305	208
	2008	340	6,453	838	64	322	94	141	386	161	360	207
	# Change 04-08	102	1,523	172	20	83	22	0	89	38	104	48
	% Change 04-08	42.9%	30.9%	25.8%	45.5%	34.7%	30.6%	0.0%	30.0%	30.9%	40.6%	30.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 312: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 20)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	13.6%	10.9%	14.0%	9.0%	12.1%	11.6%	8.4%	5.0%	11.6%	7.9%	12.5%
	2005	12.0%	11.4%	15.2%	8.4%	14.5%	11.1%	8.1%	7.3%	11.6%	9.3%	12.6%
	2006	13.7%	12.4%	17.3%	9.4%	12.2%	13.0%	8.6%	7.7%	12.1%	10.4%	13.4%
	2007	16.5%	13.0%	16.7%	10.7%	15.9%	12.7%	9.2%	7.2%	15.4%	9.0%	15.2%
	2008	20.4%	12.7%	16.8%	13.0%	16.3%	13.1%	8.0%	8.3%	13.0%	9.6%	14.1%
Private Institutions	2004	6.6%	3.8%	6.3%	3.2%	4.1%	0.0%	10.5%	4.8%	3.3%	6.2%	0.0%
	2005	7.4%	3.9%	5.8%	2.0%	3.6%	0.0%	9.6%	4.9%	3.4%	7.2%	0.0%
	2006	8.0%	4.1%	6.4%	4.2%	4.1%	0.0%	11.7%	4.8%	5.1%	6.3%	0.0%
	2007	9.1%	4.2%	7.0%	2.6%	3.5%	0.0%	12.8%	5.1%	3.2%	7.0%	0.0%
	2008	8.4%	4.2%	5.9%	3.8%	3.6%	0.0%	10.6%	5.1%	4.6%	8.3%	0.0%
All Institutions	2004	7.1%	7.2%	9.1%	5.2%	6.7%	5.6%	9.2%	4.9%	7.7%	6.9%	8.3%
	2005	7.7%	7.5%	9.1%	4.4%	7.1%	5.6%	8.8%	5.3%	7.8%	8.1%	8.3%
	2006	8.4%	8.1%	10.5%	6.3%	6.8%	6.0%	9.9%	5.4%	9.0%	8.0%	8.5%
	2007	9.7%	8.4%	10.7%	5.8%	7.6%	5.7%	10.7%	5.5%	9.7%	7.8%	9.2%
	2008	9.3%	8.3%	10.2%	7.5%	7.9%	5.5%	9.0%	5.7%	9.3%	8.8%	8.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 313: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	52	1,479	283	23	35	43	32	71	28	24	30
	2005	49	1,507	287	20	39	35	27	76	25	31	30
	2006	33	1,411	286	8	30	25	51	86	18	22	51
	2007	41	1,515	243	20	36	23	39	94	29	31	39
	2008	39	1,646	220	11	28	36	34	90	33	35	24
	# Change 04-08	-13	167	-63	-12	-7	-7	2	19	5	11	-6
	% Change 04-08	-25.0%	11.3%	-22.3%	-52.2%	-20.0%	-16.3%	6.3%	26.8%	17.9%	45.8%	-20.0%
Private Institutions	2004	24	1,198	532	4	45	19	20	78	0	18	32
	2005	16	765	263	0	31	14	26	63	0	15	13
	2006	9	582	191	3	23	20	21	51	0	14	22
	2007	30	607	170	2	20	8	8	64	0	17	18
	2008	27	592	151	4	13	7	7	42	0	17	26
	# Change 04-08	3	-606	-381	0	-32	-12	-13	-36	0	-1	-6
	% Change 04-08	12.5%	-50.6%	-71.6%	0.0%	-71.1%	-63.2%	-65.0%	-46.2%	N/A	-5.6%	-18.8%
All Institutions	2004	76	2,677	815	27	80	62	52	149	28	42	62
	2005	65	2,272	550	20	70	49	53	139	25	46	43
	2006	42	1,993	477	11	53	45	72	137	18	36	73
	2007	71	2,122	413	22	56	31	47	158	29	48	57
	2008	66	2,238	371	15	41	43	41	132	33	52	50
	# Change 04-08	-10	-439	-444	-12	-39	-19	-11	-17	5	10	-12
	% Change 04-08	-13.2%	-16.4%	-54.5%	-44.4%	-48.8%	-30.6%	-21.2%	-11.4%	17.9%	23.8%	-19.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 314: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	11.5%	3.6%	1.7%	16.1%	1.3%	7.4%	3.5%	3.9%	6.0%	6.4%	4.4%
	2005	11.0%	3.6%	1.6%	15.7%	1.5%	5.9%	3.0%	3.6%	5.2%	7.0%	4.3%
	2006	7.3%	3.2%	1.6%	7.4%	1.3%	3.5%	4.8%	3.8%	3.6%	5.0%	7.2%
	2007	8.5%	3.3%	1.2%	13.5%	1.3%	2.9%	4.1%	4.4%	5.5%	6.4%	4.3%
	2008	8.4%	3.4%	1.1%	7.7%	1.0%	4.8%	3.4%	4.0%	6.2%	6.2%	2.7%
Private Institutions	2004	7.4%	5.9%	6.3%	5.5%	8.5%	6.5%	4.3%	3.8%	0.0%	4.0%	9.9%
	2005	4.4%	3.8%	3.0%	0.0%	5.5%	4.5%	4.5%	3.3%	0.0%	3.8%	4.2%
	2006	2.5%	2.7%	2.0%	3.2%	3.2%	5.2%	3.8%	2.5%	0.0%	2.9%	6.9%
	2007	9.1%	2.9%	1.9%	1.7%	3.1%	2.4%	1.5%	2.9%	0.0%	3.8%	5.7%
	2008	7.1%	2.6%	1.5%	2.4%	1.9%	1.6%	1.1%	1.9%	0.0%	3.4%	8.1%
All Institutions	2004	9.8%	4.4%	3.2%	12.5%	2.5%	7.1%	3.8%	3.9%	5.4%	5.1%	6.1%
	2005	8.1%	3.6%	2.1%	10.1%	2.2%	5.4%	3.6%	3.5%	4.5%	5.5%	4.3%
	2006	5.2%	3.1%	1.7%	5.5%	1.7%	4.1%	4.5%	3.2%	3.1%	3.9%	7.1%
	2007	8.7%	3.2%	1.4%	8.3%	1.6%	2.8%	3.2%	3.6%	4.8%	5.1%	4.7%
	2008	7.8%	3.1%	1.2%	4.9%	1.2%	3.7%	2.5%	2.9%	5.3%	4.9%	4.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 315: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43	6,287	2,354	39	325	63	227	182	211	104	163
	2005	55	6,906	2,744	24	331	72	234	218	147	126	287
	2006	41	7,112	2,837	38	328	77	246	235	111	132	262
	2007	54	7,115	2,700	46	316	88	303	227	156	131	293
	2008	50	6,925	2,645	35	287	75	248	246	111	128	293
	# Change 04-08	7	638	291	-4	-38	12	21	64	-100	24	130
	% Change 04-08	16.3%	10.1%	12.4%	-10.3%	-11.7%	19.0%	9.3%	35.2%	-47.4%	23.1%	79.8%
Private Institutions	2004	286	2,303	474	18	137	1	86	533	83	242	1
	2005	271	2,317	488	17	130	1	84	555	62	256	1
	2006	313	2,368	422	9	145	3	80	561	75	259	1
	2007	314	2,287	400	9	117	2	66	591	61	252	3
	2008	298	2,300	367	17	121	5	86	571	70	266	0
	# Change 04-08	12	-3	-107	-1	-16	4	0	38	-13	24	-1
	% Change 04-08	4.2%	-0.1%	-22.6%	-5.6%	-11.7%	400.0%	0.0%	7.1%	-15.7%	9.9%	-100.0%
All Institutions	2004	329	8,590	2,828	57	462	64	313	715	294	346	164
	2005	326	9,223	3,232	41	461	73	318	773	209	382	288
	2006	354	9,480	3,259	47	473	80	326	796	186	391	263
	2007	368	9,402	3,100	55	433	90	369	818	217	383	296
	2008	348	9,225	3,012	52	408	80	334	817	181	394	293
	# Change 04-08	19	635	184	-5	-54	16	21	102	-113	48	129
	% Change 04-08	5.8%	7.4%	6.5%	-8.8%	-11.7%	25.0%	6.7%	14.3%	-38.4%	13.9%	78.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 316: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.2%	9.8%	9.2%	11.0%	13.5%	10.3%	10.1%	4.6%	21.1%	9.3%	11.0%
	2005	7.9%	10.1%	10.1%	6.6%	14.1%	10.7%	9.7%	4.9%	15.5%	10.0%	13.1%
	2006	5.7%	9.8%	10.0%	9.1%	13.5%	9.9%	10.4%	5.3%	11.4%	9.8%	11.7%
	2007	7.1%	9.6%	9.5%	9.8%	12.7%	10.1%	11.7%	5.1%	14.9%	9.2%	12.4%
	2008	6.7%	9.1%	8.8%	7.9%	11.7%	7.9%	9.7%	5.0%	9.9%	9.3%	12.0%
Private Institutions	2004	10.0%	8.3%	9.2%	4.2%	6.8%	0.3%	15.8%	10.8%	19.4%	10.2%	0.6%
	2005	9.4%	8.1%	9.0%	3.7%	6.0%	0.3%	15.0%	11.4%	17.5%	10.7%	0.5%
	2006	10.2%	7.9%	7.8%	1.9%	6.6%	0.8%	13.7%	10.8%	17.3%	10.6%	0.5%
	2007	10.3%	7.4%	7.1%	1.9%	5.0%	0.5%	12.4%	11.0%	12.7%	10.6%	1.4%
	2008	9.5%	7.1%	6.5%	3.3%	5.0%	0.9%	15.2%	10.5%	14.0%	10.2%	0.0%
All Institutions	2004	9.5%	9.3%	9.2%	7.3%	10.5%	6.6%	11.2%	8.0%	20.6%	9.9%	10.0%
	2005	9.1%	9.5%	9.9%	5.0%	10.2%	6.9%	10.7%	8.3%	16.0%	10.5%	12.1%
	2006	9.4%	9.3%	9.7%	5.3%	10.2%	6.8%	11.1%	8.3%	13.2%	10.3%	10.7%
	2007	9.7%	8.9%	9.1%	5.8%	9.0%	6.9%	11.8%	8.3%	14.2%	10.1%	11.5%
	2008	9.0%	8.5%	8.5%	5.5%	8.4%	5.4%	10.7%	7.9%	11.2%	9.9%	10.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 317: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15	1,953	561	0	82	10	58	35	35	41	39
	2005	14	2,136	685	4	93	14	78	39	45	32	93
	2006	15	2,172	732	7	70	14	72	32	33	35	104
	2007	19	2,265	767	5	68	16	74	34	35	27	154
	2008	20	2,267	875	9	57	17	66	44	42	24	81
	# Change 04-08	5	314	314	9	-25	7	8	9	7	-17	42
	% Change 04-08	33.3%	16.1%	56.0%	N/A	-30.5%	70.0%	13.8%	25.7%	20.0%	-41.5%	107.7%
Private Institutions	2004	182	1,201	358	13	56	3	62	198	33	82	0
	2005	110	1,132	341	12	37	19	83	181	32	96	0
	2006	124	1,196	378	22	23	3	69	210	40	85	0
	2007	121	1,269	418	14	37	4	60	201	44	115	0
	2008	110	1,483	394	40	42	8	54	191	76	113	186
	# Change 04-08	-72	282	36	27	-14	5	-8	-7	43	31	186
	% Change 04-08	-39.6%	23.5%	10.1%	207.7%	-25.0%	166.7%	-12.9%	-3.5%	130.3%	37.8%	N/A
All Institutions	2004	197	3,154	919	13	138	13	120	233	68	123	39
	2005	124	3,268	1,026	16	130	33	161	220	77	128	93
	2006	139	3,368	1,110	29	93	17	141	242	73	120	104
	2007	140	3,534	1,185	19	105	20	134	235	79	142	154
	2008	130	3,750	1,269	49	99	25	120	235	118	137	267
	# Change 04-08	-67	596	350	36	-39	12	0	2	50	14	228
	% Change 04-08	-34.0%	18.9%	38.1%	276.9%	-28.3%	92.3%	0.0%	0.9%	73.5%	11.4%	584.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 318: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	11.6%	14.5%	16.1%	0.0%	16.4%	7.3%	11.4%	4.1%	12.2%	12.0%	16.7%
	2005	8.2%	14.5%	17.4%	4.5%	16.9%	10.1%	14.2%	4.5%	14.3%	9.6%	18.1%
	2006	8.7%	14.3%	17.1%	7.0%	13.3%	7.4%	13.6%	3.7%	12.2%	10.3%	19.4%
	2007	9.7%	14.0%	17.7%	6.3%	11.3%	8.0%	12.6%	3.7%	12.3%	9.1%	20.6%
	2008	9.4%	13.8%	18.8%	7.9%	10.1%	6.9%	11.2%	4.4%	17.5%	8.2%	14.7%
Private Institutions	2004	14.5%	7.6%	9.4%	4.4%	3.8%	1.9%	18.5%	7.0%	16.6%	9.5%	0.0%
	2005	8.4%	6.8%	8.6%	4.1%	2.3%	9.7%	22.6%	6.5%	15.5%	9.6%	0.0%
	2006	9.0%	6.9%	9.6%	8.1%	1.5%	1.6%	18.4%	6.5%	14.0%	9.1%	0.0%
	2007	8.4%	7.1%	10.3%	4.8%	2.1%	1.8%	18.2%	6.3%	13.1%	11.4%	0.0%
	2008	7.4%	7.8%	9.8%	13.7%	2.2%	2.8%	13.4%	6.2%	20.8%	10.2%	55.5%
All Institutions	2004	14.2%	10.8%	12.6%	3.6%	7.0%	4.3%	14.2%	6.3%	14.0%	10.2%	12.2%
	2005	8.4%	10.4%	13.0%	4.2%	6.0%	9.9%	17.5%	6.0%	14.8%	9.6%	15.1%
	2006	9.0%	10.4%	13.5%	7.8%	4.4%	4.5%	15.6%	5.9%	13.1%	9.4%	16.4%
	2007	8.6%	10.3%	14.1%	5.1%	4.5%	4.7%	14.6%	5.7%	12.8%	10.9%	18.2%
	2008	7.7%	10.6%	14.6%	12.1%	4.0%	4.7%	12.1%	5.7%	19.5%	9.8%	30.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 319: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	233	59	0	9	4	6	2	6	7	4
	2005	1	240	54	1	7	7	6	4	3	7	8
	2006	2	315	69	2	8	6	3	5	4	6	11
	2007	2	375	55	0	91	4	4	7	10	5	12
	2008	4	341	83	2	15	2	11	7	5	1	15
	# Change 04-08	1	108	24	2	6	-2	5	5	-1	-6	11
	% Change 04-08	33.3%	46.4%	40.7%	N/A	66.7%	-50.0%	83.3%	250.0%	-16.7%	-85.7%	275.0%
Private Institutions	2004	14	113	35	1	11	0	6	8	16	6	0
	2005	12	135	32	0	8	0	3	20	19	11	0
	2006	29	159	33	1	13	0	13	14	23	10	0
	2007	27	134	32	0	7	0	7	16	20	7	0
	2008	31	164	41	2	9	0	3	13	23	8	0
	# Change 04-08	17	51	6	1	-2	0	-3	5	7	2	0
	% Change 04-08	121.4%	45.1%	17.1%	100.0%	-18.2%	N/A	-50.0%	62.5%	43.8%	33.3%	N/A
All Institutions	2004	17	346	94	1	20	4	12	10	22	13	4
	2005	13	375	86	1	15	7	9	24	22	18	8
	2006	31	474	102	3	21	6	16	19	27	16	11
	2007	29	509	87	0	98	4	11	23	30	12	12
	2008	35	505	124	4	24	2	14	20	28	9	15
	# Change 04-08	18	159	30	3	4	-2	2	10	6	-4	11
	% Change 04-08	105.9%	46.0%	31.9%	300.0%	20.0%	-50.0%	16.7%	100.0%	27.3%	-30.8%	275.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 320: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.0%	4.5%	6.4%	0.0%	3.5%	5.1%	2.0%	0.7%	6.2%	2.4%	2.6%
	2005	4.2%	4.4%	5.8%	2.4%	2.5%	8.0%	2.0%	1.3%	3.4%	2.8%	4.1%
	2006	8.0%	5.5%	7.3%	4.1%	2.7%	6.4%	1.0%	1.5%	3.8%	1.9%	6.7%
	2007	5.7%	6.0%	5.5%	0.0%	18.3%	4.0%	1.2%	2.1%	10.1%	1.7%	7.0%
	2008	15.4%	5.4%	7.7%	6.3%	4.5%	2.1%	2.8%	1.9%	5.4%	0.3%	6.8%
Private Institutions	2004	1.7%	1.7%	2.1%	1.6%	2.2%	0.0%	10.5%	0.7%	13.6%	1.3%	0.0%
	2005	1.6%	1.8%	1.8%	0.0%	1.4%	0.0%	4.3%	1.5%	13.5%	2.2%	0.0%
	2006	3.9%	2.1%	1.9%	1.3%	2.1%	0.0%	16.9%	1.1%	18.3%	2.0%	0.0%
	2007	3.0%	1.7%	1.7%	0.0%	1.1%	0.0%	9.0%	1.1%	12.9%	1.3%	0.0%
	2008	3.7%	2.0%	2.2%	2.4%	1.4%	0.0%	4.3%	0.9%	17.0%	1.4%	0.0%
All Institutions	2004	2.0%	2.9%	3.6%	1.1%	2.6%	3.0%	3.3%	0.7%	10.2%	1.7%	2.0%
	2005	1.7%	2.9%	3.2%	0.9%	1.7%	5.0%	2.4%	1.4%	9.6%	2.4%	3.2%
	2006	4.0%	3.6%	3.8%	2.4%	2.3%	3.9%	4.1%	1.1%	11.7%	2.0%	4.8%
	2007	3.1%	3.6%	3.0%	0.0%	8.7%	2.3%	2.7%	1.3%	11.8%	1.4%	4.5%
	2008	4.1%	3.5%	4.2%	3.4%	2.5%	1.1%	3.0%	1.1%	12.3%	1.0%	5.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 321: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	63	2,903	84	25	76	48	43	150	281	48	131
	2005	53	3,225	69	19	125	41	53	187	206	36	140
	2006	58	3,117	71	24	79	32	71	163	190	27	165
	2007	54	3,075	68	22	85	25	68	180	220	37	144
	2008	35	3,357	90	21	98	34	95	206	204	39	86
	# Change 04-08	-28	454	6	-4	22	-14	52	56	-77	-9	-45
	% Change 04-08	-44.4%	15.6%	7.1%	-16.0%	28.9%	-29.2%	120.9%	37.3%	-27.4%	-18.8%	-34.4%
Private Institutions	2004	69	4,137	211	27	309	8	134	258	17	168	361
	2005	48	3,489	155	8	160	20	87	235	4	115	343
	2006	51	2,926	111	16	135	8	44	184	2	151	249
	2007	127	2,898	84	13	96	7	29	266	0	142	243
	2008	82	3,184	75	14	178	16	40	204	0	150	220
	# Change 04-08	13	-953	-136	-13	-131	8	-94	-54	-17	-18	-141
	% Change 04-08	18.8%	-23.0%	-64.5%	-48.1%	-42.4%	100.0%	-70.1%	-20.9%	-100.0%	-10.7%	-39.1%
All Institutions	2004	132	7,040	295	52	385	56	177	408	298	216	492
	2005	101	6,714	224	27	285	61	140	422	210	151	483
	2006	109	6,043	182	40	214	40	115	347	192	178	414
	2007	181	5,973	152	35	181	32	97	446	220	179	387
	2008	117	6,541	165	35	276	50	135	410	204	189	306
	# Change 04-08	-15	-499	-130	-17	-109	-6	-42	2	-94	-27	-186
	% Change 04-08	-11.4%	-7.1%	-44.1%	-32.7%	-28.3%	-10.7%	-23.7%	0.5%	-31.5%	-12.5%	-37.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 322: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.0%	2.7%	1.0%	4.7%	1.1%	4.7%	2.5%	2.7%	3.9%	2.7%	4.2%
	2005	5.0%	2.8%	0.8%	3.6%	1.7%	4.3%	3.0%	3.1%	2.7%	2.0%	4.6%
	2006	5.4%	2.6%	0.8%	4.0%	1.1%	2.8%	3.7%	2.7%	2.5%	1.5%	5.4%
	2007	4.7%	2.5%	0.8%	3.8%	1.1%	1.9%	3.5%	2.8%	2.9%	1.8%	4.8%
	2008	3.2%	2.7%	0.9%	3.6%	1.3%	2.8%	4.6%	3.3%	2.6%	1.8%	2.7%
Private Institutions	2004	7.5%	5.0%	3.4%	2.3%	7.5%	2.2%	3.9%	3.1%	1.6%	3.6%	9.0%
	2005	4.3%	4.0%	2.5%	0.6%	3.0%	5.0%	2.3%	2.8%	0.4%	2.1%	8.1%
	2006	5.2%	3.2%	1.7%	1.2%	2.4%	1.8%	1.3%	2.3%	0.2%	2.5%	5.8%
	2007	13.8%	3.0%	1.4%	1.0%	1.7%	1.6%	0.9%	3.1%	0.0%	2.3%	5.7%
	2008	7.9%	3.1%	1.1%	1.0%	3.1%	3.0%	1.3%	2.7%	0.0%	2.5%	4.8%
All Institutions	2004	6.7%	3.7%	2.0%	3.1%	3.4%	4.1%	3.4%	2.9%	3.6%	3.3%	7.0%
	2005	4.6%	3.3%	1.5%	1.5%	2.2%	4.5%	2.5%	2.9%	2.4%	2.1%	6.6%
	2006	5.3%	2.9%	1.2%	2.0%	1.7%	2.5%	2.2%	2.5%	2.2%	2.3%	5.6%
	2007	8.8%	2.7%	1.0%	1.8%	1.3%	1.8%	1.9%	3.0%	2.5%	2.2%	5.3%
	2008	5.5%	2.9%	1.0%	1.8%	2.1%	2.9%	2.6%	2.9%	2.2%	2.3%	4.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 323: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21	3,633	128	13	136	14	101	160	344	82	162
	2005	21	3,589	132	17	132	23	81	165	379	98	169
	2006	30	3,549	145	16	134	26	71	146	327	85	174
	2007	31	3,453	146	24	118	20	95	124	318	75	194
	2008	28	3,388	137	22	99	26	86	150	258	77	191
	# Change 04-08	7	-245	9	9	-37	12	-15	-10	-86	-5	29
	% Change 04-08	33.3%	-6.7%	7.0%	69.2%	-27.2%	85.7%	-14.9%	-6.3%	-25.0%	-6.1%	17.9%
Private Institutions	2004	100	1,155	80	16	63	0	33	150	28	62	37
	2005	89	1,149	76	24	65	2	38	153	27	102	21
	2006	77	1,136	87	13	54	2	32	167	16	88	16
	2007	83	1,058	77	24	50	1	31	190	16	66	10
	2008	99	1,051	68	24	51	4	26	150	19	66	26
	# Change 04-08	-1	-104	-12	8	-12	4	-7	0	-9	4	-11
	% Change 04-08	-1.0%	-9.0%	-15.0%	50.0%	-19.0%	N/A	-21.2%	0.0%	-32.1%	6.5%	-29.7%
All Institutions	2004	121	4,788	208	29	199	14	134	310	372	144	199
	2005	110	4,738	208	41	197	25	119	318	406	200	190
	2006	107	4,685	232	29	188	28	103	313	343	173	190
	2007	114	4,511	223	48	168	21	126	314	334	141	204
	2008	127	4,439	205	46	150	30	112	300	277	143	217
	# Change 04-08	6	-349	-3	17	-49	16	-22	-10	-95	-1	18
	% Change 04-08	5.0%	-7.3%	-1.4%	58.6%	-24.6%	114.3%	-16.4%	-3.2%	-25.5%	-0.7%	9.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 324: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.3%	4.6%	3.0%	2.6%	4.2%	3.8%	4.6%	2.8%	6.6%	3.1%	4.4%
	2005	3.2%	4.4%	3.1%	3.1%	4.2%	7.1%	3.5%	2.7%	7.1%	3.6%	4.6%
	2006	4.2%	4.3%	3.1%	2.8%	4.4%	6.2%	2.8%	2.4%	6.1%	2.9%	4.7%
	2007	4.3%	4.0%	3.0%	3.8%	3.6%	4.0%	3.8%	2.0%	5.5%	2.6%	5.1%
	2008	3.7%	3.9%	2.7%	3.6%	3.1%	4.9%	3.4%	2.4%	4.4%	2.7%	5.1%
Private Institutions	2004	5.3%	2.4%	3.6%	2.5%	2.3%	0.0%	4.4%	2.6%	1.1%	2.8%	2.2%
	2005	4.6%	2.3%	3.0%	3.9%	1.8%	0.7%	4.4%	2.6%	1.1%	4.4%	1.1%
	2006	3.9%	2.1%	3.6%	1.9%	1.4%	0.7%	3.6%	2.8%	0.6%	3.3%	0.8%
	2007	4.1%	1.9%	3.0%	3.4%	1.2%	0.3%	3.6%	3.0%	0.6%	2.6%	0.5%
	2008	4.5%	1.8%	2.5%	3.6%	1.3%	1.0%	2.8%	2.4%	0.7%	2.3%	1.1%
All Institutions	2004	4.8%	3.8%	3.2%	2.5%	3.3%	2.3%	4.6%	2.7%	4.8%	2.9%	3.7%
	2005	4.2%	3.6%	3.1%	3.5%	3.0%	4.2%	3.8%	2.6%	5.2%	4.0%	3.4%
	2006	4.0%	3.4%	3.3%	2.3%	2.7%	3.9%	3.0%	2.6%	4.3%	3.1%	3.3%
	2007	4.1%	3.2%	3.0%	3.6%	2.3%	2.5%	3.8%	2.5%	3.9%	2.6%	3.5%
	2008	4.3%	3.0%	2.7%	3.6%	2.1%	3.2%	3.2%	2.4%	3.2%	2.5%	3.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 325: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	658	25	0	20	3	29	24	64	17	74
	2005	7	751	59	1	32	4	31	27	72	16	45
	2006	5	753	44	0	29	10	27	19	92	20	38
	2007	3	777	47	1	27	6	41	21	106	11	53
	2008	3	848	61	2	22	14	34	29	106	19	36
	# Change 04-08	2	190	36	2	2	11	5	5	42	2	-38
	% Change 04-08	200.0%	28.9%	144.0%	N/A	10.0%	366.7%	17.2%	20.8%	65.6%	11.8%	-51.4%
Private Institutions	2004	31	336	28	10	11	0	16	48	0	19	0
	2005	26	304	22	8	11	3	11	47	1	29	0
	2006	20	321	25	11	10	0	19	34	8	35	0
	2007	21	314	35	12	12	1	18	44	12	27	0
	2008	23	341	43	6	18	2	10	36	5	35	1
	# Change 04-08	-8	5	15	-4	7	2	-6	-12	5	16	1
	% Change 04-08	-25.8%	1.5%	53.6%	-40.0%	63.6%	N/A	-37.5%	-25.0%	N/A	84.2%	N/A
All Institutions	2004	32	994	53	10	31	3	45	72	64	36	74
	2005	33	1,055	81	9	43	7	42	74	73	45	45
	2006	25	1,074	69	11	39	10	46	53	100	55	38
	2007	24	1,091	82	13	39	7	59	65	118	38	53
	2008	26	1,189	104	8	40	16	44	65	111	54	37
	# Change 04-08	-6	195	51	-2	9	13	-1	-7	47	18	-37
	% Change 04-08	-18.8%	19.6%	96.2%	-20.0%	29.0%	433.3%	-2.2%	-9.7%	73.4%	50.0%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 326: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	2.7%	2.3%	0.0%	2.1%	3.4%	4.8%	1.4%	6.6%	2.1%	7.2%
	2005	5.6%	3.0%	4.9%	0.6%	3.1%	4.3%	5.3%	1.6%	6.5%	2.5%	4.3%
	2006	3.6%	2.9%	3.7%	0.0%	2.9%	8.5%	3.9%	1.0%	7.8%	3.0%	3.5%
	2007	1.6%	2.9%	3.9%	0.5%	2.4%	5.0%	5.8%	1.2%	8.3%	1.6%	4.7%
	2008	1.7%	3.1%	5.0%	0.7%	2.0%	8.7%	5.0%	1.7%	7.4%	2.7%	3.3%
Private Institutions	2004	2.2%	1.4%	1.4%	3.8%	0.6%	0.0%	4.9%	1.4%	0.0%	1.9%	0.0%
	2005	1.8%	1.1%	1.1%	2.4%	0.4%	0.6%	3.5%	1.4%	0.3%	2.5%	0.0%
	2006	1.2%	1.0%	1.2%	3.2%	0.3%	0.0%	5.4%	1.0%	1.7%	2.9%	0.0%
	2007	1.3%	0.9%	1.7%	3.7%	0.4%	0.1%	5.2%	1.2%	2.3%	1.9%	0.0%
	2008	1.4%	1.0%	2.1%	2.0%	0.6%	0.2%	2.5%	1.0%	0.9%	2.4%	0.1%
All Institutions	2004	2.1%	2.1%	1.7%	2.3%	1.1%	0.7%	4.9%	1.4%	4.9%	2.0%	4.9%
	2005	2.1%	2.0%	2.5%	1.8%	1.1%	1.2%	4.7%	1.5%	5.0%	2.5%	2.9%
	2006	1.4%	1.9%	2.1%	2.0%	1.0%	1.3%	4.4%	1.0%	6.0%	2.9%	2.4%
	2007	1.4%	1.8%	2.5%	2.6%	0.9%	0.7%	5.6%	1.2%	6.5%	1.8%	3.0%
	2008	1.4%	1.9%	3.1%	1.4%	1.0%	1.2%	4.1%	1.2%	5.6%	2.5%	2.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 327: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	83	3	0	2	1	2	0	16	0	4
	2005	0	69	2	0	0	1	0	0	8	2	6
	2006	0	82	2	0	2	1	2	2	5	3	4
	2007	1	82	10	0	4	0	0	0	3	4	3
	2008	0	94	5	0	3	0	1	3	12	0	6
	# Change 04-08	0	11	2	0	1	-1	-1	3	-4	0	2
	% Change 04-08	N/A	13.3%	66.7%	N/A	50.0%	-100.0%	-50.0%	N/A	-25.0%	N/A	50.0%
Private Institutions	2004	3	19	2	0	1	0	0	1	0	3	0
	2005	7	34	5	0	1	0	3	4	1	2	0
	2006	7	30	4	1	1	0	0	3	2	1	0
	2007	6	37	11	0	1	0	2	4	0	4	0
	2008	6	36	5	0	5	0	0	4	2	4	0
	# Change 04-08	3	17	3	0	4	0	0	3	2	1	0
	% Change 04-08	100.0%	89.5%	150.0%	N/A	400.0%	N/A	N/A	300.0%	N/A	33.3%	N/A
All Institutions	2004	3	102	5	0	3	1	2	1	16	3	4
	2005	7	103	7	0	1	1	3	4	9	4	6
	2006	7	112	6	1	3	1	2	5	7	4	4
	2007	7	119	21	0	5	0	2	4	3	8	3
	2008	6	130	10	0	8	0	1	7	14	4	6
	# Change 04-08	3	28	5	0	5	-1	-1	6	-2	1	2
	% Change 04-08	100.0%	27.5%	100.0%	N/A	166.7%	-100.0%	-50.0%	600.0%	-12.5%	33.3%	50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 328: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	2.4%	2.3%	0.0%	1.7%	4.2%	1.7%	0.0%	8.7%	0.0%	2.6%
	2005	0.0%	1.9%	1.5%	0.0%	0.0%	4.8%	0.0%	0.0%	3.8%	1.0%	3.8%
	2006	0.0%	2.2%	1.4%	0.0%	1.6%	3.8%	1.6%	1.4%	2.6%	1.4%	2.7%
	2007	4.8%	2.1%	7.1%	0.0%	3.3%	0.0%	0.0%	0.0%	1.4%	1.9%	1.8%
	2008	0.0%	2.3%	3.3%	0.0%	2.5%	0.0%	0.6%	2.3%	5.4%	0.0%	3.7%
Private Institutions	2004	1.2%	0.4%	0.5%	0.0%	0.4%	0.0%	0.0%	0.2%	0.0%	1.6%	0.0%
	2005	2.3%	0.6%	1.2%	0.0%	0.4%	0.0%	3.2%	0.8%	0.8%	0.8%	0.0%
	2006	2.5%	0.6%	1.1%	1.7%	0.4%	0.0%	0.0%	0.5%	1.5%	0.4%	0.0%
	2007	2.0%	0.7%	2.6%	0.0%	0.3%	0.0%	2.0%	0.7%	0.0%	1.9%	0.0%
	2008	2.0%	0.7%	1.3%	0.0%	1.7%	0.0%	0.0%	0.7%	1.5%	1.6%	0.0%
All Institutions	2004	1.1%	1.2%	1.0%	0.0%	0.8%	0.9%	1.1%	0.1%	5.2%	0.7%	1.0%
	2005	2.2%	1.2%	1.3%	0.0%	0.3%	0.8%	1.4%	0.6%	2.7%	0.8%	1.4%
	2006	2.4%	1.3%	1.2%	1.1%	0.8%	0.6%	1.0%	0.7%	2.2%	0.9%	1.0%
	2007	2.1%	1.2%	3.7%	0.0%	1.2%	0.0%	0.9%	0.5%	0.8%	1.9%	0.7%
	2008	1.9%	1.4%	1.8%	0.0%	1.9%	0.0%	0.4%	1.0%	3.9%	0.9%	1.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 329: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	40	3,552	588	33	91	12	67	118	24	24	34
	2005	37	3,733	518	25	104	12	63	129	37	22	25
	2006	38	3,586	519	24	163	9	85	122	43	15	21
	2007	39	3,804	555	34	107	11	82	132	56	23	32
	2008	33	4,168	724	35	109	13	79	171	54	26	25
	# Change 04-08	-7	616	136	2	18	1	12	53	30	2	-9
	% Change 04-08	-17.5%	17.3%	23.1%	6.1%	19.8%	8.3%	17.9%	44.9%	125.0%	8.3%	-26.5%
Private Institutions	2004	51	6,434	1,177	18	236	2	130	207	0	39	33
	2005	44	6,072	1,147	9	200	1	96	185	0	46	39
	2006	35	5,815	752	13	186	1	63	125	0	42	33
	2007	46	5,604	607	19	137	1	36	192	0	34	24
	2008	74	6,398	676	10	162	7	46	139	0	42	44
	# Change 04-08	23	-36	-501	-8	-74	5	-84	-68	0	3	11
	% Change 04-08	45.1%	-0.6%	-42.6%	-44.4%	-31.4%	250.0%	-64.6%	-32.9%	N/A	7.7%	33.3%
All Institutions	2004	91	9,986	1,765	51	327	14	197	325	24	63	67
	2005	81	9,805	1,665	34	304	13	159	314	37	68	64
	2006	73	9,401	1,271	37	349	10	148	247	43	57	54
	2007	85	9,408	1,162	53	244	12	118	324	56	57	56
	2008	107	10,566	1,400	45	271	20	125	310	54	68	69
	# Change 04-08	16	580	-365	-6	-56	6	-72	-15	30	5	2
	% Change 04-08	17.6%	5.8%	-20.7%	-11.8%	-17.1%	42.9%	-36.5%	-4.6%	125.0%	7.9%	3.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 330: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.8%	4.0%	2.0%	8.2%	2.4%	3.9%	5.0%	3.0%	3.8%	5.7%	6.9%
	2005	5.3%	3.9%	1.6%	6.3%	2.5%	4.0%	4.3%	3.1%	5.5%	5.2%	4.7%
	2006	5.3%	3.6%	1.6%	5.3%	3.8%	2.3%	5.2%	2.9%	5.8%	3.3%	4.0%
	2007	5.5%	3.6%	1.6%	7.6%	2.4%	2.9%	4.6%	2.9%	7.0%	4.1%	5.3%
	2008	4.0%	3.8%	2.1%	6.7%	2.4%	3.7%	4.2%	3.8%	6.0%	4.0%	3.5%
Private Institutions	2004	6.0%	6.4%	4.9%	2.0%	7.0%	1.8%	4.9%	3.2%	0.0%	3.5%	9.6%
	2005	4.0%	5.8%	4.5%	0.8%	5.0%	1.1%	3.4%	2.8%	0.0%	3.7%	10.2%
	2006	3.1%	5.4%	2.9%	1.3%	4.8%	0.9%	2.2%	2.1%	0.0%	3.0%	8.5%
	2007	4.2%	5.0%	2.4%	1.8%	3.7%	0.8%	1.2%	3.0%	0.0%	2.5%	6.2%
	2008	6.5%	5.3%	2.3%	0.9%	4.4%	4.8%	1.4%	2.3%	0.0%	2.6%	9.1%
All Institutions	2004	5.9%	5.3%	3.3%	3.9%	4.5%	3.3%	4.9%	3.1%	3.2%	4.1%	8.0%
	2005	4.5%	4.9%	2.9%	2.3%	3.7%	3.3%	3.7%	2.9%	4.5%	4.1%	7.0%
	2006	4.0%	4.5%	2.2%	2.5%	4.3%	2.0%	3.3%	2.4%	4.9%	3.0%	5.9%
	2007	4.7%	4.3%	1.9%	3.5%	3.0%	2.4%	2.5%	2.9%	5.9%	2.9%	5.7%
	2008	5.4%	4.6%	2.2%	2.7%	3.3%	4.0%	2.4%	2.9%	5.1%	3.0%	5.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 331: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	11	3,977	674	18	118	6	93	91	29	32	57
	2005	17	4,062	716	21	122	11	104	107	40	33	57
	2006	26	4,381	802	22	109	12	94	81	43	40	63
	2007	30	4,409	774	18	100	4	106	85	58	47	73
	2008	18	4,717	901	22	97	13	100	113	41	38	78
	# Change 04-08	7	740	227	4	-21	7	7	22	12	6	21
	% Change 04-08	63.6%	18.6%	33.7%	22.2%	-17.8%	116.7%	7.5%	24.2%	41.4%	18.8%	36.8%
Private Institutions	2004	126	1,690	302	8	101	0	42	153	5	58	1
	2005	99	1,707	279	14	82	1	56	156	10	53	0
	2006	131	1,595	201	9	73	1	38	154	14	53	3
	2007	134	1,658	180	15	70	1	30	212	13	59	2
	2008	139	1,713	229	20	78	1	46	201	9	64	0
	# Change 04-08	13	23	-73	12	-23	1	4	48	4	6	-1
	% Change 04-08	10.3%	1.4%	-24.2%	150.0%	-22.8%	N/A	9.5%	31.4%	80.0%	10.3%	-100.0%
All Institutions	2004	137	5,667	976	26	219	6	135	244	34	90	58
	2005	116	5,769	995	35	204	12	160	263	50	86	57
	2006	157	5,976	1,003	31	182	13	132	235	57	93	66
	2007	164	6,067	954	33	170	5	136	297	71	106	75
	2008	157	6,430	1,130	42	175	14	146	314	50	102	78
	# Change 04-08	20	763	154	16	-44	8	11	70	16	12	20
	% Change 04-08	14.6%	13.5%	15.8%	61.5%	-20.1%	133.3%	8.1%	28.7%	47.1%	13.3%	34.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 332: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.6%	5.6%	3.7%	4.3%	6.7%	2.9%	4.3%	2.3%	6.8%	4.7%	7.9%
	2005	3.8%	5.4%	3.7%	5.1%	6.6%	5.0%	4.7%	2.4%	7.8%	4.4%	6.8%
	2006	5.2%	5.5%	3.9%	4.5%	5.8%	5.2%	3.9%	1.8%	7.4%	4.9%	6.6%
	2007	6.0%	5.3%	3.7%	3.6%	5.0%	1.7%	4.3%	1.8%	8.8%	5.6%	7.1%
	2008	3.2%	5.3%	4.0%	4.0%	4.3%	4.2%	3.8%	2.3%	5.9%	4.1%	6.7%
Private Institutions	2004	7.4%	4.3%	5.5%	1.9%	4.7%	0.0%	6.0%	3.0%	1.7%	5.9%	0.5%
	2005	5.7%	4.1%	4.8%	2.9%	3.3%	0.6%	7.1%	2.9%	2.9%	5.1%	0.0%
	2006	7.2%	3.7%	3.2%	1.7%	2.7%	0.6%	5.0%	3.0%	3.7%	4.6%	1.3%
	2007	7.1%	3.6%	2.7%	2.7%	2.3%	0.5%	3.7%	3.9%	3.3%	4.9%	0.7%
	2008	6.5%	3.6%	3.2%	3.5%	2.5%	0.4%	4.7%	3.7%	2.4%	4.7%	0.0%
All Institutions	2004	6.4%	5.1%	4.1%	3.1%	5.6%	1.5%	4.7%	2.7%	4.7%	5.4%	6.3%
	2005	5.3%	4.9%	3.9%	3.9%	4.7%	3.0%	5.3%	2.7%	5.8%	4.8%	5.6%
	2006	6.7%	4.9%	3.8%	3.1%	4.0%	3.2%	4.1%	2.4%	6.0%	4.7%	5.6%
	2007	6.8%	4.7%	3.4%	3.1%	3.4%	1.1%	4.1%	2.9%	6.8%	5.2%	5.8%
	2008	5.9%	4.7%	3.8%	3.7%	3.3%	2.6%	4.1%	3.0%	4.7%	4.5%	5.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 333: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	835	78	1	14	3	20	9	7	8	93
	2005	6	822	128	1	20	1	27	15	6	6	21
	2006	5	799	135	2	21	2	23	16	9	5	19
	2007	6	829	128	6	15	7	33	14	6	12	19
	2008	6	884	155	1	24	4	50	11	11	10	27
	# Change 04-08	2	49	77	0	10	1	30	2	4	2	-66
	% Change 04-08	50.0%	5.9%	98.7%	0.0%	71.4%	33.3%	150.0%	22.2%	57.1%	25.0%	-71.0%
Private Institutions	2004	40	387	76	13	11	0	18	40	4	14	0
	2005	34	422	86	6	16	13	17	40	3	12	0
	2006	36	394	62	14	10	0	18	46	1	14	0
	2007	47	499	85	11	7	4	31	45	4	20	0
	2008	31	513	86	17	14	3	27	49	4	18	0
	# Change 04-08	-9	126	10	4	3	3	9	9	0	4	0
	% Change 04-08	-22.5%	32.6%	13.2%	30.8%	27.3%	N/A	50.0%	22.5%	0.0%	28.6%	N/A
All Institutions	2004	44	1,222	154	14	25	3	38	49	11	22	93
	2005	40	1,244	214	7	36	14	44	55	9	18	21
	2006	41	1,193	197	16	31	2	41	62	10	19	19
	2007	53	1,328	213	17	22	11	64	59	10	32	19
	2008	37	1,397	241	18	38	7	77	60	15	28	27
	# Change 04-08	-7	175	87	4	13	4	39	11	4	6	-66
	% Change 04-08	-15.9%	14.3%	56.5%	28.6%	52.0%	133.3%	102.6%	22.4%	36.4%	27.3%	-71.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 334: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	5.6%	2.8%	0.9%	3.4%	6.4%	5.3%	0.9%	5.9%	5.6%	22.5%
	2005	3.4%	5.2%	4.3%	0.8%	4.2%	1.6%	6.4%	1.5%	5.4%	4.2%	10.4%
	2006	2.3%	4.8%	4.1%	1.6%	4.5%	3.5%	5.0%	1.4%	7.4%	3.4%	7.7%
	2007	3.8%	4.8%	3.7%	4.3%	3.1%	10.1%	7.8%	1.2%	4.4%	6.7%	6.5%
	2008	2.9%	4.9%	4.1%	0.7%	4.8%	5.5%	10.2%	1.0%	7.7%	5.4%	10.0%
Private Institutions	2004	5.8%	2.2%	2.0%	7.6%	1.4%	0.0%	7.3%	1.1%	5.3%	4.8%	0.0%
	2005	4.7%	2.2%	2.4%	3.3%	1.5%	6.2%	6.9%	1.2%	4.1%	3.4%	0.0%
	2006	4.8%	2.0%	1.6%	8.1%	0.9%	0.0%	6.7%	1.9%	1.1%	4.1%	0.0%
	2007	5.9%	2.3%	2.2%	5.5%	0.6%	1.1%	11.5%	1.8%	3.6%	5.0%	0.0%
	2008	4.1%	2.4%	2.2%	8.7%	1.1%	0.8%	8.5%	1.8%	3.9%	4.0%	0.0%
All Institutions	2004	5.1%	3.8%	2.3%	5.0%	2.1%	1.9%	6.1%	1.1%	5.7%	5.1%	19.5%
	2005	4.4%	3.6%	3.3%	2.3%	2.3%	5.1%	6.6%	1.3%	4.9%	3.7%	7.4%
	2006	4.2%	3.3%	2.7%	5.4%	1.9%	0.6%	5.6%	1.7%	4.7%	3.9%	5.8%
	2007	5.5%	3.4%	2.9%	5.0%	1.3%	2.5%	9.2%	1.6%	4.1%	5.5%	4.9%
	2008	3.8%	3.5%	3.1%	5.3%	2.2%	1.5%	9.6%	1.5%	6.1%	4.4%	7.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 335: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	76	9	0	3	0	1	0	0	0	14
	2005	1	77	11	0	5	1	1	1	0	0	1
	2006	0	84	8	4	1	0	1	1	1	1	2
	2007	0	105	22	0	7	0	2	2	1	0	2
	2008	1	96	8	1	2	1	2	1	1	3	2
	# Change 04-08	0	20	-1	1	-1	1	1	1	1	3	-12
	% Change 04-08	0.0%	26.3%	-11.1%	N/A	-33.3%	N/A	100.0%	N/A	N/A	N/A	-85.7%
Private Institutions	2004	5	25	4	0	3	0	1	3	0	1	0
	2005	2	22	6	0	1	0	0	2	1	0	0
	2006	2	22	6	0	2	0	0	4	1	4	0
	2007	5	34	9	0	2	0	2	3	3	2	0
	2008	6	34	5	0	0	0	1	4	1	6	0
	# Change 04-08	1	9	1	0	-3	0	0	1	1	5	0
	% Change 04-08	20.0%	36.0%	25.0%	N/A	-100.0%	N/A	0.0%	33.3%	N/A	500.0%	N/A
All Institutions	2004	6	101	13	0	6	0	2	3	0	1	14
	2005	3	99	17	0	6	1	1	3	1	0	1
	2006	2	106	14	4	3	0	1	5	2	5	2
	2007	5	139	31	0	9	0	4	5	4	2	2
	2008	7	130	13	1	2	1	3	5	2	9	2
	# Change 04-08	1	29	0	1	-4	1	1	2	2	8	-12
	% Change 04-08	16.7%	28.7%	0.0%	N/A	-66.7%	N/A	50.0%	66.7%	N/A	800.0%	-85.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 336: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.7%	2.7%	2.9%	0.0%	4.1%	0.0%	0.9%	0.0%	0.0%	0.0%	18.2%
	2005	7.7%	2.6%	3.3%	0.0%	4.6%	4.0%	1.1%	1.1%	0.0%	0.0%	2.6%
	2006	0.0%	2.7%	2.3%	9.3%	1.0%	0.0%	0.9%	1.2%	2.9%	1.1%	7.1%
	2007	0.0%	3.3%	6.4%	0.0%	5.9%	0.0%	2.0%	2.0%	2.7%	0.0%	4.5%
	2008	5.9%	2.8%	2.3%	4.2%	1.8%	3.6%	1.5%	1.0%	2.0%	4.1%	3.4%
Private Institutions	2004	2.5%	0.7%	0.6%	0.0%	1.9%	0.0%	2.2%	0.6%	0.0%	1.0%	0.0%
	2005	0.9%	0.5%	0.9%	0.0%	0.6%	0.0%	0.0%	0.4%	3.3%	0.0%	0.0%
	2006	1.0%	0.6%	0.9%	0.0%	1.2%	0.0%	0.0%	0.8%	2.9%	3.2%	0.0%
	2007	2.0%	0.8%	1.2%	0.0%	1.0%	0.0%	4.3%	0.6%	6.3%	1.8%	0.0%
	2008	2.6%	0.8%	0.7%	0.0%	0.0%	0.0%	3.1%	0.8%	2.8%	4.6%	0.0%
All Institutions	2004	2.8%	1.5%	1.4%	0.0%	2.6%	0.0%	1.3%	0.5%	0.0%	0.5%	15.7%
	2005	1.3%	1.4%	1.7%	0.0%	2.3%	1.6%	0.7%	0.5%	1.4%	0.0%	1.6%
	2006	0.9%	1.5%	1.4%	4.5%	1.1%	0.0%	0.7%	0.9%	2.9%	2.3%	4.3%
	2007	1.9%	1.9%	2.9%	0.0%	2.8%	0.0%	2.7%	0.9%	4.7%	1.0%	2.9%
	2008	2.8%	1.7%	1.2%	1.5%	0.7%	1.0%	1.9%	0.8%	2.3%	4.4%	2.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 337: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	553	28,319	1,096	255	813	945	353	1,150	1,225	1,246	803
	2005	489	28,497	1,035	184	996	833	347	1,146	1,082	1,213	810
	2006	507	26,971	884	223	852	684	370	1,054	983	1,137	813
	2007	450	27,173	854	182	840	717	405	963	1,073	944	757
	2008	434	27,795	801	238	898	734	447	1,036	1,126	976	433
	# Change 04-08	-119	-524	-295	-17	85	-211	94	-114	-99	-270	-370
	% Change 04-08	-21.5%	-1.9%	-26.9%	-6.7%	10.5%	-22.3%	26.6%	-9.9%	-8.1%	-21.7%	-46.1%
Private Institutions	2004	277	11,379	874	241	528	224	252	665	4	1,530	426
	2005	200	9,641	660	167	360	174	206	490	1	1,333	340
	2006	178	7,868	369	75	259	185	131	308	0	1,154	303
	2007	217	7,739	281	89	224	181	109	501	0	1,093	281
	2008	190	7,883	315	164	283	258	96	427	0	1,059	282
	# Change 04-08	-87	-3,496	-559	-77	-245	34	-156	-238	-4	-471	-144
	% Change 04-08	-31.4%	-30.7%	-64.0%	-32.0%	-46.4%	15.2%	-61.9%	-35.8%	-100.0%	-30.8%	-33.8%
All Institutions	2004	830	39,698	1,970	496	1,341	1,169	605	1,815	1,229	2,776	1,229
	2005	689	38,138	1,695	351	1,356	1,007	553	1,636	1,083	2,546	1,150
	2006	685	34,839	1,253	298	1,111	869	501	1,362	983	2,291	1,116
	2007	667	34,912	1,135	271	1,064	898	514	1,464	1,073	2,037	1,038
	2008	624	35,678	1,116	402	1,181	992	543	1,463	1,126	2,035	715
	# Change 04-08	-206	-4,020	-854	-94	-160	-177	-62	-352	-103	-741	-514
	% Change 04-08	-24.8%	-10.1%	-43.4%	-19.0%	-11.9%	-15.1%	-10.2%	-19.4%	-8.4%	-26.7%	-41.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 338: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.9%	4.9%	2.2%	8.8%	2.4%	5.3%	4.0%	4.0%	5.8%	8.2%	7.3%
	2005	5.9%	4.6%	2.0%	5.9%	2.7%	4.5%	3.9%	4.0%	4.9%	7.7%	7.3%
	2006	5.9%	4.3%	1.7%	7.4%	2.4%	3.5%	4.0%	3.6%	4.5%	7.2%	7.1%
	2007	5.5%	4.3%	1.6%	5.6%	2.4%	3.6%	4.1%	3.4%	4.8%	6.0%	6.6%
	2008	5.1%	4.3%	1.5%	7.2%	2.5%	3.7%	4.2%	3.6%	5.0%	6.0%	3.5%
Private Institutions	2004	5.9%	5.4%	4.2%	6.3%	6.9%	5.4%	4.5%	4.4%	0.2%	8.0%	10.4%
	2005	3.7%	4.2%	2.9%	3.9%	3.3%	3.8%	3.7%	3.4%	0.0%	6.5%	8.0%
	2006	3.4%	3.5%	1.7%	1.8%	2.4%	4.0%	2.3%	2.3%	0.0%	5.5%	7.0%
	2007	4.3%	3.3%	1.3%	2.0%	2.1%	3.9%	2.1%	3.4%	0.0%	5.3%	5.9%
	2008	3.8%	3.3%	1.4%	3.6%	2.6%	5.2%	2.0%	3.0%	0.0%	5.3%	5.8%
All Institutions	2004	6.5%	5.0%	2.7%	7.4%	3.3%	5.4%	4.2%	4.2%	5.3%	8.1%	8.1%
	2005	5.0%	4.5%	2.3%	4.8%	2.9%	4.4%	3.8%	3.8%	4.4%	7.0%	7.5%
	2006	5.0%	4.1%	1.7%	4.2%	2.4%	3.6%	3.4%	3.2%	3.9%	6.2%	7.1%
	2007	5.0%	4.0%	1.5%	3.6%	2.3%	3.6%	3.4%	3.4%	4.2%	5.6%	6.4%
	2008	4.6%	4.0%	1.5%	5.1%	2.5%	4.0%	3.5%	3.4%	4.4%	5.6%	4.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 339: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	394	40,253	2,087	277	1,606	662	504	954	1,830	2,024	1,274
	2005	408	40,763	2,080	320	1,564	823	476	1,094	1,601	2,127	1,305
	2006	433	41,918	2,377	329	1,566	760	483	1,082	1,533	2,194	1,515
	2007	433	42,629	2,488	356	1,657	796	500	1,107	1,751	2,237	1,490
	2008	438	43,701	2,459	400	1,631	856	508	1,152	1,677	2,386	1,534
	# Change 04-08	44	3,448	372	123	25	194	4	198	-153	362	260
	% Change 04-08	11.2%	8.6%	17.8%	44.4%	1.6%	29.3%	0.8%	20.8%	-8.4%	17.9%	20.4%
Private Institutions	2004	1,247	12,078	576	154	617	51	251	1,953	211	1,387	10
	2005	1,262	11,905	535	150	513	44	275	2,085	176	1,462	21
	2006	1,388	11,934	481	156	510	58	235	2,052	156	1,407	14
	2007	1,363	12,325	482	187	504	46	219	2,235	149	1,499	26
	2008	1,449	12,558	541	175	484	65	268	2,343	156	1,574	23
	# Change 04-08	202	480	-35	21	-133	14	17	390	-55	187	13
	% Change 04-08	16.2%	4.0%	-6.1%	13.6%	-21.6%	27.5%	6.8%	20.0%	-26.1%	13.5%	130.0%
All Institutions	2004	1,641	52,331	2,663	431	2,223	713	755	2,907	2,041	3,411	1,284
	2005	1,670	52,668	2,615	470	2,077	867	751	3,179	1,777	3,589	1,326
	2006	1,821	53,852	2,858	485	2,076	818	718	3,134	1,689	3,601	1,529
	2007	1,796	54,954	2,970	543	2,161	842	719	3,342	1,900	3,736	1,516
	2008	1,887	56,259	3,000	575	2,115	921	776	3,495	1,833	3,960	1,557
	# Change 04-08	246	3,928	337	144	-108	208	21	588	-208	549	273
	% Change 04-08	15.0%	7.5%	12.7%	33.4%	-4.9%	29.2%	2.8%	20.2%	-10.2%	16.1%	21.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 340: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.8%	6.1%	4.8%	4.2%	6.8%	4.7%	3.7%	3.5%	8.5%	6.2%	6.1%
	2005	3.7%	6.0%	4.8%	4.7%	6.7%	5.7%	3.3%	3.9%	7.4%	6.3%	6.2%
	2006	3.9%	6.1%	5.3%	4.5%	6.6%	5.0%	3.3%	3.8%	7.1%	6.4%	7.0%
	2007	3.8%	6.1%	5.5%	4.8%	6.7%	5.0%	3.4%	3.7%	8.0%	6.4%	6.8%
	2008	3.7%	6.2%	5.3%	5.1%	6.6%	5.2%	3.4%	3.9%	7.2%	6.9%	7.0%
Private Institutions	2004	5.6%	3.3%	2.9%	2.3%	3.1%	0.5%	4.4%	4.6%	2.2%	4.3%	0.2%
	2005	5.7%	3.2%	2.7%	2.4%	2.2%	0.4%	4.7%	4.9%	1.9%	4.4%	0.3%
	2006	6.0%	3.1%	2.4%	2.4%	2.1%	0.6%	4.1%	4.9%	1.7%	4.2%	0.2%
	2007	5.9%	3.1%	2.4%	2.8%	2.0%	0.4%	3.6%	5.1%	1.6%	4.4%	0.3%
	2008	6.1%	3.1%	2.6%	2.7%	1.9%	0.6%	4.3%	5.3%	1.6%	4.6%	0.3%
All Institutions	2004	5.0%	5.1%	4.2%	3.2%	5.1%	3.0%	3.9%	4.2%	6.5%	5.2%	4.7%
	2005	5.0%	5.0%	4.1%	3.6%	4.5%	3.5%	3.7%	4.5%	5.7%	5.4%	4.7%
	2006	5.3%	5.0%	4.4%	3.5%	4.3%	3.2%	3.6%	4.4%	5.5%	5.3%	5.3%
	2007	5.2%	5.0%	4.5%	3.9%	4.3%	3.2%	3.5%	4.5%	6.0%	5.4%	5.1%
	2008	5.3%	5.1%	4.4%	4.0%	4.2%	3.3%	3.7%	4.7%	5.6%	5.7%	5.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 341: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	97	8,717	638	20	345	142	111	115	281	391	558
	2005	135	9,408	835	35	376	149	138	119	328	370	576
	2006	95	9,278	809	40	382	176	130	124	299	353	621
	2007	109	8,886	685	31	338	153	130	134	281	328	584
	2008	129	9,295	882	38	314	151	122	126	244	339	575
	# Change 04-08	32	578	244	18	-31	9	11	11	-37	-52	17
	% Change 04-08	33.0%	6.6%	38.2%	90.0%	-9.0%	6.3%	9.9%	9.6%	-13.2%	-13.3%	3.0%
Private Institutions	2004	578	3,977	460	105	160	28	165	593	37	344	0
	2005	518	4,028	430	124	132	111	196	586	40	373	0
	2006	484	4,095	514	124	171	62	192	573	44	352	0
	2007	452	4,148	529	120	141	44	187	545	54	400	1
	2008	512	4,216	513	155	179	57	194	581	67	419	1
	# Change 04-08	-66	239	53	50	19	29	29	-12	30	75	1
	% Change 04-08	-11.4%	6.0%	11.5%	47.6%	11.9%	103.6%	17.6%	-2.0%	81.1%	21.8%	N/A
All Institutions	2004	675	12,694	1,098	125	505	170	276	708	318	735	558
	2005	653	13,436	1,265	159	508	260	334	705	368	743	576
	2006	579	13,373	1,323	164	553	238	322	697	343	705	621
	2007	561	13,034	1,214	151	479	197	317	679	335	728	585
	2008	641	13,511	1,395	193	493	208	316	707	311	758	576
	# Change 04-08	-34	817	297	68	-12	38	40	-1	-7	23	18
	% Change 04-08	-5.0%	6.4%	27.0%	54.4%	-2.4%	22.4%	14.5%	-0.1%	-2.2%	3.1%	3.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 342: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.8%	4.6%	5.8%	0.9%	4.7%	5.2%	2.9%	0.9%	4.7%	5.3%	8.3%
	2005	3.7%	4.8%	7.2%	1.3%	5.1%	4.6%	3.5%	1.0%	5.4%	5.1%	7.9%
	2006	2.6%	4.7%	6.8%	1.6%	5.1%	5.0%	3.3%	1.0%	4.7%	4.7%	8.1%
	2007	2.7%	4.5%	6.2%	1.2%	4.6%	4.2%	3.2%	1.1%	4.3%	4.2%	7.5%
	2008	3.1%	4.6%	7.0%	1.3%	4.1%	3.9%	3.1%	1.1%	3.6%	4.3%	7.2%
Private Institutions	2004	5.1%	2.4%	2.7%	2.9%	1.2%	0.5%	5.3%	2.6%	1.7%	3.2%	0.0%
	2005	4.4%	2.4%	2.7%	3.2%	0.8%	1.7%	6.0%	2.7%	1.9%	3.3%	0.0%
	2006	4.1%	2.2%	3.1%	3.3%	1.1%	0.8%	5.7%	2.4%	1.9%	2.9%	0.0%
	2007	3.9%	2.2%	3.3%	3.2%	0.9%	0.5%	5.2%	2.3%	2.3%	3.1%	0.0%
	2008	4.2%	2.2%	3.2%	4.2%	1.1%	0.6%	5.5%	2.5%	2.7%	3.1%	0.0%
All Institutions	2004	4.5%	3.6%	3.9%	2.1%	2.4%	2.0%	4.0%	2.0%	3.9%	4.0%	6.5%
	2005	4.2%	3.7%	4.6%	2.5%	2.2%	2.6%	4.6%	2.1%	4.4%	4.0%	6.2%
	2006	3.8%	3.5%	4.6%	2.6%	2.4%	2.0%	4.4%	1.9%	4.0%	3.6%	6.3%
	2007	3.6%	3.4%	4.5%	2.4%	2.1%	1.5%	4.1%	1.9%	3.8%	3.5%	5.8%
	2008	3.9%	3.5%	4.9%	3.0%	2.0%	1.5%	4.2%	2.0%	3.4%	3.6%	5.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 343: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10	1,156	125	8	36	29	25	9	31	40	77
	2005	8	1,195	138	3	49	29	16	21	40	46	74
	2006	5	1,292	156	6	46	34	16	20	31	70	79
	2007	12	1,403	161	10	65	37	11	18	48	41	99
	2008	18	1,523	198	10	53	33	17	23	42	71	86
	# Change 04-08	8	367	73	2	17	4	-8	14	11	31	9
	% Change 04-08	80.0%	31.7%	58.4%	25.0%	47.2%	13.8%	-32.0%	155.6%	35.5%	77.5%	11.7%
Private Institutions	2004	91	495	97	4	38	0	18	63	13	34	0
	2005	117	518	115	2	29	0	19	55	15	46	0
	2006	100	561	102	3	40	0	23	65	20	52	0
	2007	130	592	82	10	38	0	33	85	17	54	0
	2008	112	631	85	7	36	0	24	88	29	89	0
	# Change 04-08	21	136	-12	3	-2	0	6	25	16	55	0
	% Change 04-08	23.1%	27.5%	-12.4%	75.0%	-5.3%	N/A	33.3%	39.7%	123.1%	161.8%	N/A
All Institutions	2004	101	1,651	222	12	74	29	43	72	44	74	77
	2005	125	1,713	253	5	78	29	35	76	55	92	74
	2006	105	1,853	258	9	86	34	39	85	51	122	79
	2007	142	1,995	243	20	103	37	44	103	65	95	99
	2008	130	2,154	283	17	89	33	41	111	71	160	86
	# Change 04-08	29	503	61	5	15	4	-2	39	27	86	9
	% Change 04-08	28.7%	30.5%	27.5%	41.7%	20.3%	13.8%	-4.7%	54.2%	61.4%	116.2%	11.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 344: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.2%	2.8%	4.9%	1.9%	2.8%	3.2%	2.7%	0.6%	2.5%	2.0%	4.6%
	2005	2.6%	2.8%	5.7%	0.7%	3.7%	2.9%	1.8%	1.4%	3.2%	2.3%	4.4%
	2006	1.8%	3.0%	6.2%	1.3%	3.5%	3.3%	2.0%	1.4%	2.5%	3.5%	4.4%
	2007	3.7%	3.2%	6.2%	2.4%	4.7%	3.4%	1.3%	1.2%	3.8%	2.0%	5.6%
	2008	6.0%	3.4%	7.1%	2.5%	3.9%	3.3%	1.9%	1.6%	3.1%	3.5%	4.9%
Private Institutions	2004	2.6%	1.1%	2.0%	0.7%	1.3%	0.0%	2.9%	1.2%	1.3%	1.2%	0.0%
	2005	3.3%	1.1%	2.2%	0.3%	0.9%	0.0%	2.6%	0.9%	1.4%	1.5%	0.0%
	2006	2.7%	1.2%	2.1%	0.5%	1.3%	0.0%	3.4%	1.1%	2.0%	1.6%	0.0%
	2007	3.3%	1.2%	1.7%	1.7%	1.1%	0.0%	4.8%	1.5%	1.6%	1.6%	0.0%
	2008	3.1%	1.3%	1.7%	1.2%	1.1%	0.0%	3.7%	1.5%	2.8%	2.6%	0.0%
All Institutions	2004	2.7%	2.0%	3.0%	1.2%	1.7%	1.4%	2.8%	1.1%	2.0%	1.5%	3.0%
	2005	3.3%	1.9%	3.3%	0.5%	1.7%	1.3%	2.1%	1.0%	2.4%	1.9%	2.7%
	2006	2.6%	2.1%	3.5%	0.8%	1.9%	1.4%	2.6%	1.2%	2.3%	2.3%	2.8%
	2007	3.3%	2.2%	3.2%	2.0%	2.2%	1.4%	2.8%	1.5%	2.8%	1.7%	3.5%
	2008	3.3%	2.3%	3.6%	1.7%	1.9%	1.3%	2.7%	1.5%	3.0%	2.9%	3.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 345: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	19	558	29	15	5	16	29	73	10	13	13
	2005	8	574	34	6	3	9	46	77	24	9	10
	2006	6	458	24	1	3	3	31	80	11	7	9
	2007	9	476	30	7	3	5	35	78	15	9	6
	2008	3	533	24	5	6	2	22	71	3	8	2
	# Change 04-08	-16	-25	-5	-10	1	-14	-7	-2	-7	-5	-11
	% Change 04-08	-84.2%	-4.5%	-17.2%	-66.7%	20.0%	-87.5%	-24.1%	-2.7%	-70.0%	-38.5%	-84.6%
Private Institutions	2004	8	248	79	2	24	0	14	33	0	4	2
	2005	4	119	14	0	13	4	0	22	0	5	3
	2006	1	60	3	0	14	0	1	9	0	2	0
	2007	2	126	1	0	15	0	3	18	0	1	0
	2008	0	76	11	2	19	4	3	11	0	2	0
	# Change 04-08	-8	-172	-68	0	-5	4	-11	-22	0	-2	-2
	% Change 04-08	-100.0%	-69.4%	-86.1%	0.0%	-20.8%	N/A	-78.6%	-66.7%	N/A	-50.0%	-100.0%
All Institutions	2004	27	806	108	17	29	16	43	106	10	17	15
	2005	12	693	48	6	16	13	46	99	24	14	13
	2006	7	518	27	1	17	3	32	89	11	9	9
	2007	11	602	31	7	18	5	38	96	15	10	6
	2008	3	609	35	7	25	6	25	82	3	10	2
	# Change 04-08	-24	-197	-73	-10	-4	-10	-18	-24	-7	-7	-13
	% Change 04-08	-88.9%	-24.4%	-67.6%	-58.8%	-13.8%	-62.5%	-41.9%	-22.6%	-70.0%	-41.2%	-86.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 346: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.5%	3.4%	0.7%	12.0%	2.5%	7.2%	5.9%	3.5%	6.6%	7.3%	6.3%
	2005	1.6%	3.6%	0.8%	5.4%	1.5%	4.1%	6.6%	4.7%	15.0%	5.4%	6.0%
	2006	2.7%	3.1%	0.6%	0.9%	1.5%	1.5%	5.8%	5.0%	6.2%	4.3%	7.3%
	2007	3.5%	3.2%	0.9%	6.3%	1.5%	2.4%	6.7%	3.8%	10.1%	5.8%	5.8%
	2008	1.1%	3.3%	0.7%	4.7%	2.7%	1.2%	3.7%	3.8%	2.5%	6.8%	3.8%
Private Institutions	2004	6.7%	5.1%	6.2%	2.0%	7.5%	0.0%	16.7%	3.5%	0.0%	2.9%	11.8%
	2005	2.3%	2.4%	1.2%	0.0%	2.7%	10.5%	0.0%	2.4%	0.0%	4.0%	8.8%
	2006	0.8%	1.2%	0.2%	0.0%	4.2%	0.0%	1.4%	1.1%	0.0%	1.2%	0.0%
	2007	1.6%	2.0%	0.1%	0.0%	3.3%	0.0%	3.8%	1.8%	0.0%	0.8%	0.0%
	2008	0.0%	1.1%	0.8%	4.1%	4.3%	6.7%	1.9%	0.9%	0.0%	1.7%	0.0%
All Institutions	2004	5.8%	3.8%	1.9%	7.5%	5.5%	6.7%	7.5%	3.5%	5.7%	5.4%	6.7%
	2005	1.8%	3.3%	0.9%	3.6%	2.3%	5.0%	6.3%	3.9%	14.0%	4.8%	6.4%
	2006	2.0%	2.6%	0.5%	0.6%	3.1%	1.4%	5.3%	3.6%	5.8%	2.8%	6.0%
	2007	2.9%	2.8%	0.6%	4.7%	2.8%	2.0%	6.3%	3.1%	9.1%	3.6%	4.3%
	2008	0.7%	2.6%	0.7%	4.5%	3.8%	2.6%	3.3%	2.6%	2.3%	4.2%	2.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 347: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	32	3,609	388	6	95	94	79	124	69	96	98
	2005	16	3,810	465	16	165	89	47	148	41	94	122
	2006	17	3,834	535	11	153	120	66	144	28	90	134
	2007	23	3,467	452	10	132	118	65	142	39	72	95
	2008	18	3,266	388	6	98	122	71	166	22	65	114
	# Change 04-08	-14	-343	0	0	3	28	-8	42	-47	-31	16
	% Change 04-08	-43.8%	-9.5%	0.0%	0.0%	3.2%	29.8%	-10.1%	33.9%	-68.1%	-32.3%	16.3%
Private Institutions	2004	173	1,549	111	35	129	1	50	290	14	170	4
	2005	127	1,497	120	33	113	2	42	241	9	203	2
	2006	111	1,334	113	20	101	4	36	267	7	171	1
	2007	124	1,364	109	22	113	0	41	233	8	224	0
	2008	131	1,326	109	23	111	1	61	238	13	188	2
	# Change 04-08	-42	-223	-2	-12	-18	0	11	-52	-1	18	-2
	% Change 04-08	-24.3%	-14.4%	-1.8%	-34.3%	-14.0%	0.0%	22.0%	-17.9%	-7.1%	10.6%	-50.0%
All Institutions	2004	205	5,158	499	41	224	95	129	414	83	266	102
	2005	143	5,307	585	49	278	91	89	389	50	297	124
	2006	128	5,168	648	31	254	124	102	411	35	261	135
	2007	147	4,831	561	32	245	118	106	375	47	296	95
	2008	149	4,592	497	29	209	123	132	404	35	253	116
	# Change 04-08	-56	-566	-2	-12	-15	28	3	-10	-48	-13	14
	% Change 04-08	-27.3%	-11.0%	-0.4%	-29.3%	-6.7%	29.5%	2.3%	-2.4%	-57.8%	-4.9%	13.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 348: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.0%	13.3%	9.8%	5.6%	16.3%	12.0%	10.6%	5.6%	13.3%	13.5%	11.9%
	2005	4.4%	13.8%	11.1%	7.7%	18.9%	12.9%	7.5%	6.4%	10.9%	12.0%	16.2%
	2006	4.7%	14.1%	12.4%	6.1%	20.0%	16.9%	9.7%	5.9%	5.9%	12.1%	19.1%
	2007	7.3%	13.6%	10.6%	8.6%	20.3%	17.9%	13.3%	5.3%	11.9%	11.5%	19.5%
	2008	6.6%	12.5%	9.9%	4.5%	15.4%	20.9%	13.2%	5.5%	5.4%	10.8%	17.5%
Private Institutions	2004	7.3%	7.4%	5.8%	7.9%	12.2%	0.3%	13.9%	9.4%	4.6%	11.4%	1.8%
	2005	6.0%	7.1%	5.5%	8.5%	10.7%	0.6%	13.3%	8.5%	3.4%	14.2%	0.7%
	2006	5.3%	6.0%	5.0%	4.7%	10.0%	1.2%	13.7%	10.1%	2.5%	12.0%	0.3%
	2007	5.8%	5.8%	4.7%	5.3%	11.8%	0.0%	12.9%	8.2%	2.8%	15.4%	0.0%
	2008	6.5%	6.3%	5.4%	6.1%	13.2%	0.3%	15.4%	8.6%	4.1%	12.5%	0.6%
All Institutions	2004	7.4%	10.7%	8.5%	7.4%	13.7%	8.7%	11.7%	7.8%	10.1%	12.1%	9.8%
	2005	5.8%	10.9%	9.2%	8.2%	14.4%	8.8%	9.5%	7.6%	7.8%	13.4%	12.0%
	2006	5.2%	10.4%	9.8%	5.1%	14.3%	11.8%	10.8%	8.1%	4.6%	12.0%	13.5%
	2007	6.0%	9.9%	8.5%	6.0%	15.2%	12.6%	13.2%	6.8%	7.7%	14.2%	12.6%
	2008	6.5%	9.7%	8.3%	5.7%	14.1%	13.6%	14.1%	7.0%	4.8%	12.0%	11.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 349: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	205	12,283	883	29	546	144	304	420	271	227	311
	2005	98	11,701	1,053	67	452	132	283	392	144	242	307
	2006	99	10,091	1,016	51	444	118	279	351	193	173	272
	2007	119	8,419	754	29	351	100	242	304	191	138	156
	2008	138	9,829	999	26	451	115	296	393	271	151	222
	# Change 04-08	-67	-2,454	116	-3	-95	-29	-8	-27	0	-76	-89
	% Change 04-08	-32.7%	-20.0%	13.1%	-10.3%	-17.4%	-20.1%	-2.6%	-6.4%	0.0%	-33.5%	-28.6%
Private Institutions	2004	521	4,025	1,098	161	343	1	191	720	0	295	0
	2005	421	3,841	973	164	324	2	202	769	0	286	1
	2006	432	3,925	960	189	347	5	230	801	3	385	0
	2007	379	3,886	881	180	337	3	202	852	6	438	0
	2008	399	4,456	994	314	347	2	282	981	5	503	0
	# Change 04-08	-122	431	-104	153	4	1	91	261	5	208	0
	% Change 04-08	-23.4%	10.7%	-9.5%	95.0%	1.2%	100.0%	47.6%	36.3%	N/A	70.5%	N/A
All Institutions	2004	726	16,308	1,981	190	889	145	495	1,140	271	522	311
	2005	519	15,542	2,026	231	776	134	485	1,161	144	528	308
	2006	531	14,016	1,976	240	791	123	509	1,152	196	558	272
	2007	498	12,305	1,635	209	688	103	444	1,156	197	576	156
	2008	537	14,285	1,993	340	798	117	578	1,374	276	654	222
	# Change 04-08	-189	-2,023	12	150	-91	-28	83	234	5	132	-89
	% Change 04-08	-26.0%	-12.4%	0.6%	78.9%	-10.2%	-19.3%	16.8%	20.5%	1.8%	25.3%	-28.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 350: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	29.4%	28.4%	20.5%	11.8%	21.6%	19.7%	28.6%	16.9%	30.3%	19.9%	26.7%
	2005	20.8%	28.5%	24.9%	22.9%	20.5%	18.7%	28.2%	16.4%	20.6%	21.2%	27.7%
	2006	20.5%	26.4%	25.8%	18.3%	21.0%	18.0%	29.0%	15.4%	24.3%	17.4%	23.3%
	2007	22.8%	23.8%	21.4%	11.9%	17.7%	14.5%	28.6%	13.7%	24.6%	14.1%	21.1%
	2008	24.4%	25.6%	27.0%	9.9%	18.2%	15.2%	29.6%	16.0%	28.8%	14.1%	18.7%
Private Institutions	2004	12.3%	11.3%	24.7%	15.7%	9.4%	0.4%	25.4%	9.3%	0.0%	11.9%	0.0%
	2005	11.1%	10.7%	21.6%	15.5%	9.9%	0.8%	29.1%	10.3%	0.0%	13.9%	0.4%
	2006	11.5%	10.5%	21.6%	19.7%	10.7%	1.9%	27.3%	10.3%	1.4%	15.8%	0.0%
	2007	10.3%	10.6%	20.5%	19.4%	10.9%	1.4%	24.1%	10.2%	3.4%	17.7%	0.0%
	2008	9.9%	11.7%	21.2%	27.2%	10.3%	0.9%	27.7%	10.8%	2.4%	20.5%	0.0%
All Institutions	2004	14.7%	20.7%	22.7%	15.0%	14.4%	14.8%	27.3%	11.1%	24.5%	14.4%	23.3%
	2005	12.2%	20.2%	23.2%	17.1%	14.2%	13.8%	28.6%	11.7%	16.3%	16.5%	23.0%
	2006	12.6%	18.5%	23.5%	19.4%	14.8%	13.3%	28.2%	11.5%	19.6%	16.3%	20.0%
	2007	11.8%	17.1%	20.9%	17.8%	13.6%	11.3%	26.4%	11.0%	20.6%	16.7%	17.4%
	2008	11.7%	18.6%	23.7%	24.0%	13.6%	11.8%	28.6%	12.0%	24.0%	18.6%	16.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 351: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25	2,666	232	24	109	51	62	66	76	98	86
	2005	18	3,059	296	32	143	60	64	89	81	116	115
	2006	35	3,532	356	38	130	84	72	90	107	130	137
	2007	40	3,832	380	32	81	83	93	89	124	138	126
	2008	41	3,782	372	36	198	75	73	100	92	126	150
	# Change 04-08	16	1,116	140	12	89	24	11	34	16	28	64
	% Change 04-08	64.0%	41.9%	60.3%	50.0%	81.7%	47.1%	17.7%	51.5%	21.1%	28.6%	74.4%
Private Institutions	2004	142	953	195	12	67	0	53	183	5	111	0
	2005	152	1,082	199	15	72	0	56	207	2	135	0
	2006	189	1,202	238	20	79	0	69	224	1	122	0
	2007	199	1,286	289	10	81	0	64	237	1	141	0
	2008	185	1,193	222	20	76	0	58	213	1	151	0
	# Change 04-08	43	240	27	8	9	0	5	30	-4	40	0
	% Change 04-08	30.3%	25.2%	13.8%	66.7%	13.4%	N/A	9.4%	16.4%	-80.0%	36.0%	N/A
All Institutions	2004	167	3,619	427	36	176	51	115	249	81	209	86
	2005	170	4,141	495	47	215	60	120	296	83	251	115
	2006	224	4,734	594	58	209	84	141	314	108	252	137
	2007	239	5,118	669	42	162	83	157	326	125	279	126
	2008	226	4,975	594	56	274	75	131	313	93	277	150
	# Change 04-08	59	1,356	167	20	98	24	16	64	12	68	64
	% Change 04-08	35.3%	37.5%	39.1%	55.6%	55.7%	47.1%	13.9%	25.7%	14.8%	32.5%	74.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 352: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.0%	29.4%	30.5%	27.6%	27.5%	25.9%	25.1%	16.7%	34.1%	21.0%	39.1%
	2005	16.1%	29.9%	31.4%	28.3%	29.3%	25.2%	26.7%	18.9%	32.8%	23.0%	38.7%
	2006	27.1%	30.6%	34.1%	28.8%	22.7%	29.3%	26.1%	17.5%	34.3%	25.0%	41.9%
	2007	29.2%	31.0%	32.1%	21.9%	24.2%	26.2%	32.7%	17.6%	37.9%	24.4%	39.5%
	2008	25.6%	29.9%	33.3%	25.2%	32.6%	26.8%	23.5%	17.3%	30.8%	22.3%	39.3%
Private Institutions	2004	18.3%	16.8%	21.5%	7.9%	13.1%	0.0%	28.8%	17.3%	20.8%	27.3%	0.0%
	2005	18.5%	17.5%	21.7%	10.4%	14.0%	0.0%	30.6%	18.2%	4.9%	25.8%	0.0%
	2006	20.8%	18.3%	23.1%	15.4%	15.5%	0.0%	32.7%	18.3%	4.0%	23.7%	0.0%
	2007	21.2%	19.2%	28.2%	7.4%	15.1%	0.0%	33.0%	18.2%	2.9%	28.1%	0.0%
	2008	19.1%	17.8%	21.1%	13.8%	14.8%	0.0%	31.0%	16.0%	3.7%	31.7%	0.0%
All Institutions	2004	18.5%	24.5%	25.6%	15.1%	19.4%	21.6%	26.7%	17.1%	32.8%	23.9%	32.5%
	2005	18.2%	25.2%	26.6%	18.3%	21.4%	21.5%	28.4%	18.4%	28.8%	24.4%	35.4%
	2006	21.6%	26.2%	28.7%	22.1%	19.3%	26.1%	29.0%	18.1%	32.0%	24.4%	37.6%
	2007	22.2%	26.8%	30.3%	14.9%	18.6%	21.3%	32.8%	18.0%	34.6%	26.1%	35.7%
	2008	20.0%	25.7%	27.4%	19.4%	24.4%	23.4%	26.3%	16.4%	28.5%	26.6%	36.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 353: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	757	37,940	2,223	366	1,021	1,193	542	1,540	1,607	1,361	1,005
	2005	676	38,833	2,078	269	1,276	1,021	530	1,606	1,404	1,330	1,011
	2006	683	36,949	1,936	308	1,134	808	629	1,488	1,263	1,234	1,057
	2007	628	37,563	1,867	275	1,077	824	648	1,465	1,404	1,061	982
	2008	584	38,924	2,004	322	1,142	853	718	1,578	1,484	1,103	584
	# Change 04-08	-173	984	-219	-44	121	-340	176	38	-123	-258	-421
	% Change 04-08	-22.9%	2.6%	-9.9%	-12.0%	11.9%	-28.5%	32.5%	2.5%	-7.7%	-19.0%	-41.9%
Private Institutions	2004	498	25,415	3,579	291	1,194	269	565	1,528	22	1,832	927
	2005	374	21,216	2,558	196	774	217	430	1,088	5	1,610	773
	2006	295	18,132	1,510	186	621	222	285	802	2	1,403	631
	2007	459	17,762	1,196	182	489	201	196	1,132	1	1,344	583
	2008	422	18,861	1,267	203	649	290	210	904	0	1,346	589
	# Change 04-08	-76	-6,554	-2,312	-88	-545	21	-355	-624	-22	-486	-338
	% Change 04-08	-15.3%	-25.8%	-64.6%	-30.2%	-45.6%	7.8%	-62.8%	-40.8%	-100.0%	-26.5%	-36.5%
All Institutions	2004	1,255	63,355	5,802	657	2,215	1,462	1,107	3,068	1,629	3,193	1,932
	2005	1,050	60,049	4,636	465	2,050	1,238	960	2,694	1,409	2,940	1,784
	2006	978	55,081	3,446	494	1,755	1,030	914	2,290	1,265	2,637	1,688
	2007	1,087	55,325	3,063	457	1,566	1,025	844	2,597	1,405	2,405	1,565
	2008	1,006	57,785	3,271	525	1,791	1,143	928	2,482	1,484	2,449	1,173
	# Change 04-08	-249	-5,570	-2,531	-132	-424	-319	-179	-586	-145	-744	-759
	% Change 04-08	-19.8%	-8.8%	-43.6%	-20.1%	-19.1%	-21.8%	-16.2%	-19.1%	-8.9%	-23.3%	-39.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 354: Associate's Degrees and Certificates Below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.0%	4.3%	1.9%	8.7%	2.1%	5.2%	3.9%	3.7%	5.3%	7.4%	6.5%
	2005	6.1%	4.2%	1.7%	6.1%	2.5%	4.5%	3.7%	3.7%	4.4%	7.0%	6.5%
	2006	6.0%	4.0%	1.6%	7.0%	2.3%	3.4%	4.2%	3.4%	4.0%	6.4%	6.7%
	2007	5.6%	3.9%	1.5%	5.9%	2.1%	3.4%	4.1%	3.3%	4.3%	5.4%	6.1%
	2008	5.1%	4.0%	1.6%	6.7%	2.2%	3.7%	4.3%	3.6%	4.4%	5.3%	3.3%
Private Institutions	2004	5.9%	5.5%	5.2%	4.6%	7.2%	4.4%	4.2%	4.1%	0.6%	6.5%	9.4%
	2005	3.8%	4.4%	3.5%	2.7%	3.4%	3.2%	3.0%	3.0%	0.1%	5.4%	7.4%
	2006	3.2%	3.6%	2.0%	2.6%	2.5%	3.3%	2.0%	2.3%	0.0%	4.3%	6.2%
	2007	4.8%	3.4%	1.6%	2.4%	2.1%	3.1%	1.5%	3.1%	0.0%	4.2%	5.5%
	2008	4.3%	3.4%	1.6%	2.6%	2.6%	4.2%	1.5%	2.6%	0.0%	4.2%	5.2%
All Institutions	2004	6.5%	4.8%	3.1%	6.2%	3.4%	5.1%	4.1%	3.9%	4.8%	6.9%	7.6%
	2005	5.0%	4.3%	2.3%	4.0%	2.8%	4.2%	3.4%	3.4%	3.9%	6.0%	6.9%
	2006	4.7%	3.8%	1.8%	4.2%	2.4%	3.4%	3.1%	2.9%	3.4%	5.1%	6.5%
	2007	5.2%	3.7%	1.5%	3.8%	2.1%	3.4%	2.9%	3.2%	3.8%	4.6%	5.9%
	2008	4.7%	3.8%	1.6%	4.2%	2.4%	3.8%	3.1%	3.2%	3.9%	4.6%	4.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 355: Number of Bachelor's Degrees in Engineering and Engineering Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	530	56,755	5,974	376	2,321	815	1,009	1,438	2,439	2,266	1,692
	2005	572	58,216	6,476	413	2,289	1,020	956	1,668	2,194	2,424	1,880
	2006	580	59,980	6,984	439	2,287	955	1,026	1,628	2,036	2,488	2,123
	2007	596	60,514	6,870	484	2,297	959	1,071	1,635	2,307	2,533	2,189
	2008	586	61,834	6,835	527	2,211	1,014	1,033	1,784	2,127	2,683	2,294
	# Change 04-08	56	5,079	861	151	-110	199	24	346	-312	417	602
	% Change 04-08	10.6%	8.9%	14.4%	40.2%	-4.7%	24.4%	2.4%	24.1%	-12.8%	18.4%	35.6%
Private Institutions	2004	1,983	18,488	1,523	217	957	60	447	2,999	338	1,887	51
	2005	1,916	18,195	1,451	229	818	56	478	3,167	308	1,993	43
	2006	2,127	18,191	1,261	202	820	67	414	3,166	275	1,948	36
	2007	2,106	18,591	1,217	272	789	55	375	3,465	265	2,025	41
	2008	2,224	19,056	1,272	274	780	77	462	3,528	269	2,131	49
	# Change 04-08	241	568	-251	57	-177	17	15	529	-69	244	-2
	% Change 04-08	12.2%	3.1%	-16.5%	26.3%	-18.5%	28.3%	3.4%	17.6%	-20.4%	12.9%	-3.9%
All Institutions	2004	2,513	75,243	7,497	593	3,278	875	1,456	4,437	2,777	4,153	1,743
	2005	2,488	76,411	7,927	642	3,107	1,076	1,434	4,835	2,502	4,417	1,923
	2006	2,707	78,171	8,245	641	3,107	1,022	1,440	4,794	2,311	4,436	2,159
	2007	2,702	79,105	8,087	756	3,086	1,014	1,446	5,100	2,572	4,558	2,230
	2008	2,810	80,890	8,107	801	2,991	1,091	1,495	5,312	2,396	4,814	2,343
	# Change 04-08	297	5,647	610	208	-287	216	39	875	-381	661	600
	% Change 04-08	11.8%	7.5%	8.1%	35.1%	-8.8%	24.7%	2.7%	19.7%	-13.7%	15.9%	34.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 356: Bachelor's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.8%	6.2%	5.7%	4.4%	7.2%	4.6%	4.7%	3.3%	8.4%	6.0%	6.1%
	2005	4.0%	6.1%	5.9%	4.7%	7.1%	5.6%	4.2%	3.6%	7.5%	6.1%	6.6%
	2006	4.0%	6.1%	6.2%	4.5%	7.1%	5.1%	4.4%	3.5%	6.9%	6.1%	7.1%
	2007	4.0%	6.1%	6.0%	4.9%	6.8%	5.0%	4.6%	3.4%	7.7%	6.2%	7.1%
	2008	3.8%	6.1%	5.8%	5.1%	6.5%	5.2%	4.3%	3.6%	6.7%	6.5%	7.3%
Private Institutions	2004	6.0%	3.5%	4.1%	2.5%	3.3%	0.5%	5.3%	4.6%	2.5%	4.7%	0.6%
	2005	5.8%	3.4%	3.8%	2.7%	2.4%	0.5%	5.4%	4.8%	2.3%	4.8%	0.5%
	2006	6.2%	3.3%	3.2%	2.3%	2.2%	0.6%	4.7%	4.8%	2.1%	4.6%	0.4%
	2007	6.1%	3.2%	3.1%	2.9%	2.0%	0.4%	4.2%	5.0%	1.9%	4.7%	0.4%
	2008	6.2%	3.2%	3.0%	2.9%	2.1%	0.6%	4.9%	5.1%	1.9%	4.8%	0.4%
All Institutions	2004	5.4%	5.2%	5.2%	3.4%	5.4%	3.0%	4.9%	4.1%	6.6%	5.3%	4.8%
	2005	5.3%	5.1%	5.4%	3.7%	4.7%	3.6%	4.5%	4.3%	5.9%	5.5%	5.0%
	2006	5.5%	5.1%	5.4%	3.5%	4.5%	3.3%	4.5%	4.3%	5.4%	5.3%	5.4%
	2007	5.4%	5.0%	5.2%	3.9%	4.3%	3.2%	4.4%	4.4%	5.9%	5.4%	5.4%
	2008	5.5%	5.0%	5.1%	4.1%	4.1%	3.4%	4.5%	4.5%	5.2%	5.6%	5.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 357: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	125	12,977	1,495	33	481	175	243	191	388	468	778
	2005	207	14,198	2,086	53	531	176	306	213	455	429	770
	2006	138	14,304	2,031	59	514	224	283	205	435	428	809
	2007	151	13,934	1,878	53	462	195	298	210	433	385	829
	2008	167	14,456	2,328	54	427	193	299	219	408	402	755
	# Change 04-08	42	1,479	833	21	-54	18	56	28	20	-66	-23
	% Change 04-08	33.6%	11.4%	55.7%	63.6%	-11.2%	10.3%	23.0%	14.7%	5.2%	-14.1%	-3.0%
Private Institutions	2004	966	6,731	1,032	171	258	32	301	1,073	77	563	0
	2005	829	6,809	1,016	185	217	149	386	1,048	77	611	0
	2006	802	6,983	1,158	206	227	65	412	1,045	98	592	0
	2007	830	7,320	1,239	184	222	55	448	988	127	662	2
	2008	869	7,845	1,203	258	270	80	411	1,021	160	681	202
	# Change 04-08	-97	1,114	171	87	12	48	110	-52	83	118	202
	% Change 04-08	-10.0%	16.6%	16.6%	50.9%	4.7%	150.0%	36.5%	-4.8%	107.8%	21.0%	N/A
All Institutions	2004	1,091	19,708	2,527	204	739	207	544	1,264	465	1,031	778
	2005	1,036	21,007	3,102	238	748	325	692	1,261	532	1,040	770
	2006	940	21,287	3,189	265	741	289	695	1,250	533	1,020	809
	2007	981	21,254	3,117	237	684	250	746	1,198	560	1,047	831
	2008	1,036	22,301	3,531	312	697	273	710	1,240	568	1,083	957
	# Change 04-08	-55	2,593	1,004	108	-42	66	166	-24	103	52	179
	% Change 04-08	-5.0%	13.2%	39.7%	52.9%	-5.7%	31.9%	30.5%	-1.9%	22.2%	5.0%	23.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 358: Certificates Above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.7%	5.1%	6.9%	1.1%	5.1%	4.7%	4.1%	1.1%	5.2%	5.2%	8.9%
	2005	4.3%	5.3%	8.9%	1.6%	5.5%	4.1%	4.9%	1.3%	5.8%	4.9%	8.2%
	2006	2.8%	5.2%	8.2%	1.8%	5.3%	4.9%	4.5%	1.2%	5.3%	4.6%	8.1%
	2007	3.0%	5.1%	7.9%	1.6%	4.7%	4.2%	4.6%	1.3%	5.1%	4.0%	8.0%
	2008	3.1%	5.1%	8.7%	1.4%	4.2%	3.9%	4.7%	1.3%	4.6%	4.1%	7.1%
Private Institutions	2004	4.8%	2.5%	3.3%	3.5%	1.3%	0.4%	6.0%	2.6%	2.5%	3.7%	0.0%
	2005	4.1%	2.5%	3.5%	3.5%	0.9%	1.7%	7.1%	2.7%	2.5%	3.8%	0.0%
	2006	3.8%	2.4%	3.8%	3.9%	0.9%	0.6%	7.4%	2.5%	2.9%	3.5%	0.0%
	2007	4.0%	2.4%	4.0%	3.6%	0.9%	0.5%	7.7%	2.3%	3.5%	3.7%	0.1%
	2008	4.0%	2.5%	3.8%	5.1%	1.0%	0.6%	6.8%	2.5%	4.3%	3.6%	4.8%
All Institutions	2004	4.4%	3.8%	4.8%	2.5%	2.5%	1.8%	5.0%	2.2%	4.4%	4.3%	6.9%
	2005	4.1%	3.9%	5.9%	2.7%	2.3%	2.5%	6.0%	2.3%	4.9%	4.2%	6.3%
	2006	3.7%	3.7%	5.7%	3.1%	2.1%	1.9%	5.9%	2.1%	4.6%	3.9%	6.3%
	2007	3.8%	3.6%	5.7%	2.8%	2.0%	1.5%	6.1%	2.0%	4.6%	3.8%	6.0%
	2008	3.8%	3.7%	6.0%	3.5%	1.9%	1.5%	5.7%	2.2%	4.5%	3.8%	6.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 359: Number of Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	16	1,648	222	10	51	35	43	11	53	48	100
	2005	16	1,691	225	6	63	40	25	28	51	56	91
	2006	8	1,911	278	14	57	42	27	30	41	81	96
	2007	21	2,144	281	20	168	42	23	30	62	50	123
	2008	27	2,247	349	17	73	38	38	37	62	77	113
	# Change 04-08	11	599	127	7	22	3	-5	26	9	29	13
	% Change 04-08	68.8%	36.3%	57.2%	70.0%	43.1%	8.6%	-11.6%	236.4%	17.0%	60.4%	13.0%
Private Institutions	2004	130	722	148	9	55	0	25	92	30	52	0
	2005	160	785	168	3	41	0	26	94	36	72	0
	2006	174	860	154	6	58	0	36	101	47	78	0
	2007	217	891	145	10	52	0	46	116	40	77	0
	2008	195	990	154	10	53	0	30	119	57	121	0
	# Change 04-08	65	268	6	1	-2	0	5	27	27	69	0
	% Change 04-08	50.0%	37.1%	4.1%	11.1%	-3.6%	N/A	20.0%	29.3%	90.0%	132.7%	N/A
All Institutions	2004	146	2,370	370	19	106	35	68	103	83	100	100
	2005	176	2,476	393	9	104	40	51	122	87	128	91
	2006	182	2,771	432	20	115	42	63	131	88	159	96
	2007	238	3,035	426	30	220	42	69	146	102	127	123
	2008	222	3,237	503	27	126	38	68	156	119	198	113
	# Change 04-08	76	867	133	8	20	3	0	53	36	98	13
	% Change 04-08	52.1%	36.6%	35.9%	42.1%	18.9%	8.6%	0.0%	51.5%	43.4%	98.0%	13.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 360: Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 20)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.9%	3.0%	4.9%	1.9%	2.8%	3.2%	2.7%	0.5%	3.4%	1.8%	4.5%
	2005	3.8%	2.9%	5.1%	1.1%	3.4%	3.3%	1.6%	1.3%	3.2%	2.2%	4.1%
	2006	2.2%	3.3%	6.0%	2.2%	3.0%	3.4%	1.8%	1.4%	2.5%	3.0%	4.2%
	2007	4.9%	3.5%	5.8%	3.4%	7.7%	3.1%	1.5%	1.4%	3.7%	1.9%	5.4%
	2008	7.1%	3.5%	6.7%	3.0%	3.7%	3.0%	2.2%	1.7%	3.5%	2.8%	4.7%
Private Institutions	2004	2.4%	1.1%	1.8%	1.0%	1.3%	0.0%	3.0%	1.0%	2.3%	1.3%	0.0%
	2005	2.8%	1.2%	1.9%	0.3%	0.9%	0.0%	2.6%	1.0%	2.6%	1.7%	0.0%
	2006	2.9%	1.2%	1.8%	0.7%	1.3%	0.0%	3.9%	1.1%	3.4%	1.7%	0.0%
	2007	3.4%	1.2%	1.6%	1.1%	1.1%	0.0%	4.7%	1.2%	2.6%	1.6%	0.0%
	2008	3.3%	1.4%	1.7%	1.2%	1.1%	0.0%	3.4%	1.2%	3.7%	2.5%	0.0%
All Institutions	2004	2.5%	2.0%	2.9%	1.3%	1.8%	1.4%	2.8%	0.9%	2.9%	1.5%	2.9%
	2005	2.9%	2.0%	3.0%	0.6%	1.6%	1.5%	2.0%	1.1%	2.9%	1.9%	2.5%
	2006	2.9%	2.2%	3.3%	1.3%	1.8%	1.4%	2.6%	1.1%	2.9%	2.2%	2.6%
	2007	3.5%	2.3%	3.1%	2.0%	3.1%	1.2%	2.7%	1.3%	3.2%	1.7%	3.1%
	2008	3.5%	2.4%	3.5%	1.9%	1.8%	1.1%	2.6%	1.3%	3.6%	2.6%	2.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

In 2008, 4.6% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Engineering and Engineering Technologies/Technicians. This percentage was higher than the national average (3.7%) and higher than in eight of the nine comparison states (Massachusetts was tied with Pennsylvania for the highest percentage at 4.6%). Among female students in Massachusetts, the percentage was 0.7%. This was lower than the national average among female students (0.8%) and lower than in five of the comparison states (Virginia had the highest percentage among female students at 1.1%). Among male students in Massachusetts, the percentage was 13.0%. This was higher than the national average among male students (8.5%) and higher than in all of the comparison states. Among Asian students in Massachusetts, the percentage was 7.8%. This was higher than the national average among Asian students (3.1%) and higher than in all of the comparison states. Among Black students in Massachusetts, the percentage was 5.5%. This was higher than the national average among Black students (2.9%) and higher than in all of the comparison states. Among Hispanic students in Massachusetts, the percentage was 5.4%. This was higher than the national average among Hispanic students (4.6%) and higher than in eight of the comparison states (Virginia had the highest percentage among Hispanic students at 5.7%). Among White students in Massachusetts, the percentage was 4.6%. This was higher than the national average among White students (4.0%) and higher than in seven of the comparison states (Pennsylvania had the highest percentage among White students at 5.6%).

In 2008, female students earned 10.7% of the Associate's Degrees and Certificates below Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 13.7% for degrees earned by female students and lower than the percentage in five of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 18.3%). Male students earned 89.3% of the Associate's Degrees and Certificates below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 86.3% for degrees earned by male students and higher than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by male students at 90.3%). Asian students earned 6.5% of the Associate's Degrees and Certificates below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 3.8% for degrees earned by Asian students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Asian students at 11.2%). Black students earned 11.6% of the Associate's Degrees and Certificates below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 11.2% for degrees earned by Black students but lower than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 26.0%). Hispanic students earned 10.6% of the Associate's Degrees and Certificates below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 18.1% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 42.3%). White students earned 61.8% of the Associate's Degrees and Certificates below Bachelor's Degrees in Engineering and Engineering Technologies/Technicians granted in but lower than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 86.3%).

In 2008, 5.5% of all Bachelor's degrees granted in Massachusetts were in Engineering and Engineering Technologies/Technicians. This percentage was higher than the national average (5.1%) and higher than the percentage in seven of the nine comparison states (Pennsylvania had the highest percentage at 5.8%). Among female students in Massachusetts, the percentage was 2.3%. This was higher than the national average among female students (1.5%) and higher than in all of the comparison states. Among male students in Massachusetts, the percentage was 10.0%. This was equal to the national average among male students (10.0%) but higher than in five of the comparison states (Pennsylvania and Virginia had the highest percentage among male students at 10.9%). Among Asian students in



Massachusetts, the percentage was 9.0%. This was higher than the national average among Asian students (8.5%) and higher than in five of the comparison states (North Carolina had the highest percentage among Asian students at 11.2%). Among Black students in Massachusetts, the percentage was 4.3%. This was higher than the national average among Black students (3.0%) and higher than in all of the comparison states. Among Hispanic students in Massachusetts, the percentage was 5.9%. This was higher than the national average among Hispanic students (4.7%) and higher than in all of the comparison states. Among White students in Massachusetts, the percentage was 5.3%. This was higher than the national average among White students (5.1%) and higher than in seven of the comparison states (Pennsylvania had the highest percentage among White students at 5.7%).

In 2008, female students earned 23.9% of the Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 17.1% for degrees earned by female students and higher than the percentage in all of the nine comparison states. Male students earned 76.1% of the Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 82.9% for degrees earned by male students and lower than the percentage in all of the comparison states (Illinois had the highest percentage of degrees earned by male students at 84.5%). Asian students earned 11.8% of the Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 10.8% for degrees earned by Asian students but lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Asian students at 35.0%). Black students earned 4.3% of the Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 5.2% for degrees earned by Black students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 11.4%). Hispanic students earned 5.3% of the Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 7.5% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 13.1%). White students earned 63.8% of the Bachelor's degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 65.8% for degrees earned by White students and lower than the percentage in five of the comparison states (Pennsylvania had the highest percentage of degrees earned by White students at 78.2%).

In 2008, 5.0% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Engineering and Engineering Technologies/Technicians. This percentage was lower than the national average (5.4%) and lower than the percentage in six of the nine comparison states (New Jersey had the highest percentage at 8.9%). Among female students in Massachusetts, the percentage was 2.1%. This was lower than the national average among female students (2.0%) and lower than in four of the comparison states (New Jersey had the highest percentage among female students at 3.8%). Among male students in Massachusetts, the percentage was 9.4%. This was lower than the national average among male students (10.5%) and lower than in six of the comparison states (New Jersey had the highest percentage among male students at 15.5%). Among Asian students in Massachusetts, the percentage was 7.7%. This was lower than the national average among Asian students (10.6%) and lower than in six of the comparison states (Virginia had the highest percentage among Asian students at 30.1%). Among Black students in Massachusetts, the percentage was 1.4%. This was lower than the national average among Black students (1.9%) and lower than in five of the comparison states (North Carolina had the highest percentage among Black students at 5.6%). Among Hispanic students in Massachusetts, the percentage was 3.8%. This was higher than the national average among Hispanic students (3.5%) but lower than in five of the comparison states (New Jersey had the highest percentage among Hispanic students at 9.6%). Among White students in Massachusetts, the percentage was 3.9%. This was higher than the national average among White students (3.5%) and higher than in six of the comparison states (Virginia had the highest percentage among White students at 5.5%).



In 2008, female students earned 26.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 23.0% for degrees earned by female students and higher than the percentage in eight of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 26.4%). Male students earned 74.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 77.0% for degrees earned by male students and lower than the percentage in eight of the comparison states (Connecticut had the highest percentage of degrees earned by male students at 81.9%). Asian students earned 8.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 10.2% for degrees earned by Asian students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Asian students at 23.0%). Black students earned 1.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 3.2% for degrees earned by Black students and lower than the percentage in eight of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 13.2%). Hispanic students earned 2.4% of the Certificates above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 3.8% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Hispanic students at 6.0%). White students earned 40.8% of the Certificates above Bachelor's Degrees and Master's Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 36.9% for degrees earned by White students and higher than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 53.3%).

In 2008, 6.0% of all Doctor's and First Professional Degrees granted in Massachusetts were in Engineering and Engineering Technologies/Technicians. This percentage was higher than the national average (5.3%) and higher than the percentage in seven of the nine comparison states (California had the highest percentage at 6.7%). Among female students in Massachusetts, the percentage was 2.8%. This was higher than the national average among female students (2.2%) and higher than in seven of the comparison states (New Jersey had the highest percentage among female students at 3.8%). Among male students in Massachusetts, the percentage was 9.3%. This was higher than the national average among male students (8.3%) and higher than in seven of the comparison states (California had the highest percentage among male students at 10.2%). Among Asian students in Massachusetts, the percentage was 4.1%. This was higher than the national average among Asian students (3.5%) and higher than in six of the comparison states (North Carolina had the highest percentage among Asian students at 12.3%). Among Black students in Massachusetts, the percentage was 1.9%. This was higher than the national average among Black students (1.4%) and higher than in seven of the comparison states (North Carolina had the highest percentage among Black students at 3.9%). Among Hispanic students in Massachusetts, the percentage was 2.8%. This was higher than the national average among Hispanic students (1.7%) and higher than in eight of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 4.4%). Among White students in Massachusetts, the percentage was 3.3%. This was higher than the national average among White students (2.3%) and higher than in eight of the comparison states (California had the highest percentage among White students at 3.6%).

In 2008, female students earned 24.1% of the Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 21.4% for degrees earned by female students and higher than the percentage in six of the nine comparison states (New Jersey had the highest percentage of degrees earned by female students at 29.1%). Male students earned 75.9% of the Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 78.6% for degrees earned by male students and lower than the



percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by male students at 83.2%). Asian students earned 7.8% of the Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 6.1% for degrees earned by Asian students and higher than the percentage in seven of the comparison states (North Carolina had the highest percentage of degrees earned by Asian students at 13.2%). Black students earned 1.3% of the Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was lower than the national average of 1.6% for degrees earned by Black students but higher than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 6.6%). Hispanic students earned 1.6% of the Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was equal to the national average of 1.6% for degrees earned by Hispanic students but higher than the percentage in eight of the comparison states (Pennsylvania had the highest percentage of degrees earned by Hispanic students at 1.9%). White students earned 29.0% of the Doctor's and First Professional Degrees in Engineering and Engineering Technologies/Technicians granted in Massachusetts. This was higher than the national average of 26.2% for degrees earned by White students and higher than the percentage in five of the comparison states (Pennsylvania had the highest percentage of degrees earned by White students at 33.7%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.



Indicator 21: Number of college students who complete degrees in Health Professions and Clinical Sciences

Table III - 361: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3,112	205,307	15,438	742	12,104	6,601	2,477	7,433	7,051	5,018	5,098
	2005	3,560	227,834	17,029	875	13,701	7,493	2,781	7,878	7,726	5,708	5,142
	2006	3,603	235,707	17,202	867	13,909	8,333	3,080	8,170	8,292	5,770	5,042
	2007	3,538	247,660	18,367	942	14,791	8,355	3,393	8,995	8,486	5,841	5,393
	2008	3,687	256,041	19,411	987	14,630	8,111	3,309	9,056	8,063	6,239	6,430
	# Change 04-08	575	50,734	3,973	245	2,526	1,510	832	1,623	1,012	1,221	1,332
	% Change 04-08	18.5%	24.7%	25.7%	33.0%	20.9%	22.9%	33.6%	21.8%	14.4%	24.3%	26.1%
Private Institutions	2004	2,616	171,330	31,377	2,037	3,326	1,629	4,676	10,644	852	7,327	4,755
	2005	4,246	195,004	32,815	2,629	4,732	1,919	6,241	11,622	937	9,162	5,302
	2006	4,067	208,861	34,323	2,703	6,395	2,295	6,385	9,858	1,015	10,677	5,478
	2007	3,849	222,522	34,841	2,817	7,316	2,488	6,799	11,614	1,199	11,146	5,873
	2008	3,857	235,600	39,789	2,871	7,776	2,543	6,546	10,937	1,387	11,013	6,146
	# Change 04-08	1,241	64,270	8,412	834	4,450	914	1,870	293	535	3,686	1,391
	% Change 04-08	47.4%	37.5%	26.8%	40.9%	133.8%	56.1%	40.0%	2.8%	62.8%	50.3%	29.3%
All Institutions	2004	5,728	376,637	46,815	2,779	15,430	8,230	7,153	18,077	7,903	12,345	9,853
	2005	7,806	422,838	49,844	3,504	18,433	9,412	9,022	19,500	8,663	14,870	10,444
	2006	7,670	444,568	51,525	3,570	20,304	10,628	9,465	18,028	9,307	16,447	10,520
	2007	7,387	470,182	53,208	3,759	22,107	10,843	10,192	20,609	9,685	16,987	11,266
	2008	7,544	491,641	59,200	3,858	22,406	10,654	9,855	19,993	9,450	17,252	12,576
	# Change 04-08	1,816	115,004	12,385	1,079	6,976	2,424	2,702	1,916	1,547	4,907	2,723
	% Change 04-08	31.7%	30.5%	26.5%	38.8%	45.2%	29.5%	37.8%	10.6%	19.6%	39.7%	27.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 362: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	27.8%	23.1%	12.6%	17.1%	25.3%	28.7%	17.3%	16.8%	23.1%	27.2%	32.6%
	2005	30.8%	24.3%	13.1%	19.4%	26.6%	32.8%	18.7%	17.4%	24.2%	29.6%	32.7%
	2006	31.2%	24.9%	13.8%	19.1%	28.0%	35.1%	20.0%	18.0%	25.9%	29.7%	31.7%
	2007	31.1%	25.3%	14.1%	19.8%	28.8%	34.5%	20.8%	19.5%	26.1%	29.3%	33.3%
	2008	31.4%	25.6%	14.7%	20.1%	28.4%	34.6%	19.1%	19.7%	24.1%	30.0%	36.5%
Private Institutions	2004	30.4%	36.8%	44.5%	31.6%	19.6%	26.3%	34.5%	28.1%	22.0%	26.0%	48.2%
	2005	42.4%	39.7%	44.3%	36.5%	20.5%	28.0%	43.1%	31.0%	22.1%	30.4%	50.6%
	2006	43.2%	40.9%	44.7%	36.9%	25.6%	34.5%	44.2%	27.9%	20.9%	32.7%	53.4%
	2007	39.6%	42.2%	45.0%	37.3%	30.1%	38.0%	50.4%	31.4%	24.6%	34.6%	55.0%
	2008	38.5%	42.4%	48.2%	37.2%	31.1%	36.3%	47.5%	30.8%	28.6%	34.1%	54.6%
All Institutions	2004	28.9%	27.8%	24.3%	25.8%	23.8%	28.2%	25.6%	22.0%	22.9%	26.5%	38.6%
	2005	36.2%	29.6%	24.5%	29.9%	24.7%	31.7%	30.7%	23.6%	23.9%	30.1%	39.9%
	2006	36.6%	30.5%	25.6%	30.1%	27.2%	35.0%	31.7%	22.3%	25.2%	31.6%	40.2%
	2007	35.0%	31.2%	25.6%	30.5%	29.2%	35.2%	34.2%	24.8%	25.9%	32.6%	41.9%
	2008	34.7%	31.6%	27.5%	30.5%	29.3%	35.0%	31.7%	24.6%	24.6%	32.5%	43.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 363: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	774	48,889	2,711	422	1,582	785	702	2,057	1,772	1,923	1,594
	2005	782	53,002	2,883	441	1,612	851	871	2,327	1,811	2,175	1,610
	2006	824	58,119	3,270	534	1,639	914	926	2,529	2,094	2,352	1,743
	2007	958	63,323	3,662	563	1,942	1,055	1,103	2,686	2,143	2,561	1,742
	2008	1,165	68,235	4,042	609	2,028	1,121	1,266	2,931	2,600	2,699	1,826
	# Change 04-08	391	19,346	1,331	187	446	336	564	874	828	776	232
	% Change 04-08	50.5%	39.6%	49.1%	44.3%	28.2%	42.8%	80.3%	42.5%	46.7%	40.4%	14.6%
Private Institutions	2004	1,179	26,454	1,370	566	1,494	539	274	3,394	452	2,776	393
	2005	1,385	29,333	1,299	559	1,906	606	325	3,544	426	3,096	454
	2006	1,696	35,751	1,544	638	2,644	665	308	3,928	449	3,746	549
	2007	1,778	40,801	1,773	713	2,912	720	358	4,677	464	3,967	746
	2008	1,963	45,501	2,458	784	3,055	763	421	4,839	485	4,279	825
	# Change 04-08	784	19,047	1,088	218	1,561	224	147	1,445	33	1,503	432
	% Change 04-08	66.5%	72.0%	79.4%	38.5%	104.5%	41.6%	53.6%	42.6%	7.3%	54.1%	109.9%
All Institutions	2004	1,953	75,343	4,081	988	3,076	1,324	976	5,451	2,224	4,699	1,987
	2005	2,167	82,335	4,182	1,000	3,518	1,457	1,196	5,871	2,237	5,271	2,064
	2006	2,520	93,870	4,814	1,172	4,283	1,579	1,234	6,457	2,543	6,098	2,292
	2007	2,736	104,124	5,435	1,276	4,854	1,775	1,461	7,363	2,607	6,528	2,488
	2008	3,128	113,736	6,500	1,393	5,083	1,884	1,687	7,770	3,085	6,978	2,651
	# Change 04-08	1,175	38,393	2,419	405	2,007	560	711	2,319	861	2,279	664
	% Change 04-08	60.2%	51.0%	59.3%	41.0%	65.2%	42.3%	72.8%	42.5%	38.7%	48.5%	33.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 364: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.4%	5.2%	2.5%	4.9%	4.8%	4.3%	3.1%	4.6%	6.0%	5.0%	5.6%
	2005	5.3%	5.4%	2.5%	4.9%	4.9%	4.5%	3.7%	4.8%	6.1%	5.4%	5.5%
	2006	5.5%	5.8%	2.8%	5.4%	5.0%	4.7%	3.9%	5.1%	7.0%	5.7%	5.7%
	2007	6.3%	6.2%	3.1%	5.7%	5.7%	5.3%	4.6%	5.3%	7.0%	6.1%	5.6%
	2008	7.4%	6.5%	3.3%	5.9%	5.8%	5.6%	5.2%	5.6%	8.0%	6.4%	5.7%
Private Institutions	2004	3.3%	4.9%	3.5%	6.1%	5.0%	4.7%	3.1%	5.0%	3.3%	6.6%	4.3%
	2005	4.0%	5.3%	3.2%	6.3%	5.5%	4.9%	3.5%	5.1%	3.2%	7.2%	4.7%
	2006	4.7%	6.2%	3.7%	6.8%	6.9%	5.4%	3.4%	5.8%	3.3%	8.5%	5.2%
	2007	4.8%	6.8%	4.2%	7.3%	7.4%	5.6%	3.8%	6.5%	3.3%	8.9%	6.8%
	2008	5.2%	7.4%	5.6%	8.0%	7.9%	5.7%	4.2%	6.7%	3.4%	9.3%	7.0%
All Institutions	2004	3.9%	5.1%	2.7%	5.5%	4.9%	4.4%	3.1%	4.8%	5.2%	5.8%	5.3%
	2005	4.4%	5.4%	2.7%	5.6%	5.2%	4.7%	3.7%	5.0%	5.2%	6.3%	5.3%
	2006	4.9%	5.9%	3.0%	6.1%	6.0%	5.0%	3.8%	5.5%	5.9%	7.1%	5.6%
	2007	5.3%	6.4%	3.4%	6.5%	6.6%	5.4%	4.4%	6.0%	5.9%	7.5%	5.9%
	2008	5.8%	6.8%	3.9%	6.9%	6.9%	5.6%	4.9%	6.2%	6.6%	7.9%	6.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 365: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	290	24,949	2,110	237	851	479	608	1,203	965	1,063	627
	2005	317	26,266	2,092	272	834	661	648	1,145	977	1,021	608
	2006	400	27,789	2,243	313	833	770	677	1,192	1,067	1,101	643
	2007	429	28,799	2,361	267	1,130	720	724	1,248	1,144	1,173	654
	2008	478	30,403	2,492	278	1,102	887	830	1,353	1,215	1,114	723
	# Change 04-08	188	5,454	382	41	251	408	222	150	250	51	96
	% Change 04-08	64.8%	21.9%	18.1%	17.3%	29.5%	85.2%	36.5%	12.5%	25.9%	4.8%	15.3%
Private Institutions	2004	2,006	23,122	2,369	733	1,235	462	246	3,552	380	2,235	209
	2005	2,119	23,964	2,350	751	1,441	469	312	3,661	288	2,227	197
	2006	2,121	27,602	2,617	729	1,618	590	330	3,814	379	2,404	198
	2007	2,290	30,148	2,785	713	1,576	977	304	4,284	491	2,663	258
	2008	2,426	32,514	3,257	719	1,797	1,476	304	4,254	468	3,035	267
	# Change 04-08	420	9,392	888	-14	562	1,014	58	702	88	800	58
	% Change 04-08	20.9%	40.6%	37.5%	-1.9%	45.5%	219.5%	23.6%	19.8%	23.2%	35.8%	27.8%
All Institutions	2004	2,296	48,071	4,479	970	2,086	941	854	4,755	1,345	3,298	836
	2005	2,436	50,230	4,442	1,023	2,275	1,130	960	4,806	1,265	3,248	805
	2006	2,521	55,391	4,860	1,042	2,451	1,360	1,007	5,006	1,446	3,505	841
	2007	2,719	58,947	5,146	980	2,706	1,697	1,028	5,532	1,635	3,836	912
	2008	2,904	62,917	5,749	997	2,899	2,363	1,134	5,607	1,683	4,149	990
	# Change 04-08	608	14,846	1,270	27	813	1,422	280	852	338	851	154
	% Change 04-08	26.5%	30.9%	28.4%	2.8%	39.0%	151.1%	32.8%	17.9%	25.1%	25.8%	18.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 366: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.5%	8.3%	8.1%	7.1%	7.1%	10.8%	8.8%	6.1%	11.6%	10.6%	6.3%
	2005	5.9%	8.5%	7.6%	7.4%	7.0%	13.4%	9.0%	6.2%	11.5%	10.3%	5.8%
	2006	7.5%	8.9%	7.8%	8.6%	7.0%	14.8%	9.3%	6.2%	12.0%	10.8%	5.8%
	2007	7.7%	9.3%	8.6%	7.6%	9.5%	13.6%	10.0%	6.6%	12.3%	11.1%	5.9%
	2008	8.0%	9.4%	8.2%	6.9%	8.8%	15.7%	11.3%	7.2%	12.4%	10.3%	6.2%
Private Institutions	2004	8.3%	7.7%	6.7%	12.3%	5.3%	5.9%	4.3%	7.3%	11.6%	12.6%	7.5%
	2005	8.8%	7.7%	7.0%	11.8%	5.4%	5.1%	5.1%	7.8%	8.9%	12.1%	6.4%
	2006	8.6%	8.3%	7.4%	11.7%	5.7%	5.2%	5.1%	7.7%	10.5%	12.4%	6.4%
	2007	9.4%	8.7%	7.9%	11.7%	5.6%	7.9%	4.6%	8.4%	12.9%	13.0%	7.1%
	2008	9.4%	9.1%	8.9%	11.6%	6.1%	10.6%	4.3%	8.5%	11.9%	14.2%	6.1%
All Institutions	2004	7.8%	8.0%	7.3%	10.5%	5.9%	7.7%	6.7%	7.0%	11.6%	11.8%	6.6%
	2005	8.3%	8.1%	7.2%	10.2%	5.9%	8.0%	7.2%	7.3%	10.8%	11.5%	5.9%
	2006	8.4%	8.6%	7.6%	10.6%	6.1%	8.2%	7.4%	7.3%	11.5%	11.8%	5.9%
	2007	9.1%	9.0%	8.2%	10.2%	6.8%	9.6%	7.4%	7.9%	12.5%	12.4%	6.2%
	2008	9.1%	9.3%	8.6%	9.8%	6.9%	12.1%	7.8%	8.1%	12.3%	12.9%	6.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 367: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	171	21,898	1,175	204	810	579	745	998	560	1,130	672
	2005	151	23,469	1,222	193	800	596	754	1,040	593	1,107	718
	2006	140	24,141	1,238	227	830	603	744	1,080	613	1,185	766
	2007	154	25,596	1,289	213	850	666	766	1,045	617	1,191	760
	2008	147	26,866	1,309	238	883	664	839	1,093	649	1,296	799
	# Change 04-08	-24	4,968	134	34	73	85	94	95	89	166	127
	% Change 04-08	-14.0%	22.7%	11.4%	16.7%	9.0%	14.7%	12.6%	9.5%	15.9%	14.7%	18.9%
Private Institutions	2004	1,869	19,890	2,299	196	1,444	226	11	2,920	321	2,054	346
	2005	1,844	21,001	2,332	172	1,457	209	29	2,992	346	2,305	458
	2006	1,974	21,807	2,365	174	1,484	280	33	2,959	270	2,382	369
	2007	2,209	23,712	2,406	175	1,574	346	30	3,189	443	2,660	501
	2008	2,096	25,308	2,642	189	1,833	331	31	3,485	426	2,903	591
	# Change 04-08	227	5,418	343	-7	389	105	20	565	105	849	245
	% Change 04-08	12.1%	27.2%	14.9%	-3.6%	26.9%	46.5%	181.8%	19.3%	32.7%	41.3%	70.8%
All Institutions	2004	2,040	41,788	3,474	400	2,254	805	756	3,918	881	3,184	1,018
	2005	1,995	44,470	3,554	365	2,257	805	783	4,032	939	3,412	1,176
	2006	2,114	45,948	3,603	401	2,314	883	777	4,039	883	3,567	1,135
	2007	2,363	49,308	3,695	388	2,424	1,012	796	4,234	1,060	3,851	1,261
	2008	2,243	52,174	3,951	427	2,716	995	870	4,578	1,075	4,199	1,390
	# Change 04-08	203	10,386	477	27	462	190	114	660	194	1,015	372
	% Change 04-08	10.0%	24.9%	13.7%	6.8%	20.5%	23.6%	15.1%	16.8%	22.0%	31.9%	36.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 368: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	31.9%	34.1%	22.1%	33.3%	36.8%	44.3%	40.8%	40.7%	31.4%	36.9%	27.5%
	2005	28.6%	34.6%	22.7%	29.1%	33.8%	41.0%	42.6%	40.6%	32.0%	35.8%	28.5%
	2006	28.7%	34.3%	21.7%	29.5%	33.7%	39.3%	42.0%	40.9%	31.9%	36.8%	29.2%
	2007	27.2%	34.8%	21.4%	28.7%	33.8%	40.0%	41.3%	39.6%	31.0%	36.7%	29.1%
	2008	27.3%	35.3%	20.6%	33.3%	34.2%	42.5%	41.2%	39.6%	31.1%	38.6%	28.4%
Private Institutions	2004	30.3%	29.0%	25.7%	18.9%	30.6%	16.3%	1.1%	29.4%	23.8%	47.9%	28.5%
	2005	28.6%	28.4%	23.8%	16.6%	29.4%	13.5%	2.4%	28.4%	24.3%	47.6%	30.9%
	2006	28.9%	28.9%	24.9%	16.8%	29.5%	15.4%	2.9%	28.1%	19.2%	47.7%	25.6%
	2007	30.4%	29.8%	24.0%	16.6%	29.3%	15.6%	2.6%	30.0%	27.9%	51.4%	30.3%
	2008	30.3%	31.7%	26.2%	18.7%	33.9%	14.2%	2.9%	31.8%	27.4%	55.0%	33.5%
All Institutions	2004	30.4%	31.5%	24.3%	24.3%	32.6%	29.9%	26.6%	31.7%	28.1%	43.3%	27.8%
	2005	28.6%	31.4%	23.4%	21.5%	30.8%	26.9%	26.5%	30.8%	28.6%	43.0%	29.4%
	2006	28.9%	31.5%	23.7%	22.2%	30.8%	26.3%	26.8%	30.6%	26.5%	43.4%	27.9%
	2007	30.2%	32.2%	23.0%	21.6%	30.8%	26.0%	26.4%	31.9%	29.7%	45.8%	29.5%
	2008	30.1%	33.4%	24.1%	24.7%	34.0%	25.6%	28.0%	33.3%	29.5%	48.6%	30.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 369: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Female Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2,689	170,182	11,332	638	10,293	5,870	2,108	6,415	6,388	4,402	3,713
	2005	2,988	187,929	12,484	722	11,440	6,612	2,347	6,670	6,983	4,976	3,790
	2006	3,028	194,581	12,702	739	11,703	7,336	2,538	6,910	7,521	5,050	3,902
	2007	2,940	204,032	13,683	794	12,399	7,346	2,796	7,576	7,669	5,055	3,979
	2008	3,123	210,429	14,364	819	12,327	7,111	2,707	7,666	7,301	5,437	4,563
	# Change 04-08	434	40,247	3,032	181	2,034	1,241	599	1,251	913	1,035	850
	% Change 04-08	16.1%	23.6%	26.8%	28.4%	19.8%	21.1%	28.4%	19.5%	14.3%	23.5%	22.9%
Private Institutions	2004	2,358	149,892	26,333	1,826	3,046	1,463	4,105	9,302	795	6,585	4,389
	2005	3,821	171,690	27,573	2,426	4,387	1,703	5,484	10,198	851	8,179	4,873
	2006	3,637	183,645	28,739	2,420	5,875	2,051	5,675	8,704	937	9,515	5,089
	2007	3,433	196,034	29,163	2,517	6,728	2,243	5,963	10,216	1,123	9,859	5,419
	2008	3,521	205,751	32,919	2,615	7,086	2,266	5,731	9,552	1,241	9,724	5,650
	# Change 04-08	1,163	55,859	6,586	789	4,040	803	1,626	250	446	3,139	1,261
	% Change 04-08	49.3%	37.3%	25.0%	43.2%	132.6%	54.9%	39.6%	2.7%	56.1%	47.7%	28.7%
All Institutions	2004	5,047	320,074	37,665	2,464	13,339	7,333	6,213	15,717	7,183	10,987	8,102
	2005	6,809	359,619	40,057	3,148	15,827	8,315	7,831	16,868	7,834	13,155	8,663
	2006	6,665	378,226	41,441	3,159	17,578	9,387	8,213	15,614	8,458	14,565	8,991
	2007	6,373	400,066	42,846	3,311	19,127	9,589	8,759	17,792	8,792	14,914	9,398
	2008	6,644	416,180	47,283	3,434	19,413	9,377	8,438	17,218	8,542	15,161	10,213
	# Change 04-08	1,597	96,106	9,618	970	6,074	2,044	2,225	1,501	1,359	4,174	2,111
	% Change 04-08	31.6%	30.0%	25.5%	39.4%	45.5%	27.9%	35.8%	9.6%	18.9%	38.0%	26.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 370: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	36.2%	32.2%	15.5%	22.1%	37.7%	45.7%	23.0%	23.0%	35.7%	39.1%	37.5%
	2005	39.1%	33.8%	16.2%	23.8%	39.5%	49.7%	24.7%	23.6%	36.8%	41.2%	37.8%
	2006	39.8%	34.4%	16.8%	24.2%	40.4%	51.0%	25.9%	24.2%	38.6%	41.5%	37.9%
	2007	39.8%	35.5%	17.6%	25.2%	42.3%	50.7%	27.2%	26.2%	38.8%	40.0%	38.9%
	2008	40.3%	35.9%	18.1%	25.8%	42.6%	51.3%	25.3%	26.7%	36.7%	41.6%	41.5%
Private Institutions	2004	37.7%	49.3%	55.2%	51.8%	31.4%	35.7%	48.6%	37.1%	34.6%	42.5%	64.4%
	2005	50.4%	52.4%	55.5%	61.4%	31.0%	37.4%	57.3%	40.6%	34.2%	47.6%	65.5%
	2006	50.2%	53.5%	56.3%	60.1%	35.8%	42.2%	58.6%	36.7%	32.3%	50.7%	67.4%
	2007	49.6%	54.7%	55.5%	61.5%	41.1%	46.7%	62.9%	41.6%	37.8%	51.5%	69.5%
	2008	49.6%	54.8%	59.1%	63.1%	43.4%	45.9%	62.4%	41.0%	41.7%	51.3%	69.1%
All Institutions	2004	36.9%	38.4%	31.1%	38.4%	36.1%	43.2%	35.3%	29.6%	35.6%	41.1%	48.5%
	2005	44.7%	40.7%	31.6%	45.0%	36.7%	46.6%	41.1%	31.6%	36.5%	45.0%	49.6%
	2006	44.9%	41.6%	32.7%	44.6%	38.7%	48.8%	42.2%	29.9%	37.8%	47.1%	50.4%
	2007	44.6%	42.9%	32.8%	45.7%	41.9%	49.7%	44.4%	33.3%	38.7%	47.0%	52.1%
	2008	44.8%	43.3%	35.0%	46.9%	42.9%	49.9%	42.4%	33.1%	37.4%	47.3%	53.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



**Table III - 371: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Female Students
(MASSIP 2009 Indicator 21)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	718	42,253	2,383	339	1,313	724	632	1,745	1,508	1,649	1,438
	2005	699	45,648	2,504	364	1,340	769	768	1,953	1,512	1,883	1,418
	2006	752	49,816	2,859	428	1,370	816	825	2,105	1,828	1,983	1,575
	2007	861	54,041	3,166	456	1,620	931	952	2,227	1,850	2,136	1,543
	2008	1,031	57,830	3,470	489	1,659	992	1,090	2,443	2,234	2,222	1,620
	# Change 04-08	313	15,577	1,087	150	346	268	458	698	726	573	182
	% Change 04-08	43.6%	36.9%	45.6%	44.2%	26.4%	37.0%	72.5%	40.0%	48.1%	34.7%	12.7%
Private Institutions	2004	1,015	22,730	1,168	497	1,345	498	234	2,789	360	2,362	344
	2005	1,216	25,507	1,108	483	1,662	545	287	2,959	372	2,673	383
	2006	1,461	30,795	1,331	542	2,286	603	281	3,231	383	3,242	472
	2007	1,534	35,283	1,509	620	2,552	651	317	3,889	385	3,448	649
	2008	1,689	39,187	1,823	670	2,687	686	384	4,153	419	3,709	739
	# Change 04-08	674	16,457	655	173	1,342	188	150	1,364	59	1,347	395
	% Change 04-08	66.4%	72.4%	56.1%	34.8%	99.8%	37.8%	64.1%	48.9%	16.4%	57.0%	114.8%
All Institutions	2004	1,733	64,983	3,551	836	2,658	1,222	866	4,534	1,868	4,011	1,782
	2005	1,915	71,155	3,612	847	3,002	1,314	1,055	4,912	1,884	4,556	1,801
	2006	2,213	80,611	4,190	970	3,656	1,419	1,106	5,336	2,211	5,225	2,047
	2007	2,395	89,324	4,675	1,076	4,172	1,582	1,269	6,116	2,235	5,584	2,192
	2008	2,720	97,017	5,293	1,159	4,346	1,678	1,474	6,596	2,653	5,931	2,359
	# Change 04-08	987	32,034	1,742	323	1,688	456	608	2,062	785	1,920	577
	% Change 04-08	57.0%	49.3%	49.1%	38.6%	63.5%	37.3%	70.2%	45.5%	42.0%	47.9%	32.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

**Table III - 372: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees -
Female Students (MASSIP 2009 Indicator 21)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8.6%	7.8%	3.7%	6.8%	7.4%	6.9%	4.8%	6.6%	9.0%	7.6%	8.7%
	2005	8.0%	8.1%	3.8%	7.2%	7.5%	7.2%	5.6%	6.9%	8.9%	8.4%	8.5%
	2006	8.7%	8.7%	4.2%	7.5%	7.7%	7.4%	5.9%	7.2%	10.5%	8.7%	9.0%
	2007	9.8%	9.3%	4.6%	8.0%	8.9%	8.4%	6.9%	7.5%	10.5%	9.2%	8.6%
	2008	11.5%	9.7%	4.9%	8.2%	8.9%	8.9%	7.8%	8.1%	11.8%	9.7%	8.9%
Private Institutions	2004	5.0%	7.2%	5.3%	9.2%	7.6%	7.0%	4.6%	7.1%	4.4%	9.7%	6.2%
	2005	5.9%	7.9%	4.8%	9.4%	8.3%	7.4%	5.3%	7.6%	4.6%	10.8%	6.4%
	2006	6.8%	9.1%	5.6%	10.0%	10.0%	8.2%	5.4%	8.1%	4.6%	12.6%	7.3%
	2007	7.1%	10.0%	6.2%	10.8%	10.8%	8.4%	6.0%	9.4%	4.5%	13.3%	9.5%
	2008	7.6%	10.8%	7.3%	12.1%	11.4%	8.7%	6.8%	9.9%	4.7%	13.8%	10.5%
All Institutions	2004	6.1%	7.6%	4.1%	8.1%	7.5%	7.0%	4.7%	6.9%	7.5%	8.7%	8.1%
	2005	6.5%	8.1%	4.0%	8.3%	7.9%	7.3%	5.5%	7.3%	7.5%	9.6%	7.9%
	2006	7.4%	8.8%	4.6%	8.7%	9.0%	7.7%	5.8%	7.7%	8.6%	10.8%	8.5%
	2007	7.9%	9.6%	5.0%	9.4%	10.0%	8.4%	6.7%	8.6%	8.6%	11.4%	8.9%
	2008	8.7%	10.2%	5.6%	10.0%	10.3%	8.8%	7.5%	9.1%	9.5%	11.9%	9.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 373: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Female Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	239	19,764	1,714	193	691	389	496	1,016	759	818	512
	2005	269	20,840	1,716	213	656	506	498	964	767	788	524
	2006	329	22,278	1,860	251	681	563	529	977	846	856	542
	2007	352	23,325	1,944	210	936	549	565	1,043	922	949	543
	2008	398	24,727	2,042	221	898	611	672	1,120	1,000	905	598
	# Change 04-08	159	4,963	328	28	207	222	176	104	241	87	86
	% Change 04-08	66.5%	25.1%	19.1%	14.5%	30.0%	57.1%	35.5%	10.2%	31.8%	10.6%	16.8%
Private Institutions	2004	1,524	17,646	1,681	575	961	357	195	2,672	306	1,741	160
	2005	1,613	18,430	1,643	602	1,086	371	261	2,829	237	1,708	153
	2006	1,577	21,262	1,827	601	1,259	450	280	2,880	319	1,843	156
	2007	1,751	23,711	2,026	605	1,261	820	265	3,292	405	2,090	230
	2008	1,834	25,700	2,332	613	1,462	1,286	255	3,435	387	2,358	225
	# Change 04-08	310	8,054	651	38	501	929	60	763	81	617	65
	% Change 04-08	20.3%	45.6%	38.7%	6.6%	52.1%	260.2%	30.8%	28.6%	26.5%	35.4%	40.6%
All Institutions	2004	1,763	37,410	3,395	768	1,652	746	691	3,688	1,065	2,559	672
	2005	1,882	39,270	3,359	815	1,742	877	759	3,793	1,004	2,496	677
	2006	1,906	43,540	3,687	852	1,940	1,013	809	3,857	1,165	2,699	698
	2007	2,103	47,036	3,970	815	2,197	1,369	830	4,335	1,327	3,039	773
	2008	2,232	50,427	4,374	834	2,360	1,897	927	4,555	1,387	3,263	823
	# Change 04-08	469	13,017	979	66	708	1,151	236	867	322	704	151
	% Change 04-08	26.6%	34.8%	28.8%	8.6%	42.9%	154.3%	34.2%	23.5%	30.2%	27.5%	22.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 374: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.8%	11.1%	11.2%	8.8%	9.8%	15.1%	11.6%	7.8%	15.1%	13.4%	8.9%
	2005	7.5%	11.3%	10.9%	8.5%	9.4%	17.1%	10.9%	8.0%	14.7%	13.4%	8.3%
	2006	9.0%	11.8%	11.5%	10.2%	9.9%	18.6%	11.5%	7.8%	15.4%	13.5%	8.1%
	2007	9.5%	12.3%	12.1%	9.1%	13.4%	17.4%	12.3%	8.4%	15.8%	14.4%	8.1%
	2008	10.1%	12.7%	11.9%	8.3%	12.3%	18.7%	14.4%	9.2%	16.5%	13.7%	8.5%
Private Institutions	2004	10.7%	10.0%	8.1%	17.6%	7.5%	6.5%	6.6%	8.9%	18.9%	17.2%	9.1%
	2005	11.3%	10.0%	8.4%	16.8%	7.2%	5.6%	8.2%	9.9%	14.6%	16.2%	7.9%
	2006	10.8%	10.7%	8.9%	16.7%	7.9%	5.4%	8.8%	9.4%	16.7%	16.8%	8.0%
	2007	11.8%	11.3%	9.7%	17.2%	7.8%	8.9%	7.9%	10.4%	20.6%	17.4%	9.8%
	2008	11.8%	11.8%	10.9%	17.6%	8.5%	12.3%	7.3%	10.9%	18.5%	18.6%	8.6%
All Institutions	2004	9.9%	10.5%	9.4%	14.1%	8.3%	9.2%	9.6%	8.6%	16.0%	15.7%	8.9%
	2005	10.6%	10.7%	9.5%	13.4%	7.9%	9.2%	9.8%	9.3%	14.7%	15.2%	8.2%
	2006	10.4%	11.3%	10.0%	14.0%	8.5%	8.9%	10.4%	9.0%	15.7%	15.6%	8.1%
	2007	11.3%	11.8%	10.7%	14.0%	9.5%	11.1%	10.5%	9.9%	17.0%	16.3%	8.5%
	2008	11.5%	12.2%	11.4%	13.6%	9.7%	13.8%	11.3%	10.4%	17.0%	16.9%	8.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 375: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Female Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	107	12,007	706	114	448	332	399	521	315	579	389
	2005	85	13,360	719	112	483	333	413	546	356	584	442
	2006	82	13,941	763	118	464	380	433	587	369	680	469
	2007	91	14,898	777	141	506	407	438	568	394	650	459
	2008	90	15,794	778	141	522	430	505	621	396	720	455
	# Change 04-08	-17	3,787	72	27	74	98	106	100	81	141	66
	% Change 04-08	-15.9%	31.5%	10.2%	23.7%	16.5%	29.5%	26.6%	19.2%	25.7%	24.4%	17.0%
Private Institutions	2004	1,092	10,210	1,149	90	762	98	8	1,555	166	1,151	214
	2005	1,102	11,330	1,199	89	763	95	17	1,620	189	1,344	298
	2006	1,218	12,280	1,243	107	839	135	23	1,680	168	1,445	215
	2007	1,386	13,735	1,315	97	903	194	23	1,860	269	1,703	286
	2008	1,290	14,557	1,475	112	1,058	189	20	1,974	247	1,831	358
	# Change 04-08	198	4,347	326	22	296	91	12	419	81	680	144
	% Change 04-08	18.1%	42.6%	28.4%	24.4%	38.8%	92.9%	150.0%	26.9%	48.8%	59.1%	67.3%
All Institutions	2004	1,199	22,217	1,855	204	1,210	430	407	2,076	481	1,730	603
	2005	1,187	24,690	1,918	201	1,246	428	430	2,166	545	1,928	740
	2006	1,300	26,221	2,006	225	1,303	515	456	2,267	537	2,125	684
	2007	1,477	28,633	2,092	238	1,409	601	461	2,428	663	2,353	745
	2008	1,380	30,351	2,253	253	1,580	619	525	2,595	643	2,551	813
	# Change 04-08	181	8,134	398	49	370	189	118	519	162	821	210
	% Change 04-08	15.1%	36.6%	21.5%	24.0%	30.6%	44.0%	29.0%	25.0%	33.7%	47.5%	34.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 376: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	37.4%	38.3%	26.6%	35.2%	42.9%	48.5%	45.1%	41.9%	33.4%	38.3%	33.4%
	2005	30.6%	39.9%	27.5%	32.9%	42.1%	47.8%	46.9%	41.8%	35.9%	40.1%	37.6%
	2006	35.2%	39.9%	27.6%	28.9%	40.2%	47.5%	48.3%	42.9%	36.8%	42.1%	36.8%
	2007	31.1%	40.4%	26.5%	36.3%	42.9%	46.8%	47.9%	43.1%	37.7%	39.4%	36.8%
	2008	35.3%	41.2%	25.1%	38.2%	43.5%	50.9%	47.0%	42.6%	35.0%	42.7%	33.9%
Private Institutions	2004	35.5%	31.0%	26.5%	19.1%	33.1%	13.5%	1.9%	30.9%	27.7%	54.0%	37.1%
	2005	34.1%	31.2%	25.1%	18.0%	31.4%	11.9%	3.5%	30.5%	28.3%	54.0%	38.3%
	2006	35.4%	33.3%	27.0%	20.9%	33.9%	14.2%	5.0%	31.4%	25.4%	56.0%	32.3%
	2007	37.8%	34.8%	26.2%	18.8%	34.0%	15.6%	4.7%	34.5%	35.6%	59.7%	37.7%
	2008	36.4%	36.2%	29.0%	22.0%	38.9%	14.1%	4.3%	35.5%	32.0%	63.8%	40.7%
All Institutions	2004	35.7%	34.5%	26.5%	25.7%	36.2%	30.5%	31.0%	33.1%	31.2%	47.5%	34.6%
	2005	33.8%	35.4%	26.0%	24.1%	34.8%	28.7%	31.3%	32.8%	32.8%	48.8%	37.9%
	2006	35.4%	36.5%	27.2%	24.4%	35.9%	29.4%	33.6%	33.7%	32.3%	50.6%	35.2%
	2007	37.3%	37.5%	26.3%	26.3%	36.7%	28.4%	33.0%	36.2%	36.8%	52.3%	37.2%
	2008	36.3%	38.6%	27.5%	28.8%	40.3%	28.3%	34.0%	37.0%	33.8%	56.0%	36.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 377: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Male Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	423	35,125	4,106	104	1,811	731	369	1,018	663	616	1,385
	2005	572	39,905	4,545	153	2,261	881	434	1,208	743	732	1,352
	2006	575	41,126	4,500	128	2,206	997	542	1,260	771	720	1,140
	2007	598	43,628	4,684	148	2,392	1,009	597	1,419	817	786	1,414
	2008	564	45,612	5,047	168	2,303	1,000	602	1,390	762	802	1,867
	# Change 04-08	141	10,487	941	64	492	269	233	372	99	186	482
	% Change 04-08	33.3%	29.9%	22.9%	61.5%	27.2%	36.8%	63.1%	36.5%	14.9%	30.2%	34.8%
Private Institutions	2004	258	21,438	5,044	211	280	166	571	1,342	57	742	366
	2005	425	23,314	5,242	203	345	216	757	1,424	86	983	429
	2006	430	25,216	5,584	283	520	244	710	1,154	78	1,162	389
	2007	416	26,488	5,678	300	588	245	836	1,398	76	1,287	454
	2008	336	29,849	6,870	256	690	277	815	1,385	146	1,289	496
	# Change 04-08	78	8,411	1,826	45	410	111	244	43	89	547	130
	% Change 04-08	30.2%	39.2%	36.2%	21.3%	146.4%	66.9%	42.7%	3.2%	156.1%	73.7%	35.5%
All Institutions	2004	681	56,563	9,150	315	2,091	897	940	2,360	720	1,358	1,751
	2005	997	63,219	9,787	356	2,606	1,097	1,191	2,632	829	1,715	1,781
	2006	1,005	66,342	10,084	411	2,726	1,241	1,252	2,414	849	1,882	1,529
	2007	1,014	70,116	10,362	448	2,980	1,254	1,433	2,817	893	2,073	1,868
	2008	900	75,461	11,917	424	2,993	1,277	1,417	2,775	908	2,091	2,363
	# Change 04-08	219	18,898	2,767	109	902	380	477	415	188	733	612
	% Change 04-08	32.2%	33.4%	30.2%	34.6%	43.1%	42.4%	50.7%	17.6%	26.1%	54.0%	35.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 378: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	11.2%	9.8%	8.4%	7.2%	8.8%	7.2%	7.1%	6.3%	5.2%	8.5%	24.1%
	2005	14.6%	10.5%	8.6%	10.4%	10.0%	9.2%	8.0%	7.1%	5.7%	10.2%	23.8%
	2006	14.5%	10.7%	9.2%	8.6%	10.6%	10.7%	9.6%	7.5%	6.1%	9.9%	20.3%
	2007	14.9%	10.8%	8.9%	9.2%	10.9%	10.4%	9.9%	8.2%	6.4%	10.8%	23.6%
	2008	14.1%	11.0%	9.5%	9.7%	10.2%	10.4%	9.1%	8.1%	5.6%	10.4%	28.2%
Private Institutions	2004	11.0%	13.3%	22.1%	7.2%	3.9%	8.0%	11.1%	10.4%	3.6%	5.8%	12.0%
	2005	17.5%	14.2%	21.5%	6.3%	3.9%	9.4%	15.4%	11.5%	4.9%	7.6%	14.1%
	2006	19.8%	15.0%	21.8%	8.6%	6.1%	13.6%	14.9%	10.0%	4.0%	8.4%	14.4%
	2007	14.9%	15.7%	22.8%	8.7%	7.4%	14.0%	20.9%	11.2%	4.0%	9.8%	15.8%
	2008	11.6%	16.5%	25.6%	7.2%	8.0%	13.5%	17.7%	11.4%	7.8%	9.6%	16.2%
All Institutions	2004	11.1%	10.9%	12.8%	7.2%	7.5%	7.4%	9.1%	8.1%	5.1%	6.8%	19.9%
	2005	15.7%	11.6%	12.7%	7.5%	8.3%	9.3%	11.5%	9.0%	5.6%	8.5%	20.4%
	2006	16.4%	12.0%	13.5%	8.6%	9.3%	11.1%	12.0%	8.5%	5.9%	8.9%	18.4%
	2007	14.9%	12.3%	13.4%	8.8%	10.0%	10.9%	14.3%	9.5%	6.1%	10.2%	21.1%
	2008	13.0%	12.7%	14.9%	8.0%	9.6%	11.0%	12.7%	9.5%	5.9%	9.9%	24.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 379: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Male Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	56	6,636	328	83	269	61	70	312	264	274	156
	2005	83	7,354	379	77	272	82	103	374	299	292	192
	2006	72	8,303	411	106	269	98	101	424	266	369	168
	2007	97	9,282	496	107	322	124	151	459	293	425	199
	2008	134	10,405	572	120	369	129	176	488	366	477	206
	# Change 04-08	78	3,769	244	37	100	68	106	176	102	203	50
	% Change 04-08	139.3%	56.8%	74.4%	44.6%	37.2%	111.5%	151.4%	56.4%	38.6%	74.1%	32.1%
Private Institutions	2004	164	3,724	202	69	149	41	40	605	92	414	49
	2005	169	3,826	191	76	244	61	38	585	54	423	71
	2006	235	4,956	213	96	358	62	27	697	66	504	77
	2007	244	5,518	264	93	360	69	41	788	79	519	97
	2008	274	6,314	635	114	368	77	37	686	66	570	86
	# Change 04-08	110	2,590	433	45	219	36	-3	81	-26	156	37
	% Change 04-08	67.1%	69.5%	214.4%	65.2%	147.0%	87.8%	-7.5%	13.4%	-28.3%	37.7%	75.5%
All Institutions	2004	220	10,360	530	152	418	102	110	917	356	688	205
	2005	252	11,180	570	153	516	143	141	959	353	715	263
	2006	307	13,259	624	202	627	160	128	1,121	332	873	245
	2007	341	14,800	760	200	682	193	192	1,247	372	944	296
	2008	408	16,719	1,207	234	737	206	213	1,174	432	1,047	292
	# Change 04-08	188	6,359	677	82	319	104	103	257	76	359	87
	% Change 04-08	85.5%	61.4%	127.7%	53.9%	76.3%	102.0%	93.6%	28.0%	21.3%	52.2%	42.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 380: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	1.6%	0.7%	2.3%	1.8%	0.8%	0.8%	1.7%	2.1%	1.6%	1.3%
	2005	1.4%	1.8%	0.8%	2.0%	1.8%	1.0%	1.1%	1.9%	2.4%	1.6%	1.5%
	2006	1.1%	1.9%	0.8%	2.5%	1.8%	1.2%	1.0%	2.1%	2.2%	2.0%	1.3%
	2007	1.5%	2.1%	1.0%	2.5%	2.0%	1.4%	1.5%	2.2%	2.3%	2.3%	1.5%
	2008	2.0%	2.3%	1.1%	2.7%	2.3%	1.4%	1.7%	2.2%	2.7%	2.5%	1.5%
Private Institutions	2004	1.1%	1.6%	1.2%	1.8%	1.2%	0.9%	1.1%	2.1%	1.7%	2.3%	1.4%
	2005	1.2%	1.6%	1.1%	2.1%	1.7%	1.2%	1.0%	2.0%	1.0%	2.3%	1.9%
	2006	1.6%	2.1%	1.2%	2.4%	2.3%	1.2%	0.7%	2.5%	1.3%	2.7%	1.9%
	2007	1.6%	2.2%	1.5%	2.3%	2.3%	1.4%	1.0%	2.6%	1.5%	2.8%	2.3%
	2008	1.7%	2.5%	3.3%	2.7%	2.4%	1.4%	0.9%	2.3%	1.2%	3.0%	1.8%
All Institutions	2004	1.0%	1.6%	0.8%	2.0%	1.5%	0.8%	0.9%	1.9%	2.0%	2.0%	1.3%
	2005	1.2%	1.7%	0.9%	2.0%	1.8%	1.1%	1.1%	1.9%	2.0%	2.0%	1.6%
	2006	1.4%	2.0%	0.9%	2.5%	2.0%	1.2%	0.9%	2.3%	1.9%	2.4%	1.4%
	2007	1.6%	2.1%	1.1%	2.4%	2.1%	1.4%	1.3%	2.4%	2.0%	2.5%	1.7%
	2008	1.8%	2.4%	1.7%	2.7%	2.3%	1.4%	1.4%	2.2%	2.3%	2.8%	1.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 381: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Male Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	51	5,185	396	44	160	90	112	187	206	245	115
	2005	48	5,426	376	59	178	155	150	181	210	233	84
	2006	71	5,511	383	62	152	207	148	215	221	245	101
	2007	77	5,474	417	57	194	171	159	205	222	224	111
	2008	80	5,676	450	57	204	276	158	233	215	209	125
	# Change 04-08	29	491	54	13	44	186	46	46	9	-36	10
	% Change 04-08	56.9%	9.5%	13.6%	29.5%	27.5%	206.7%	41.1%	24.6%	4.4%	-14.7%	8.7%
Private Institutions	2004	482	5,476	688	158	274	105	51	880	74	494	49
	2005	506	5,534	707	149	355	98	51	832	51	519	44
	2006	544	6,340	790	128	359	140	50	934	60	561	42
	2007	539	6,437	759	108	315	157	39	992	86	573	28
	2008	592	6,814	925	106	335	190	49	819	81	677	42
	# Change 04-08	110	1,338	237	-52	61	85	-2	-61	7	183	-7
	% Change 04-08	22.8%	24.4%	34.4%	-32.9%	22.3%	81.0%	-3.9%	-6.9%	9.5%	37.0%	-14.3%
All Institutions	2004	533	10,661	1,084	202	434	195	163	1,067	280	739	164
	2005	554	10,960	1,083	208	533	253	201	1,013	261	752	128
	2006	615	11,851	1,173	190	511	347	198	1,149	281	806	143
	2007	616	11,911	1,176	165	509	328	198	1,197	308	797	139
	2008	672	12,490	1,375	163	539	466	207	1,052	296	886	167
	# Change 04-08	139	1,829	291	-39	105	271	44	-15	16	147	3
	% Change 04-08	26.1%	17.2%	26.8%	-19.3%	24.2%	139.0%	27.0%	-1.4%	5.7%	19.9%	1.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 382: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.9%	4.3%	3.7%	3.9%	3.2%	4.9%	4.2%	2.8%	6.3%	6.2%	2.8%
	2005	2.7%	4.4%	3.1%	5.0%	3.7%	7.8%	5.7%	2.8%	6.4%	5.8%	2.0%
	2006	4.1%	4.4%	3.1%	5.3%	3.1%	9.5%	5.6%	3.2%	6.5%	6.3%	2.2%
	2007	4.2%	4.5%	3.7%	4.8%	4.0%	8.0%	5.9%	3.1%	6.4%	5.6%	2.5%
	2008	3.9%	4.5%	3.4%	4.1%	3.9%	11.5%	5.9%	3.5%	5.8%	5.0%	2.6%
Private Institutions	2004	4.8%	4.4%	4.7%	5.9%	2.6%	4.7%	1.8%	4.8%	4.5%	6.5%	4.8%
	2005	5.1%	4.4%	5.0%	5.4%	3.1%	3.7%	1.7%	4.6%	3.2%	6.7%	3.9%
	2006	5.5%	4.8%	5.4%	4.9%	2.9%	4.8%	1.5%	4.9%	3.5%	6.7%	3.6%
	2007	5.7%	4.8%	5.3%	4.2%	2.6%	4.9%	1.2%	5.2%	4.7%	6.8%	2.1%
	2008	5.8%	4.9%	6.1%	3.9%	2.8%	5.4%	1.4%	4.5%	4.4%	7.8%	2.4%
All Institutions	2004	4.5%	4.4%	4.2%	5.3%	2.8%	4.8%	3.0%	4.2%	5.7%	6.4%	3.2%
	2005	4.7%	4.4%	4.1%	5.3%	3.2%	5.4%	3.6%	4.1%	5.3%	6.4%	2.4%
	2006	5.3%	4.6%	4.3%	5.0%	3.0%	6.8%	3.4%	4.4%	5.5%	6.6%	2.5%
	2007	5.4%	4.7%	4.6%	4.4%	3.0%	6.2%	3.3%	4.6%	5.8%	6.4%	2.4%
	2008	5.5%	4.7%	4.8%	4.0%	3.1%	7.9%	3.3%	4.2%	5.3%	6.8%	2.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 383: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Male Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	64	9,891	469	90	362	247	346	477	245	551	283
	2005	66	10,109	503	81	317	263	341	494	237	523	276
	2006	58	10,200	475	109	366	223	311	493	244	505	297
	2007	63	10,698	512	72	344	259	328	477	223	541	301
	2008	57	11,072	531	97	361	234	334	472	253	576	344
	# Change 04-08	-7	1,181	62	7	-1	-13	-12	-5	8	25	61
	% Change 04-08	-10.9%	11.9%	13.2%	7.8%	-0.3%	-5.3%	-3.5%	-1.0%	3.3%	4.5%	21.6%
Private Institutions	2004	777	9,680	1,150	106	682	128	3	1,365	155	903	132
	2005	742	9,671	1,133	83	694	114	12	1,372	157	961	160
	2006	756	9,527	1,122	67	645	145	10	1,279	102	937	154
	2007	823	9,977	1,091	78	671	152	7	1,329	174	957	215
	2008	806	10,751	1,167	77	775	142	11	1,511	179	1,072	233
	# Change 04-08	29	1,071	17	-29	93	14	8	146	24	169	101
	% Change 04-08	3.7%	11.1%	1.5%	-27.4%	13.6%	10.9%	266.7%	10.7%	15.5%	18.7%	76.5%
All Institutions	2004	841	19,571	1,619	196	1,044	375	349	1,842	400	1,454	415
	2005	808	19,780	1,636	164	1,011	377	353	1,866	394	1,484	436
	2006	814	19,727	1,597	176	1,011	368	321	1,772	346	1,442	451
	2007	886	20,675	1,603	150	1,015	411	335	1,806	397	1,498	516
	2008	863	21,823	1,698	174	1,136	376	345	1,983	432	1,648	577
	# Change 04-08	22	2,252	79	-22	92	1	-4	141	32	194	162
	% Change 04-08	2.6%	11.5%	4.9%	-11.2%	8.8%	0.3%	-1.1%	7.7%	8.0%	13.3%	39.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 384: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25.6%	30.2%	17.6%	31.1%	31.3%	39.6%	36.7%	39.4%	29.1%	35.5%	22.2%
	2005	26.4%	29.5%	18.1%	25.1%	26.0%	34.7%	38.4%	39.2%	27.5%	32.0%	20.5%
	2006	22.7%	28.8%	16.2%	30.1%	28.0%	30.3%	35.5%	38.7%	26.5%	31.5%	22.1%
	2007	23.1%	29.2%	16.6%	20.3%	25.7%	32.5%	34.8%	36.1%	23.6%	33.9%	22.0%
	2008	20.1%	29.3%	16.4%	28.0%	26.1%	32.5%	34.8%	36.1%	26.4%	34.4%	23.4%
Private Institutions	2004	25.0%	27.1%	24.9%	18.8%	28.2%	19.5%	0.5%	27.9%	20.7%	42.0%	20.7%
	2005	23.0%	25.6%	22.6%	15.3%	27.4%	15.3%	1.7%	26.3%	20.7%	40.8%	22.8%
	2006	22.2%	24.6%	22.9%	12.9%	25.2%	16.7%	1.5%	24.6%	13.7%	38.8%	19.9%
	2007	22.9%	24.9%	21.8%	14.4%	24.8%	15.6%	1.0%	25.4%	20.9%	41.3%	24.0%
	2008	23.9%	27.1%	23.4%	15.3%	28.9%	14.5%	1.8%	27.9%	22.9%	44.5%	26.4%
All Institutions	2004	25.1%	28.5%	22.2%	23.0%	29.2%	29.3%	22.8%	30.2%	25.1%	39.3%	21.7%
	2005	23.3%	27.5%	21.0%	18.9%	27.0%	25.0%	22.3%	28.8%	24.4%	37.2%	21.3%
	2006	22.3%	26.6%	20.4%	20.0%	26.1%	22.9%	20.8%	27.4%	20.8%	35.9%	21.3%
	2007	22.9%	27.0%	19.8%	16.8%	25.1%	23.2%	20.7%	27.6%	22.4%	38.3%	22.8%
	2008	23.6%	28.2%	20.7%	20.5%	28.0%	22.1%	22.1%	29.5%	24.8%	40.4%	24.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 385: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Asian Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	68	6,841	2,536	20	557	155	157	183	81	58	132
	2005	73	8,263	3,156	16	658	163	242	257	123	76	160
	2006	93	9,149	3,315	21	723	218	353	329	114	104	149
	2007	117	10,202	3,788	25	850	274	325	374	121	89	175
	2008	98	11,194	4,253	38	748	244	333	439	128	138	199
	# Change 04-08	30	4,353	1,717	18	191	89	176	256	47	80	67
	% Change 04-08	44.1%	63.6%	67.7%	90.0%	34.3%	57.4%	112.1%	139.9%	58.0%	137.9%	50.8%
Private Institutions	2004	53	6,414	3,406	11	63	80	116	544	12	96	80
	2005	129	7,078	3,616	23	67	74	227	571	14	89	102
	2006	104	7,727	3,950	25	101	106	286	438	13	144	94
	2007	68	8,421	4,357	54	140	159	307	527	26	135	126
	2008	80	9,833	5,167	74	116	165	391	513	17	156	135
	# Change 04-08	27	3,419	1,761	63	53	85	275	-31	5	60	55
	% Change 04-08	50.9%	53.3%	51.7%	572.7%	84.1%	106.3%	237.1%	-5.7%	41.7%	62.5%	68.8%
All Institutions	2004	121	13,255	5,942	31	620	235	273	727	93	154	212
	2005	202	15,341	6,772	39	725	237	469	828	137	165	262
	2006	197	16,876	7,265	46	824	324	639	767	127	248	243
	2007	185	18,623	8,145	79	990	433	632	901	147	224	301
	2008	178	21,027	9,420	112	864	409	724	952	145	294	334
	# Change 04-08	57	7,772	3,478	81	244	174	451	225	52	140	122
	% Change 04-08	47.1%	58.6%	58.5%	261.3%	39.4%	74.0%	165.2%	30.9%	55.9%	90.9%	57.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 386: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15.0%	16.8%	15.1%	14.0%	20.8%	26.8%	17.2%	10.2%	17.4%	15.4%	19.3%
	2005	16.4%	19.5%	17.7%	12.6%	25.6%	27.3%	26.5%	12.1%	25.5%	17.2%	23.2%
	2006	20.7%	21.0%	18.2%	19.4%	30.8%	30.8%	33.3%	14.5%	22.7%	23.5%	21.1%
	2007	24.2%	22.1%	19.5%	16.9%	30.8%	34.8%	34.5%	17.5%	23.1%	18.2%	19.3%
	2008	21.0%	23.1%	20.8%	26.6%	27.6%	32.4%	33.5%	19.5%	23.9%	24.3%	22.7%
Private Institutions	2004	16.4%	31.6%	40.3%	15.1%	11.9%	27.2%	24.8%	26.8%	22.6%	21.2%	24.7%
	2005	35.7%	35.5%	41.9%	31.9%	11.8%	24.0%	39.5%	30.0%	18.2%	22.6%	33.3%
	2006	29.3%	36.3%	40.9%	26.9%	14.1%	27.7%	52.4%	21.2%	16.3%	29.9%	29.6%
	2007	20.6%	40.5%	47.6%	46.2%	22.0%	47.6%	56.3%	23.9%	31.7%	29.9%	40.1%
	2008	21.1%	42.9%	50.6%	44.8%	17.1%	38.8%	61.4%	22.6%	20.7%	31.0%	42.2%
All Institutions	2004	15.6%	21.7%	23.5%	14.4%	19.3%	26.9%	19.8%	19.0%	18.0%	18.6%	21.0%
	2005	25.1%	24.6%	25.6%	19.6%	23.1%	26.2%	31.5%	20.6%	24.5%	19.8%	26.3%
	2006	24.5%	26.0%	26.1%	22.9%	26.9%	29.7%	39.8%	17.7%	21.8%	26.8%	23.8%
	2007	22.7%	27.8%	28.5%	29.8%	29.2%	38.6%	42.5%	20.8%	24.3%	23.9%	24.7%
	2008	21.0%	29.4%	30.7%	36.4%	25.4%	34.7%	44.4%	21.0%	23.5%	27.5%	27.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 387: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Asian Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	18	2,307	609	29	108	19	60	172	40	54	61
	2005	22	2,683	676	41	112	19	109	241	51	43	78
	2006	30	3,037	781	34	105	15	126	226	61	59	97
	2007	29	3,489	922	56	122	22	178	273	64	78	100
	2008	51	4,112	1,082	46	127	31	196	343	80	64	109
	# Change 04-08	33	1,805	473	17	19	12	136	171	40	10	48
	% Change 04-08	183.3%	78.2%	77.7%	58.6%	17.6%	63.2%	226.7%	99.4%	100.0%	18.5%	78.7%
Private Institutions	2004	82	1,295	273	11	111	8	31	207	2	127	6
	2005	80	1,352	279	23	98	14	34	210	7	106	9
	2006	131	1,839	313	14	157	18	29	285	6	173	13
	2007	132	2,242	411	27	238	20	55	334	12	204	30
	2008	147	2,574	500	26	273	19	55	400	7	230	23
	# Change 04-08	65	1,279	227	15	162	11	24	193	5	103	17
	% Change 04-08	79.3%	98.8%	83.2%	136.4%	145.9%	137.5%	77.4%	93.2%	250.0%	81.1%	283.3%
All Institutions	2004	100	3,602	882	40	219	27	91	379	42	181	67
	2005	102	4,035	955	64	210	33	143	451	58	149	87
	2006	161	4,876	1,094	48	262	33	155	511	67	232	110
	2007	161	5,731	1,333	83	360	42	233	607	76	282	130
	2008	198	6,686	1,582	72	400	50	251	743	87	294	132
	# Change 04-08	98	3,084	700	32	181	23	160	364	45	113	65
	% Change 04-08	98.0%	85.6%	79.4%	80.0%	82.6%	85.2%	175.8%	96.0%	107.1%	62.4%	97.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 388: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.0%	3.6%	2.4%	8.2%	4.5%	3.1%	2.7%	4.4%	4.0%	4.8%	4.1%
	2005	3.2%	3.9%	2.5%	11.2%	4.8%	2.8%	4.5%	5.4%	5.4%	3.4%	3.6%
	2006	4.2%	4.2%	2.8%	8.2%	4.3%	1.9%	5.3%	5.1%	6.3%	4.4%	4.3%
	2007	3.8%	4.7%	3.2%	11.9%	4.9%	2.5%	6.8%	6.1%	6.1%	5.5%	4.2%
	2008	6.9%	5.4%	3.6%	10.4%	5.2%	3.2%	7.7%	7.0%	7.1%	4.7%	4.5%
Private Institutions	2004	2.9%	4.6%	5.3%	2.6%	5.5%	2.3%	5.7%	4.2%	0.5%	5.4%	3.7%
	2005	2.8%	4.7%	5.1%	5.1%	4.5%	3.6%	6.1%	4.3%	2.0%	4.4%	4.7%
	2006	4.3%	6.2%	5.8%	2.9%	7.1%	4.6%	5.0%	5.5%	1.4%	7.1%	6.0%
	2007	4.3%	7.3%	7.3%	5.6%	10.3%	4.6%	10.3%	6.2%	2.5%	8.6%	13.8%
	2008	4.7%	7.9%	8.9%	5.1%	11.3%	3.5%	9.7%	7.4%	1.4%	8.8%	9.1%
All Institutions	2004	2.9%	3.9%	2.9%	5.1%	5.0%	2.8%	3.3%	4.3%	2.9%	5.2%	4.1%
	2005	2.8%	4.1%	2.9%	7.8%	4.6%	3.1%	4.8%	4.8%	4.4%	4.1%	3.7%
	2006	4.3%	4.8%	3.2%	5.4%	5.7%	2.8%	5.3%	5.3%	4.8%	6.1%	4.5%
	2007	4.2%	5.4%	3.9%	8.7%	7.5%	3.2%	7.4%	6.2%	5.0%	7.4%	5.0%
	2008	5.1%	6.2%	4.5%	7.6%	8.2%	3.4%	8.0%	7.2%	5.4%	7.4%	4.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 389: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Asian Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	1,396	396	7	52	23	68	56	23	52	21
	2005	9	1,427	414	7	51	37	67	66	37	48	32
	2006	14	1,531	418	6	59	55	80	63	36	46	41
	2007	20	1,701	450	8	80	52	105	89	37	36	39
	2008	17	1,779	478	16	62	61	125	90	36	36	40
	# Change 04-08	12	383	82	9	10	38	57	34	13	-16	19
	% Change 04-08	240.0%	27.4%	20.7%	128.6%	19.2%	165.2%	83.8%	60.7%	56.5%	-30.8%	90.5%
Private Institutions	2004	125	1,880	521	49	103	11	14	381	13	101	8
	2005	129	2,029	633	53	135	18	19	380	8	121	4
	2006	168	2,222	621	48	108	18	18	409	12	119	13
	2007	180	2,330	628	58	119	24	18	439	13	148	9
	2008	197	2,409	637	43	153	34	16	481	13	182	10
	# Change 04-08	72	529	116	-6	50	23	2	100	0	81	2
	% Change 04-08	57.6%	28.1%	22.3%	-12.2%	48.5%	209.1%	14.3%	26.2%	0.0%	80.2%	25.0%
All Institutions	2004	130	3,276	917	56	155	34	82	437	36	153	29
	2005	138	3,456	1,047	60	186	55	86	446	45	169	36
	2006	182	3,753	1,039	54	167	73	98	472	48	165	54
	2007	200	4,031	1,078	66	199	76	123	528	50	184	48
	2008	214	4,188	1,115	59	215	95	141	571	49	218	50
	# Change 04-08	84	912	198	3	60	61	59	134	13	65	21
	% Change 04-08	64.6%	27.8%	21.6%	5.4%	38.7%	179.4%	72.0%	30.7%	36.1%	42.5%	72.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 390: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.9%	10.3%	11.4%	10.6%	10.4%	16.8%	13.4%	6.6%	8.0%	15.2%	9.0%
	2005	5.3%	9.7%	10.5%	7.9%	9.3%	26.6%	12.2%	7.6%	11.7%	14.4%	6.2%
	2006	8.1%	10.0%	9.8%	6.0%	11.2%	29.1%	15.2%	7.3%	13.3%	13.5%	7.6%
	2007	10.3%	10.5%	10.4%	10.0%	13.2%	26.0%	17.9%	9.7%	13.0%	12.1%	5.2%
	2008	8.0%	10.8%	10.3%	14.0%	10.9%	24.8%	21.2%	9.0%	15.0%	12.4%	7.2%
Private Institutions	2004	9.9%	11.9%	13.6%	16.4%	7.0%	6.8%	4.2%	13.4%	6.5%	11.7%	9.3%
	2005	9.8%	12.2%	16.0%	18.1%	8.4%	9.2%	5.2%	13.6%	3.9%	12.1%	4.0%
	2006	12.2%	12.9%	15.8%	17.6%	6.9%	9.4%	4.8%	12.7%	4.2%	12.7%	13.1%
	2007	12.5%	13.0%	15.5%	19.9%	6.9%	10.8%	5.5%	13.8%	3.9%	14.7%	9.0%
	2008	13.3%	12.7%	15.8%	14.7%	8.1%	11.8%	4.0%	15.5%	3.6%	16.5%	3.0%
All Institutions	2004	9.4%	11.2%	12.6%	15.4%	7.8%	11.4%	9.7%	11.8%	7.4%	12.7%	9.1%
	2005	9.3%	11.0%	13.3%	15.7%	8.6%	16.4%	9.4%	12.2%	8.6%	12.7%	5.9%
	2006	11.7%	11.6%	12.7%	14.5%	8.0%	19.2%	10.9%	11.5%	8.6%	12.9%	8.5%
	2007	12.2%	11.8%	12.9%	17.7%	8.5%	18.0%	13.4%	12.9%	8.1%	14.1%	5.7%
	2008	12.7%	11.8%	12.9%	14.5%	8.8%	17.8%	14.2%	13.9%	8.1%	15.6%	5.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 391: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Asian Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15	3,144	343	21	191	33	238	225	47	186	107
	2005	10	3,269	392	23	201	38	239	227	49	178	104
	2006	18	3,235	380	25	194	48	235	264	56	187	65
	2007	15	3,432	392	38	210	48	242	238	53	202	67
	2008	10	3,583	434	18	224	50	291	264	48	216	114
	# Change 04-08	-5	439	91	-3	33	17	53	39	1	30	7
	% Change 04-08	-33.3%	14.0%	26.5%	-14.3%	17.3%	51.5%	22.3%	17.3%	2.1%	16.1%	6.5%
Private Institutions	2004	517	3,754	824	27	305	9	0	725	41	384	32
	2005	466	3,863	886	17	342	4	1	779	50	350	27
	2006	405	3,809	891	25	356	6	3	742	19	363	29
	2007	518	4,163	909	13	360	12	0	824	48	416	45
	2008	479	4,211	891	18	378	9	3	863	28	437	39
	# Change 04-08	-38	457	67	-9	73	0	3	138	-13	53	7
	% Change 04-08	-7.4%	12.2%	8.1%	-33.3%	23.9%	0.0%	N/A	19.0%	-31.7%	13.8%	21.9%
All Institutions	2004	532	6,898	1,167	48	496	42	238	950	88	570	139
	2005	476	7,132	1,278	40	543	42	240	1,006	99	528	131
	2006	423	7,044	1,271	50	550	54	238	1,006	75	550	94
	2007	533	7,595	1,301	51	570	60	242	1,062	101	618	112
	2008	489	7,794	1,325	36	602	59	294	1,127	76	653	153
	# Change 04-08	-43	896	158	-12	106	17	56	177	-12	83	14
	% Change 04-08	-8.1%	13.0%	13.5%	-25.0%	21.4%	40.5%	23.5%	18.6%	-13.6%	14.6%	10.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 392: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	34.9%	60.3%	37.1%	67.7%	74.0%	42.3%	78.5%	76.8%	48.5%	64.6%	69.5%
	2005	41.7%	59.6%	42.2%	54.8%	71.0%	43.7%	79.7%	74.7%	55.1%	70.9%	53.3%
	2006	72.0%	56.4%	40.1%	51.0%	64.7%	51.1%	74.8%	80.5%	53.8%	60.1%	39.6%
	2007	42.9%	55.0%	38.9%	79.2%	42.3%	48.5%	74.5%	72.6%	53.5%	67.1%	39.2%
	2008	38.5%	56.9%	40.4%	56.3%	67.7%	52.6%	74.4%	72.7%	51.6%	68.6%	51.4%
Private Institutions	2004	63.9%	55.6%	49.3%	42.9%	60.3%	16.4%	0.0%	60.0%	34.7%	80.7%	71.1%
	2005	61.6%	52.9%	49.4%	25.8%	58.7%	7.7%	1.4%	57.5%	35.5%	69.4%	49.1%
	2006	53.8%	51.4%	50.3%	33.3%	57.3%	10.0%	3.9%	56.0%	15.1%	72.6%	43.9%
	2007	57.0%	51.6%	47.9%	16.9%	57.5%	16.4%	0.0%	56.2%	31.0%	76.8%	48.4%
	2008	57.4%	52.4%	47.2%	21.4%	60.6%	10.5%	4.3%	59.2%	20.7%	77.6%	50.0%
All Institutions	2004	62.4%	57.6%	44.9%	51.1%	64.9%	31.6%	66.1%	63.3%	40.9%	74.6%	69.8%
	2005	61.0%	55.7%	46.9%	37.0%	62.7%	30.2%	65.0%	60.6%	43.0%	69.9%	52.4%
	2006	54.4%	53.6%	46.7%	40.3%	59.7%	35.1%	60.9%	60.9%	32.6%	67.8%	40.9%
	2007	56.5%	53.1%	44.8%	40.8%	50.8%	34.9%	60.0%	59.2%	39.8%	73.3%	42.4%
	2008	56.8%	54.4%	44.7%	31.0%	63.0%	32.6%	63.8%	61.9%	33.3%	74.4%	51.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 393: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Black Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	420	26,122	1,177	115	1,868	483	397	1,320	1,471	458	1,255
	2005	453	28,672	1,237	108	2,103	478	412	1,422	1,613	484	1,217
	2006	483	29,254	1,294	130	2,160	589	423	1,539	1,805	419	1,135
	2007	540	30,947	1,259	123	2,276	684	502	1,703	1,787	491	1,207
	2008	458	32,186	1,555	134	2,112	573	500	1,711	1,694	485	1,410
	# Change 04-08	38	6,064	378	19	244	90	103	391	223	27	155
	% Change 04-08	9.0%	23.2%	32.1%	16.5%	13.1%	18.6%	25.9%	29.6%	15.2%	5.9%	12.4%
Private Institutions	2004	284	39,117	3,961	524	1,225	159	1,536	2,965	265	1,424	2,026
	2005	530	43,172	3,979	591	1,740	148	1,894	3,185	261	1,985	2,218
	2006	480	47,453	4,176	589	1,852	183	1,757	3,034	269	2,284	2,534
	2007	309	51,353	3,934	617	2,147	245	1,932	3,443	353	2,526	2,404
	2008	302	53,774	4,526	625	2,133	284	1,649	3,108	389	2,158	2,587
	# Change 04-08	18	14,657	565	101	908	125	113	143	124	734	561
	% Change 04-08	6.3%	37.5%	14.3%	19.3%	74.1%	78.6%	7.4%	4.8%	46.8%	51.5%	27.7%
All Institutions	2004	704	65,239	5,138	639	3,093	642	1,933	4,285	1,736	1,882	3,281
	2005	983	71,844	5,216	699	3,843	626	2,306	4,607	1,874	2,469	3,435
	2006	963	76,707	5,470	719	4,012	772	2,180	4,573	2,074	2,703	3,669
	2007	849	82,300	5,193	740	4,423	929	2,434	5,146	2,140	3,017	3,611
	2008	760	85,960	6,081	759	4,245	857	2,149	4,819	2,083	2,643	3,997
	# Change 04-08	56	20,721	943	120	1,152	215	216	534	347	761	716
	% Change 04-08	8.0%	31.8%	18.4%	18.8%	37.2%	33.5%	11.2%	12.5%	20.0%	40.4%	21.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 394: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	40.0%	23.9%	13.9%	21.8%	26.1%	47.2%	23.0%	23.5%	20.2%	25.7%	40.7%
	2005	42.9%	24.6%	13.7%	20.3%	28.2%	49.9%	23.2%	23.5%	21.0%	27.0%	40.0%
	2006	45.3%	24.8%	14.1%	21.4%	30.4%	52.2%	22.0%	25.4%	23.9%	23.0%	37.1%
	2007	47.2%	25.2%	14.2%	21.1%	29.5%	50.8%	25.7%	26.3%	23.6%	23.3%	40.1%
	2008	42.5%	25.4%	15.6%	22.9%	28.3%	47.8%	24.1%	27.0%	21.3%	22.0%	44.8%
Private Institutions	2004	30.8%	47.6%	63.0%	45.1%	29.7%	44.4%	44.6%	35.1%	25.1%	30.2%	50.8%
	2005	47.2%	49.8%	63.8%	46.5%	32.3%	36.9%	49.3%	37.4%	24.5%	37.0%	52.4%
	2006	48.5%	51.5%	65.0%	43.2%	33.2%	40.4%	52.1%	38.3%	22.2%	37.8%	58.5%
	2007	33.7%	53.4%	65.5%	45.5%	37.7%	55.2%	62.6%	40.1%	27.2%	40.7%	56.3%
	2008	29.0%	52.6%	67.9%	46.7%	37.3%	53.1%	53.1%	40.8%	28.1%	36.4%	56.3%
All Institutions	2004	35.7%	34.0%	34.8%	37.8%	27.4%	46.5%	37.4%	30.5%	20.8%	29.0%	46.4%
	2005	45.1%	35.3%	34.2%	38.7%	29.9%	46.1%	41.1%	31.6%	21.4%	34.5%	47.2%
	2006	46.8%	36.5%	35.0%	36.5%	31.7%	48.8%	41.2%	32.7%	23.7%	34.4%	49.6%
	2007	41.2%	37.6%	34.8%	38.1%	33.0%	51.9%	48.3%	34.2%	24.1%	36.3%	49.6%
	2008	35.9%	37.6%	36.6%	39.5%	32.2%	49.4%	41.5%	34.5%	22.3%	32.5%	51.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 395: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Black Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	42	5,531	171	30	243	9	134	455	357	132	229
	2005	45	5,736	170	25	238	11	160	503	400	130	247
	2006	48	6,116	191	31	218	19	199	516	446	128	235
	2007	70	6,716	212	31	312	29	206	564	459	161	271
	2008	95	7,437	238	38	301	37	216	677	592	142	280
	# Change 04-08	53	1,906	67	8	58	28	82	222	235	10	51
	% Change 04-08	126.2%	34.5%	39.2%	26.7%	23.9%	311.1%	61.2%	48.8%	65.8%	7.6%	22.3%
Private Institutions	2004	59	2,610	104	26	147	13	41	496	51	206	89
	2005	83	2,849	88	34	226	9	58	518	53	226	101
	2006	100	3,670	103	38	303	18	41	704	54	354	140
	2007	138	4,101	104	40	361	18	61	774	57	321	134
	2008	128	4,702	163	37	309	34	66	818	51	398	187
	# Change 04-08	69	2,092	59	11	162	21	25	322	0	192	98
	% Change 04-08	116.9%	80.2%	56.7%	42.3%	110.2%	161.5%	61.0%	64.9%	0.0%	93.2%	110.1%
All Institutions	2004	101	8,141	275	56	390	22	175	951	408	338	318
	2005	128	8,585	258	59	464	20	218	1,021	453	356	348
	2006	148	9,786	294	69	521	37	240	1,220	500	482	375
	2007	208	10,817	316	71	673	47	267	1,338	516	482	405
	2008	223	12,139	401	75	610	71	282	1,495	643	540	467
	# Change 04-08	122	3,998	126	19	220	49	107	544	235	202	149
	% Change 04-08	120.8%	49.1%	45.8%	33.9%	56.4%	222.7%	61.1%	57.2%	57.6%	59.8%	46.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 396: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.5%	7.0%	4.0%	5.9%	7.5%	2.4%	6.1%	8.0%	6.9%	4.9%	6.2%
	2005	6.9%	7.1%	3.9%	4.6%	7.6%	3.4%	7.0%	8.2%	7.5%	4.7%	6.7%
	2006	6.7%	7.3%	4.1%	5.4%	7.1%	4.5%	8.0%	8.4%	8.3%	4.4%	6.3%
	2007	9.8%	7.9%	4.4%	4.9%	9.5%	5.7%	8.3%	9.2%	8.0%	5.6%	7.1%
	2008	12.6%	8.5%	4.8%	6.2%	9.3%	7.0%	8.5%	10.7%	10.0%	5.0%	7.4%
Private Institutions	2004	3.2%	5.4%	4.7%	4.1%	5.3%	5.5%	5.5%	8.7%	2.0%	9.3%	5.3%
	2005	4.2%	5.6%	3.5%	5.5%	6.4%	3.3%	6.7%	8.7%	2.1%	9.7%	5.4%
	2006	5.1%	6.8%	4.2%	5.5%	7.9%	6.1%	4.6%	11.7%	2.1%	13.3%	6.9%
	2007	6.8%	7.3%	4.1%	5.6%	8.7%	5.6%	7.1%	12.4%	2.1%	12.7%	6.3%
	2008	5.8%	8.0%	6.1%	5.6%	7.8%	8.6%	7.2%	13.1%	1.8%	14.1%	8.3%
All Institutions	2004	4.0%	6.4%	4.2%	4.9%	6.5%	3.6%	6.0%	8.3%	5.3%	6.9%	5.9%
	2005	4.9%	6.5%	3.8%	5.1%	7.0%	3.4%	6.9%	8.5%	5.8%	7.0%	6.2%
	2006	5.5%	7.1%	4.1%	5.5%	7.5%	5.2%	7.1%	10.0%	6.2%	8.6%	6.5%
	2007	7.6%	7.6%	4.3%	5.3%	9.0%	5.7%	8.0%	10.8%	6.1%	8.9%	6.9%
	2008	7.5%	8.3%	5.2%	5.9%	8.5%	7.7%	8.1%	11.9%	7.3%	9.6%	7.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 397: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Black Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15	2,179	115	5	79	13	67	170	102	53	68
	2005	11	2,302	122	14	84	12	65	168	115	62	61
	2006	9	2,453	109	17	93	13	107	170	138	53	72
	2007	19	2,624	130	16	192	16	110	174	160	55	66
	2008	20	2,891	148	17	176	32	131	222	165	54	64
	# Change 04-08	5	712	33	12	97	19	64	52	63	1	-4
	% Change 04-08	33.3%	32.7%	28.7%	240.0%	122.8%	146.2%	95.5%	30.6%	61.8%	1.9%	-5.9%
Private Institutions	2004	65	1,697	119	28	84	14	19	294	47	124	48
	2005	71	1,947	118	38	168	24	19	316	38	159	37
	2006	65	2,423	129	42	179	39	23	355	68	151	36
	2007	76	2,789	143	41	188	80	15	446	81	196	47
	2008	90	3,038	200	43	184	128	10	445	82	228	51
	# Change 04-08	25	1,341	81	15	100	114	-9	151	35	104	3
	% Change 04-08	38.5%	79.0%	68.1%	53.6%	119.0%	814.3%	-47.4%	51.4%	74.5%	83.9%	6.3%
All Institutions	2004	80	3,876	234	33	163	27	86	464	149	177	116
	2005	82	4,249	240	52	252	36	84	484	153	221	98
	2006	74	4,876	238	59	272	52	130	525	206	204	108
	2007	95	5,413	273	57	380	96	125	620	241	251	113
	2008	110	5,929	348	60	360	160	141	667	247	282	115
	# Change 04-08	30	2,053	114	27	197	133	55	203	98	105	-1
	% Change 04-08	37.5%	53.0%	48.7%	81.8%	120.9%	492.6%	64.0%	43.8%	65.8%	59.3%	-0.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 398: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14.2%	9.1%	10.7%	2.9%	8.4%	14.6%	11.2%	9.6%	10.5%	6.6%	6.6%
	2005	8.7%	9.1%	10.2%	8.9%	8.1%	12.8%	11.1%	9.8%	10.3%	9.6%	5.8%
	2006	6.6%	9.4%	9.1%	7.9%	9.2%	11.1%	15.3%	9.2%	11.7%	7.9%	6.6%
	2007	10.4%	9.9%	10.8%	8.6%	17.0%	13.3%	15.7%	9.7%	12.6%	8.1%	5.9%
	2008	11.2%	10.7%	12.1%	6.4%	16.4%	19.9%	19.3%	12.7%	11.6%	7.6%	5.9%
Private Institutions	2004	4.7%	7.0%	5.8%	10.5%	4.6%	4.0%	5.9%	8.7%	13.9%	12.1%	10.3%
	2005	4.9%	7.1%	5.6%	11.5%	5.9%	4.9%	6.1%	9.6%	10.7%	13.8%	7.3%
	2006	4.0%	7.9%	6.2%	12.2%	6.0%	5.8%	6.5%	10.0%	14.1%	12.4%	7.1%
	2007	4.8%	8.3%	7.0%	12.7%	6.1%	9.0%	4.3%	11.7%	15.2%	13.9%	7.2%
	2008	5.5%	8.7%	9.6%	14.1%	6.1%	11.3%	2.5%	12.1%	14.5%	15.9%	6.4%
All Institutions	2004	5.4%	8.1%	7.5%	7.5%	5.9%	6.2%	9.3%	9.0%	11.4%	9.7%	7.8%
	2005	5.2%	8.0%	7.3%	10.7%	6.5%	6.2%	9.4%	9.7%	10.4%	12.3%	6.3%
	2006	4.2%	8.6%	7.3%	10.5%	6.8%	6.6%	12.4%	9.7%	12.4%	10.8%	6.8%
	2007	5.4%	9.0%	8.4%	11.2%	9.1%	9.5%	11.9%	11.1%	13.4%	12.0%	6.4%
	2008	6.0%	9.6%	10.5%	10.5%	8.8%	12.4%	13.1%	12.3%	12.4%	13.1%	6.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 399: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Black Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	1,141	33	13	36	5	45	53	42	108	47
	2005	5	1,296	36	11	39	13	68	60	57	98	53
	2006	2	1,355	34	16	56	10	82	67	52	121	40
	2007	5	1,296	40	17	52	8	63	63	57	85	39
	2008	4	1,367	45	14	48	10	67	56	56	77	44
	# Change 04-08	1	226	12	1	12	5	22	3	14	-31	-3
	% Change 04-08	33.3%	19.8%	36.4%	7.7%	33.3%	100.0%	48.9%	5.7%	33.3%	-28.7%	-6.4%
Private Institutions	2004	68	1,198	68	17	44	10	0	166	28	80	66
	2005	74	1,263	59	15	56	14	1	153	22	95	57
	2006	83	1,314	54	12	56	9	3	180	26	81	59
	2007	100	1,380	66	6	58	13	0	188	31	87	79
	2008	114	1,439	67	9	76	15	3	168	38	119	60
	# Change 04-08	46	241	-1	-8	32	5	3	2	10	39	-6
	% Change 04-08	67.6%	20.1%	-1.5%	-47.1%	72.7%	50.0%	N/A	1.2%	35.7%	48.8%	-9.1%
All Institutions	2004	71	2,339	101	30	80	15	45	219	70	188	113
	2005	79	2,559	95	26	95	27	69	213	79	193	110
	2006	85	2,669	88	28	112	19	85	247	78	202	99
	2007	105	2,676	106	23	110	21	63	251	88	172	118
	2008	118	2,806	112	23	124	25	70	224	94	196	104
	# Change 04-08	47	467	11	-7	44	10	25	5	24	8	-9
	% Change 04-08	66.2%	20.0%	10.9%	-23.3%	55.0%	66.7%	55.6%	2.3%	34.3%	4.3%	-8.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 400: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14.3%	32.7%	24.8%	65.0%	30.3%	20.8%	37.5%	37.3%	23.0%	50.9%	30.5%
	2005	22.7%	35.9%	27.3%	42.3%	32.8%	61.9%	54.4%	44.4%	27.4%	47.3%	33.5%
	2006	14.3%	36.8%	24.6%	44.4%	44.4%	38.5%	63.6%	47.9%	27.5%	54.5%	27.0%
	2007	23.8%	32.5%	28.6%	54.8%	43.3%	23.5%	47.7%	48.5%	27.1%	40.9%	23.6%
	2008	30.8%	33.9%	29.6%	35.0%	40.7%	31.3%	40.4%	43.1%	25.2%	44.0%	26.8%
Private Institutions	2004	26.5%	24.6%	17.8%	24.6%	18.6%	11.4%	0.0%	29.2%	22.6%	42.1%	28.3%
	2005	24.8%	23.8%	14.5%	29.4%	20.1%	13.5%	1.1%	28.9%	17.5%	35.8%	21.5%
	2006	29.9%	25.7%	14.6%	20.3%	21.2%	6.9%	4.3%	31.7%	19.3%	34.6%	23.3%
	2007	32.7%	24.8%	15.3%	10.9%	19.1%	6.1%	0.0%	31.2%	18.9%	40.5%	29.3%
	2008	37.9%	26.8%	17.0%	16.1%	25.1%	6.8%	3.6%	31.0%	27.9%	47.0%	27.3%
All Institutions	2004	25.5%	28.0%	19.6%	33.7%	22.5%	13.4%	23.9%	30.8%	22.8%	46.8%	29.2%
	2005	24.7%	28.7%	17.6%	33.8%	23.9%	21.6%	31.5%	32.0%	23.7%	40.9%	26.0%
	2006	29.1%	30.3%	17.4%	29.5%	28.7%	12.2%	42.7%	34.9%	24.1%	44.3%	24.7%
	2007	32.1%	28.0%	18.6%	26.7%	26.0%	8.5%	26.9%	34.2%	23.5%	40.7%	27.1%
	2008	37.6%	29.8%	20.5%	24.0%	29.5%	10.0%	28.0%	33.3%	26.3%	45.8%	27.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 401: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	141	15,277	3,287	53	932	98	181	444	99	66	129
	2005	170	17,064	3,867	65	971	104	213	474	93	99	124
	2006	156	17,154	3,849	61	1,020	155	272	530	117	93	141
	2007	188	18,823	4,131	71	1,208	132	283	629	139	118	133
	2008	209	19,370	3,882	76	1,199	107	289	673	152	154	152
	# Change 04-08	68	4,093	595	23	267	9	108	229	53	88	23
	% Change 04-08	48.2%	26.8%	18.1%	43.4%	28.6%	9.2%	59.7%	51.6%	53.5%	133.3%	17.8%
Private Institutions	2004	312	42,131	12,980	321	466	29	760	1,803	9	268	124
	2005	551	45,235	13,597	417	583	19	1,101	2,093	22	369	152
	2006	585	48,071	13,963	358	812	27	1,249	1,785	12	453	172
	2007	437	50,856	13,690	401	978	48	1,523	2,244	24	478	188
	2008	369	55,681	16,438	447	899	39	1,514	2,115	39	468	236
	# Change 04-08	57	13,550	3,458	126	433	10	754	312	30	200	112
	% Change 04-08	18.3%	32.2%	26.6%	39.3%	92.9%	34.5%	99.2%	17.3%	333.3%	74.6%	90.3%
All Institutions	2004	453	57,408	16,267	374	1,398	127	941	2,247	108	334	253
	2005	721	62,299	17,464	482	1,554	123	1,314	2,567	115	468	276
	2006	741	65,225	17,812	419	1,832	182	1,521	2,315	129	546	313
	2007	625	69,679	17,821	472	2,186	180	1,806	2,873	163	596	321
	2008	578	75,051	20,320	523	2,098	146	1,803	2,788	191	622	388
	# Change 04-08	125	17,643	4,053	149	700	19	862	541	83	288	135
	% Change 04-08	27.6%	30.7%	24.9%	39.8%	50.1%	15.0%	91.6%	24.1%	76.9%	86.2%	53.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 402: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.3%	17.3%	11.3%	13.1%	24.2%	32.0%	13.4%	11.3%	15.6%	15.8%	26.2%
	2005	24.4%	17.9%	12.3%	16.5%	23.0%	34.7%	14.6%	11.2%	13.9%	23.3%	23.5%
	2006	21.9%	17.2%	11.8%	13.4%	24.0%	40.3%	16.7%	12.6%	15.7%	20.4%	26.6%
	2007	26.4%	17.7%	11.6%	15.9%	26.5%	35.4%	15.9%	14.0%	17.5%	21.1%	22.2%
	2008	25.5%	17.7%	11.2%	14.6%	26.5%	30.3%	15.4%	15.0%	16.8%	23.9%	21.0%
Private Institutions	2004	36.9%	41.8%	54.1%	36.0%	13.8%	25.7%	28.9%	27.8%	7.3%	24.2%	36.0%
	2005	50.4%	43.5%	52.9%	39.4%	14.5%	21.1%	38.6%	31.5%	14.1%	29.4%	39.7%
	2006	52.5%	44.6%	53.4%	35.9%	21.0%	23.5%	43.8%	29.8%	9.5%	32.0%	44.3%
	2007	40.1%	45.4%	53.4%	37.8%	26.3%	37.8%	50.7%	34.5%	15.7%	34.7%	48.8%
	2008	32.3%	46.4%	56.7%	39.1%	24.3%	26.7%	46.5%	34.8%	23.9%	29.3%	48.8%
All Institutions	2004	29.5%	30.3%	30.6%	28.9%	19.3%	30.3%	23.6%	21.6%	14.2%	21.9%	30.2%
	2005	40.3%	31.2%	30.6%	33.1%	18.9%	31.5%	30.5%	23.6%	13.9%	27.9%	30.3%
	2006	40.6%	31.4%	30.3%	28.9%	22.5%	36.4%	34.0%	22.7%	14.8%	29.2%	34.1%
	2007	34.7%	31.9%	29.1%	31.3%	26.4%	36.0%	37.7%	26.1%	17.2%	30.8%	32.6%
	2008	29.4%	32.7%	31.9%	31.4%	25.5%	29.3%	35.2%	26.4%	17.9%	27.7%	32.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 403: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	19	3,289	426	24	60	5	71	170	16	32	43
	2005	25	3,529	478	19	65	10	75	177	27	39	41
	2006	27	3,752	533	31	77	10	69	204	36	33	56
	2007	31	4,180	631	18	121	6	94	222	26	32	50
	2008	39	4,560	693	20	113	9	101	229	42	48	41
	# Change 04-08	20	1,271	267	-4	53	4	30	59	26	16	-2
	% Change 04-08	105.3%	38.6%	62.7%	-16.7%	88.3%	80.0%	42.3%	34.7%	162.5%	50.0%	-4.7%
Private Institutions	2004	38	1,793	191	26	60	3	15	193	7	53	8
	2005	31	1,895	208	22	81	3	32	233	9	60	7
	2006	59	2,426	204	32	121	9	20	309	6	73	13
	2007	62	2,727	234	23	141	9	43	363	9	90	18
	2008	83	3,091	308	32	172	10	40	325	8	116	21
	# Change 04-08	45	1,298	117	6	112	7	25	132	1	63	13
	% Change 04-08	118.4%	72.4%	61.3%	23.1%	186.7%	233.3%	166.7%	68.4%	14.3%	118.9%	162.5%
All Institutions	2004	57	5,082	617	50	120	8	86	363	23	85	51
	2005	56	5,424	686	41	146	13	107	410	36	99	48
	2006	86	6,178	737	63	198	19	89	513	42	106	69
	2007	93	6,907	865	41	262	15	137	585	35	122	68
	2008	122	7,651	1,001	52	285	19	141	554	50	164	62
	# Change 04-08	65	2,569	384	2	165	11	55	191	27	79	11
	% Change 04-08	114.0%	50.6%	62.2%	4.0%	137.5%	137.5%	64.0%	52.6%	117.4%	92.9%	21.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 404: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees – Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.4%	4.6%	2.4%	5.7%	3.4%	2.4%	3.3%	4.2%	3.7%	4.7%	5.9%
	2005	5.6%	4.7%	2.5%	4.6%	3.5%	4.5%	3.4%	3.9%	5.3%	5.2%	4.9%
	2006	5.4%	4.7%	2.6%	6.3%	4.1%	4.3%	2.9%	4.4%	6.2%	4.0%	5.9%
	2007	6.2%	5.0%	3.0%	3.6%	6.0%	2.5%	3.8%	4.7%	4.0%	3.8%	4.9%
	2008	7.0%	5.1%	3.1%	3.6%	5.0%	2.9%	3.9%	4.6%	6.0%	5.2%	3.5%
Private Institutions	2004	2.2%	4.6%	3.5%	6.2%	2.8%	1.6%	2.2%	3.7%	2.4%	5.4%	4.2%
	2005	1.8%	4.6%	3.6%	4.5%	3.3%	1.7%	4.0%	4.3%	2.6%	5.8%	3.7%
	2006	3.2%	5.6%	3.2%	6.1%	4.5%	5.0%	2.6%	6.0%	1.6%	6.3%	5.8%
	2007	3.3%	5.9%	3.6%	4.1%	4.6%	4.5%	5.3%	6.6%	2.3%	7.4%	6.5%
	2008	3.9%	6.4%	4.3%	5.5%	5.6%	4.4%	4.1%	6.0%	2.1%	8.5%	6.6%
All Institutions	2004	2.7%	4.6%	2.6%	5.9%	3.1%	2.1%	3.0%	3.9%	3.2%	5.1%	5.6%
	2005	2.6%	4.7%	2.7%	4.5%	3.4%	3.2%	3.5%	4.1%	4.2%	5.5%	4.7%
	2006	3.7%	5.0%	2.8%	6.2%	4.3%	4.6%	2.8%	5.3%	4.4%	5.3%	5.8%
	2007	3.9%	5.3%	3.1%	3.9%	5.2%	3.4%	4.2%	5.7%	3.3%	5.9%	5.2%
	2008	4.5%	5.6%	3.3%	4.6%	5.4%	3.6%	3.9%	5.4%	4.7%	7.2%	4.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 405: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	1,476	188	10	26	5	29	60	18	14	13
	2005	3	1,765	239	15	30	14	46	66	14	11	4
	2006	8	1,816	237	10	33	14	32	60	18	19	14
	2007	7	1,847	269	15	26	9	39	67	19	19	11
	2008	13	1,953	277	9	49	11	43	73	27	16	16
	# Change 04-08	7	477	89	-1	23	6	14	13	9	2	3
	% Change 04-08	116.7%	32.3%	47.3%	-10.0%	88.5%	120.0%	48.3%	21.7%	50.0%	14.3%	23.1%
Private Institutions	2004	51	1,169	221	23	44	10	17	205	6	47	4
	2005	57	1,148	195	22	48	5	15	240	3	44	5
	2006	60	1,427	265	25	68	6	14	210	3	43	4
	2007	66	1,557	260	21	54	15	14	238	8	48	10
	2008	52	1,753	337	33	67	26	14	265	9	56	7
	# Change 04-08	1	584	116	10	23	16	-3	60	3	9	3
	% Change 04-08	2.0%	50.0%	52.5%	43.5%	52.3%	160.0%	-17.6%	29.3%	50.0%	19.1%	75.0%
All Institutions	2004	57	2,645	409	33	70	15	46	265	24	61	17
	2005	60	2,913	434	37	78	19	61	306	17	55	9
	2006	68	3,243	502	35	101	20	46	270	21	62	18
	2007	73	3,404	529	36	80	24	53	305	27	67	21
	2008	65	3,706	614	42	116	37	57	338	36	72	23
	# Change 04-08	8	1,061	205	9	46	22	11	73	12	11	6
	% Change 04-08	14.0%	40.1%	50.1%	27.3%	65.7%	146.7%	23.9%	27.5%	50.0%	18.0%	35.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 406: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.4%	9.9%	6.8%	9.2%	6.4%	10.6%	7.7%	6.2%	15.3%	9.8%	3.1%
	2005	1.7%	11.2%	8.1%	12.0%	6.3%	23.0%	10.9%	6.5%	12.6%	7.7%	2.0%
	2006	3.6%	10.9%	7.2%	8.0%	7.1%	24.6%	7.0%	5.3%	14.9%	13.0%	5.7%
	2007	4.5%	10.8%	7.8%	10.6%	5.4%	13.0%	9.2%	5.9%	14.1%	10.6%	3.8%
	2008	6.2%	10.8%	7.3%	6.2%	9.8%	15.1%	8.8%	6.3%	19.0%	8.6%	5.9%
Private Institutions	2004	7.4%	6.7%	5.8%	13.4%	5.6%	9.2%	6.9%	5.8%	7.9%	16.2%	6.2%
	2005	7.8%	6.0%	5.4%	12.0%	4.4%	2.4%	6.1%	7.3%	4.1%	12.6%	6.3%
	2006	7.9%	7.2%	6.7%	14.5%	5.9%	2.0%	5.2%	8.6%	3.3%	12.6%	4.9%
	2007	8.2%	7.2%	6.7%	10.4%	4.3%	4.0%	5.2%	9.4%	7.2%	12.0%	10.3%
	2008	6.8%	8.1%	8.5%	16.8%	5.3%	6.8%	4.4%	9.7%	8.8%	12.4%	6.0%
All Institutions	2004	6.6%	8.2%	6.2%	11.7%	5.9%	9.6%	7.4%	5.9%	12.4%	14.1%	3.6%
	2005	6.6%	8.4%	6.6%	12.0%	5.0%	7.0%	9.1%	7.1%	9.2%	11.2%	3.2%
	2006	7.0%	8.9%	6.9%	11.8%	6.2%	5.6%	6.3%	7.6%	9.9%	12.7%	5.5%
	2007	7.6%	8.8%	7.2%	10.5%	4.6%	5.4%	7.6%	8.3%	11.0%	11.6%	5.4%
	2008	6.7%	9.3%	7.9%	12.3%	6.6%	8.2%	7.1%	8.7%	14.8%	11.3%	5.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 407: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	1,073	77	6	42	7	54	44	10	46	18
	2005	2	1,091	86	6	54	7	47	30	13	44	6
	2006	1	1,047	73	6	41	7	48	27	7	37	4
	2007	1	1,124	82	6	51	9	44	31	10	37	6
	2008	3	1,214	65	9	58	7	53	29	13	27	20
	# Change 04-08	-1	141	-12	3	16	0	-1	-15	3	-19	2
	% Change 04-08	-25.0%	13.1%	-15.6%	50.0%	38.1%	0.0%	-1.9%	-34.1%	30.0%	-41.3%	11.1%
Private Institutions	2004	60	1,003	146	18	47	3	1	144	8	51	6
	2005	69	1,067	148	10	35	2	1	138	7	58	3
	2006	69	1,044	151	6	28	5	2	129	5	60	6
	2007	86	1,140	131	44	35	3	2	138	10	61	9
	2008	70	1,263	170	10	42	4	2	168	8	73	6
	# Change 04-08	10	260	24	-8	-5	1	1	24	0	22	0
	% Change 04-08	16.7%	25.9%	16.4%	-44.4%	-10.6%	33.3%	100.0%	16.7%	0.0%	43.1%	0.0%
All Institutions	2004	64	2,076	223	24	89	10	55	188	18	97	24
	2005	71	2,158	234	16	89	9	48	168	20	102	9
	2006	70	2,091	224	12	69	12	50	156	12	97	10
	2007	87	2,264	213	50	86	12	46	169	20	98	15
	2008	73	2,477	235	19	100	11	55	197	21	100	26
	# Change 04-08	9	401	12	-5	11	1	0	9	3	3	2
	% Change 04-08	14.1%	19.3%	5.4%	-20.8%	12.4%	10.0%	0.0%	4.8%	16.7%	3.1%	8.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 408: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	26.7%	38.0%	24.6%	37.5%	57.5%	41.2%	50.5%	35.8%	35.7%	51.1%	23.4%
	2005	15.4%	36.6%	25.9%	22.2%	49.5%	28.0%	49.5%	33.3%	32.5%	57.1%	15.8%
	2006	7.7%	33.5%	21.1%	14.0%	40.2%	33.3%	44.9%	32.1%	20.0%	40.7%	14.3%
	2007	7.7%	35.0%	24.0%	25.0%	43.2%	34.6%	44.4%	31.6%	27.0%	40.7%	13.6%
	2008	17.6%	35.1%	18.8%	37.5%	52.7%	25.0%	40.8%	29.3%	26.0%	36.5%	34.5%
Private Institutions	2004	30.0%	26.4%	23.6%	34.0%	29.9%	10.7%	2.2%	30.0%	23.5%	49.5%	50.0%
	2005	30.8%	26.4%	21.2%	25.6%	22.6%	5.4%	2.0%	28.0%	23.3%	45.3%	12.0%
	2006	33.0%	26.4%	23.4%	13.0%	16.8%	10.9%	4.4%	26.8%	14.3%	48.4%	33.3%
	2007	34.1%	26.5%	18.1%	61.1%	17.5%	7.0%	4.3%	29.3%	20.8%	53.5%	34.6%
	2008	30.3%	28.6%	24.4%	23.8%	23.7%	5.4%	6.3%	31.7%	22.2%	55.7%	21.4%
All Institutions	2004	29.8%	31.3%	24.0%	34.8%	38.7%	22.2%	36.2%	31.2%	29.0%	50.3%	27.0%
	2005	30.0%	30.7%	22.7%	24.2%	33.7%	14.5%	33.3%	28.9%	28.6%	49.8%	14.3%
	2006	31.5%	29.5%	22.6%	13.5%	25.7%	17.9%	32.9%	27.6%	17.1%	45.1%	21.7%
	2007	32.8%	30.2%	20.0%	52.1%	27.0%	17.4%	31.5%	29.7%	23.5%	47.8%	21.4%
	2008	29.4%	31.5%	22.5%	28.8%	34.8%	10.8%	34.0%	31.3%	24.4%	48.8%	30.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 409: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - White Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2,258	146,398	7,151	516	8,615	4,764	1,513	4,990	5,142	4,291	3,527
	2005	2,517	161,835	7,380	633	9,795	5,950	1,577	5,248	5,599	4,831	3,584
	2006	2,676	166,964	7,290	598	9,789	6,487	1,731	5,278	5,932	4,972	3,566
	2007	2,532	173,741	7,741	673	10,259	6,527	1,971	5,492	6,168	4,951	3,844
	2008	2,729	179,097	7,931	662	10,352	6,719	1,820	5,506	5,660	5,256	4,507
	# Change 04-08	471	32,699	780	146	1,737	1,955	307	516	518	965	980
	% Change 04-08	20.9%	22.3%	10.9%	28.3%	20.2%	41.0%	20.3%	10.3%	10.1%	22.5%	27.8%
Private Institutions	2004	1,034	66,145	6,997	985	1,050	1,263	1,716	3,553	552	4,837	1,801
	2005	1,953	78,201	7,743	1,318	1,178	1,462	1,992	3,875	629	6,009	2,078
	2006	1,866	79,801	7,410	1,414	1,513	1,506	2,132	2,821	707	6,611	2,173
	2007	1,583	85,454	7,688	1,509	1,945	1,798	2,234	4,199	777	6,661	2,540
	2008	1,619	89,001	8,873	1,520	1,870	1,780	1,963	3,992	900	6,263	2,613
	# Change 04-08	585	22,856	1,876	535	820	517	247	439	348	1,426	812
	% Change 04-08	56.6%	34.6%	26.8%	54.3%	78.1%	40.9%	14.4%	12.4%	63.0%	29.5%	45.1%
All Institutions	2004	3,292	212,543	14,148	1,501	9,665	6,027	3,229	8,543	5,694	9,128	5,328
	2005	4,470	240,036	15,123	1,951	10,973	7,412	3,569	9,123	6,228	10,840	5,662
	2006	4,542	246,765	14,700	2,012	11,302	7,993	3,863	8,099	6,639	11,583	5,739
	2007	4,115	259,195	15,429	2,182	12,204	8,325	4,205	9,691	6,945	11,612	6,384
	2008	4,348	268,098	16,804	2,182	12,222	8,499	3,783	9,498	6,560	11,519	7,120
	# Change 04-08	1,056	55,555	2,656	681	2,557	2,472	554	955	866	2,391	1,792
	% Change 04-08	32.1%	26.1%	18.8%	45.4%	26.5%	41.0%	17.2%	11.2%	15.2%	26.2%	33.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 410: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	28.2%	25.1%	14.1%	17.8%	25.6%	26.9%	17.1%	17.4%	24.3%	28.4%	31.9%
	2005	30.4%	26.4%	14.3%	20.4%	26.8%	32.1%	17.6%	18.1%	25.5%	30.7%	32.2%
	2006	31.2%	26.9%	14.4%	19.8%	27.7%	33.4%	18.9%	18.2%	27.0%	31.5%	31.4%
	2007	30.7%	27.4%	14.7%	20.9%	28.8%	32.7%	19.9%	19.3%	27.4%	31.4%	33.5%
	2008	31.9%	27.7%	15.3%	20.1%	28.8%	34.0%	17.3%	19.4%	25.3%	32.1%	36.8%
Private Institutions	2004	22.0%	31.1%	33.5%	25.7%	13.8%	30.5%	30.4%	23.6%	25.0%	25.3%	43.9%
	2005	36.0%	34.4%	34.3%	31.0%	10.8%	31.9%	35.8%	26.7%	23.4%	29.4%	48.8%
	2006	36.0%	35.0%	34.0%	34.6%	13.8%	32.9%	38.2%	21.1%	22.0%	31.4%	50.2%
	2007	31.1%	36.7%	35.6%	34.7%	18.3%	38.6%	42.6%	28.8%	25.0%	32.5%	53.5%
	2008	32.4%	37.1%	38.0%	33.4%	17.2%	35.8%	40.5%	28.0%	30.6%	31.6%	53.6%
All Institutions	2004	25.9%	26.7%	19.7%	22.3%	23.4%	27.6%	22.3%	19.6%	24.4%	26.7%	35.2%
	2005	32.6%	28.5%	20.4%	26.5%	23.1%	32.1%	24.6%	21.0%	25.2%	30.0%	36.8%
	2006	33.0%	29.1%	20.3%	28.3%	24.4%	33.3%	26.2%	19.1%	26.3%	31.4%	36.5%
	2007	30.8%	29.9%	20.8%	28.8%	26.4%	33.8%	27.7%	22.5%	27.1%	32.0%	39.3%
	2008	32.1%	30.3%	22.3%	27.8%	26.1%	34.4%	24.6%	22.3%	25.9%	31.8%	41.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 411: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - White Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	577	35,152	1,099	300	1,084	611	390	1,132	1,310	1,650	1,177
	2005	598	38,131	1,129	319	1,071	663	475	1,242	1,282	1,876	1,181
	2006	636	41,807	1,269	386	1,117	705	463	1,375	1,492	2,025	1,265
	2007	714	44,957	1,369	398	1,272	873	558	1,424	1,515	2,178	1,247
	2008	868	47,770	1,472	464	1,388	957	634	1,395	1,783	2,316	1,281
	# Change 04-08	291	12,618	373	164	304	346	244	263	473	666	104
	% Change 04-08	50.4%	35.9%	33.9%	54.7%	28.0%	56.6%	62.6%	23.2%	36.1%	40.4%	8.8%
Private Institutions	2004	838	18,106	562	483	1,056	480	134	1,928	381	2,200	276
	2005	960	20,280	546	436	1,351	542	127	2,004	339	2,489	314
	2006	1,138	23,959	662	508	1,725	586	168	1,981	368	2,868	362
	2007	1,145	26,878	775	540	1,956	637	150	2,358	351	3,036	461
	2008	1,309	29,788	966	610	2,071	642	185	2,518	371	3,241	458
	# Change 04-08	471	11,682	404	127	1,015	162	51	590	-10	1,041	182
	% Change 04-08	56.2%	64.5%	71.9%	26.3%	96.1%	33.8%	38.1%	30.6%	-2.6%	47.3%	65.9%
All Institutions	2004	1,415	53,258	1,661	783	2,140	1,091	524	3,060	1,691	3,850	1,453
	2005	1,558	58,411	1,675	755	2,422	1,205	602	3,246	1,621	4,365	1,495
	2006	1,774	65,766	1,931	894	2,842	1,291	631	3,356	1,860	4,893	1,627
	2007	1,859	71,835	2,144	938	3,228	1,510	708	3,782	1,866	5,214	1,708
	2008	2,177	77,558	2,438	1,074	3,459	1,599	819	3,913	2,154	5,557	1,739
	# Change 04-08	762	24,300	777	291	1,319	508	295	853	463	1,707	286
	% Change 04-08	53.9%	45.6%	46.8%	37.2%	61.6%	46.6%	56.3%	27.9%	27.4%	44.3%	19.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 412: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.5%	5.3%	2.6%	4.5%	4.6%	4.3%	2.8%	4.1%	6.1%	5.1%	5.6%
	2005	5.4%	5.6%	2.6%	4.7%	4.6%	4.6%	3.3%	4.4%	5.9%	5.5%	5.6%
	2006	5.7%	6.1%	2.8%	5.2%	4.7%	4.7%	3.2%	4.8%	6.9%	5.9%	5.9%
	2007	6.2%	6.4%	3.0%	5.4%	5.2%	5.5%	3.8%	4.8%	6.9%	6.3%	5.7%
	2008	7.3%	6.7%	3.1%	5.9%	5.6%	5.8%	4.3%	4.7%	7.7%	6.7%	5.8%
Private Institutions	2004	3.7%	5.0%	2.9%	7.2%	5.3%	4.8%	2.4%	4.5%	3.9%	6.8%	4.2%
	2005	4.3%	5.5%	2.7%	7.0%	5.9%	5.3%	2.2%	4.7%	3.6%	7.5%	4.5%
	2006	4.9%	6.3%	3.3%	7.9%	7.0%	5.7%	2.9%	4.7%	3.9%	8.5%	4.9%
	2007	4.9%	6.8%	3.8%	8.1%	7.6%	6.0%	2.5%	5.4%	3.7%	8.9%	6.1%
	2008	5.5%	7.4%	4.6%	9.2%	8.2%	5.9%	3.0%	5.6%	3.9%	9.4%	5.8%
All Institutions	2004	4.3%	5.2%	2.6%	5.9%	4.9%	4.5%	2.7%	4.4%	5.4%	5.9%	5.3%
	2005	4.7%	5.6%	2.6%	5.8%	5.2%	4.9%	3.0%	4.6%	5.2%	6.5%	5.4%
	2006	5.2%	6.2%	3.0%	6.5%	5.9%	5.1%	3.1%	4.7%	6.0%	7.2%	5.6%
	2007	5.4%	6.6%	3.2%	6.7%	6.4%	5.7%	3.4%	5.1%	5.9%	7.6%	5.8%
	2008	6.1%	7.0%	3.6%	7.4%	6.9%	5.8%	3.9%	5.3%	6.6%	8.1%	5.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 413: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - White Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	204	17,555	998	152	603	332	352	811	786	838	488
	2005	234	18,251	953	191	565	487	330	731	774	776	483
	2006	313	19,308	1,051	224	565	590	359	767	813	864	479
	2007	338	19,907	1,057	194	734	533	372	809	862	908	511
	2008	363	20,770	1,144	196	704	652	416	857	926	846	553
	# Change 04-08	159	3,215	146	44	101	320	64	46	140	8	65
	% Change 04-08	77.9%	18.3%	14.6%	28.9%	16.7%	96.4%	18.2%	5.7%	17.8%	1.0%	13.3%
Private Institutions	2004	1,129	14,296	1,096	534	796	386	140	1,947	285	1,583	127
	2005	1,162	14,609	952	512	878	356	178	1,986	226	1,507	143
	2006	1,033	16,204	1,058	496	1,010	435	177	1,998	271	1,654	135
	2007	1,195	18,118	1,292	477	1,022	692	145	2,296	364	1,961	166
	2008	1,227	19,469	1,408	490	1,169	1,062	159	2,332	331	2,070	107
	# Change 04-08	98	5,173	312	-44	373	676	19	385	46	487	-20
	% Change 04-08	8.7%	36.2%	28.5%	-8.2%	46.9%	175.1%	13.6%	19.8%	16.1%	30.8%	-15.7%
All Institutions	2004	1,333	31,851	2,094	686	1,399	718	492	2,758	1,071	2,421	615
	2005	1,396	32,860	1,905	703	1,443	843	508	2,717	1,000	2,283	626
	2006	1,346	35,512	2,109	720	1,575	1,025	536	2,765	1,084	2,518	614
	2007	1,533	38,025	2,349	671	1,756	1,225	517	3,105	1,226	2,869	677
	2008	1,590	40,239	2,552	686	1,873	1,714	575	3,189	1,257	2,916	660
	# Change 04-08	257	8,388	458	0	474	996	83	431	186	495	45
	% Change 04-08	19.3%	26.3%	21.9%	0.0%	33.9%	138.7%	16.9%	15.6%	17.4%	20.4%	7.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 414: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.9%	9.3%	9.1%	6.6%	8.2%	12.2%	9.3%	6.5%	13.3%	11.4%	7.2%
	2005	6.3%	9.4%	8.2%	7.3%	7.7%	15.1%	8.3%	6.2%	12.6%	10.8%	6.6%
	2006	8.6%	9.8%	8.9%	8.8%	7.6%	16.9%	9.1%	6.3%	12.8%	11.5%	6.2%
	2007	8.5%	10.1%	9.6%	7.8%	10.1%	14.5%	9.2%	6.8%	13.2%	11.7%	6.6%
	2008	8.6%	10.3%	9.1%	6.8%	9.3%	16.6%	10.5%	7.4%	13.8%	10.8%	6.9%
Private Institutions	2004	9.9%	8.7%	6.3%	14.8%	5.7%	6.9%	4.5%	8.4%	12.9%	14.6%	7.0%
	2005	9.9%	8.5%	5.9%	13.3%	5.6%	5.3%	5.4%	9.1%	10.5%	13.2%	7.1%
	2006	8.8%	8.9%	6.3%	13.0%	6.3%	5.3%	5.2%	8.3%	11.8%	13.5%	6.5%
	2007	10.4%	9.7%	8.0%	12.7%	6.5%	7.6%	4.0%	9.6%	15.4%	15.2%	7.4%
	2008	10.1%	10.3%	8.8%	13.4%	7.1%	10.6%	4.5%	9.9%	13.6%	15.4%	4.3%
All Institutions	2004	9.0%	9.0%	7.4%	11.6%	6.6%	8.6%	7.1%	7.7%	13.2%	13.3%	7.2%
	2005	9.1%	9.0%	6.9%	10.9%	6.3%	8.5%	7.0%	8.1%	12.1%	12.3%	6.7%
	2006	8.8%	9.3%	7.4%	11.3%	6.7%	8.7%	7.3%	7.6%	12.5%	12.7%	6.3%
	2007	9.9%	9.9%	8.6%	10.8%	7.6%	9.6%	6.8%	8.6%	13.8%	13.9%	6.7%
	2008	9.7%	10.3%	9.0%	10.5%	7.8%	12.3%	7.7%	9.1%	13.8%	13.7%	6.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 415: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - White Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	141	15,186	508	142	500	447	389	615	433	732	484
	2005	124	16,292	518	130	468	484	373	652	445	726	529
	2006	111	16,724	507	152	487	464	340	631	462	779	632
	2007	122	17,925	525	135	491	506	371	626	466	804	620
	2008	121	18,570	523	167	491	488	384	655	476	897	538
	# Change 04-08	-20	3,384	15	25	-9	41	-5	40	43	165	54
	% Change 04-08	-14.2%	22.3%	3.0%	17.6%	-1.8%	9.2%	-1.3%	6.5%	9.9%	22.5%	11.2%
Private Institutions	2004	831	11,839	1,032	101	847	185	7	1,459	231	1,396	231
	2005	894	12,777	1,028	103	901	175	19	1,627	249	1,574	367
	2006	895	13,267	987	109	925	240	20	1,555	207	1,688	266
	2007	1,101	14,442	1,011	72	947	289	22	1,680	330	1,888	248
	2008	1,008	15,412	1,142	131	1,146	278	14	1,897	322	2,041	300
	# Change 04-08	177	3,573	110	30	299	93	7	438	91	645	69
	% Change 04-08	21.3%	30.2%	10.7%	29.7%	35.3%	50.3%	100.0%	30.0%	39.4%	46.2%	29.9%
All Institutions	2004	972	27,025	1,540	243	1,347	632	396	2,074	664	2,128	715
	2005	1,018	29,069	1,546	233	1,369	659	392	2,279	694	2,300	896
	2006	1,006	29,991	1,494	261	1,412	704	360	2,186	669	2,467	898
	2007	1,223	32,367	1,536	207	1,438	795	393	2,306	796	2,692	868
	2008	1,129	33,982	1,665	298	1,637	766	398	2,552	798	2,938	838
	# Change 04-08	157	6,957	125	55	290	134	2	478	134	810	123
	% Change 04-08	16.2%	25.7%	8.1%	22.6%	21.5%	21.2%	0.5%	23.0%	20.2%	38.1%	17.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 416: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 21)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	45.6%	37.1%	19.9%	33.9%	39.0%	49.4%	41.3%	43.2%	35.3%	37.2%	29.1%
	2005	40.9%	38.3%	21.4%	31.2%	35.6%	47.7%	41.2%	44.3%	36.0%	36.3%	31.2%
	2006	39.6%	39.0%	20.1%	33.6%	37.3%	45.1%	41.5%	43.0%	37.3%	38.8%	35.3%
	2007	37.9%	40.7%	20.3%	33.0%	35.5%	46.6%	42.3%	43.2%	36.8%	40.2%	35.1%
	2008	40.3%	40.9%	18.7%	41.8%	36.5%	48.2%	42.9%	44.2%	34.9%	43.6%	30.5%
Private Institutions	2004	23.8%	27.5%	21.4%	16.4%	28.1%	16.8%	1.1%	27.2%	23.0%	49.0%	26.8%
	2005	25.2%	27.7%	19.4%	16.0%	28.4%	14.4%	2.6%	27.7%	23.7%	53.0%	33.8%
	2006	24.1%	28.5%	20.2%	17.6%	29.2%	17.7%	3.0%	27.5%	21.2%	51.9%	25.8%
	2007	28.0%	30.0%	20.4%	12.4%	28.5%	18.1%	3.2%	30.6%	31.3%	54.8%	23.7%
	2008	28.1%	32.4%	23.0%	21.8%	34.0%	17.5%	2.2%	32.9%	30.9%	59.0%	26.1%
All Institutions	2004	25.6%	32.2%	20.9%	23.5%	31.4%	31.5%	25.3%	30.6%	29.7%	44.2%	28.3%
	2005	26.5%	32.8%	20.0%	22.0%	30.5%	29.5%	23.8%	31.1%	30.4%	46.3%	32.2%
	2006	25.2%	33.5%	20.2%	24.3%	31.6%	29.5%	24.2%	30.7%	30.2%	46.9%	31.8%
	2007	28.8%	35.1%	20.4%	21.0%	30.6%	29.6%	25.2%	33.2%	34.3%	49.4%	30.8%
	2008	29.0%	36.5%	21.4%	29.8%	34.7%	29.4%	25.7%	35.2%	33.2%	53.2%	28.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 417: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	27	1,409	124	9	36	77	51	136	12	12	31
	2005	203	1,770	119	9	55	94	107	179	20	21	22
	2006	40	1,813	218	13	52	74	94	183	23	28	9
	2007	30	1,924	175	11	32	94	77	365	20	26	4
	2008	47	2,286	244	20	41	74	119	279	12	22	10
	# Change 04-08	20	877	120	11	5	-3	68	143	0	10	-21
	% Change 04-08	74.1%	62.2%	96.8%	122.2%	13.9%	-3.9%	133.3%	105.1%	0.0%	83.3%	-67.7%
Private Institutions	2004	3	613	152	2	0	0	8	49	0	8	8
	2005	8	836	114	6	17	9	5	101	0	12	7
	2006	4	1,021	121	17	12	6	20	47	1	28	10
	2007	2	1,244	258	6	11	2	26	84	0	27	14
	2008	4	1,251	103	14	40	5	74	115	5	15	10
	# Change 04-08	1	638	-49	12	40	5	66	66	5	7	2
	% Change 04-08	33.3%	104.1%	-32.2%	600.0%	N/A	N/A	825.0%	134.7%	N/A	87.5%	25.0%
All Institutions	2004	30	2,022	276	11	36	77	59	185	12	20	39
	2005	211	2,606	233	15	72	103	112	280	20	33	29
	2006	44	2,834	339	30	64	80	114	230	24	56	19
	2007	32	3,168	433	17	43	96	103	449	20	53	18
	2008	51	3,537	347	34	81	79	193	394	17	37	20
	# Change 04-08	21	1,515	71	23	45	2	134	209	5	17	-19
	% Change 04-08	70.0%	74.9%	25.7%	209.1%	125.0%	2.6%	227.1%	113.0%	41.7%	85.0%	-48.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 418: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.9%	8.7%	2.8%	7.2%	17.8%	34.5%	10.3%	6.5%	7.9%	6.8%	15.0%
	2005	41.1%	11.3%	2.9%	8.0%	26.7%	42.5%	15.3%	10.9%	12.5%	12.7%	13.1%
	2006	18.0%	12.2%	5.7%	11.8%	25.4%	36.8%	17.6%	11.4%	12.9%	17.4%	7.3%
	2007	11.8%	12.9%	5.0%	9.9%	15.7%	44.5%	14.8%	17.5%	13.4%	16.7%	3.9%
	2008	17.2%	14.3%	7.3%	18.7%	18.7%	43.3%	20.3%	14.8%	9.8%	18.8%	18.9%
Private Institutions	2004	2.5%	12.6%	11.8%	2.0%	0.0%	0.0%	9.5%	5.2%	0.0%	5.7%	47.1%
	2005	4.5%	16.8%	9.5%	10.9%	3.6%	23.7%	17.2%	11.0%	0.0%	9.7%	20.6%
	2006	3.1%	19.6%	8.9%	37.8%	3.6%	30.0%	28.2%	5.5%	9.1%	17.4%	37.0%
	2007	1.6%	20.1%	14.1%	15.4%	2.4%	6.1%	32.5%	8.5%	0.0%	22.1%	36.8%
	2008	2.9%	17.9%	7.1%	28.6%	9.1%	8.3%	46.3%	9.1%	45.5%	12.6%	50.0%
All Institutions	2004	6.5%	9.6%	4.8%	4.8%	6.9%	32.2%	10.2%	6.1%	6.9%	6.3%	17.4%
	2005	31.4%	12.6%	4.4%	9.0%	10.6%	39.8%	15.4%	10.9%	11.6%	11.4%	14.4%
	2006	12.6%	14.2%	6.5%	19.4%	11.8%	36.2%	18.9%	9.3%	12.7%	17.4%	12.7%
	2007	8.5%	15.0%	8.2%	11.3%	6.6%	39.3%	17.1%	14.6%	12.2%	19.1%	12.8%
	2008	12.4%	15.4%	7.2%	21.8%	12.3%	34.2%	25.8%	12.5%	12.8%	15.7%	27.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 419: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9	498	29	4	11	7	12	41	10	17	51
	2005	11	598	37	7	22	8	15	53	8	20	26
	2006	17	758	62	8	21	21	20	76	12	28	15
	2007	18	849	67	4	23	22	9	72	7	28	7
	2008	18	994	81	0	27	27	23	104	13	25	27
	# Change 04-08	9	496	52	-4	16	20	11	63	3	8	-24
	% Change 04-08	100.0%	99.6%	179.3%	-100.0%	145.5%	285.7%	91.7%	153.7%	30.0%	47.1%	-47.1%
Private Institutions	2004	29	414	40	1	18	7	6	72	2	43	5
	2005	17	552	50	12	25	6	3	59	7	36	8
	2006	27	869	77	2	26	4	3	63	6	71	8
	2007	22	1,154	81	7	24	6	7	90	12	83	10
	2008	21	853	73	3	21	4	9	79	23	62	32
	# Change 04-08	-8	439	33	2	3	-3	3	7	21	19	27
	% Change 04-08	-27.6%	106.0%	82.5%	200.0%	16.7%	-42.9%	50.0%	9.7%	1,050.0%	44.2%	540.0%
All Institutions	2004	38	912	69	5	29	14	18	113	12	60	56
	2005	28	1,150	87	19	47	14	18	112	15	56	34
	2006	44	1,627	139	10	47	25	23	139	18	99	23
	2007	40	2,003	148	11	47	28	16	162	19	111	17
	2008	39	1,847	154	3	48	31	32	183	36	87	59
	# Change 04-08	1	935	85	-2	19	17	14	70	24	27	3
	% Change 04-08	2.6%	102.5%	123.2%	-40.0%	65.5%	121.4%	77.8%	61.9%	200.0%	45.0%	5.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 420: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	1.8%	0.7%	3.7%	1.9%	0.9%	1.6%	1.8%	1.9%	2.4%	6.2%
	2005	3.0%	2.2%	0.9%	3.3%	2.5%	1.2%	2.4%	2.3%	2.1%	2.5%	3.5%
	2006	4.7%	2.8%	1.4%	4.5%	2.7%	3.0%	2.9%	3.1%	2.5%	3.8%	2.1%
	2007	5.8%	3.3%	1.6%	3.4%	3.5%	3.3%	1.8%	2.7%	2.1%	4.5%	1.4%
	2008	6.6%	3.8%	2.1%	0.0%	4.2%	4.6%	4.3%	3.4%	3.2%	4.2%	4.1%
Private Institutions	2004	1.2%	2.0%	2.1%	0.2%	1.7%	2.3%	1.7%	2.3%	0.7%	2.9%	2.3%
	2005	0.8%	2.6%	2.3%	3.1%	2.4%	1.7%	0.9%	2.1%	2.6%	2.5%	2.8%
	2006	1.3%	3.9%	3.4%	0.5%	2.6%	1.2%	1.1%	2.4%	2.1%	5.0%	2.7%
	2007	1.0%	4.9%	3.5%	1.7%	2.5%	2.2%	2.2%	3.2%	4.2%	5.7%	3.8%
	2008	1.0%	4.0%	3.6%	0.8%	2.5%	1.3%	2.3%	2.9%	7.3%	4.1%	9.8%
All Institutions	2004	1.4%	1.9%	1.2%	0.9%	1.8%	1.3%	1.6%	2.1%	1.5%	2.7%	5.4%
	2005	1.1%	2.4%	1.4%	3.2%	2.4%	1.4%	1.9%	2.2%	2.3%	2.5%	3.3%
	2006	1.8%	3.3%	2.1%	1.6%	2.6%	2.4%	2.4%	2.7%	2.4%	4.6%	2.3%
	2007	1.6%	4.1%	2.2%	2.1%	2.9%	3.0%	2.0%	2.9%	3.1%	5.3%	2.3%
	2008	1.7%	3.9%	2.6%	0.6%	3.2%	3.4%	3.4%	3.2%	4.9%	4.1%	6.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 421: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	28	1,206	110	9	73	51	27	62	24	47	23
	2005	24	1,258	86	11	96	51	29	69	17	55	17
	2006	27	1,237	103	13	67	46	27	74	38	58	22
	2007	29	1,232	100	10	83	57	31	60	29	60	13
	2008	23	1,305	98	10	73	59	27	66	29	78	26
	# Change 04-08	-5	99	-12	1	0	8	0	4	5	31	3
	% Change 04-08	-17.9%	8.2%	-10.9%	11.1%	0.0%	15.7%	0.0%	6.5%	20.8%	66.0%	13.0%
Private Institutions	2004	259	1,420	187	44	25	8	4	251	8	160	9
	2005	266	1,445	257	35	25	13	2	233	3	87	2
	2006	267	1,991	287	51	29	15	4	268	9	134	6
	2007	248	1,828	236	49	31	7	6	250	10	80	6
	2008	344	1,724	246	31	34	21	4	242	9	176	3
	# Change 04-08	85	304	59	-13	9	13	0	-9	1	16	-6
	% Change 04-08	32.8%	21.4%	31.6%	-29.5%	36.0%	162.5%	0.0%	-3.6%	12.5%	10.0%	-66.7%
All Institutions	2004	287	2,626	297	53	98	59	31	313	32	207	32
	2005	290	2,703	343	46	121	64	31	302	20	142	19
	2006	294	3,228	390	64	96	61	31	342	47	192	28
	2007	277	3,060	336	59	114	64	37	310	39	140	19
	2008	367	3,029	344	41	107	80	31	308	38	254	29
	# Change 04-08	80	403	47	-12	9	21	0	-5	6	47	-3
	% Change 04-08	27.9%	15.3%	15.8%	-22.6%	9.2%	35.6%	0.0%	-1.6%	18.8%	22.7%	-9.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 422: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.0%	2.8%	2.6%	3.7%	2.9%	7.0%	2.5%	2.5%	2.7%	4.1%	2.0%
	2005	5.1%	3.1%	2.0%	3.8%	4.4%	7.2%	2.9%	2.9%	2.4%	4.8%	1.5%
	2006	5.6%	3.2%	2.6%	4.7%	3.2%	7.0%	2.8%	3.2%	4.8%	5.8%	1.9%
	2007	5.6%	3.5%	2.8%	4.1%	4.2%	8.2%	3.7%	2.7%	3.7%	6.1%	1.8%
	2008	4.1%	3.4%	2.7%	3.8%	3.0%	7.8%	2.7%	2.7%	3.1%	7.3%	2.2%
Private Institutions	2004	6.1%	4.0%	4.2%	4.3%	0.7%	3.2%	0.5%	3.2%	3.8%	6.4%	5.3%
	2005	7.0%	4.0%	5.7%	3.3%	0.8%	4.9%	0.3%	3.1%	1.6%	4.2%	0.9%
	2006	7.1%	5.3%	6.4%	5.3%	0.9%	5.6%	0.5%	3.5%	4.3%	5.5%	3.1%
	2007	6.7%	5.0%	5.5%	5.3%	1.0%	3.2%	0.7%	3.0%	5.6%	3.2%	3.8%
	2008	8.5%	4.5%	5.2%	2.7%	1.0%	9.1%	0.4%	2.7%	4.3%	7.2%	1.6%
All Institutions	2004	5.8%	3.3%	3.4%	4.2%	1.6%	6.0%	1.7%	3.1%	2.9%	5.7%	2.4%
	2005	6.8%	3.5%	3.9%	3.4%	2.2%	6.6%	1.8%	3.1%	2.3%	4.4%	1.4%
	2006	7.0%	4.3%	4.6%	5.2%	1.8%	6.6%	1.7%	3.4%	4.7%	5.6%	2.1%
	2007	6.6%	4.3%	4.3%	5.0%	2.3%	7.0%	2.2%	2.9%	4.1%	4.1%	2.1%
	2008	8.0%	4.0%	4.1%	2.9%	1.8%	8.1%	1.5%	2.7%	3.3%	7.2%	2.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 423: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	588	33	9	20	29	11	24	19	45	14
	2005	3	691	46	11	27	15	11	34	20	35	23
	2006	3	722	35	8	38	19	9	41	17	39	15
	2007	2	770	43	7	30	33	17	33	19	37	21
	2008	6	803	28	18	32	35	19	48	29	30	16
	# Change 04-08	1	215	-5	9	12	6	8	24	10	-15	2
	% Change 04-08	20.0%	36.6%	-15.2%	100.0%	60.0%	20.7%	72.7%	100.0%	52.6%	-33.3%	14.3%
Private Institutions	2004	166	911	109	17	131	14	0	144	6	61	8
	2005	162	928	93	9	55	10	0	131	13	112	3
	2006	171	905	95	11	48	10	1	159	9	75	8
	2007	137	833	76	13	49	16	1	159	6	78	6
	2008	170	919	114	9	57	9	1	190	5	62	3
	# Change 04-08	4	8	5	-8	-74	-5	1	46	-1	1	-5
	% Change 04-08	2.4%	0.9%	4.6%	-47.1%	-56.5%	-35.7%	N/A	31.9%	-16.7%	1.6%	-62.5%
All Institutions	2004	171	1,499	142	26	151	43	11	168	25	106	22
	2005	165	1,619	139	20	82	25	11	165	33	147	26
	2006	174	1,627	130	19	86	29	10	200	26	114	23
	2007	139	1,603	119	20	79	49	18	192	25	115	27
	2008	176	1,722	142	27	89	44	20	238	34	92	19
	# Change 04-08	5	223	0	1	-62	1	9	70	9	-14	-3
	% Change 04-08	2.9%	14.9%	0.0%	3.8%	-41.1%	2.3%	81.8%	41.7%	36.0%	-13.2%	-13.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 424: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.0%	6.5%	4.3%	10.3%	5.0%	14.7%	4.5%	6.1%	8.5%	9.6%	6.4%
	2005	2.7%	6.7%	4.9%	9.7%	5.5%	6.3%	4.6%	7.2%	8.1%	6.9%	7.7%
	2006	2.3%	6.3%	3.4%	6.1%	6.6%	6.6%	3.3%	8.0%	5.4%	7.5%	4.6%
	2007	1.5%	6.2%	3.6%	4.8%	9.0%	10.4%	6.0%	6.5%	5.8%	6.5%	6.6%
	2008	3.8%	6.3%	2.5%	12.6%	5.3%	12.5%	6.1%	8.3%	9.7%	5.3%	4.2%
Private Institutions	2004	21.3%	16.0%	12.0%	11.3%	25.7%	35.9%	0.0%	13.6%	25.0%	15.0%	17.8%
	2005	19.7%	15.0%	10.1%	6.3%	10.7%	24.4%	0.0%	11.5%	31.7%	21.4%	10.7%
	2006	18.8%	13.8%	9.2%	8.5%	9.4%	28.6%	0.5%	13.0%	36.0%	14.6%	21.6%
	2007	14.6%	12.4%	7.4%	9.6%	9.1%	21.9%	0.5%	12.2%	17.6%	15.5%	17.6%
	2008	17.5%	13.7%	10.8%	6.2%	11.1%	22.5%	0.5%	14.2%	18.5%	13.0%	11.1%
All Institutions	2004	18.9%	10.2%	8.5%	10.9%	16.6%	18.2%	2.6%	11.5%	10.1%	12.1%	8.3%
	2005	17.7%	9.8%	7.5%	7.8%	8.2%	9.0%	2.6%	10.3%	11.5%	14.3%	8.0%
	2006	16.8%	9.0%	6.3%	7.3%	7.9%	9.0%	2.1%	11.5%	7.7%	11.0%	6.3%
	2007	12.9%	8.4%	5.4%	7.1%	9.1%	12.6%	3.8%	10.6%	6.9%	10.8%	7.6%
	2008	15.6%	8.9%	6.5%	9.4%	7.9%	13.8%	4.0%	12.4%	10.4%	8.8%	4.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 425: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3,085	203,898	15,314	733	12,068	6,524	2,426	7,297	7,039	5,006	5,067
	2005	3,357	226,064	16,910	866	13,646	7,399	2,674	7,699	7,706	5,687	5,120
	2006	3,563	233,894	16,984	854	13,857	8,259	2,986	7,987	8,269	5,742	5,033
	2007	3,508	245,736	18,192	931	14,759	8,261	3,316	8,630	8,466	5,815	5,389
	2008	3,640	253,755	19,167	967	14,589	8,037	3,190	8,777	8,051	6,217	6,420
	# Change 04-08	555	49,857	3,853	234	2,521	1,513	764	1,480	1,012	1,211	1,353
	% Change 04-08	18.0%	24.5%	25.2%	31.9%	20.9%	23.2%	31.5%	20.3%	14.4%	24.2%	26.7%
Private Institutions	2004	2,613	170,717	31,225	2,035	3,326	1,629	4,668	10,595	852	7,319	4,747
	2005	4,238	194,168	32,701	2,623	4,715	1,910	6,236	11,521	937	9,150	5,295
	2006	4,063	207,840	34,202	2,686	6,383	2,289	6,365	9,811	1,014	10,649	5,468
	2007	3,847	221,278	34,583	2,811	7,305	2,486	6,773	11,530	1,199	11,119	5,859
	2008	3,853	234,349	39,686	2,857	7,736	2,538	6,472	10,822	1,382	10,998	6,136
	# Change 04-08	1,240	63,632	8,461	822	4,410	909	1,804	227	530	3,679	1,389
	% Change 04-08	47.5%	37.3%	27.1%	40.4%	132.6%	55.8%	38.6%	2.1%	62.2%	50.3%	29.3%
All Institutions	2004	5,698	374,615	46,539	2,768	15,394	8,153	7,094	17,892	7,891	12,325	9,814
	2005	7,595	420,232	49,611	3,489	18,361	9,309	8,910	19,220	8,643	14,837	10,415
	2006	7,626	441,734	51,186	3,540	20,240	10,548	9,351	17,798	9,283	16,391	10,501
	2007	7,355	467,014	52,775	3,742	22,064	10,747	10,089	20,160	9,665	16,934	11,248
	2008	7,493	488,104	58,853	3,824	22,325	10,575	9,662	19,599	9,433	17,215	12,556
	# Change 04-08	1,795	113,489	12,314	1,056	6,931	2,422	2,568	1,707	1,542	4,890	2,742
	% Change 04-08	31.5%	30.3%	26.5%	38.2%	45.0%	29.7%	36.2%	9.5%	19.5%	39.7%	27.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 426: Associate's Degrees and Certificates Below Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	28.4%	23.4%	13.0%	17.4%	25.3%	28.7%	17.5%	17.3%	23.1%	27.4%	32.8%
	2005	30.3%	24.5%	13.5%	19.7%	26.6%	32.7%	18.8%	17.7%	24.2%	29.8%	32.9%
	2006	31.4%	25.1%	14.1%	19.3%	28.0%	35.1%	20.0%	18.2%	26.0%	29.8%	31.9%
	2007	31.5%	25.5%	14.3%	20.0%	28.9%	34.4%	21.0%	19.6%	26.2%	29.4%	33.5%
	2008	31.7%	25.8%	14.8%	20.1%	28.5%	34.5%	19.1%	19.9%	24.1%	30.0%	36.5%
Private Institutions	2004	30.8%	37.1%	45.1%	32.1%	20.0%	26.4%	34.6%	28.6%	22.1%	26.1%	48.2%
	2005	43.1%	39.9%	44.9%	36.7%	20.8%	28.0%	43.2%	31.5%	22.2%	30.5%	50.7%
	2006	43.7%	41.1%	45.4%	36.9%	25.9%	34.5%	44.3%	28.5%	21.0%	32.8%	53.4%
	2007	40.1%	42.5%	45.7%	37.4%	30.7%	38.2%	50.5%	32.0%	24.7%	34.6%	55.1%
	2008	39.0%	42.7%	49.0%	37.2%	31.5%	36.6%	47.5%	31.6%	28.5%	34.1%	54.6%
All Institutions	2004	29.5%	28.1%	24.9%	26.2%	23.9%	28.2%	26.0%	22.6%	23.0%	26.6%	38.8%
	2005	36.3%	29.8%	25.0%	30.2%	24.8%	31.6%	31.1%	24.0%	24.0%	30.2%	40.1%
	2006	37.0%	30.7%	26.1%	30.2%	27.3%	35.0%	31.9%	22.7%	25.3%	31.6%	40.3%
	2007	35.5%	31.5%	26.0%	30.8%	29.4%	35.2%	34.6%	25.1%	26.0%	32.7%	42.1%
	2008	35.1%	31.8%	28.0%	30.7%	29.5%	35.0%	31.8%	25.1%	24.7%	32.5%	43.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 427: Number of Bachelor's Degrees in Health Professions and Clinical Sciences - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	765	48,391	2,682	418	1,571	778	690	2,016	1,762	1,906	1,543
	2005	771	52,404	2,846	434	1,590	843	856	2,274	1,803	2,155	1,584
	2006	807	57,361	3,208	526	1,618	893	906	2,453	2,082	2,324	1,728
	2007	940	62,474	3,595	559	1,919	1,033	1,094	2,614	2,136	2,533	1,735
	2008	1,147	67,241	3,961	609	2,001	1,094	1,243	2,827	2,587	2,674	1,799
	# Change 04-08	382	18,850	1,279	191	430	316	553	811	825	768	256
	% Change 04-08	49.9%	39.0%	47.7%	45.7%	27.4%	40.6%	80.1%	40.2%	46.8%	40.3%	16.6%
Private Institutions	2004	1,150	26,040	1,330	565	1,476	532	268	3,322	450	2,733	388
	2005	1,368	28,781	1,249	547	1,881	600	322	3,485	419	3,060	446
	2006	1,669	34,882	1,467	636	2,618	661	305	3,865	443	3,675	541
	2007	1,756	39,647	1,692	706	2,888	714	351	4,587	452	3,884	736
	2008	1,942	44,648	2,385	781	3,034	759	412	4,760	462	4,217	793
	# Change 04-08	792	18,608	1,055	216	1,558	227	144	1,438	12	1,484	405
	% Change 04-08	68.9%	71.5%	79.3%	38.2%	105.6%	42.7%	53.7%	43.3%	2.7%	54.3%	104.4%
All Institutions	2004	1,915	74,431	4,012	983	3,047	1,310	958	5,338	2,212	4,639	1,931
	2005	2,139	81,185	4,095	981	3,471	1,443	1,178	5,759	2,222	5,215	2,030
	2006	2,476	92,243	4,675	1,162	4,236	1,554	1,211	6,318	2,525	5,999	2,269
	2007	2,696	102,121	5,287	1,265	4,807	1,747	1,445	7,201	2,588	6,417	2,471
	2008	3,089	111,889	6,346	1,390	5,035	1,853	1,655	7,587	3,049	6,891	2,592
	# Change 04-08	1,174	37,458	2,334	407	1,988	543	697	2,249	837	2,252	661
	% Change 04-08	61.3%	50.3%	58.2%	41.4%	65.2%	41.5%	72.8%	42.1%	37.8%	48.5%	34.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 428: Bachelor's Degrees in Health Professions and Clinical Sciences as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.5%	5.3%	2.5%	4.9%	4.9%	4.4%	3.2%	4.7%	6.1%	5.0%	5.6%
	2005	5.4%	5.5%	2.6%	4.9%	5.0%	4.6%	3.8%	4.9%	6.2%	5.4%	5.5%
	2006	5.5%	5.9%	2.8%	5.4%	5.0%	4.7%	3.9%	5.2%	7.1%	5.7%	5.8%
	2007	6.3%	6.3%	3.1%	5.7%	5.7%	5.4%	4.7%	5.4%	7.1%	6.2%	5.6%
	2008	7.4%	6.6%	3.4%	5.9%	5.8%	5.6%	5.2%	5.7%	8.1%	6.5%	5.7%
Private Institutions	2004	3.5%	5.0%	3.6%	6.4%	5.1%	4.7%	3.2%	5.1%	3.4%	6.8%	4.4%
	2005	4.2%	5.4%	3.3%	6.5%	5.6%	5.0%	3.6%	5.3%	3.2%	7.4%	4.7%
	2006	4.9%	6.3%	3.8%	7.1%	7.0%	5.5%	3.5%	5.9%	3.3%	8.6%	5.3%
	2007	5.1%	6.8%	4.3%	7.5%	7.5%	5.7%	3.9%	6.7%	3.3%	9.0%	6.8%
	2008	5.4%	7.5%	5.7%	8.3%	8.0%	5.8%	4.3%	6.8%	3.3%	9.5%	6.9%
All Institutions	2004	4.1%	5.2%	2.8%	5.7%	5.0%	4.5%	3.2%	4.9%	5.2%	5.9%	5.3%
	2005	4.5%	5.5%	2.8%	5.7%	5.3%	4.8%	3.7%	5.1%	5.2%	6.4%	5.3%
	2006	5.1%	6.0%	3.1%	6.3%	6.1%	5.0%	3.8%	5.6%	5.9%	7.2%	5.7%
	2007	5.4%	6.5%	3.4%	6.6%	6.7%	5.5%	4.4%	6.2%	5.9%	7.6%	5.9%
	2008	6.0%	6.9%	4.0%	7.1%	7.0%	5.7%	5.0%	6.4%	6.6%	8.0%	6.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 429: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	262	23,743	2,000	228	778	428	581	1,141	941	1,016	604
	2005	293	25,008	2,006	261	738	610	619	1,076	960	966	591
	2006	373	26,552	2,140	300	766	724	650	1,118	1,029	1,043	621
	2007	400	27,567	2,261	257	1,047	663	693	1,188	1,115	1,113	641
	2008	455	29,098	2,394	268	1,029	828	803	1,287	1,186	1,036	697
	# Change 04-08	193	5,355	394	40	251	400	222	146	245	20	93
	% Change 04-08	73.7%	22.6%	19.7%	17.5%	32.3%	93.5%	38.2%	12.8%	26.0%	2.0%	15.4%
Private Institutions	2004	1,747	21,702	2,182	689	1,210	454	242	3,301	372	2,075	200
	2005	1,853	22,519	2,093	716	1,416	456	310	3,428	285	2,140	195
	2006	1,854	25,611	2,330	678	1,589	575	326	3,546	370	2,270	192
	2007	2,042	28,320	2,549	664	1,545	970	298	4,034	481	2,583	252
	2008	2,082	30,790	3,011	688	1,763	1,455	300	4,012	459	2,859	264
	# Change 04-08	335	9,088	829	-1	553	1,001	58	711	87	784	64
	% Change 04-08	19.2%	41.9%	38.0%	-0.1%	45.7%	220.5%	24.0%	21.5%	23.4%	37.8%	32.0%
All Institutions	2004	2,009	45,445	4,182	917	1,988	882	823	4,442	1,313	3,091	804
	2005	2,146	47,527	4,099	977	2,154	1,066	929	4,504	1,245	3,106	786
	2006	2,227	52,163	4,470	978	2,355	1,299	976	4,664	1,399	3,313	813
	2007	2,442	55,887	4,810	921	2,592	1,633	991	5,222	1,596	3,696	893
	2008	2,537	59,888	5,405	956	2,792	2,283	1,103	5,299	1,645	3,895	961
	# Change 04-08	528	14,443	1,223	39	804	1,401	280	857	332	804	157
	% Change 04-08	26.3%	31.8%	29.2%	4.3%	40.4%	158.8%	34.0%	19.3%	25.3%	26.0%	19.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 430: Certificates Above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.8%	9.3%	9.2%	7.4%	8.2%	11.6%	9.9%	6.7%	12.6%	11.4%	6.9%
	2005	6.0%	9.4%	8.5%	7.7%	7.7%	14.4%	10.0%	6.6%	12.3%	11.0%	6.3%
	2006	7.7%	9.7%	8.6%	8.9%	7.9%	15.9%	10.4%	6.6%	12.7%	11.3%	6.2%
	2007	7.9%	10.0%	9.5%	7.9%	10.6%	14.4%	10.8%	7.1%	13.1%	11.6%	6.2%
	2008	8.4%	10.3%	8.9%	7.1%	10.2%	16.9%	12.6%	7.8%	13.4%	10.6%	6.6%
Private Institutions	2004	8.7%	8.2%	7.0%	14.0%	6.1%	6.0%	4.8%	8.1%	12.1%	13.6%	7.7%
	2005	9.1%	8.2%	7.1%	13.5%	6.1%	5.1%	5.7%	8.7%	9.4%	13.1%	6.9%
	2006	8.9%	8.7%	7.6%	12.9%	6.4%	5.2%	5.8%	8.4%	10.9%	13.4%	6.6%
	2007	9.9%	9.2%	8.2%	12.9%	6.2%	8.0%	5.1%	9.5%	13.3%	14.4%	7.2%
	2008	9.6%	9.6%	9.5%	13.7%	6.8%	10.6%	4.9%	9.8%	12.3%	15.1%	6.3%
All Institutions	2004	8.2%	8.7%	7.9%	11.5%	6.8%	7.9%	7.6%	7.7%	12.5%	12.8%	7.1%
	2005	8.5%	8.8%	7.8%	11.2%	6.5%	8.1%	8.0%	8.1%	11.5%	12.4%	6.4%
	2006	8.7%	9.2%	8.0%	11.3%	6.8%	8.3%	8.2%	7.9%	12.1%	12.7%	6.3%
	2007	9.5%	9.6%	8.8%	10.9%	7.4%	9.7%	8.1%	8.8%	13.1%	13.4%	6.4%
	2008	9.3%	9.9%	9.2%	10.9%	7.8%	12.3%	8.9%	9.2%	13.1%	13.6%	6.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 431: Number of Doctor's and First Professional Degrees in Health Professions and Clinical Sciences - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	166	21,310	1,142	195	790	550	734	974	541	1,085	658
	2005	148	22,778	1,176	182	773	581	743	1,006	573	1,072	695
	2006	137	23,419	1,203	219	792	584	735	1,039	596	1,146	751
	2007	152	24,826	1,246	206	820	633	749	1,012	598	1,154	739
	2008	141	26,063	1,281	220	851	629	820	1,045	620	1,266	783
	# Change 04-08	-25	4,753	139	25	61	79	86	71	79	181	125
	% Change 04-08	-15.1%	22.3%	12.2%	12.8%	7.7%	14.4%	11.7%	7.3%	14.6%	16.7%	19.0%
Private Institutions	2004	1,703	18,979	2,190	179	1,313	212	11	2,776	315	1,993	338
	2005	1,682	20,073	2,239	163	1,402	199	29	2,861	333	2,193	455
	2006	1,803	20,902	2,270	163	1,436	270	32	2,800	261	2,307	361
	2007	2,072	22,879	2,330	162	1,525	330	29	3,030	437	2,582	495
	2008	1,926	24,389	2,528	180	1,776	322	30	3,295	421	2,841	588
	# Change 04-08	223	5,410	338	1	463	110	19	519	106	848	250
	% Change 04-08	13.1%	28.5%	15.4%	0.6%	35.3%	51.9%	172.7%	18.7%	33.7%	42.5%	74.0%
All Institutions	2004	1,869	40,289	3,332	374	2,103	762	745	3,750	856	3,078	996
	2005	1,830	42,851	3,415	345	2,175	780	772	3,867	906	3,265	1,150
	2006	1,940	44,321	3,473	382	2,228	854	767	3,839	857	3,453	1,112
	2007	2,224	47,705	3,576	368	2,345	963	778	4,042	1,035	3,736	1,234
	2008	2,067	50,452	3,809	400	2,627	951	850	4,340	1,041	4,107	1,371
	# Change 04-08	198	10,163	477	26	524	189	105	590	185	1,029	375
	% Change 04-08	10.6%	25.2%	14.3%	7.0%	24.9%	24.8%	14.1%	15.7%	21.6%	33.4%	37.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 432: Doctor's and First Professional Degrees in Health Professions and Clinical Sciences as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 21)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	40.4%	38.7%	25.0%	37.1%	43.8%	49.5%	46.5%	47.3%	34.6%	41.8%	29.6%
	2005	35.6%	39.6%	26.5%	33.1%	41.2%	47.7%	48.6%	48.0%	35.7%	41.4%	31.3%
	2006	38.2%	39.8%	25.9%	34.3%	41.9%	46.8%	49.1%	48.8%	37.0%	42.5%	32.8%
	2007	35.4%	40.5%	25.7%	34.5%	37.6%	46.9%	47.6%	47.5%	36.0%	43.1%	32.2%
	2008	37.2%	41.1%	24.5%	38.5%	43.1%	49.0%	47.6%	47.8%	34.6%	45.3%	32.2%
Private Institutions	2004	31.5%	30.1%	27.2%	20.2%	31.2%	15.8%	1.3%	31.3%	23.8%	51.4%	28.9%
	2005	29.9%	29.6%	25.3%	18.2%	31.5%	13.2%	2.9%	30.5%	24.0%	50.8%	31.3%
	2006	30.4%	30.3%	26.8%	18.1%	31.7%	15.1%	3.5%	30.0%	18.9%	51.5%	25.7%
	2007	32.8%	31.4%	25.9%	17.6%	31.6%	15.4%	3.0%	32.5%	28.1%	55.3%	30.5%
	2008	32.4%	33.3%	28.0%	20.7%	36.3%	14.1%	3.4%	34.2%	27.6%	59.2%	33.9%
All Institutions	2004	32.2%	34.1%	26.4%	26.5%	35.0%	31.0%	30.9%	34.3%	29.6%	47.5%	29.4%
	2005	30.3%	34.2%	25.7%	23.9%	34.4%	28.7%	30.4%	33.7%	30.3%	47.3%	31.3%
	2006	30.9%	34.7%	26.4%	24.8%	34.7%	28.1%	31.8%	33.5%	28.7%	48.1%	30.1%
	2007	32.9%	35.6%	25.9%	24.3%	33.5%	27.5%	30.6%	35.3%	32.2%	50.8%	31.5%
	2008	32.6%	36.9%	26.8%	27.8%	38.3%	26.7%	32.6%	36.7%	31.4%	54.1%	32.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Summary

In 2008, 34.7% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Health Professions and Clinical Sciences. This percentage was higher than the national average (31.6%) and higher than in seven of the nine comparison states (Virginia had the highest percentage at 43.6%). Among female students in Massachusetts, the percentage was 44.8%. This was higher than the national average among female students (43.3%) and higher than in five of the comparison states (Virginia had the highest percentage among female students at 53.3%). Among male students in Massachusetts, the percentage was 13.0%. This was higher than the national average among male students (12.7%) and higher than in seven of the comparison states (Virginia had the highest percentage among male students at 24.4%). Among Asian students in Massachusetts, the percentage was 21.0%. This was lower than the national average among Asian students (29.4%) and lower than in eight of the comparison states (New Jersey had the highest percentage among Asian students at 44.4%). Among Black students in Massachusetts, the percentage was 35.9%. This was lower than the national average among Black students (37.6%) and lower than in five of the comparison states (Virginia had the highest percentage among Black students at 51.6%). Among Hispanic students in Massachusetts, the percentage was 29.4%. This was lower than the national average among Hispanic students (32.7%) and lower than in five of the comparison states (New Jersey had the highest percentage among Hispanic students at 35.2%). Among White students in Massachusetts, the percentage was 32.1%. This was higher than the national average among White students (30.3%) and higher than in seven of the comparison states (Virginia had the highest percentage among White students at 41.6%).

In 2008, female students earned 88.1% of the Associate's Degrees and Certificates below Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 84.7% for degrees earned by female students and higher than the percentage in seven of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 90.4%). Male students earned 11.9% of the Associate's Degrees and Certificates below Bachelor's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 15.3% for degrees earned by male students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by male students at 20.1%). Asian students earned 2.4% of the Associate's Degrees and Certificates below Bachelor's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 4.3% for degrees earned by Asian students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Asian students at 15.9%). Black students earned 10.1% of the Associate's Degrees and Certificates below Bachelor's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 17.5% for degrees earned by Black students and lower than the percentage in eight of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 31.8%). Hispanic students earned 7.7% of the Associate's Degrees and Certificates below Bachelor's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 15.3% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 34.3%). White students earned 57.6% of the Associate's Degrees and Certificates below Bachelor's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 54.5% for degrees earned by White students and higher than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 79.8%).

In 2008, 5.8% of all Bachelor's degrees granted in Massachusetts were in Health Professions and Clinical Sciences. This percentage was lower than the national average (6.8%) and lower than the percentage in six of the nine comparison states (Pennsylvania had the highest percentage at 7.9%). Among female students in Massachusetts, the percentage was 8.7%. This was lower than the national average among female students (10.2%) and lower than in seven of the comparison states



(Pennsylvania had the highest percentage among female students at 11.9%). Among male students in Massachusetts, the percentage was 1.8%. This was lower than the national average among male students (2.4%) and lower than in five of the comparison states (Pennsylvania had the highest percentage among male students at 2.8%). Among Asian students in Massachusetts, the percentage was 5.1%. This was lower than the national average among Asian students (6.2%) and lower than in six of the comparison states (Illinois had the highest percentage among Asian students at 8.2%). Among Black students in Massachusetts, the percentage was 7.5%. This was lower than the national average among Black students (8.3%) and lower than in six of the comparison states (New York had the highest percentage among Black students at 11.9%). Among Hispanic students in Massachusetts, the percentage was 4.5%. This was lower than the national average among Hispanic students (5.6%) and lower than in five of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 7.2%). Among White students in Massachusetts, the percentage was 6.1%. This was lower than the national average among White students (7.0%) but higher than in five of the comparison states (Pennsylvania had the highest percentage among White students at 8.1%).

In 2008, female students earned 87.0% of the Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 85.3% for degrees earned by female students and higher than the percentage in six of the nine comparison states (Minnesota had the highest percentage of degrees earned by female students at 89.1%). Male students earned 13.0% of the Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 14.7% for degrees earned by male students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by male students at 18.6%). Asian students earned 6.3% of the Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 5.9% for degrees earned by Asian students and higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Asian students at 24.3%). Black students earned 7.1% of the Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 10.7% for degrees earned by Black students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 20.8%). Hispanic students earned 3.9% of the Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 6.7% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 15.4%). White students earned 69.6% of the Bachelor's degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 68.2% for degrees earned by White students and higher than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 84.9%).

In 2008, 9.1% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Health Professions and Clinical Sciences. This percentage was lower than the national average (9.3%) but higher than the percentage in five of the nine comparison states (Pennsylvania had the highest percentage at 12.9%). Among female students in Massachusetts, the percentage was 11.5%. This was lower than the national average among female students (12.2%) but higher than in five of the comparison states (North Carolina had the highest percentage among female students at 17.0%). Among male students in Massachusetts, the percentage was 5.5%. This was higher than the national average among male students (4.7%) and higher than in seven of the comparison states (Minnesota had the highest percentage among male students at 7.9%). Among Asian students in Massachusetts, the percentage was 12.7%. This was higher than the national average among Asian students (11.8%) but lower than in six of the comparison states (Minnesota had the highest percentage among Asian students at 17.8%). Among Black students in Massachusetts, the percentage was 6.0%. This was lower than the national average among Black students (9.6%) and lower than in all of the comparison states (New Jersey and Pennsylvania had the highest percentage among Black students at 13.1%). Among Hispanic students in Massachusetts, the percentage was 6.7%. This was lower than the national average among Hispanic students (9.3%) and lower than in



seven of the comparison states (North Carolina had the highest percentage among Hispanic students at 14.8%). Among White students in Massachusetts, the percentage was 9.7%. This was lower than the national average among White students (10.3%) and lower than in five of the comparison states (North Carolina had the highest percentage among White students at 13.8%).

In 2008, female students earned 76.9% of the Certificates above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 80.1% for degrees earned by female students and lower than the percentage in eight of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 83.7%). Male students earned 23.1% of the Certificates above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 19.9% for degrees earned by male students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by male students at 23.9%). Asian students earned 7.1% of the Certificates above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 6.7% for degrees earned by Asian students and higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Asian students at 19.4%). Black students earned 3.8% of the Certificates above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 9.4% for degrees earned by Black students and lower than the percentage in all of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 14.7%). Hispanic students earned 2.2% of the Certificates above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 5.9% for degrees earned by Hispanic students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 10.7%). White students earned 54.8% of the Certificates above Bachelor's Degrees and Master's Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 64.0% for degrees earned by White students and lower than the percentage in seven of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 74.7%).

In 2008, 30.1% of all Doctor's and First Professional Degrees granted in Massachusetts were in Health Professions and Clinical Sciences. This percentage was lower than the national average (33.4%) but higher than the percentage in five of the nine comparison states (Pennsylvania had the highest percentage at 48.6%). Among female students in Massachusetts, the percentage was 36.3%. This was lower than the national average among female students (38.6%) but higher than in five of the comparison states (Pennsylvania had the highest percentage among female students at 56.0%). Among male students in Massachusetts, the percentage was 23.6%. This was lower than the national average among male students (28.2%) and lower than in five of the comparison states (Pennsylvania had the highest percentage among male students at 40.4%). Among Asian students in Massachusetts, the percentage was 56.8%. This was lower than the national average among Asian students (54.4%) but higher than in five of the comparison states (Pennsylvania had the highest percentage among Asian students at 74.4%). Among Black students in Massachusetts, the percentage was 37.6%. This was higher than the national average among Black students (29.8%) and higher than in eight of the comparison states (Pennsylvania had the highest percentage among Black students at 45.8%). Among Hispanic students in Massachusetts, the percentage was 29.4%. This was lower than the national average among Hispanic students (31.5%) and lower than in five of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 48.8%). Among White students in Massachusetts, the percentage was 29.0%. This was lower than the national average among White students (36.5%) and lower than in six of the comparison states (Pennsylvania had the highest percentage among White students at 53.2%).

In 2008, female students earned 61.5% of the Doctor's and First Professional Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 58.2% for degrees earned by female students and higher than the percentage in eight of the



nine comparison states (Minnesota had the highest percentage of degrees earned by female students at 62.2%). Male students earned 38.5% of the Doctor's and First Professional Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 41.8% for degrees earned by male students and lower than the percentage in eight of the comparison states (New York had the highest percentage of degrees earned by male students at 43.3%). Asian students earned 21.8% of the Doctor's and First Professional Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was higher than the national average of 14.9% for degrees earned by Asian students and higher than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Asian students at 33.8%). Black students earned 5.3% of the Doctor's and First Professional Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 5.4% for degrees earned by Black students but higher than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 8.7%). Hispanic students earned 3.3% of the Doctor's and First Professional Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 4.7% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Hispanic students at 6.3%). White students earned 50.3% of the Doctor's and First Professional Degrees in Health Professions and Clinical Sciences granted in Massachusetts. This was lower than the national average of 65.1% for degrees earned by White students and lower than the percentage in seven of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 77.0%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.



Indicator 22: Number of college students who complete degrees in Mathematics and Statistics

Table III - 433: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	883	427	1	0	0	4	14	0	37	0
	2005	1	837	430	2	0	0	3	18	0	25	0
	2006	5	815	422	3	0	1	10	16	0	25	0
	2007	1	866	465	2	0	2	4	23	0	33	0
	2008	3	845	404	1	0	3	4	26	0	24	0
	# Change 04-08	-1	-38	-23	0	0	3	0	12	0	-13	0
	% Change 04-08	-25.0%	-4.3%	-5.4%	0.0%	N/A	N/A	0.0%	85.7%	N/A	-35.1%	N/A
Private Institutions	2004	0	12	0	0	0	0	0	0	0	0	0
	2005	0	19	0	0	1	0	0	0	0	0	0
	2006	0	10	0	0	0	0	0	0	0	1	0
	2007	0	8	0	0	0	0	0	0	0	0	0
	2008	0	42	0	0	0	0	0	33	1	0	0
	# Change 04-08	0	30	0	0	0	0	0	33	1	0	0
	% Change 04-08	N/A	250.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	4	895	427	1	0	0	4	14	0	37	0
	2005	1	856	430	2	1	0	3	18	0	25	0
	2006	5	825	422	3	0	1	10	16	0	26	0
	2007	1	874	465	2	0	2	4	23	0	33	0
	2008	3	887	404	1	0	3	4	59	1	24	0
	# Change 04-08	-1	-8	-23	0	0	3	0	45	1	-13	0
	% Change 04-08	-25.0%	-0.9%	-5.4%	0.0%	N/A	N/A	0.0%	321.4%	N/A	-35.1%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 434: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.3%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 435: Number of Bachelor's Degrees in Mathematics and Statistics - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	163	9,424	1,416	121	303	204	284	612	356	432	307
	2005	198	10,329	1,685	117	326	188	368	702	330	475	331
	2006	212	10,662	1,674	140	416	243	341	687	287	503	395
	2007	218	10,740	1,603	104	407	193	384	686	295	506	364
	2008	165	10,913	1,692	126	437	217	374	715	354	502	360
	# Change 04-08	2	1,489	276	5	134	13	90	103	-2	70	53
	% Change 04-08	1.2%	15.8%	19.5%	4.1%	44.2%	6.4%	31.7%	16.8%	-0.6%	16.2%	17.3%
Private Institutions	2004	584	5,729	269	105	372	196	94	752	171	557	135
	2005	576	5,928	339	101	395	203	106	761	156	608	111
	2006	602	6,135	355	106	413	217	111	858	152	588	100
	2007	690	6,345	331	129	438	200	106	801	168	624	113
	2008	657	6,328	328	138	448	203	112	951	174	684	126
	# Change 04-08	73	599	59	33	76	7	18	199	3	127	-9
	% Change 04-08	12.5%	10.5%	21.9%	31.4%	20.4%	3.6%	19.1%	26.5%	1.8%	22.8%	-6.7%
All Institutions	2004	747	15,153	1,685	226	675	400	378	1,364	527	989	442
	2005	774	16,257	2,024	218	721	391	474	1,463	486	1,083	442
	2006	814	16,797	2,029	246	829	460	452	1,545	439	1,091	495
	2007	908	17,085	1,934	233	845	393	490	1,487	463	1,130	477
	2008	822	17,241	2,020	264	885	420	486	1,666	528	1,186	486
	# Change 04-08	75	2,088	335	38	210	20	108	302	1	197	44
	% Change 04-08	10.0%	13.8%	19.9%	16.8%	31.1%	5.0%	28.6%	22.1%	0.2%	19.9%	10.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 436: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.0%	1.3%	1.4%	0.9%	1.1%	1.3%	1.4%	1.2%	1.1%	1.1%
	2005	1.3%	1.1%	1.5%	1.3%	1.0%	1.0%	1.6%	1.5%	1.1%	1.2%	1.1%
	2006	1.4%	1.1%	1.4%	1.4%	1.3%	1.2%	1.4%	1.4%	1.0%	1.2%	1.3%
	2007	1.4%	1.0%	1.4%	1.1%	1.2%	1.0%	1.6%	1.3%	1.0%	1.2%	1.2%
	2008	1.1%	1.0%	1.4%	1.2%	1.3%	1.1%	1.5%	1.4%	1.1%	1.2%	1.1%
Private Institutions	2004	1.7%	1.1%	0.7%	1.1%	1.2%	1.7%	1.1%	1.1%	1.2%	1.3%	1.5%
	2005	1.6%	1.1%	0.8%	1.1%	1.1%	1.7%	1.1%	1.1%	1.2%	1.4%	1.1%
	2006	1.7%	1.1%	0.9%	1.1%	1.1%	1.8%	1.2%	1.3%	1.1%	1.3%	0.9%
	2007	1.9%	1.1%	0.8%	1.3%	1.1%	1.6%	1.1%	1.1%	1.2%	1.4%	1.0%
	2008	1.7%	1.0%	0.7%	1.4%	1.2%	1.5%	1.1%	1.3%	1.2%	1.5%	1.1%
All Institutions	2004	1.5%	1.0%	1.1%	1.3%	1.1%	1.3%	1.2%	1.2%	1.2%	1.2%	1.2%
	2005	1.6%	1.1%	1.3%	1.2%	1.1%	1.3%	1.5%	1.2%	1.1%	1.3%	1.1%
	2006	1.6%	1.1%	1.3%	1.3%	1.2%	1.4%	1.4%	1.3%	1.0%	1.3%	1.2%
	2007	1.7%	1.1%	1.2%	1.2%	1.1%	1.2%	1.5%	1.2%	1.0%	1.3%	1.1%
	2008	1.5%	1.0%	1.2%	1.3%	1.2%	1.3%	1.4%	1.3%	1.1%	1.3%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 437: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics – All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	34	3,317	366	69	186	39	99	174	106	76	89
	2005	42	3,555	424	79	188	55	91	143	103	89	80
	2006	33	3,799	505	79	215	75	89	154	103	110	107
	2007	42	3,794	471	74	211	64	111	187	120	102	78
	2008	44	3,805	530	77	196	54	100	188	107	133	123
	# Change 04-08	10	488	164	8	10	15	1	14	1	57	34
	% Change 04-08	29.4%	14.7%	44.8%	11.6%	5.4%	38.5%	1.0%	8.0%	0.9%	75.0%	38.2%
Private Institutions	2004	107	1,015	108	22	120	0	15	343	12	71	2
	2005	116	1,075	134	32	127	0	18	323	16	91	1
	2006	100	1,130	115	33	134	0	24	391	10	74	2
	2007	134	1,268	127	33	139	0	43	409	22	69	2
	2008	98	1,384	127	53	150	0	43	525	20	69	3
	# Change 04-08	-9	369	19	31	30	0	28	182	8	-2	1
	% Change 04-08	-8.4%	36.4%	17.6%	140.9%	25.0%	N/A	186.7%	53.1%	66.7%	-2.8%	50.0%
All Institutions	2004	141	4,332	474	91	306	39	114	517	118	147	91
	2005	158	4,630	558	111	315	55	109	466	119	180	81
	2006	133	4,929	620	112	349	75	113	545	113	184	109
	2007	176	5,062	598	107	350	64	154	596	142	171	80
	2008	142	5,189	657	130	346	54	143	713	127	202	126
	# Change 04-08	1	857	183	39	40	15	29	196	9	55	35
	% Change 04-08	0.7%	19.8%	38.6%	42.9%	13.1%	38.5%	25.4%	37.9%	7.6%	37.4%	38.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 438: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.1%	1.4%	2.1%	1.5%	0.9%	1.4%	0.9%	1.3%	0.8%	0.9%
	2005	0.8%	1.2%	1.5%	2.1%	1.6%	1.1%	1.3%	0.8%	1.2%	0.9%	0.8%
	2006	0.6%	1.2%	1.8%	2.2%	1.8%	1.4%	1.2%	0.8%	1.2%	1.1%	1.0%
	2007	0.8%	1.2%	1.7%	2.1%	1.8%	1.2%	1.5%	1.0%	1.3%	1.0%	0.7%
	2008	0.7%	1.2%	1.7%	1.9%	1.6%	1.0%	1.4%	1.0%	1.1%	1.2%	1.0%
Private Institutions	2004	0.4%	0.3%	0.3%	0.4%	0.5%	0.0%	0.3%	0.7%	0.4%	0.4%	0.4%
	2005	0.5%	0.3%	0.4%	0.5%	0.5%	0.0%	0.3%	0.7%	0.5%	0.5%	0.5%
	2006	0.4%	0.3%	0.3%	0.5%	0.5%	0.0%	0.4%	0.8%	0.3%	0.4%	0.4%
	2007	0.6%	0.4%	0.4%	0.5%	0.5%	0.0%	0.6%	0.8%	0.6%	0.3%	0.6%
	2008	0.4%	0.4%	0.3%	0.9%	0.5%	0.0%	0.6%	1.0%	0.5%	0.3%	0.4%
All Institutions	2004	0.5%	0.7%	0.8%	1.0%	0.9%	0.3%	0.9%	0.8%	1.0%	0.5%	0.7%
	2005	0.5%	0.7%	0.9%	1.1%	0.8%	0.4%	0.8%	0.7%	1.0%	0.6%	0.6%
	2006	0.4%	0.8%	1.0%	1.1%	0.9%	0.5%	0.8%	0.8%	0.9%	0.6%	0.8%
	2007	0.6%	0.8%	1.0%	1.1%	0.9%	0.4%	1.1%	0.9%	1.1%	0.6%	0.5%
	2008	0.4%	0.8%	1.0%	1.3%	0.8%	0.3%	1.0%	1.0%	0.9%	0.6%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 439: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	690	92	7	30	10	19	39	37	25	23
	2005	6	849	106	7	34	19	27	43	38	39	22
	2006	2	900	119	5	40	21	17	50	42	25	22
	2007	3	975	132	14	51	30	15	40	45	32	24
	2008	8	1,000	128	8	43	22	22	54	56	41	22
	# Change 04-08	5	310	36	1	13	12	3	15	19	16	-1
	% Change 04-08	166.7%	44.9%	39.1%	14.3%	43.3%	120.0%	15.8%	38.5%	51.4%	64.0%	-4.3%
Private Institutions	2004	63	371	44	14	41	0	16	68	7	33	0
	2005	58	328	43	12	27	0	11	58	13	28	0
	2006	59	396	50	9	37	0	16	78	10	39	0
	2007	44	378	61	14	39	0	20	70	9	20	0
	2008	52	362	49	8	36	0	10	75	12	20	0
	# Change 04-08	-11	-9	5	-6	-5	0	-6	7	5	-13	0
	% Change 04-08	-17.5%	-2.4%	11.4%	-42.9%	-12.2%	N/A	-37.5%	10.3%	71.4%	-39.4%	N/A
All Institutions	2004	66	1,061	136	21	71	10	35	107	44	58	23
	2005	64	1,177	149	19	61	19	38	101	51	67	22
	2006	61	1,296	169	14	77	21	33	128	52	64	22
	2007	47	1,353	193	28	90	30	35	110	54	52	24
	2008	60	1,362	177	16	79	22	32	129	68	61	22
	# Change 04-08	-6	301	41	-5	8	12	-3	22	24	3	-1
	% Change 04-08	-9.1%	28.4%	30.1%	-23.8%	11.3%	120.0%	-8.6%	20.6%	54.5%	5.2%	-4.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 440: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	1.1%	1.7%	1.1%	1.4%	0.8%	1.0%	1.6%	2.1%	0.8%	0.9%
	2005	1.1%	1.3%	2.0%	1.1%	1.4%	1.3%	1.5%	1.7%	2.0%	1.3%	0.9%
	2006	0.4%	1.3%	2.1%	0.6%	1.6%	1.4%	1.0%	1.9%	2.2%	0.8%	0.8%
	2007	0.5%	1.3%	2.2%	1.9%	2.0%	1.8%	0.8%	1.5%	2.3%	1.0%	0.9%
	2008	1.5%	1.3%	2.0%	1.1%	1.7%	1.4%	1.1%	2.0%	2.7%	1.2%	0.8%
Private Institutions	2004	1.0%	0.5%	0.5%	1.4%	0.9%	0.0%	1.6%	0.7%	0.5%	0.8%	0.0%
	2005	0.9%	0.4%	0.4%	1.2%	0.5%	0.0%	0.9%	0.6%	0.9%	0.6%	0.0%
	2006	0.9%	0.5%	0.5%	0.9%	0.7%	0.0%	1.4%	0.7%	0.7%	0.8%	0.0%
	2007	0.6%	0.5%	0.6%	1.3%	0.7%	0.0%	1.7%	0.7%	0.6%	0.4%	0.0%
	2008	0.8%	0.5%	0.5%	0.8%	0.7%	0.0%	0.9%	0.7%	0.8%	0.4%	0.0%
All Institutions	2004	1.0%	0.8%	1.0%	1.3%	1.0%	0.4%	1.2%	0.9%	1.4%	0.8%	0.6%
	2005	0.9%	0.8%	1.0%	1.1%	0.8%	0.6%	1.3%	0.8%	1.6%	0.8%	0.6%
	2006	0.8%	0.9%	1.1%	0.8%	1.0%	0.6%	1.1%	1.0%	1.6%	0.8%	0.5%
	2007	0.6%	0.9%	1.2%	1.6%	1.1%	0.8%	1.2%	0.8%	1.5%	0.6%	0.6%
	2008	0.8%	0.9%	1.1%	0.9%	1.0%	0.6%	1.0%	0.9%	1.9%	0.7%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 441: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	323	155	1	0	0	2	2	0	10	0
	2005	1	294	147	1	0	0	1	7	0	12	0
	2006	3	302	141	3	0	0	4	6	0	10	0
	2007	0	296	136	1	0	0	2	6	0	14	0
	2008	0	273	113	0	0	0	0	1	0	12	0
	# Change 04-08	0	-50	-42	-1	0	0	-2	-1	0	2	0
	% Change 04-08	N/A	-15.5%	-27.1%	-100.0%	N/A	N/A	-100.0%	-50.0%	N/A	20.0%	N/A
Private Institutions	2004	0	4	0	0	0	0	0	0	0	0	0
	2005	0	5	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	0	0	0	0
	2007	0	3	0	0	0	0	0	0	0	0	0
	2008	0	9	0	0	0	0	0	9	0	0	0
	# Change 04-08	0	5	0	0	0	0	0	9	0	0	0
	% Change 04-08	N/A	125.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	327	155	1	0	0	2	2	0	10	0
	2005	1	299	147	1	0	0	1	7	0	12	0
	2006	3	304	141	3	0	0	4	6	0	10	0
	2007	0	299	136	1	0	0	2	6	0	14	0
	2008	0	282	113	0	0	0	0	10	0	12	0
	# Change 04-08	0	-45	-42	-1	0	0	-2	8	0	2	0
	% Change 04-08	N/A	-13.8%	-27.1%	-100.0%	N/A	N/A	-100.0%	400.0%	N/A	20.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 442: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 443: Number of Bachelor's Degrees in Mathematics and Statistics - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	76	4,130	613	55	132	70	145	294	148	197	144
	2005	84	4,342	723	66	126	64	185	314	127	219	154
	2006	84	4,582	757	68	188	83	172	313	116	231	179
	2007	101	4,570	685	53	168	54	197	320	126	245	155
	2008	66	4,633	716	61	200	73	212	299	156	220	147
	# Change 04-08	-10	503	103	6	68	3	67	5	8	23	3
	% Change 04-08	-13.2%	12.2%	16.8%	10.9%	51.5%	4.3%	46.2%	1.7%	5.4%	11.7%	2.1%
Private Institutions	2004	254	2,612	109	55	165	66	56	367	91	252	70
	2005	256	2,730	144	53	163	71	60	375	84	308	59
	2006	293	2,762	132	48	172	86	67	393	67	276	54
	2007	311	2,737	123	59	165	72	67	350	86	271	56
	2008	307	2,835	141	64	177	77	71	450	73	324	64
	# Change 04-08	53	223	32	9	12	11	15	83	-18	72	-6
	% Change 04-08	20.9%	8.5%	29.4%	16.4%	7.3%	16.7%	26.8%	22.6%	-19.8%	28.6%	-8.6%
All Institutions	2004	330	6,742	722	110	297	136	201	661	239	449	214
	2005	340	7,072	867	119	289	135	245	689	211	527	213
	2006	377	7,344	889	116	360	169	239	706	183	507	233
	2007	412	7,307	808	112	333	126	264	670	212	516	211
	2008	373	7,468	857	125	377	150	283	749	229	544	211
	# Change 04-08	43	726	135	15	80	14	82	88	-10	95	-3
	% Change 04-08	13.0%	10.8%	18.7%	13.6%	26.9%	10.3%	40.8%	13.3%	-4.2%	21.2%	-1.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 444: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	0.8%	1.0%	1.1%	0.7%	0.7%	1.1%	1.1%	0.9%	0.9%	0.9%
	2005	1.0%	0.8%	1.1%	1.3%	0.7%	0.6%	1.3%	1.1%	0.7%	1.0%	0.9%
	2006	1.0%	0.8%	1.1%	1.2%	1.1%	0.8%	1.2%	1.1%	0.7%	1.0%	1.0%
	2007	1.1%	0.8%	1.0%	0.9%	0.9%	0.5%	1.4%	1.1%	0.7%	1.1%	0.9%
	2008	0.7%	0.8%	1.0%	1.0%	1.1%	0.7%	1.5%	1.0%	0.8%	1.0%	0.8%
Private Institutions	2004	1.3%	0.8%	0.5%	1.0%	0.9%	0.9%	1.1%	0.9%	1.1%	1.0%	1.3%
	2005	1.2%	0.8%	0.6%	1.0%	0.8%	1.0%	1.1%	1.0%	1.0%	1.2%	1.0%
	2006	1.4%	0.8%	0.6%	0.9%	0.8%	1.2%	1.3%	1.0%	0.8%	1.1%	0.8%
	2007	1.4%	0.8%	0.5%	1.0%	0.7%	0.9%	1.3%	0.9%	1.0%	1.0%	0.8%
	2008	1.4%	0.8%	0.6%	1.2%	0.8%	1.0%	1.3%	1.1%	0.8%	1.2%	0.9%
All Institutions	2004	1.2%	0.8%	0.8%	1.1%	0.8%	0.8%	1.1%	1.0%	1.0%	1.0%	1.0%
	2005	1.2%	0.8%	1.0%	1.2%	0.8%	0.7%	1.3%	1.0%	0.8%	1.1%	0.9%
	2006	1.3%	0.8%	1.0%	1.0%	0.9%	0.9%	1.3%	1.0%	0.7%	1.0%	1.0%
	2007	1.4%	0.8%	0.9%	1.0%	0.8%	0.7%	1.4%	0.9%	0.8%	1.1%	0.9%
	2008	1.2%	0.8%	0.9%	1.1%	0.9%	0.8%	1.4%	1.0%	0.8%	1.1%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 445: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	18	1,554	153	47	96	19	60	88	60	37	41
	2005	17	1,616	177	36	91	18	51	58	56	46	34
	2006	16	1,655	187	44	101	31	49	75	62	47	51
	2007	16	1,613	191	35	103	21	42	73	53	51	35
	2008	20	1,647	205	38	82	24	49	86	47	72	73
	# Change 04-08	2	93	52	-9	-14	5	-11	-2	-13	35	32
	% Change 04-08	11.1%	6.0%	34.0%	-19.1%	-14.6%	26.3%	-18.3%	-2.3%	-21.7%	94.6%	78.0%
Private Institutions	2004	39	385	32	7	47	0	6	133	4	31	1
	2005	45	390	39	8	33	0	9	115	5	36	0
	2006	38	417	28	15	51	0	8	149	5	29	0
	2007	52	470	37	9	42	0	19	160	8	23	1
	2008	41	535	39	15	43	0	18	201	9	24	3
	# Change 04-08	2	150	7	8	-4	0	12	68	5	-7	2
	% Change 04-08	5.1%	39.0%	21.9%	114.3%	-8.5%	N/A	200.0%	51.1%	125.0%	-22.6%	200.0%
All Institutions	2004	57	1,939	185	54	143	19	66	221	64	68	42
	2005	62	2,006	216	44	124	18	60	173	61	82	34
	2006	54	2,072	215	59	152	31	57	224	67	76	51
	2007	68	2,083	228	44	145	21	61	233	61	74	36
	2008	61	2,182	244	53	125	24	67	287	56	96	76
	# Change 04-08	4	243	59	-1	-18	5	1	66	-8	28	34
	% Change 04-08	7.0%	12.5%	31.9%	-1.9%	-12.6%	26.3%	1.5%	29.9%	-12.5%	41.2%	81.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 446: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.9%	1.0%	2.1%	1.4%	0.7%	1.4%	0.7%	1.2%	0.6%	0.7%
	2005	0.5%	0.9%	1.1%	1.4%	1.3%	0.6%	1.1%	0.5%	1.1%	0.8%	0.5%
	2006	0.4%	0.9%	1.2%	1.8%	1.5%	1.0%	1.1%	0.6%	1.1%	0.7%	0.8%
	2007	0.4%	0.9%	1.2%	1.5%	1.5%	0.7%	0.9%	0.6%	0.9%	0.8%	0.5%
	2008	0.5%	0.8%	1.2%	1.4%	1.1%	0.7%	1.0%	0.7%	0.8%	1.1%	1.0%
Private Institutions	2004	0.3%	0.2%	0.2%	0.2%	0.4%	0.0%	0.2%	0.4%	0.2%	0.3%	0.1%
	2005	0.3%	0.2%	0.2%	0.2%	0.2%	0.0%	0.3%	0.4%	0.3%	0.3%	0.0%
	2006	0.3%	0.2%	0.1%	0.4%	0.3%	0.0%	0.3%	0.5%	0.3%	0.3%	0.0%
	2007	0.4%	0.2%	0.2%	0.3%	0.3%	0.0%	0.6%	0.5%	0.4%	0.2%	0.0%
	2008	0.3%	0.2%	0.2%	0.4%	0.3%	0.0%	0.5%	0.6%	0.4%	0.2%	0.1%
All Institutions	2004	0.3%	0.5%	0.5%	1.0%	0.7%	0.2%	0.9%	0.5%	1.0%	0.4%	0.6%
	2005	0.3%	0.5%	0.6%	0.7%	0.6%	0.2%	0.8%	0.4%	0.9%	0.5%	0.4%
	2006	0.3%	0.5%	0.6%	1.0%	0.7%	0.3%	0.7%	0.5%	0.9%	0.4%	0.6%
	2007	0.4%	0.5%	0.6%	0.8%	0.6%	0.2%	0.8%	0.5%	0.8%	0.4%	0.4%
	2008	0.3%	0.5%	0.6%	0.9%	0.5%	0.2%	0.8%	0.7%	0.7%	0.5%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 447: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	201	26	3	7	3	6	15	13	7	6
	2005	2	253	27	5	8	6	9	9	14	12	6
	2006	0	270	31	3	13	3	3	15	12	9	11
	2007	1	303	31	3	16	8	3	9	22	12	8
	2008	3	329	36	3	9	5	7	17	26	14	11
	# Change 04-08	2	128	10	0	2	2	1	2	13	7	5
	% Change 04-08	200.0%	63.7%	38.5%	0.0%	28.6%	66.7%	16.7%	13.3%	100.0%	100.0%	83.3%
Private Institutions	2004	17	98	9	1	13	0	3	19	0	9	0
	2005	6	83	7	2	10	0	1	14	3	7	0
	2006	15	112	11	1	12	0	7	20	1	12	0
	2007	7	99	16	4	11	0	3	16	2	8	0
	2008	15	94	10	2	9	0	1	17	4	10	0
	# Change 04-08	-2	-4	1	1	-4	0	-2	-2	4	1	0
	% Change 04-08	-11.8%	-4.1%	11.1%	100.0%	-30.8%	N/A	-66.7%	-10.5%	N/A	11.1%	N/A
All Institutions	2004	18	299	35	4	20	3	9	34	13	16	6
	2005	8	336	34	7	18	6	10	23	17	19	6
	2006	15	382	42	4	25	3	10	35	13	21	11
	2007	8	402	47	7	27	8	6	25	24	20	8
	2008	18	423	46	5	18	5	8	34	30	24	11
	# Change 04-08	0	124	11	1	-2	2	-1	0	17	8	5
	% Change 04-08	0.0%	41.5%	31.4%	25.0%	-10.0%	66.7%	-11.1%	0.0%	130.8%	50.0%	83.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 448: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	0.6%	1.0%	0.9%	0.7%	0.4%	0.7%	1.2%	1.4%	0.5%	0.5%
	2005	0.7%	0.8%	1.0%	1.5%	0.7%	0.9%	1.0%	0.7%	1.4%	0.8%	0.5%
	2006	0.0%	0.8%	1.1%	0.7%	1.1%	0.4%	0.3%	1.1%	1.2%	0.6%	0.9%
	2007	0.3%	0.8%	1.1%	0.8%	1.4%	0.9%	0.3%	0.7%	2.1%	0.7%	0.6%
	2008	1.2%	0.9%	1.2%	0.8%	0.8%	0.6%	0.7%	1.2%	2.3%	0.8%	0.8%
Private Institutions	2004	0.6%	0.3%	0.2%	0.2%	0.6%	0.0%	0.7%	0.4%	0.0%	0.4%	0.0%
	2005	0.2%	0.2%	0.1%	0.4%	0.4%	0.0%	0.2%	0.3%	0.4%	0.3%	0.0%
	2006	0.4%	0.3%	0.2%	0.2%	0.5%	0.0%	1.5%	0.4%	0.2%	0.5%	0.0%
	2007	0.2%	0.3%	0.3%	0.8%	0.4%	0.0%	0.6%	0.3%	0.3%	0.3%	0.0%
	2008	0.4%	0.2%	0.2%	0.4%	0.3%	0.0%	0.2%	0.3%	0.5%	0.3%	0.0%
All Institutions	2004	0.5%	0.5%	0.5%	0.5%	0.6%	0.2%	0.7%	0.5%	0.8%	0.4%	0.3%
	2005	0.2%	0.5%	0.5%	0.8%	0.5%	0.4%	0.7%	0.3%	1.0%	0.5%	0.3%
	2006	0.4%	0.5%	0.6%	0.4%	0.7%	0.2%	0.7%	0.5%	0.8%	0.5%	0.6%
	2007	0.2%	0.5%	0.6%	0.8%	0.7%	0.4%	0.4%	0.4%	1.3%	0.4%	0.4%
	2008	0.5%	0.5%	0.6%	0.6%	0.5%	0.2%	0.5%	0.5%	1.6%	0.5%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 449: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	560	272	0	0	0	2	12	0	27	0
	2005	0	543	283	1	0	0	2	11	0	13	0
	2006	2	513	281	0	0	1	6	10	0	15	0
	2007	1	570	329	1	0	2	2	17	0	19	0
	2008	3	572	291	1	0	3	4	25	0	12	0
	# Change 04-08	-1	12	19	1	0	3	2	13	0	-15	0
	% Change 04-08	-25.0%	2.1%	7.0%	N/A	N/A	N/A	100.0%	108.3%	N/A	-55.6%	N/A
Private Institutions	2004	0	8	0	0	0	0	0	0	0	0	0
	2005	0	14	0	0	1	0	0	0	0	0	0
	2006	0	8	0	0	0	0	0	0	0	1	0
	2007	0	5	0	0	0	0	0	0	0	0	0
	2008	0	33	0	0	0	0	0	24	1	0	0
	# Change 04-08	0	25	0	0	0	0	0	24	1	0	0
	% Change 04-08	N/A	312.5%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	4	568	272	0	0	0	2	12	0	27	0
	2005	0	557	283	1	1	0	2	11	0	13	0
	2006	2	521	281	0	0	1	6	10	0	16	0
	2007	1	575	329	1	0	2	2	17	0	19	0
	2008	3	605	291	1	0	3	4	49	1	12	0
	# Change 04-08	-1	37	19	1	0	3	2	37	1	-15	0
	% Change 04-08	-25.0%	6.5%	7.0%	N/A	N/A	N/A	100.0%	308.3%	N/A	-55.6%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 450: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.2%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	0.0%
	2005	0.0%	0.1%	0.5%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
	2006	0.1%	0.1%	0.6%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%
	2007	0.0%	0.1%	0.6%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.0%
	2008	0.1%	0.1%	0.5%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 451: Number of Bachelor's Degrees in Mathematics and Statistics - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	87	5,294	803	66	171	134	139	318	208	235	163
	2005	114	5,987	962	51	200	124	183	388	203	256	177
	2006	128	6,080	917	72	228	160	169	374	171	272	216
	2007	117	6,170	918	51	239	139	187	366	169	261	209
	2008	99	6,280	976	65	237	144	162	416	198	282	213
	# Change 04-08	12	986	173	-1	66	10	23	98	-10	47	50
	% Change 04-08	13.8%	18.6%	21.5%	-1.5%	38.6%	7.5%	16.5%	30.8%	-4.8%	20.0%	30.7%
Private Institutions	2004	330	3,117	160	50	207	130	38	385	80	305	65
	2005	320	3,198	195	48	232	132	46	386	72	300	52
	2006	309	3,373	223	58	241	131	44	465	85	312	46
	2007	379	3,608	208	70	273	128	39	451	82	353	57
	2008	350	3,493	187	74	271	126	41	501	101	360	62
	# Change 04-08	20	376	27	24	64	-4	3	116	21	55	-3
	% Change 04-08	6.1%	12.1%	16.9%	48.0%	30.9%	-3.1%	7.9%	30.1%	26.3%	18.0%	-4.6%
All Institutions	2004	417	8,411	963	116	378	264	177	703	288	540	228
	2005	434	9,185	1,157	99	432	256	229	774	275	556	229
	2006	437	9,453	1,140	130	469	291	213	839	256	584	262
	2007	496	9,778	1,126	121	512	267	226	817	251	614	266
	2008	449	9,773	1,163	139	508	270	203	917	299	642	275
	# Change 04-08	32	1,362	200	23	130	6	26	214	11	102	47
	% Change 04-08	7.7%	16.2%	20.8%	19.8%	34.4%	2.3%	14.7%	30.4%	3.8%	18.9%	20.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 452: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.5%	1.3%	1.8%	1.8%	1.1%	1.7%	1.5%	1.7%	1.7%	1.4%	1.3%
	2005	1.9%	1.4%	2.1%	1.3%	1.3%	1.5%	1.9%	1.9%	1.6%	1.4%	1.4%
	2006	2.0%	1.4%	1.9%	1.7%	1.5%	1.9%	1.7%	1.8%	1.4%	1.5%	1.7%
	2007	1.8%	1.4%	1.8%	1.2%	1.5%	1.6%	1.8%	1.7%	1.3%	1.4%	1.6%
	2008	1.5%	1.4%	1.9%	1.5%	1.5%	1.6%	1.5%	1.9%	1.5%	1.5%	1.5%
Private Institutions	2004	2.2%	1.4%	0.9%	1.3%	1.7%	2.9%	1.0%	1.3%	1.4%	1.7%	1.8%
	2005	2.2%	1.4%	1.1%	1.3%	1.6%	2.7%	1.2%	1.3%	1.3%	1.7%	1.4%
	2006	2.1%	1.4%	1.3%	1.5%	1.5%	2.6%	1.2%	1.7%	1.6%	1.7%	1.1%
	2007	2.5%	1.4%	1.2%	1.7%	1.7%	2.5%	1.0%	1.5%	1.5%	1.9%	1.4%
	2008	2.2%	1.4%	1.0%	1.8%	1.8%	2.3%	1.0%	1.6%	1.8%	1.9%	1.3%
All Institutions	2004	2.0%	1.3%	1.5%	1.5%	1.4%	2.1%	1.4%	1.5%	1.6%	1.6%	1.5%
	2005	2.1%	1.4%	1.8%	1.3%	1.5%	2.0%	1.7%	1.6%	1.5%	1.5%	1.4%
	2006	2.1%	1.4%	1.7%	1.6%	1.5%	2.2%	1.6%	1.7%	1.5%	1.6%	1.5%
	2007	2.3%	1.4%	1.7%	1.5%	1.6%	1.9%	1.6%	1.6%	1.4%	1.6%	1.5%
	2008	2.0%	1.4%	1.6%	1.6%	1.6%	1.9%	1.4%	1.8%	1.6%	1.7%	1.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 453: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	16	1,763	213	22	90	20	39	86	46	39	48
	2005	25	1,939	247	43	97	37	40	85	47	43	46
	2006	17	2,144	318	35	114	44	40	79	41	63	56
	2007	26	2,181	280	39	108	43	69	114	67	51	43
	2008	24	2,158	325	39	114	30	51	102	60	61	50
	# Change 04-08	8	395	112	17	24	10	12	16	14	22	2
	% Change 04-08	50.0%	22.4%	52.6%	77.3%	26.7%	50.0%	30.8%	18.6%	30.4%	56.4%	4.2%
Private Institutions	2004	68	630	76	15	73	0	9	210	8	40	1
	2005	71	685	95	24	94	0	9	208	11	55	1
	2006	62	713	87	18	83	0	16	242	5	45	2
	2007	82	798	90	24	97	0	24	249	14	46	1
	2008	57	849	88	38	107	0	25	324	11	45	0
	# Change 04-08	-11	219	12	23	34	0	16	114	3	5	-1
	% Change 04-08	-16.2%	34.8%	15.8%	153.3%	46.6%	N/A	177.8%	54.3%	37.5%	12.5%	-100.0%
All Institutions	2004	84	2,393	289	37	163	20	48	296	54	79	49
	2005	96	2,624	342	67	191	37	49	293	58	98	47
	2006	79	2,857	405	53	197	44	56	321	46	108	58
	2007	108	2,979	370	63	205	43	93	363	81	97	44
	2008	81	3,007	413	77	221	30	76	426	71	106	50
	# Change 04-08	-3	614	124	40	58	10	28	130	17	27	1
	% Change 04-08	-3.6%	25.7%	42.9%	108.1%	35.6%	50.0%	58.3%	43.9%	31.5%	34.2%	2.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 454: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	1.5%	2.0%	1.9%	1.8%	1.1%	1.5%	1.3%	1.4%	1.0%	1.2%
	2005	1.4%	1.6%	2.1%	3.6%	2.0%	1.9%	1.5%	1.3%	1.4%	1.1%	1.1%
	2006	1.0%	1.7%	2.5%	3.0%	2.3%	2.0%	1.5%	1.2%	1.2%	1.6%	1.2%
	2007	1.4%	1.8%	2.5%	3.3%	2.2%	2.0%	2.6%	1.7%	1.9%	1.3%	1.0%
	2008	1.2%	1.7%	2.5%	2.8%	2.2%	1.3%	1.9%	1.5%	1.6%	1.4%	1.1%
Private Institutions	2004	0.7%	0.5%	0.5%	0.6%	0.7%	0.0%	0.3%	1.1%	0.5%	0.5%	0.1%
	2005	0.7%	0.5%	0.7%	0.9%	0.8%	0.0%	0.3%	1.1%	0.7%	0.7%	0.1%
	2006	0.6%	0.5%	0.6%	0.7%	0.7%	0.0%	0.5%	1.3%	0.3%	0.5%	0.2%
	2007	0.9%	0.6%	0.6%	0.9%	0.8%	0.0%	0.7%	1.3%	0.8%	0.5%	0.1%
	2008	0.6%	0.6%	0.6%	1.4%	0.9%	0.0%	0.7%	1.8%	0.6%	0.5%	0.0%
All Institutions	2004	0.7%	1.0%	1.1%	1.0%	1.0%	0.5%	0.9%	1.2%	1.1%	0.7%	1.0%
	2005	0.8%	1.0%	1.3%	1.7%	1.2%	0.8%	0.9%	1.2%	1.2%	0.8%	0.9%
	2006	0.7%	1.1%	1.5%	1.4%	1.1%	0.9%	1.0%	1.2%	0.9%	0.9%	1.0%
	2007	1.0%	1.2%	1.4%	1.7%	1.2%	0.8%	1.6%	1.4%	1.5%	0.8%	0.8%
	2008	0.7%	1.1%	1.5%	1.9%	1.3%	0.5%	1.2%	1.7%	1.3%	0.8%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 455: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	489	66	4	23	7	13	24	24	18	17
	2005	4	596	79	2	26	13	18	34	24	27	16
	2006	2	630	88	2	27	18	14	35	30	16	11
	2007	2	672	101	11	35	22	12	31	23	20	16
	2008	5	671	92	5	34	17	15	37	30	27	11
	# Change 04-08	3	182	26	1	11	10	2	13	6	9	-6
	% Change 04-08	150.0%	37.2%	39.4%	25.0%	47.8%	142.9%	15.4%	54.2%	25.0%	50.0%	-35.3%
Private Institutions	2004	46	273	35	13	28	0	13	49	7	24	0
	2005	52	245	36	10	17	0	10	44	10	21	0
	2006	44	284	39	8	25	0	9	58	9	27	0
	2007	37	279	45	10	28	0	17	54	7	12	0
	2008	37	268	39	6	27	0	9	58	8	10	0
	# Change 04-08	-9	-5	4	-7	-1	0	-4	9	1	-14	0
	% Change 04-08	-19.6%	-1.8%	11.4%	-53.8%	-3.6%	N/A	-30.8%	18.4%	14.3%	-58.3%	N/A
All Institutions	2004	48	762	101	17	51	7	26	73	31	42	17
	2005	56	841	115	12	43	13	28	78	34	48	16
	2006	46	914	127	10	52	18	23	93	39	43	11
	2007	39	951	146	21	63	22	29	85	30	32	16
	2008	42	939	131	11	61	17	24	95	38	37	11
	# Change 04-08	-6	177	30	-6	10	10	-2	22	7	-5	-6
	% Change 04-08	-12.5%	23.2%	29.7%	-35.3%	19.6%	142.9%	-7.7%	30.1%	22.6%	-11.9%	-35.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 456: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	1.5%	2.5%	1.4%	2.0%	1.1%	1.4%	2.0%	2.9%	1.2%	1.3%
	2005	1.6%	1.7%	2.8%	0.6%	2.1%	1.7%	2.0%	2.7%	2.8%	1.7%	1.2%
	2006	0.8%	1.8%	3.0%	0.6%	2.1%	2.4%	1.6%	2.7%	3.3%	1.0%	0.8%
	2007	0.7%	1.8%	3.3%	3.1%	2.6%	2.8%	1.3%	2.3%	2.4%	1.3%	1.2%
	2008	1.8%	1.8%	2.8%	1.4%	2.5%	2.4%	1.6%	2.8%	3.1%	1.6%	0.7%
Private Institutions	2004	1.5%	0.8%	0.8%	2.3%	1.2%	0.0%	2.2%	1.0%	0.9%	1.1%	0.0%
	2005	1.6%	0.6%	0.7%	1.8%	0.7%	0.0%	1.4%	0.8%	1.3%	0.9%	0.0%
	2006	1.3%	0.7%	0.8%	1.5%	1.0%	0.0%	1.4%	1.1%	1.2%	1.1%	0.0%
	2007	1.0%	0.7%	0.9%	1.9%	1.0%	0.0%	2.5%	1.0%	0.8%	0.5%	0.0%
	2008	1.1%	0.7%	0.8%	1.2%	1.0%	0.0%	1.5%	1.1%	1.0%	0.4%	0.0%
All Institutions	2004	1.4%	1.1%	1.4%	2.0%	1.4%	0.5%	1.7%	1.2%	1.9%	1.1%	0.9%
	2005	1.6%	1.2%	1.5%	1.4%	1.1%	0.9%	1.8%	1.2%	2.1%	1.2%	0.8%
	2006	1.3%	1.2%	1.6%	1.1%	1.3%	1.1%	1.5%	1.4%	2.3%	1.1%	0.5%
	2007	1.0%	1.2%	1.8%	2.3%	1.6%	1.2%	1.8%	1.3%	1.7%	0.8%	0.7%
	2008	1.1%	1.2%	1.6%	1.3%	1.5%	1.0%	1.5%	1.4%	2.2%	0.9%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 457: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	129	109	0	0	0	0	1	0	3	0
	2005	1	104	88	0	0	0	1	1	0	1	0
	2006	1	107	88	0	0	0	0	5	0	1	0
	2007	1	99	80	0	0	0	0	2	0	1	0
	2008	1	122	95	0	0	0	0	5	0	4	0
	# Change 04-08	-1	-7	-14	0	0	0	0	4	0	1	0
	% Change 04-08	-50.0%	-5.4%	-12.8%	N/A	N/A	N/A	N/A	400.0%	N/A	33.3%	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	10	0	0	0	0	0	10	0	0	0
	# Change 04-08	0	10	0	0	0	0	0	10	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	2	129	109	0	0	0	0	1	0	3	0
	2005	1	104	88	0	0	0	1	1	0	1	0
	2006	1	107	88	0	0	0	0	5	0	1	0
	2007	1	100	80	0	0	0	0	2	0	1	0
	2008	1	132	95	0	0	0	0	15	0	4	0
	# Change 04-08	-1	3	-14	0	0	0	0	14	0	1	0
	% Change 04-08	-50.0%	2.3%	-12.8%	N/A	N/A	N/A	N/A	1,400.0%	N/A	33.3%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 458: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.8%	0.0%
	2005	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%
	2006	0.2%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%	0.0%
	2007	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
	2008	0.2%	0.3%	0.5%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.7%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%
	2005	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
	2006	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2007	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.4%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 459: Number of Bachelor's Degrees in Mathematics and Statistics - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	10	1,016	433	5	25	11	26	110	20	12	20
	2005	15	1,154	510	5	36	8	58	124	9	16	29
	2006	18	1,181	489	5	40	14	43	121	15	24	34
	2007	20	1,139	490	5	37	13	51	95	11	18	28
	2008	11	1,185	509	9	35	10	48	106	25	16	36
	# Change 04-08	1	169	76	4	10	-1	22	-4	5	4	16
	% Change 04-08	10.0%	16.6%	17.6%	80.0%	40.0%	-9.1%	84.6%	-3.6%	25.0%	33.3%	80.0%
Private Institutions	2004	61	373	39	6	27	4	8	75	5	40	4
	2005	60	420	58	5	43	7	6	65	8	47	4
	2006	78	426	47	6	38	7	4	75	11	41	3
	2007	95	456	46	7	40	10	5	62	17	45	3
	2008	96	489	47	5	50	9	7	91	18	45	7
	# Change 04-08	35	116	8	-1	23	5	-1	16	13	5	3
	% Change 04-08	57.4%	31.1%	20.5%	-16.7%	85.2%	125.0%	-12.5%	21.3%	260.0%	12.5%	75.0%
All Institutions	2004	71	1,389	472	11	52	15	34	185	25	52	24
	2005	75	1,574	568	10	79	15	64	189	17	63	33
	2006	96	1,607	536	11	78	21	47	196	26	65	37
	2007	115	1,595	536	12	77	23	56	157	28	63	31
	2008	107	1,674	556	14	85	19	55	197	43	61	43
	# Change 04-08	36	285	84	3	33	4	21	12	18	9	19
	% Change 04-08	50.7%	20.5%	17.8%	27.3%	63.5%	26.7%	61.8%	6.5%	72.0%	17.3%	79.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 460: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.7%	1.6%	1.7%	1.4%	1.0%	1.8%	1.2%	2.8%	2.0%	1.1%	1.4%
	2005	2.2%	1.7%	1.9%	1.4%	1.5%	1.2%	2.4%	2.8%	0.9%	1.3%	1.3%
	2006	2.5%	1.6%	1.7%	1.2%	1.6%	1.8%	1.8%	2.7%	1.5%	1.8%	1.5%
	2007	2.6%	1.5%	1.7%	1.1%	1.5%	1.5%	2.0%	2.1%	1.1%	1.3%	1.2%
	2008	1.5%	1.6%	1.7%	2.0%	1.4%	1.0%	1.9%	2.2%	2.2%	1.2%	1.5%
Private Institutions	2004	2.1%	1.3%	0.8%	1.4%	1.3%	1.1%	1.5%	1.5%	1.2%	1.7%	2.5%
	2005	2.1%	1.5%	1.1%	1.1%	2.0%	1.8%	1.1%	1.3%	2.3%	2.0%	2.1%
	2006	2.5%	1.4%	0.9%	1.3%	1.7%	1.8%	0.7%	1.5%	2.5%	1.7%	1.4%
	2007	3.1%	1.5%	0.8%	1.5%	1.7%	2.3%	0.9%	1.2%	3.5%	1.9%	1.4%
	2008	3.1%	1.5%	0.8%	1.0%	2.1%	1.7%	1.2%	1.7%	3.6%	1.7%	2.8%
All Institutions	2004	2.1%	1.5%	1.5%	1.4%	1.2%	1.6%	1.2%	2.1%	1.7%	1.5%	1.5%
	2005	2.1%	1.6%	1.7%	1.2%	1.7%	1.4%	2.2%	2.0%	1.3%	1.7%	1.4%
	2006	2.5%	1.6%	1.6%	1.2%	1.7%	1.8%	1.6%	2.0%	1.9%	1.7%	1.5%
	2007	3.0%	1.5%	1.6%	1.3%	1.6%	1.8%	1.8%	1.6%	1.8%	1.7%	1.2%
	2008	2.8%	1.5%	1.6%	1.5%	1.7%	1.3%	1.8%	1.9%	2.7%	1.5%	1.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 461: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	213	61	2	6	1	17	26	4	1	4
	2005	4	231	66	5	7	1	17	15	8	1	8
	2006	5	302	100	3	15	2	14	14	7	7	12
	2007	3	350	111	2	30	3	15	26	6	2	8
	2008	1	287	91	5	12	3	18	19	3	9	8
	# Change 04-08	0	74	30	3	6	2	1	-7	-1	8	4
	% Change 04-08	0.0%	34.7%	49.2%	150.0%	100.0%	200.0%	5.9%	-26.9%	-25.0%	800.0%	100.0%
Private Institutions	2004	9	64	6	1	10	0	0	24	2	7	0
	2005	14	90	13	2	9	0	1	26	1	10	0
	2006	11	95	18	1	11	0	4	34	1	2	0
	2007	14	107	13	1	14	0	2	37	3	5	0
	2008	11	115	10	3	14	0	6	47	4	7	0
	# Change 04-08	2	51	4	2	4	0	6	23	2	0	0
	% Change 04-08	22.2%	79.7%	66.7%	200.0%	40.0%	N/A	N/A	95.8%	100.0%	0.0%	N/A
All Institutions	2004	10	277	67	3	16	1	17	50	6	8	4
	2005	18	321	79	7	16	1	18	41	9	11	8
	2006	16	397	118	4	26	2	18	48	8	9	12
	2007	17	457	124	3	44	3	17	63	9	7	8
	2008	12	402	101	8	26	3	24	66	7	16	8
	# Change 04-08	2	125	34	5	10	2	7	16	1	8	4
	% Change 04-08	20.0%	45.1%	50.7%	166.7%	62.5%	200.0%	41.2%	32.0%	16.7%	100.0%	100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 462: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.8%	1.6%	1.8%	3.0%	1.2%	0.7%	3.3%	3.1%	1.4%	0.3%	1.7%
	2005	2.4%	1.6%	1.7%	5.6%	1.3%	0.7%	3.1%	1.7%	2.5%	0.3%	1.6%
	2006	2.9%	2.0%	2.3%	3.0%	2.9%	1.1%	2.7%	1.6%	2.6%	2.1%	2.2%
	2007	1.5%	2.2%	2.6%	2.5%	5.0%	1.5%	2.6%	2.8%	2.1%	0.7%	1.1%
	2008	0.5%	1.7%	2.0%	4.4%	2.1%	1.2%	3.1%	1.9%	1.3%	3.1%	1.4%
Private Institutions	2004	0.7%	0.4%	0.2%	0.3%	0.7%	0.0%	0.0%	0.8%	1.0%	0.8%	0.0%
	2005	1.1%	0.5%	0.3%	0.7%	0.6%	0.0%	0.3%	0.9%	0.5%	1.0%	0.0%
	2006	0.8%	0.6%	0.5%	0.4%	0.7%	0.0%	1.1%	1.1%	0.3%	0.2%	0.0%
	2007	1.0%	0.6%	0.3%	0.3%	0.8%	0.0%	0.6%	1.2%	0.9%	0.5%	0.0%
	2008	0.7%	0.6%	0.2%	1.0%	0.7%	0.0%	1.5%	1.5%	1.1%	0.6%	0.0%
All Institutions	2004	0.7%	0.9%	0.9%	0.8%	0.8%	0.3%	2.0%	1.4%	1.2%	0.7%	1.3%
	2005	1.2%	1.0%	1.0%	1.8%	0.7%	0.3%	2.0%	1.1%	1.7%	0.8%	1.3%
	2006	1.0%	1.2%	1.4%	1.1%	1.2%	0.5%	2.0%	1.2%	1.4%	0.7%	1.9%
	2007	1.0%	1.3%	1.5%	0.8%	1.9%	0.7%	1.9%	1.5%	1.5%	0.5%	0.9%
	2008	0.7%	1.1%	1.2%	2.0%	1.1%	0.6%	2.4%	1.6%	1.2%	1.1%	0.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 463: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	34	12	0	1	0	1	1	3	1	1
	2005	0	41	7	0	3	0	2	1	2	3	0
	2006	0	36	14	0	4	0	0	1	0	0	1
	2007	0	51	16	0	14	0	1	0	3	2	1
	2008	0	32	8	0	0	0	1	3	2	3	0
	# Change 04-08	-1	-2	-4	0	-1	0	0	2	-1	2	-1
	% Change 04-08	-100.0%	-5.9%	-33.3%	N/A	-100.0%	N/A	0.0%	200.0%	-33.3%	200.0%	-100.0%
Private Institutions	2004	0	12	3	1	1	0	1	1	1	0	0
	2005	1	12	2	0	1	0	1	2	2	1	0
	2006	3	26	5	0	4	0	0	5	4	0	0
	2007	2	26	5	0	4	0	2	5	2	1	0
	2008	2	21	1	1	3	0	0	4	4	0	0
	# Change 04-08	2	9	-2	0	2	0	-1	3	3	0	0
	% Change 04-08	N/A	75.0%	-66.7%	0.0%	200.0%	N/A	-100.0%	300.0%	300.0%	N/A	N/A
All Institutions	2004	1	46	15	1	2	0	2	2	4	1	1
	2005	1	53	9	0	4	0	3	3	4	4	0
	2006	3	62	19	0	8	0	0	6	4	0	1
	2007	2	77	21	0	18	0	3	5	5	3	1
	2008	2	53	9	1	3	0	1	7	6	3	0
	# Change 04-08	1	7	-6	0	1	0	-1	5	2	2	-1
	% Change 04-08	100.0%	15.2%	-40.0%	0.0%	50.0%	N/A	-50.0%	250.0%	50.0%	200.0%	-100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 464: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	0.7%	1.3%	0.0%	0.4%	0.0%	0.3%	0.3%	3.1%	0.3%	0.6%
	2005	0.0%	0.7%	0.8%	0.0%	1.1%	0.0%	0.7%	0.3%	2.2%	1.2%	0.0%
	2006	0.0%	0.6%	1.5%	0.0%	1.3%	0.0%	0.0%	0.3%	0.0%	0.0%	0.6%
	2007	0.0%	0.8%	1.6%	0.0%	2.8%	0.0%	0.3%	0.0%	3.0%	0.7%	0.6%
	2008	0.0%	0.5%	0.7%	0.0%	0.0%	0.0%	0.3%	0.8%	2.2%	1.0%	0.0%
Private Institutions	2004	0.0%	0.2%	0.2%	1.6%	0.2%	0.0%	1.8%	0.1%	0.8%	0.0%	0.0%
	2005	0.1%	0.2%	0.1%	0.0%	0.2%	0.0%	1.4%	0.1%	1.4%	0.2%	0.0%
	2006	0.4%	0.4%	0.3%	0.0%	0.6%	0.0%	0.0%	0.4%	3.2%	0.0%	0.0%
	2007	0.2%	0.3%	0.3%	0.0%	0.6%	0.0%	2.6%	0.3%	1.3%	0.2%	0.0%
	2008	0.2%	0.3%	0.1%	1.2%	0.5%	0.0%	0.0%	0.3%	3.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.4%	0.6%	1.1%	0.3%	0.0%	0.6%	0.1%	1.9%	0.1%	0.5%
	2005	0.1%	0.4%	0.3%	0.0%	0.5%	0.0%	0.8%	0.2%	1.7%	0.5%	0.0%
	2006	0.4%	0.5%	0.7%	0.0%	0.9%	0.0%	0.0%	0.4%	1.7%	0.0%	0.4%
	2007	0.2%	0.5%	0.7%	0.0%	1.6%	0.0%	0.7%	0.3%	2.0%	0.4%	0.4%
	2008	0.2%	0.4%	0.3%	0.9%	0.3%	0.0%	0.2%	0.4%	2.6%	0.3%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 465: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics – Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	39	12	0	0	0	2	6	0	6	0
	2005	0	34	12	0	0	0	1	6	0	3	0
	2006	0	35	9	1	0	0	3	5	0	3	0
	2007	0	44	13	1	0	0	1	7	0	4	0
	2008	1	37	9	0	0	0	0	9	0	4	0
	# Change 04-08	0	-2	-3	0	0	0	-2	3	0	-2	0
	% Change 04-08	0.0%	-5.1%	-25.0%	N/A	N/A	N/A	-100.0%	50.0%	N/A	-33.3%	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	2	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	7	0	0	0	0	0	6	1	0	0
	# Change 04-08	0	7	0	0	0	0	0	6	1	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	39	12	0	0	0	2	6	0	6	0
	2005	0	36	12	0	0	0	1	6	0	3	0
	2006	0	35	9	1	0	0	3	5	0	3	0
	2007	0	44	13	1	0	0	1	7	0	4	0
	2008	1	44	9	0	0	0	0	15	1	4	0
	# Change 04-08	0	5	-3	0	0	0	-2	9	1	-2	0
	% Change 04-08	0.0%	12.8%	-25.0%	N/A	N/A	N/A	-100.0%	150.0%	N/A	-33.3%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 466: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.3%	0.0%
	2005	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%
	2006	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%
	2007	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%	0.0%
	2008	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
All Institutions	2004	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 467: Number of Bachelor's Degrees in Mathematics and Statistics - Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	548	29	5	18	4	15	54	52	16	21
	2005	8	593	34	3	24	2	18	71	58	11	28
	2006	7	622	45	4	27	6	20	66	41	16	28
	2007	6	561	28	4	20	5	29	61	52	8	19
	2008	5	550	33	4	28	3	22	64	41	10	17
	# Change 04-08	-2	2	4	-1	10	-1	7	10	-11	-6	-4
	% Change 04-08	-28.6%	0.4%	13.8%	-20.0%	55.6%	-25.0%	46.7%	18.5%	-21.2%	-37.5%	-19.0%
Private Institutions	2004	12	254	6	2	8	5	5	19	25	8	20
	2005	14	293	7	7	6	1	5	24	18	14	15
	2006	7	246	6	2	11	0	4	21	18	14	6
	2007	15	290	8	5	9	1	2	32	25	10	15
	2008	19	257	5	6	7	0	5	21	30	9	15
	# Change 04-08	7	3	-1	4	-1	-5	0	2	5	1	-5
	% Change 04-08	58.3%	1.2%	-16.7%	200.0%	-12.5%	-100.0%	0.0%	10.5%	20.0%	12.5%	-25.0%
All Institutions	2004	19	802	35	7	26	9	20	73	77	24	41
	2005	22	886	41	10	30	3	23	95	76	25	43
	2006	14	868	51	6	38	6	24	87	59	30	34
	2007	21	851	36	9	29	6	31	93	77	18	34
	2008	24	807	38	10	35	3	27	85	71	19	32
	# Change 04-08	5	5	3	3	9	-6	7	12	-6	-5	-9
	% Change 04-08	26.3%	0.6%	8.6%	42.9%	34.6%	-66.7%	35.0%	16.4%	-7.8%	-20.8%	-22.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 468: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	0.7%	0.7%	1.0%	0.6%	1.1%	0.7%	1.0%	1.0%	0.6%	0.6%
	2005	1.2%	0.7%	0.8%	0.5%	0.8%	0.6%	0.8%	1.2%	1.1%	0.4%	0.8%
	2006	1.0%	0.7%	1.0%	0.7%	0.9%	1.4%	0.8%	1.1%	0.8%	0.5%	0.8%
	2007	0.8%	0.7%	0.6%	0.6%	0.6%	1.0%	1.2%	1.0%	0.9%	0.3%	0.5%
	2008	0.7%	0.6%	0.7%	0.7%	0.9%	0.6%	0.9%	1.0%	0.7%	0.4%	0.5%
Private Institutions	2004	0.6%	0.5%	0.3%	0.3%	0.3%	2.1%	0.7%	0.3%	1.0%	0.4%	1.2%
	2005	0.7%	0.6%	0.3%	1.1%	0.2%	0.4%	0.6%	0.4%	0.7%	0.6%	0.8%
	2006	0.4%	0.5%	0.2%	0.3%	0.3%	0.0%	0.4%	0.3%	0.7%	0.5%	0.3%
	2007	0.7%	0.5%	0.3%	0.7%	0.2%	0.3%	0.2%	0.5%	0.9%	0.4%	0.7%
	2008	0.9%	0.4%	0.2%	0.9%	0.2%	0.0%	0.5%	0.3%	1.0%	0.3%	0.7%
All Institutions	2004	0.8%	0.6%	0.5%	0.6%	0.4%	1.5%	0.7%	0.6%	1.0%	0.5%	0.8%
	2005	0.8%	0.7%	0.6%	0.9%	0.4%	0.5%	0.7%	0.8%	1.0%	0.5%	0.8%
	2006	0.5%	0.6%	0.7%	0.5%	0.5%	0.8%	0.7%	0.7%	0.7%	0.5%	0.6%
	2007	0.8%	0.6%	0.5%	0.7%	0.4%	0.7%	0.9%	0.7%	0.9%	0.3%	0.6%
	2008	0.8%	0.6%	0.5%	0.8%	0.5%	0.3%	0.8%	0.7%	0.8%	0.3%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 469: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	87	7	0	10	0	3	5	6	1	6
	2005	1	100	6	1	7	2	2	5	13	1	3
	2006	0	122	7	2	10	0	3	11	11	4	5
	2007	1	118	3	0	9	1	11	5	7	0	3
	2008	0	118	8	4	7	1	2	5	16	1	5
	# Change 04-08	0	31	1	4	-3	1	-1	0	10	0	-1
	% Change 04-08	N/A	35.6%	14.3%	N/A	-30.0%	N/A	-33.3%	0.0%	166.7%	0.0%	-16.7%
Private Institutions	2004	2	29	1	0	2	0	0	12	0	1	2
	2005	2	34	0	0	2	0	2	12	1	3	1
	2006	1	31	1	0	2	0	0	14	0	2	2
	2007	2	40	0	2	2	0	3	12	2	1	1
	2008	1	41	1	1	3	0	3	5	0	0	2
	# Change 04-08	-1	12	0	1	1	0	3	-7	0	-1	0
	% Change 04-08	-50.0%	41.4%	0.0%	N/A	50.0%	N/A	N/A	-58.3%	N/A	-100.0%	0.0%
All Institutions	2004	2	116	8	0	12	0	3	17	6	2	8
	2005	3	134	6	1	9	2	4	17	14	4	4
	2006	1	153	8	2	12	0	3	25	11	6	7
	2007	3	158	3	2	11	1	14	17	9	1	4
	2008	1	159	9	5	10	1	5	10	16	1	7
	# Change 04-08	-1	43	1	5	-2	1	2	-7	10	-1	-1
	% Change 04-08	-50.0%	37.1%	12.5%	N/A	-16.7%	N/A	66.7%	-41.2%	166.7%	-50.0%	-12.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 470: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.4%	0.7%	0.0%	1.1%	0.0%	0.5%	0.3%	0.6%	0.1%	0.6%
	2005	0.8%	0.4%	0.5%	0.6%	0.7%	2.1%	0.3%	0.3%	1.2%	0.2%	0.3%
	2006	0.0%	0.5%	0.6%	0.9%	1.0%	0.0%	0.4%	0.6%	0.9%	0.6%	0.5%
	2007	0.5%	0.4%	0.2%	0.0%	0.8%	0.8%	1.6%	0.3%	0.6%	0.0%	0.3%
	2008	0.0%	0.4%	0.7%	1.5%	0.7%	0.6%	0.3%	0.3%	1.1%	0.1%	0.5%
Private Institutions	2004	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.4%	0.0%	0.1%	0.4%
	2005	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.6%	0.4%	0.3%	0.3%	0.2%
	2006	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.0%	0.4%	0.0%	0.2%	0.4%
	2007	0.1%	0.1%	0.0%	0.6%	0.1%	0.0%	0.9%	0.3%	0.4%	0.1%	0.2%
	2008	0.1%	0.1%	0.0%	0.3%	0.1%	0.0%	0.8%	0.1%	0.0%	0.0%	0.3%
All Institutions	2004	0.1%	0.2%	0.3%	0.0%	0.4%	0.0%	0.3%	0.3%	0.5%	0.1%	0.5%
	2005	0.2%	0.3%	0.2%	0.2%	0.2%	0.3%	0.4%	0.3%	1.0%	0.2%	0.3%
	2006	0.1%	0.3%	0.2%	0.4%	0.3%	0.0%	0.3%	0.5%	0.7%	0.3%	0.4%
	2007	0.2%	0.3%	0.1%	0.4%	0.3%	0.1%	1.3%	0.3%	0.5%	0.0%	0.2%
	2008	0.1%	0.3%	0.3%	0.9%	0.2%	0.1%	0.5%	0.2%	0.8%	0.0%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

**Table III - 471: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Black Students
(MASSIP 2009 Indicator 22)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA	
Public Institutions	2004	0	5	0	0	0	0	0	1	1	0	0	
	2005	0	10	2	0	0	0	0	2	1	0	0	
	2006	0	14	2	0	0	0	1	2	1	1	0	
	2007	0	17	2	0	0	1	0	1	0	2	0	
	2008	0	15	1	0	1	0	0	1	0	0	1	
	# Change 04-08	0	10	1	0	1	0	0	0	0	-1	0	1
	% Change 04-08	N/A	200.0%	N/A	N/A	N/A	N/A	N/A	N/A	0.0%	-100.0%	N/A	N/A
Private Institutions	2004	1	3	0	0	0	0	0	1	0	0	0	
	2005	0	8	0	0	0	0	0	0	0	0	0	
	2006	0	6	1	0	1	0	1	1	0	0	0	
	2007	0	4	0	0	0	0	0	1	0	0	0	
	2008	0	7	0	0	1	0	0	1	0	1	0	
	# Change 04-08	-1	4	0	0	1	0	0	0	0	1	0	
	% Change 04-08	-100.0%	133.3%	N/A	N/A	N/A	N/A	N/A	N/A	0.0%	N/A	N/A	N/A
All Institutions	2004	1	8	0	0	0	0	0	2	1	0	0	
	2005	0	18	2	0	0	0	0	2	1	0	0	
	2006	0	20	3	0	1	0	2	3	1	1	0	
	2007	0	21	2	0	0	1	0	2	0	2	0	
	2008	0	22	1	0	2	0	0	2	0	1	1	
	# Change 04-08	-1	14	1	0	2	0	0	0	-1	1	1	
	% Change 04-08	-100.0%	175.0%	N/A	N/A	N/A	N/A	N/A	N/A	0.0%	-100.0%	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 472: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.5%	0.0%	0.0%
	2005	0.0%	0.3%	1.5%	0.0%	0.0%	0.0%	0.0%	1.5%	0.5%	0.0%	0.0%
	2006	0.0%	0.4%	1.4%	0.0%	0.0%	0.0%	0.8%	1.4%	0.5%	0.5%	0.0%
	2007	0.0%	0.4%	1.4%	0.0%	0.0%	2.9%	0.0%	0.8%	0.0%	1.0%	0.0%
	2008	0.0%	0.4%	0.7%	0.0%	0.8%	0.0%	0.0%	0.8%	0.0%	0.0%	0.6%
Private Institutions	2004	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.1%	0.3%	0.0%	0.4%	0.0%	1.4%	0.2%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.1%	0.0%	0.0%	0.3%	0.0%	0.0%	0.2%	0.0%	0.4%	0.0%
All Institutions	2004	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%
	2005	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.3%	0.3%	0.0%	0.0%
	2006	0.0%	0.2%	0.6%	0.0%	0.3%	0.0%	1.0%	0.4%	0.3%	0.2%	0.0%
	2007	0.0%	0.2%	0.4%	0.0%	0.0%	0.4%	0.0%	0.3%	0.0%	0.5%	0.0%
	2008	0.0%	0.2%	0.2%	0.0%	0.5%	0.0%	0.0%	0.3%	0.0%	0.2%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 473: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - Hispanic Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	132	67	1	0	0	1	3	0	0	0
	2005	0	155	104	0	0	0	0	4	0	2	0
	2006	0	159	105	0	0	0	1	1	0	1	0
	2007	0	171	98	0	0	0	3	6	0	1	0
	2008	0	166	79	1	0	0	2	7	0	0	0
	# Change 04-08	0	34	12	0	0	0	1	4	0	0	0
	% Change 04-08	N/A	25.8%	17.9%	0.0%	N/A	N/A	100.0%	133.3%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	3	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	4	0	0	0	0	0	2	0	0	0
	# Change 04-08	0	4	0	0	0	0	0	2	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	132	67	1	0	0	1	3	0	0	0
	2005	0	158	104	0	0	0	0	4	0	2	0
	2006	0	160	105	0	0	0	1	1	0	1	0
	2007	0	172	98	0	0	0	3	6	0	1	0
	2008	0	170	79	1	0	0	2	9	0	0	0
	# Change 04-08	0	38	12	0	0	0	1	6	0	0	0
	% Change 04-08	N/A	28.8%	17.9%	0.0%	N/A	N/A	100.0%	200.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 474: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.2%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	0.0%
	2006	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%
	2007	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%
	2008	0.0%	0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 475: Number of Bachelor's Degrees in Mathematics and Statistics - Hispanic Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	539	167	2	6	1	28	30	2	7	8
	2005	4	648	230	5	15	3	24	39	5	9	2
	2006	5	719	235	9	16	4	39	30	4	3	10
	2007	5	767	236	1	24	4	32	39	4	3	11
	2008	2	747	243	2	17	4	30	40	4	6	9
	# Change 04-08	-1	208	76	0	11	3	2	10	2	-1	1
	% Change 04-08	-33.3%	38.6%	45.5%	0.0%	183.3%	300.0%	7.1%	33.3%	100.0%	-14.3%	12.5%
Private Institutions	2004	23	181	21	0	20	1	4	25	0	11	1
	2005	22	205	38	3	12	3	8	34	2	3	1
	2006	16	207	38	4	20	0	7	38	1	12	0
	2007	20	220	24	2	17	0	4	33	3	9	2
	2008	28	231	29	1	14	2	7	33	4	10	1
	# Change 04-08	5	50	8	1	-6	1	3	8	4	-1	0
	% Change 04-08	21.7%	27.6%	38.1%	N/A	-30.0%	100.0%	75.0%	32.0%	N/A	-9.1%	0.0%
All Institutions	2004	26	720	188	2	26	2	32	55	2	18	9
	2005	26	853	268	8	27	6	32	73	7	12	3
	2006	21	926	273	13	36	4	46	68	5	15	10
	2007	25	987	260	3	41	4	36	72	7	12	13
	2008	30	978	272	3	31	6	37	73	8	16	10
	# Change 04-08	4	258	84	1	5	4	5	18	6	-2	1
	% Change 04-08	15.4%	35.8%	44.7%	50.0%	19.2%	200.0%	15.6%	32.7%	300.0%	-11.1%	11.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 476: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.7%	0.8%	0.9%	0.5%	0.3%	0.5%	1.3%	0.7%	0.5%	1.0%	1.1%
	2005	0.9%	0.9%	1.2%	1.2%	0.8%	1.4%	1.1%	0.9%	1.0%	1.2%	0.2%
	2006	1.0%	0.9%	1.2%	1.8%	0.8%	1.7%	1.6%	0.6%	0.7%	0.4%	1.0%
	2007	1.0%	0.9%	1.1%	0.2%	1.2%	1.7%	1.3%	0.8%	0.6%	0.4%	1.1%
	2008	0.4%	0.8%	1.1%	0.4%	0.8%	1.3%	1.1%	0.8%	0.6%	0.7%	0.8%
Private Institutions	2004	1.3%	0.5%	0.4%	0.0%	0.9%	0.5%	0.6%	0.5%	0.0%	1.1%	0.5%
	2005	1.3%	0.5%	0.6%	0.6%	0.5%	1.7%	1.0%	0.6%	0.6%	0.3%	0.5%
	2006	0.9%	0.5%	0.6%	0.8%	0.7%	0.0%	0.9%	0.7%	0.3%	1.0%	0.0%
	2007	1.1%	0.5%	0.4%	0.4%	0.6%	0.0%	0.5%	0.6%	0.8%	0.7%	0.7%
	2008	1.3%	0.5%	0.4%	0.2%	0.5%	0.9%	0.7%	0.6%	1.1%	0.7%	0.3%
All Institutions	2004	1.2%	0.6%	0.8%	0.2%	0.7%	0.5%	1.1%	0.6%	0.3%	1.1%	1.0%
	2005	1.2%	0.7%	1.1%	0.9%	0.6%	1.5%	1.1%	0.7%	0.8%	0.7%	0.3%
	2006	0.9%	0.8%	1.0%	1.3%	0.8%	1.0%	1.4%	0.7%	0.5%	0.8%	0.8%
	2007	1.0%	0.8%	0.9%	0.3%	0.8%	0.9%	1.1%	0.7%	0.7%	0.6%	1.0%
	2008	1.1%	0.7%	0.9%	0.3%	0.6%	1.1%	1.0%	0.7%	0.7%	0.7%	0.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 477: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Hispanic Students (MASSIP 2009 Indicator 22)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	93	25	0	1	0	0	8	1	1	4
	2005	1	101	31	0	3	0	3	5	0	0	2
	2006	1	118	32	0	4	2	0	6	0	2	0
	2007	1	137	39	1	6	0	3	4	1	1	2
	2008	1	144	42	3	4	1	2	3	3	0	2
	# Change 04-08	1	51	17	3	3	1	2	-5	2	-1	-2
	% Change 04-08	N/A	54.8%	68.0%	N/A	300.0%	N/A	N/A	-62.5%	200.0%	-100.0%	-50.0%
Private Institutions	2004	0	26	3	0	2	0	0	16	0	0	0
	2005	1	30	1	0	1	0	0	14	0	0	0
	2006	3	48	1	0	1	0	1	15	0	1	0
	2007	1	38	0	0	2	0	0	7	1	3	0
	2008	0	44	2	0	3	0	1	9	0	0	0
	# Change 04-08	0	18	-1	0	1	0	1	-7	0	0	0
	% Change 04-08	N/A	69.2%	-33.3%	N/A	50.0%	N/A	N/A	-43.8%	N/A	N/A	N/A
All Institutions	2004	0	119	28	0	3	0	0	24	1	1	4
	2005	2	131	32	0	4	0	3	19	0	0	2
	2006	4	166	33	0	5	2	1	21	0	3	0
	2007	2	175	39	1	8	0	3	11	2	4	2
	2008	1	188	44	3	7	1	3	12	3	0	2
	# Change 04-08	1	69	16	3	4	1	3	-12	2	-1	-2
	% Change 04-08	N/A	58.0%	57.1%	N/A	133.3%	N/A	N/A	-50.0%	200.0%	-100.0%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 478: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 22)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.6%	0.9%	0.0%	0.2%	0.0%	0.0%	0.8%	0.8%	0.7%	1.0%
	2005	0.6%	0.6%	1.1%	0.0%	0.6%	0.0%	0.7%	0.5%	0.0%	0.0%	1.0%
	2006	0.5%	0.7%	1.0%	0.0%	0.9%	3.5%	0.0%	0.5%	0.0%	1.4%	0.0%
	2007	0.6%	0.8%	1.1%	0.7%	1.2%	0.0%	0.7%	0.4%	0.7%	0.6%	0.7%
	2008	0.5%	0.8%	1.1%	2.1%	0.8%	1.4%	0.4%	0.3%	2.1%	0.0%	0.7%
Private Institutions	2004	0.0%	0.1%	0.1%	0.0%	0.3%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%
	2005	0.1%	0.2%	0.0%	0.0%	0.1%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
	2006	0.4%	0.2%	0.0%	0.0%	0.1%	0.0%	0.4%	0.6%	0.0%	0.3%	0.0%
	2007	0.1%	0.2%	0.0%	0.0%	0.2%	0.0%	0.0%	0.3%	0.9%	0.8%	0.0%
	2008	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%	0.3%	0.3%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.4%	0.4%	0.0%	0.3%	0.0%	0.0%	0.5%	0.5%	0.2%	0.8%
	2005	0.2%	0.4%	0.5%	0.0%	0.3%	0.0%	0.4%	0.4%	0.0%	0.0%	0.7%
	2006	0.4%	0.5%	0.5%	0.0%	0.3%	0.6%	0.1%	0.6%	0.0%	0.6%	0.0%
	2007	0.2%	0.5%	0.5%	0.3%	0.5%	0.0%	0.4%	0.3%	0.8%	0.7%	0.5%
	2008	0.1%	0.5%	0.6%	0.9%	0.4%	0.2%	0.4%	0.3%	1.2%	0.0%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 479: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Hispanic Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	15	5	0	0	0	0	0	0	0	0
	2005	0	17	1	0	0	0	1	2	0	0	2
	2006	0	17	5	0	1	0	1	0	0	0	1
	2007	0	12	1	0	2	1	0	0	0	0	1
	2008	0	19	1	0	0	1	0	2	0	0	0
	# Change 04-08	-1	4	-4	0	0	1	0	2	0	0	0
	% Change 04-08	-100.0%	26.7%	-80.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	2	8	1	0	1	0	0	1	1	0	0
	2005	0	4	1	0	0	0	0	2	1	0	0
	2006	2	10	2	0	0	0	0	4	0	0	0
	2007	0	9	3	0	0	0	0	1	0	0	0
	2008	0	10	1	0	1	0	0	2	1	0	0
	# Change 04-08	-2	2	0	0	0	0	0	1	0	0	0
	% Change 04-08	-100.0%	25.0%	0.0%	N/A	0.0%	N/A	N/A	100.0%	0.0%	N/A	N/A
All Institutions	2004	3	23	6	0	1	0	0	1	1	0	0
	2005	0	21	2	0	0	0	1	4	1	0	2
	2006	2	27	7	0	1	0	1	4	0	0	1
	2007	0	21	4	0	2	1	0	1	0	0	1
	2008	0	29	2	0	1	1	0	4	1	0	0
	# Change 04-08	-3	6	-4	0	0	1	0	3	0	0	0
	% Change 04-08	-100.0%	26.1%	-66.7%	N/A	0.0%	N/A	N/A	300.0%	0.0%	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 480: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.7%	0.5%	1.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.6%	0.3%	0.0%	0.0%	0.0%	1.1%	2.2%	0.0%	0.0%	5.3%
	2006	0.0%	0.5%	1.4%	0.0%	1.0%	0.0%	0.9%	0.0%	0.0%	0.0%	3.6%
	2007	0.0%	0.4%	0.3%	0.0%	1.7%	3.8%	0.0%	0.0%	0.0%	0.0%	2.3%
	2008	0.0%	0.5%	0.3%	0.0%	0.0%	3.6%	0.0%	2.0%	0.0%	0.0%	0.0%
Private Institutions	2004	1.0%	0.2%	0.2%	0.0%	0.6%	0.0%	0.0%	0.2%	2.9%	0.0%	0.0%
	2005	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.4%	3.3%	0.0%	0.0%
	2006	1.0%	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%
	2007	0.0%	0.2%	0.4%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2008	0.0%	0.2%	0.1%	0.0%	0.6%	0.0%	0.0%	0.4%	2.8%	0.0%	0.0%
All Institutions	2004	1.4%	0.3%	0.6%	0.0%	0.4%	0.0%	0.0%	0.2%	1.6%	0.0%	0.0%
	2005	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.7%	0.7%	1.4%	0.0%	3.2%
	2006	0.9%	0.4%	0.7%	0.0%	0.4%	0.0%	0.7%	0.7%	0.0%	0.0%	2.2%
	2007	0.0%	0.3%	0.4%	0.0%	0.6%	1.4%	0.0%	0.2%	0.0%	0.0%	1.4%
	2008	0.0%	0.4%	0.2%	0.0%	0.3%	1.0%	0.0%	0.6%	1.2%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 481: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - White Students (MASSIP 2009 Indicator 22)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	479	170	0	0	0	1	3	0	26	0
	2005	0	430	158	2	0	0	0	4	0	18	0
	2006	2	397	163	2	0	1	0	4	0	18	0
	2007	0	437	206	0	0	2	0	3	0	22	0
	2008	1	393	145	0	0	3	0	2	0	10	0
	# Change 04-08	0	-86	-25	0	0	3	-1	-1	0	-16	0
	% Change 04-08	0.0%	-18.0%	-14.7%	N/A	N/A	N/A	-100.0%	-33.3%	N/A	-61.5%	N/A
Private Institutions	2004	0	10	0	0	0	0	0	0	0	0	0
	2005	0	12	0	0	1	0	0	0	0	0	0
	2006	0	8	0	0	0	0	0	0	0	1	0
	2007	0	5	0	0	0	0	0	0	0	0	0
	2008	0	16	0	0	0	0	0	13	0	0	0
	# Change 04-08	0	6	0	0	0	0	0	13	0	0	0
	% Change 04-08	N/A	60.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	489	170	0	0	0	1	3	0	26	0
	2005	0	442	158	2	1	0	0	4	0	18	0
	2006	2	405	163	2	0	1	0	4	0	19	0
	2007	0	442	206	0	0	2	0	3	0	22	0
	2008	1	409	145	0	0	3	0	15	0	10	0
	# Change 04-08	0	-80	-25	0	0	3	-1	12	0	-16	0
	% Change 04-08	0.0%	-16.4%	-14.7%	N/A	N/A	N/A	-100.0%	400.0%	N/A	-61.5%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 482: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 22)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.0%	0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 483: Number of Bachelor's Degrees in Mathematics and Statistics - White Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	120	6,388	536	99	245	146	186	342	276	380	238
	2005	147	6,868	607	94	226	135	236	388	247	423	242
	2006	154	7,015	625	110	312	178	209	368	209	436	286
	2007	156	7,264	590	87	305	141	242	390	219	453	274
	2008	128	7,369	643	95	331	181	244	408	260	443	257
	# Change 04-08	8	981	107	-4	86	35	58	66	-16	63	19
	% Change 04-08	6.7%	15.4%	20.0%	-4.0%	35.1%	24.0%	31.2%	19.3%	-5.8%	16.6%	8.0%
Private Institutions	2004	363	4,240	168	85	285	162	64	529	123	442	96
	2005	355	4,239	192	59	293	163	69	524	116	468	80
	2006	376	4,483	222	66	297	183	86	592	113	462	87
	2007	415	4,536	204	84	309	163	87	545	110	475	84
	2008	397	4,463	196	95	317	169	71	643	101	522	85
	# Change 04-08	34	223	28	10	32	7	7	114	-22	80	-11
	% Change 04-08	9.4%	5.3%	16.7%	11.8%	11.2%	4.3%	10.9%	21.6%	-17.9%	18.1%	-11.5%
All Institutions	2004	483	10,628	704	184	530	308	250	871	399	822	334
	2005	502	11,107	799	153	519	298	305	912	363	891	322
	2006	530	11,498	847	176	609	361	295	960	322	898	373
	2007	571	11,800	794	171	614	304	329	935	329	928	358
	2008	525	11,832	839	190	648	350	315	1,051	361	965	342
	# Change 04-08	42	1,204	135	6	118	42	65	180	-38	143	8
	% Change 04-08	8.7%	11.3%	19.2%	3.3%	22.3%	13.6%	26.0%	20.7%	-9.5%	17.4%	2.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 484: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.0%	1.2%	1.5%	1.0%	1.0%	1.4%	1.3%	1.3%	1.2%	1.1%
	2005	1.3%	1.0%	1.4%	1.4%	1.0%	0.9%	1.6%	1.4%	1.1%	1.2%	1.2%
	2006	1.4%	1.0%	1.4%	1.5%	1.3%	1.2%	1.4%	1.3%	1.0%	1.3%	1.3%
	2007	1.4%	1.0%	1.3%	1.2%	1.2%	0.9%	1.7%	1.3%	1.0%	1.3%	1.3%
	2008	1.1%	1.0%	1.4%	1.2%	1.3%	1.1%	1.7%	1.4%	1.1%	1.3%	1.2%
Private Institutions	2004	1.6%	1.2%	0.9%	1.3%	1.4%	1.6%	1.1%	1.2%	1.3%	1.4%	1.5%
	2005	1.6%	1.2%	1.0%	1.0%	1.3%	1.6%	1.2%	1.2%	1.2%	1.4%	1.1%
	2006	1.6%	1.2%	1.1%	1.0%	1.2%	1.8%	1.5%	1.4%	1.2%	1.4%	1.2%
	2007	1.8%	1.2%	1.0%	1.3%	1.2%	1.5%	1.4%	1.2%	1.1%	1.4%	1.1%
	2008	1.7%	1.1%	0.9%	1.4%	1.3%	1.5%	1.1%	1.4%	1.1%	1.5%	1.1%
All Institutions	2004	1.5%	1.0%	1.1%	1.4%	1.2%	1.3%	1.3%	1.2%	1.3%	1.3%	1.2%
	2005	1.5%	1.1%	1.3%	1.2%	1.1%	1.2%	1.5%	1.3%	1.2%	1.3%	1.2%
	2006	1.5%	1.1%	1.3%	1.3%	1.3%	1.4%	1.5%	1.4%	1.0%	1.3%	1.3%
	2007	1.6%	1.1%	1.2%	1.2%	1.2%	1.1%	1.6%	1.3%	1.0%	1.3%	1.2%
	2008	1.5%	1.1%	1.2%	1.3%	1.3%	1.3%	1.5%	1.4%	1.1%	1.4%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 485: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - White Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15	1,436	142	25	71	12	27	71	61	41	50
	2005	20	1,604	177	38	67	22	25	65	52	58	33
	2006	18	1,753	200	50	91	26	25	60	64	60	51
	2007	24	1,748	183	32	73	26	43	77	80	62	43
	2008	31	1,767	208	33	72	22	21	92	67	75	66
	# Change 04-08	16	331	66	8	1	10	-6	21	6	34	16
	% Change 04-08	106.7%	23.1%	46.5%	32.0%	1.4%	83.3%	-22.2%	29.6%	9.8%	82.9%	32.0%
Private Institutions	2004	41	399	11	8	45	0	6	133	9	39	0
	2005	34	424	30	13	41	0	10	120	10	55	0
	2006	34	428	27	17	41	0	7	129	7	43	0
	2007	47	473	21	13	54	0	21	127	11	40	1
	2008	46	484	21	21	45	0	10	172	13	26	1
	# Change 04-08	5	85	10	13	0	0	4	39	4	-13	1
	% Change 04-08	12.2%	21.3%	90.9%	162.5%	0.0%	N/A	66.7%	29.3%	44.4%	-33.3%	N/A
All Institutions	2004	56	1,835	153	33	116	12	33	204	70	80	50
	2005	54	2,028	207	51	108	22	35	185	62	113	33
	2006	52	2,181	227	67	132	26	32	189	71	103	51
	2007	71	2,221	204	45	127	26	64	204	91	102	44
	2008	77	2,251	229	54	117	22	31	264	80	101	67
	# Change 04-08	21	416	76	21	1	10	-2	60	10	21	17
	% Change 04-08	37.5%	22.7%	49.7%	63.6%	0.9%	83.3%	-6.1%	29.4%	14.3%	26.3%	34.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 486: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.8%	1.3%	1.1%	1.0%	0.4%	0.7%	0.6%	1.0%	0.6%	0.7%
	2005	0.5%	0.8%	1.5%	1.5%	0.9%	0.7%	0.6%	0.6%	0.8%	0.8%	0.5%
	2006	0.5%	0.9%	1.7%	2.0%	1.2%	0.7%	0.6%	0.5%	1.0%	0.8%	0.7%
	2007	0.6%	0.9%	1.7%	1.3%	1.0%	0.7%	1.1%	0.6%	1.2%	0.8%	0.6%
	2008	0.7%	0.9%	1.7%	1.1%	1.0%	0.6%	0.5%	0.8%	1.0%	1.0%	0.8%
Private Institutions	2004	0.4%	0.2%	0.1%	0.2%	0.3%	0.0%	0.2%	0.6%	0.4%	0.4%	0.0%
	2005	0.3%	0.2%	0.2%	0.3%	0.3%	0.0%	0.3%	0.5%	0.5%	0.5%	0.0%
	2006	0.3%	0.2%	0.2%	0.4%	0.3%	0.0%	0.2%	0.5%	0.3%	0.4%	0.0%
	2007	0.4%	0.3%	0.1%	0.3%	0.3%	0.0%	0.6%	0.5%	0.5%	0.3%	0.0%
	2008	0.4%	0.3%	0.1%	0.6%	0.3%	0.0%	0.3%	0.7%	0.5%	0.2%	0.0%
All Institutions	2004	0.4%	0.5%	0.5%	0.6%	0.5%	0.1%	0.5%	0.6%	0.9%	0.4%	0.6%
	2005	0.4%	0.6%	0.7%	0.8%	0.5%	0.2%	0.5%	0.5%	0.7%	0.6%	0.4%
	2006	0.3%	0.6%	0.8%	1.1%	0.6%	0.2%	0.4%	0.5%	0.8%	0.5%	0.5%
	2007	0.5%	0.6%	0.7%	0.7%	0.6%	0.2%	0.8%	0.6%	1.0%	0.5%	0.4%
	2008	0.5%	0.6%	0.8%	0.8%	0.5%	0.2%	0.4%	0.8%	0.9%	0.5%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 487: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - White Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	255	35	2	7	3	5	13	19	6	13
	2005	3	300	40	0	8	2	8	12	16	12	8
	2006	0	297	46	2	8	3	4	11	15	8	9
	2007	1	341	52	3	17	9	2	16	17	5	11
	2008	5	360	55	1	12	4	9	15	25	7	11
	# Change 04-08	4	105	20	-1	5	1	4	2	6	1	-2
	% Change 04-08	400.0%	41.2%	57.1%	-50.0%	71.4%	33.3%	80.0%	15.4%	31.6%	16.7%	-15.4%
Private Institutions	2004	13	130	17	1	24	0	5	21	5	8	0
	2005	13	99	8	6	8	0	3	17	7	6	0
	2006	15	133	12	2	18	0	4	31	5	14	0
	2007	10	118	11	3	17	0	3	20	7	6	0
	2008	14	128	15	3	16	0	2	22	7	10	0
	# Change 04-08	1	-2	-2	2	-8	0	-3	1	2	2	0
	% Change 04-08	7.7%	-1.5%	-11.8%	200.0%	-33.3%	N/A	-60.0%	4.8%	40.0%	25.0%	N/A
All Institutions	2004	14	385	52	3	31	3	10	34	24	14	13
	2005	16	399	48	6	16	2	11	29	23	18	8
	2006	15	430	58	4	26	3	8	42	20	22	9
	2007	11	459	63	6	34	9	5	36	24	11	11
	2008	19	488	70	4	28	4	11	37	32	17	11
	# Change 04-08	5	103	18	1	-3	1	1	3	8	3	-2
	% Change 04-08	35.7%	26.8%	34.6%	33.3%	-9.7%	33.3%	10.0%	8.8%	33.3%	21.4%	-15.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 488: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	0.6%	1.4%	0.5%	0.5%	0.3%	0.5%	0.9%	1.5%	0.3%	0.8%
	2005	1.0%	0.7%	1.7%	0.0%	0.6%	0.2%	0.9%	0.8%	1.3%	0.6%	0.5%
	2006	0.0%	0.7%	1.8%	0.4%	0.6%	0.3%	0.5%	0.7%	1.2%	0.4%	0.5%
	2007	0.3%	0.8%	2.0%	0.7%	1.2%	0.8%	0.2%	1.1%	1.3%	0.2%	0.6%
	2008	1.7%	0.8%	2.0%	0.3%	0.9%	0.4%	1.0%	1.0%	1.8%	0.3%	0.6%
Private Institutions	2004	0.4%	0.3%	0.4%	0.2%	0.8%	0.0%	0.8%	0.4%	0.5%	0.3%	0.0%
	2005	0.4%	0.2%	0.2%	0.9%	0.3%	0.0%	0.4%	0.3%	0.7%	0.2%	0.0%
	2006	0.4%	0.3%	0.2%	0.3%	0.6%	0.0%	0.6%	0.5%	0.5%	0.4%	0.0%
	2007	0.3%	0.2%	0.2%	0.5%	0.5%	0.0%	0.4%	0.4%	0.7%	0.2%	0.0%
	2008	0.4%	0.3%	0.3%	0.5%	0.5%	0.0%	0.3%	0.4%	0.7%	0.3%	0.0%
All Institutions	2004	0.4%	0.5%	0.7%	0.3%	0.7%	0.1%	0.6%	0.5%	1.1%	0.3%	0.5%
	2005	0.4%	0.5%	0.6%	0.6%	0.4%	0.1%	0.7%	0.4%	1.0%	0.4%	0.3%
	2006	0.4%	0.5%	0.8%	0.4%	0.6%	0.1%	0.5%	0.6%	0.9%	0.4%	0.3%
	2007	0.3%	0.5%	0.8%	0.6%	0.7%	0.3%	0.3%	0.5%	1.0%	0.2%	0.4%
	2008	0.5%	0.5%	0.9%	0.4%	0.6%	0.2%	0.7%	0.5%	1.3%	0.3%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 489: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	50	31	0	0	0	0	1	0	1	0
	2005	0	62	30	0	0	0	0	3	0	0	0
	2006	2	64	29	0	0	0	6	1	0	0	0
	2007	0	29	11	0	0	0	0	5	0	1	0
	2008	0	46	23	0	0	0	2	3	0	0	0
	# Change 04-08	0	-4	-8	0	0	0	2	2	0	-1	0
	% Change 04-08	N/A	-8.0%	-25.8%	N/A	N/A	N/A	N/A	200.0%	N/A	-100.0%	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	1	0	0	0
	# Change 04-08	0	1	0	0	0	0	0	1	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	50	31	0	0	0	0	1	0	1	0
	2005	0	63	30	0	0	0	0	3	0	0	0
	2006	2	65	29	0	0	0	6	1	0	0	0
	2007	0	29	11	0	0	0	0	5	0	1	0
	2008	0	47	23	0	0	0	2	4	0	0	0
	# Change 04-08	0	-3	-8	0	0	0	2	3	0	-1	0
	% Change 04-08	N/A	-6.0%	-25.8%	N/A	N/A	N/A	N/A	300.0%	N/A	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 490: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.3%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.6%	0.0%
	2005	0.0%	0.4%	0.7%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2006	0.9%	0.4%	0.8%	0.0%	0.0%	0.0%	1.1%	0.1%	0.0%	0.0%	0.0%
	2007	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.6%	0.0%
	2008	0.0%	0.3%	0.7%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.2%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
	2005	0.0%	0.3%	0.6%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.6%	0.3%	0.6%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.4%	0.0%
	2008	0.0%	0.2%	0.5%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 491: Number of Bachelor's Degrees in Mathematics and Statistics - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	441	84	3	3	23	11	39	2	7	12
	2005	9	517	95	1	21	23	19	46	6	9	10
	2006	12	504	105	3	12	20	12	46	6	13	16
	2007	8	412	87	0	7	18	7	46	3	4	9
	2008	5	466	86	6	13	7	13	51	13	11	12
	# Change 04-08	0	25	2	3	10	-16	2	12	11	4	0
	% Change 04-08	0.0%	5.7%	2.4%	100.0%	333.3%	-69.6%	18.2%	30.8%	550.0%	57.1%	0.0%
Private Institutions	2004	58	363	16	6	16	22	8	46	11	29	11
	2005	59	412	17	15	24	23	6	51	6	40	10
	2006	62	430	16	16	34	21	7	55	7	33	4
	2007	79	441	21	12	29	15	5	54	8	51	2
	2008	57	412	26	15	27	10	5	59	7	53	5
	# Change 04-08	-1	49	10	9	11	-12	-3	13	-4	24	-6
	% Change 04-08	-1.7%	13.5%	62.5%	150.0%	68.8%	-54.5%	-37.5%	28.3%	-36.4%	82.8%	-54.5%
All Institutions	2004	63	804	100	9	19	45	19	85	13	36	23
	2005	68	929	112	16	45	46	25	97	12	49	20
	2006	74	934	121	19	46	41	19	101	13	46	20
	2007	87	853	108	12	36	33	12	100	11	55	11
	2008	62	878	112	21	40	17	18	110	20	64	17
	# Change 04-08	-1	74	12	12	21	-28	-1	25	7	28	-6
	% Change 04-08	-1.6%	9.2%	12.0%	133.3%	110.5%	-62.2%	-5.3%	29.4%	53.8%	77.8%	-26.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 492: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.3%	1.6%	2.1%	2.8%	0.5%	2.9%	1.5%	1.8%	0.4%	1.0%	1.5%
	2005	2.5%	1.9%	2.3%	0.5%	2.4%	3.3%	3.0%	2.0%	1.6%	1.1%	1.3%
	2006	3.4%	1.9%	2.4%	1.7%	1.6%	2.8%	1.8%	1.9%	1.3%	1.7%	2.3%
	2007	2.6%	1.6%	2.0%	0.0%	1.1%	2.7%	1.4%	1.7%	0.9%	0.6%	1.8%
	2008	1.8%	1.8%	2.2%	4.5%	2.0%	1.2%	2.4%	1.7%	3.2%	1.8%	1.8%
Private Institutions	2004	2.4%	1.7%	0.8%	1.4%	1.5%	7.2%	2.2%	1.5%	3.6%	1.9%	5.0%
	2005	2.8%	2.0%	0.8%	3.8%	2.3%	6.7%	1.9%	1.8%	2.2%	2.8%	3.6%
	2006	3.0%	1.9%	0.7%	3.7%	3.3%	6.1%	2.7%	2.1%	2.5%	2.3%	1.3%
	2007	3.7%	1.9%	0.9%	2.9%	3.0%	5.5%	1.6%	1.9%	2.8%	3.5%	0.8%
	2008	2.8%	1.9%	1.3%	4.0%	3.2%	3.2%	1.3%	2.1%	2.2%	3.5%	1.5%
All Institutions	2004	2.3%	1.7%	1.7%	1.6%	1.2%	4.1%	1.7%	1.6%	1.6%	1.6%	2.2%
	2005	2.8%	1.9%	1.8%	2.7%	2.3%	4.5%	2.7%	1.9%	1.9%	2.2%	1.9%
	2006	3.0%	1.9%	1.8%	3.1%	2.6%	3.9%	2.0%	2.0%	1.7%	2.1%	2.0%
	2007	3.5%	1.7%	1.6%	2.2%	2.2%	3.5%	1.5%	1.8%	1.8%	2.6%	1.5%
	2008	2.7%	1.9%	1.9%	4.1%	2.7%	1.9%	1.9%	1.9%	2.7%	3.0%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 493: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14	1,334	82	30	93	21	46	57	34	30	22
	2005	14	1,359	94	25	96	28	38	45	30	27	31
	2006	7	1,325	105	16	90	43	40	58	21	34	36
	2007	11	1,251	81	35	89	31	34	69	26	31	19
	2008	11	1,294	122	29	95	27	52	61	18	44	37
	# Change 04-08	-3	-40	40	-1	2	6	6	4	-16	14	15
	% Change 04-08	-21.4%	-3.0%	48.8%	-3.3%	2.2%	28.6%	13.0%	7.0%	-47.1%	46.7%	68.2%
Private Institutions	2004	45	428	82	10	55	0	8	124	1	23	0
	2005	47	401	81	15	51	0	3	123	2	16	0
	2006	40	448	58	13	63	0	11	176	1	21	0
	2007	61	509	89	14	54	0	9	185	3	19	0
	2008	32	571	84	24	68	0	14	249	1	26	0
	# Change 04-08	-13	143	2	14	13	0	6	125	0	3	0
	% Change 04-08	-28.9%	33.4%	2.4%	140.0%	23.6%	N/A	75.0%	100.8%	0.0%	13.0%	N/A
All Institutions	2004	59	1,762	164	40	148	21	54	181	35	53	22
	2005	61	1,760	175	40	147	28	41	168	32	43	31
	2006	47	1,773	163	29	153	43	51	234	22	55	36
	2007	72	1,760	170	49	143	31	43	254	29	50	19
	2008	43	1,865	206	53	163	27	66	310	19	70	37
	# Change 04-08	-16	103	42	13	15	6	12	129	-16	17	15
	% Change 04-08	-27.1%	5.8%	25.6%	32.5%	10.1%	28.6%	22.2%	71.3%	-45.7%	32.1%	68.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 494: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.0%	3.1%	1.9%	12.2%	3.7%	2.9%	4.3%	2.3%	3.8%	2.6%	1.9%
	2005	3.0%	3.3%	2.2%	8.6%	4.4%	4.0%	3.8%	1.9%	4.3%	2.4%	2.8%
	2006	1.5%	3.5%	2.7%	5.7%	4.3%	6.6%	4.2%	2.5%	2.6%	3.4%	3.1%
	2007	2.1%	3.5%	2.3%	14.3%	4.5%	4.5%	4.0%	3.1%	3.3%	3.2%	2.6%
	2008	1.9%	3.4%	3.3%	11.1%	3.8%	3.6%	5.2%	2.5%	1.9%	4.1%	3.1%
Private Institutions	2004	1.1%	1.2%	1.8%	1.0%	1.5%	0.0%	1.1%	1.6%	0.5%	0.9%	0.0%
	2005	1.2%	1.1%	1.8%	1.4%	1.6%	0.0%	0.4%	1.6%	1.1%	0.8%	0.0%
	2006	1.1%	1.2%	1.3%	1.4%	2.0%	0.0%	1.3%	2.3%	0.5%	0.9%	0.0%
	2007	1.7%	1.4%	2.1%	1.5%	1.8%	0.0%	1.1%	2.2%	1.7%	0.8%	0.0%
	2008	0.8%	1.5%	1.8%	2.1%	2.0%	0.0%	1.4%	2.8%	0.5%	1.1%	0.0%
All Institutions	2004	1.2%	2.2%	1.9%	3.2%	2.4%	2.1%	3.0%	1.8%	3.2%	1.5%	1.6%
	2005	1.4%	2.3%	2.0%	3.0%	2.7%	2.9%	2.4%	1.7%	3.6%	1.3%	2.3%
	2006	1.1%	2.3%	1.9%	2.3%	2.9%	4.7%	2.8%	2.3%	2.2%	1.6%	2.6%
	2007	1.7%	2.4%	2.2%	4.2%	2.8%	3.4%	2.6%	2.4%	3.0%	1.4%	2.1%
	2008	0.9%	2.4%	2.5%	3.7%	2.8%	2.7%	3.3%	2.7%	1.7%	2.0%	2.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 495: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	366	36	5	20	6	12	24	14	18	7
	2005	2	447	44	7	23	15	14	26	19	23	9
	2006	2	515	49	3	27	17	10	36	26	16	11
	2007	2	511	50	9	17	18	11	22	25	23	11
	2008	3	518	41	7	29	15	11	32	29	29	10
	# Change 04-08	3	152	5	2	9	9	-1	8	15	11	3
	% Change 04-08	N/A	41.5%	13.9%	40.0%	45.0%	150.0%	-8.3%	33.3%	107.1%	61.1%	42.9%
Private Institutions	2004	35	192	21	11	15	0	10	37	0	24	0
	2005	40	190	32	6	18	0	7	34	2	20	0
	2006	30	197	30	5	13	0	11	34	0	23	0
	2007	27	198	37	9	17	0	15	37	0	11	0
	2008	29	174	28	4	14	0	8	43	0	9	0
	# Change 04-08	-6	-18	7	-7	-1	0	-2	6	0	-15	0
	% Change 04-08	-17.1%	-9.4%	33.3%	-63.6%	-6.7%	N/A	-20.0%	16.2%	N/A	-62.5%	N/A
All Institutions	2004	35	558	57	16	35	6	22	61	14	42	7
	2005	42	637	76	13	41	15	21	60	21	43	9
	2006	32	712	79	8	40	17	21	70	26	39	11
	2007	29	709	87	18	34	18	26	59	25	34	11
	2008	32	692	69	11	43	15	19	75	29	38	10
	# Change 04-08	-3	134	12	-5	8	9	-3	14	15	-4	3
	% Change 04-08	-8.6%	24.0%	21.1%	-31.3%	22.9%	150.0%	-13.6%	23.0%	107.1%	-9.5%	42.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 496: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	4.0%	4.7%	5.7%	5.0%	3.0%	4.9%	6.1%	6.3%	3.9%	3.2%
	2005	1.8%	4.4%	4.7%	6.2%	4.7%	6.3%	5.8%	5.5%	7.7%	4.6%	3.0%
	2006	1.6%	4.5%	4.7%	2.3%	4.7%	5.9%	3.6%	7.0%	8.3%	3.1%	3.4%
	2007	1.5%	4.1%	4.2%	6.2%	5.1%	5.7%	3.9%	4.3%	7.6%	4.1%	3.4%
	2008	1.9%	4.1%	3.7%	4.9%	4.8%	5.4%	3.5%	5.5%	9.7%	5.1%	2.6%
Private Institutions	2004	4.5%	3.4%	2.3%	7.3%	2.9%	0.0%	5.4%	3.5%	0.0%	5.9%	0.0%
	2005	4.9%	3.1%	3.5%	4.2%	3.5%	0.0%	3.8%	3.0%	4.9%	3.8%	0.0%
	2006	3.3%	3.0%	2.9%	3.8%	2.5%	0.0%	5.2%	2.8%	0.0%	4.5%	0.0%
	2007	2.9%	3.0%	3.6%	6.6%	3.2%	0.0%	7.7%	2.8%	0.0%	2.2%	0.0%
	2008	3.0%	2.6%	2.7%	2.8%	2.7%	0.0%	4.3%	3.2%	0.0%	1.9%	0.0%
All Institutions	2004	3.9%	3.8%	3.4%	6.7%	3.9%	2.5%	5.1%	4.2%	5.7%	4.8%	2.6%
	2005	4.5%	3.9%	4.1%	5.1%	4.1%	5.4%	5.0%	3.7%	7.3%	4.2%	2.8%
	2006	3.1%	3.9%	3.8%	3.1%	3.7%	5.3%	4.3%	4.0%	7.7%	3.8%	3.0%
	2007	2.7%	3.7%	3.9%	6.4%	3.9%	4.6%	5.4%	3.3%	6.9%	3.2%	3.1%
	2008	2.8%	3.6%	3.2%	3.8%	3.8%	4.7%	3.8%	3.9%	8.9%	3.6%	2.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 497: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics - Resident Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	833	396	1	0	0	4	13	0	36	0
	2005	1	775	400	2	0	0	3	15	0	25	0
	2006	3	751	393	3	0	1	4	15	0	25	0
	2007	1	837	454	2	0	2	4	18	0	32	0
	2008	3	799	381	1	0	3	2	23	0	24	0
	# Change 04-08	-1	-34	-15	0	0	3	-2	10	0	-12	0
	% Change 04-08	-25.0%	-4.1%	-3.8%	0.0%	N/A	N/A	-50.0%	76.9%	N/A	-33.3%	N/A
Private Institutions	2004	0	12	0	0	0	0	0	0	0	0	0
	2005	0	18	0	0	1	0	0	0	0	0	0
	2006	0	9	0	0	0	0	0	0	0	1	0
	2007	0	8	0	0	0	0	0	0	0	0	0
	2008	0	41	0	0	0	0	0	32	1	0	0
	# Change 04-08	0	29	0	0	0	0	0	32	1	0	0
	% Change 04-08	N/A	241.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	4	845	396	1	0	0	4	13	0	36	0
	2005	1	793	400	2	1	0	3	15	0	25	0
	2006	3	760	393	3	0	1	4	15	0	26	0
	2007	1	845	454	2	0	2	4	18	0	32	0
	2008	3	840	381	1	0	3	2	55	1	24	0
	# Change 04-08	-1	-5	-15	0	0	3	-2	42	1	-12	0
	% Change 04-08	-25.0%	-0.6%	-3.8%	0.0%	N/A	N/A	-50.0%	323.1%	N/A	-33.3%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 498: Associate's Degrees and Certificates Below Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2008	0.0%	0.1%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 499: Number of Bachelor's Degrees in Mathematics and Statistics - Resident Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	158	8,983	1,332	118	300	181	273	573	354	425	295
	2005	189	9,812	1,590	116	305	165	349	656	324	466	321
	2006	200	10,158	1,569	137	404	223	329	641	281	490	379
	2007	210	10,328	1,516	104	400	175	377	640	292	502	355
	2008	160	10,447	1,606	120	424	210	361	664	341	491	348
	# Change 04-08	2	1,464	274	2	124	29	88	91	-13	66	53
	% Change 04-08	1.3%	16.3%	20.6%	1.7%	41.3%	16.0%	32.2%	15.9%	-3.7%	15.5%	18.0%
Private Institutions	2004	526	5,366	253	99	356	174	86	706	160	528	124
	2005	517	5,516	322	86	371	180	100	710	150	568	101
	2006	540	5,705	339	90	379	196	104	803	145	555	96
	2007	611	5,904	310	117	409	185	101	747	160	573	111
	2008	600	5,916	302	123	421	193	107	892	167	631	121
	# Change 04-08	74	550	49	24	65	19	21	186	7	103	-3
	% Change 04-08	14.1%	10.2%	19.4%	24.2%	18.3%	10.9%	24.4%	26.3%	4.4%	19.5%	-2.4%
All Institutions	2004	684	14,349	1,585	217	656	355	359	1,279	514	953	419
	2005	706	15,328	1,912	202	676	345	449	1,366	474	1,034	422
	2006	740	15,863	1,908	227	783	419	433	1,444	426	1,045	475
	2007	821	16,232	1,826	221	809	360	478	1,387	452	1,075	466
	2008	760	16,363	1,908	243	845	403	468	1,556	508	1,122	469
	# Change 04-08	76	2,014	323	26	189	48	109	277	-6	169	50
	% Change 04-08	11.1%	14.0%	20.4%	12.0%	28.8%	13.5%	30.4%	21.7%	-1.2%	17.7%	11.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 500: Bachelor's Degrees in Mathematics and Statistics as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.0%	1.3%	1.4%	0.9%	1.0%	1.3%	1.3%	1.2%	1.1%	1.1%
	2005	1.3%	1.0%	1.5%	1.3%	1.0%	0.9%	1.5%	1.4%	1.1%	1.2%	1.1%
	2006	1.4%	1.0%	1.4%	1.4%	1.3%	1.2%	1.4%	1.4%	1.0%	1.2%	1.3%
	2007	1.4%	1.0%	1.3%	1.1%	1.2%	0.9%	1.6%	1.3%	1.0%	1.2%	1.2%
	2008	1.0%	1.0%	1.4%	1.2%	1.2%	1.1%	1.5%	1.4%	1.1%	1.2%	1.1%
Private Institutions	2004	1.6%	1.0%	0.7%	1.1%	1.2%	1.5%	1.0%	1.1%	1.2%	1.3%	1.4%
	2005	1.6%	1.0%	0.8%	1.0%	1.1%	1.5%	1.1%	1.1%	1.1%	1.4%	1.1%
	2006	1.6%	1.0%	0.9%	1.0%	1.0%	1.6%	1.2%	1.2%	1.1%	1.3%	0.9%
	2007	1.8%	1.0%	0.8%	1.3%	1.1%	1.5%	1.1%	1.1%	1.2%	1.3%	1.0%
	2008	1.7%	1.0%	0.7%	1.3%	1.1%	1.5%	1.1%	1.3%	1.2%	1.4%	1.1%
All Institutions	2004	1.5%	1.0%	1.1%	1.3%	1.1%	1.2%	1.2%	1.2%	1.2%	1.2%	1.1%
	2005	1.5%	1.0%	1.3%	1.2%	1.0%	1.1%	1.4%	1.2%	1.1%	1.3%	1.1%
	2006	1.5%	1.0%	1.3%	1.2%	1.1%	1.4%	1.4%	1.3%	1.0%	1.3%	1.2%
	2007	1.7%	1.0%	1.2%	1.2%	1.1%	1.1%	1.5%	1.2%	1.0%	1.3%	1.1%
	2008	1.5%	1.0%	1.2%	1.2%	1.2%	1.2%	1.4%	1.3%	1.1%	1.3%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 501: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics - Resident Students (MASSIP 2009 Indicator 22)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20	1,983	284	39	93	18	53	117	72	46	67
	2005	28	2,196	330	54	92	27	53	98	73	62	49
	2006	26	2,474	400	63	125	32	49	96	82	76	71
	2007	31	2,543	390	39	122	33	77	118	94	71	59
	2008	33	2,511	408	48	101	27	48	127	89	89	86
	# Change 04-08	13	528	124	9	8	9	-5	10	17	43	19
	% Change 04-08	65.0%	26.6%	43.7%	23.1%	8.6%	50.0%	-9.4%	8.5%	23.6%	93.5%	28.4%
Private Institutions	2004	62	587	26	12	65	0	7	219	11	48	2
	2005	69	674	53	17	76	0	15	200	14	75	1
	2006	60	682	57	20	71	0	13	215	9	53	2
	2007	73	759	38	19	85	0	34	224	19	50	2
	2008	66	813	43	29	82	0	29	276	19	43	3
	# Change 04-08	4	226	17	17	17	0	22	57	8	-5	1
	% Change 04-08	6.5%	38.5%	65.4%	141.7%	26.2%	N/A	314.3%	26.0%	72.7%	-10.4%	50.0%
All Institutions	2004	82	2,570	310	51	158	18	60	336	83	94	69
	2005	97	2,870	383	71	168	27	68	298	87	137	50
	2006	86	3,156	457	83	196	32	62	311	91	129	73
	2007	104	3,302	428	58	207	33	111	342	113	121	61
	2008	99	3,324	451	77	183	27	77	403	108	132	89
	# Change 04-08	17	754	141	26	25	9	17	67	25	38	20
	% Change 04-08	20.7%	29.3%	45.5%	51.0%	15.8%	50.0%	28.3%	19.9%	30.1%	40.4%	29.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 502: Certificates Above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 22)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.8%	1.3%	1.3%	1.0%	0.5%	0.9%	0.7%	1.0%	0.5%	0.8%
	2005	0.6%	0.8%	1.4%	1.6%	1.0%	0.6%	0.9%	0.6%	0.9%	0.7%	0.5%
	2006	0.5%	0.9%	1.6%	1.9%	1.3%	0.7%	0.8%	0.6%	1.0%	0.8%	0.7%
	2007	0.6%	0.9%	1.6%	1.2%	1.2%	0.7%	1.2%	0.7%	1.1%	0.7%	0.6%
	2008	0.6%	0.9%	1.5%	1.3%	1.0%	0.6%	0.8%	0.8%	1.0%	0.9%	0.8%
Private Institutions	2004	0.3%	0.2%	0.1%	0.2%	0.3%	0.0%	0.1%	0.5%	0.4%	0.3%	0.1%
	2005	0.3%	0.2%	0.2%	0.3%	0.3%	0.0%	0.3%	0.5%	0.5%	0.5%	0.0%
	2006	0.3%	0.2%	0.2%	0.4%	0.3%	0.0%	0.2%	0.5%	0.3%	0.3%	0.1%
	2007	0.4%	0.2%	0.1%	0.4%	0.3%	0.0%	0.6%	0.5%	0.5%	0.3%	0.1%
	2008	0.3%	0.3%	0.1%	0.6%	0.3%	0.0%	0.5%	0.7%	0.5%	0.2%	0.1%
All Institutions	2004	0.3%	0.5%	0.6%	0.6%	0.5%	0.2%	0.6%	0.6%	0.8%	0.4%	0.6%
	2005	0.4%	0.5%	0.7%	0.8%	0.5%	0.2%	0.6%	0.5%	0.8%	0.5%	0.4%
	2006	0.3%	0.6%	0.8%	1.0%	0.6%	0.2%	0.5%	0.5%	0.8%	0.5%	0.6%
	2007	0.4%	0.6%	0.8%	0.7%	0.6%	0.2%	0.9%	0.6%	0.9%	0.4%	0.4%
	2008	0.4%	0.6%	0.8%	0.9%	0.5%	0.1%	0.6%	0.7%	0.9%	0.5%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 503: Number of Doctor's and First Professional Degrees in Mathematics and Statistics - Resident Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	324	56	2	10	4	7	15	23	7	16
	2005	4	402	62	0	11	4	13	17	19	16	13
	2006	0	385	70	2	13	4	7	14	16	9	11
	2007	1	464	82	5	34	12	4	18	20	9	13
	2008	5	482	87	1	14	7	11	22	27	12	12
	# Change 04-08	2	158	31	-1	4	3	4	7	4	5	-4
	% Change 04-08	66.7%	48.8%	55.4%	-50.0%	40.0%	75.0%	57.1%	46.7%	17.4%	71.4%	-25.0%
Private Institutions	2004	28	179	23	3	26	0	6	31	7	9	0
	2005	18	138	11	6	9	0	4	24	11	8	0
	2006	29	199	20	4	24	0	5	44	10	16	0
	2007	17	180	24	5	22	0	5	33	9	9	0
	2008	23	188	21	4	22	0	2	32	12	11	0
	# Change 04-08	-5	9	-2	1	-4	0	-4	1	5	2	0
	% Change 04-08	-17.9%	5.0%	-8.7%	33.3%	-15.4%	N/A	-66.7%	3.2%	71.4%	22.2%	N/A
All Institutions	2004	31	503	79	5	36	4	13	46	30	16	16
	2005	22	540	73	6	20	4	17	41	30	24	13
	2006	29	584	90	6	37	4	12	58	26	25	11
	2007	18	644	106	10	56	12	9	51	29	18	13
	2008	28	670	108	5	36	7	13	54	39	23	12
	# Change 04-08	-3	167	29	0	0	3	0	8	9	7	-4
	% Change 04-08	-9.7%	33.2%	36.7%	0.0%	0.0%	75.0%	0.0%	17.4%	30.0%	43.8%	-25.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 504: Doctor's and First Professional Degrees in Mathematics and Statistics as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 22)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.7%	0.6%	1.2%	0.4%	0.6%	0.4%	0.4%	0.7%	1.5%	0.3%	0.7%
	2005	1.0%	0.7%	1.4%	0.0%	0.6%	0.3%	0.9%	0.8%	1.2%	0.6%	0.6%
	2006	0.0%	0.7%	1.5%	0.3%	0.7%	0.3%	0.5%	0.7%	1.0%	0.3%	0.5%
	2007	0.2%	0.8%	1.7%	0.8%	1.6%	0.9%	0.3%	0.8%	1.2%	0.3%	0.6%
	2008	1.3%	0.8%	1.7%	0.2%	0.7%	0.5%	0.6%	1.0%	1.5%	0.4%	0.5%
Private Institutions	2004	0.5%	0.3%	0.3%	0.3%	0.6%	0.0%	0.7%	0.3%	0.5%	0.2%	0.0%
	2005	0.3%	0.2%	0.1%	0.7%	0.2%	0.0%	0.4%	0.3%	0.8%	0.2%	0.0%
	2006	0.5%	0.3%	0.2%	0.4%	0.5%	0.0%	0.5%	0.5%	0.7%	0.4%	0.0%
	2007	0.3%	0.2%	0.3%	0.5%	0.5%	0.0%	0.5%	0.4%	0.6%	0.2%	0.0%
	2008	0.4%	0.3%	0.2%	0.5%	0.5%	0.0%	0.2%	0.3%	0.8%	0.2%	0.0%
All Institutions	2004	0.5%	0.4%	0.6%	0.4%	0.6%	0.2%	0.5%	0.4%	1.0%	0.2%	0.5%
	2005	0.4%	0.4%	0.5%	0.4%	0.3%	0.1%	0.7%	0.4%	1.0%	0.3%	0.4%
	2006	0.5%	0.5%	0.7%	0.4%	0.6%	0.1%	0.5%	0.5%	0.9%	0.3%	0.3%
	2007	0.3%	0.5%	0.8%	0.7%	0.8%	0.3%	0.4%	0.4%	0.9%	0.2%	0.3%
	2008	0.4%	0.5%	0.8%	0.3%	0.5%	0.2%	0.5%	0.5%	1.2%	0.3%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

In 2008, 0.0% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Mathematics and Statistics. This percentage was lower than the national average (0.1%) and lower than in two of the nine comparison states (California had the highest percentage at 0.2%). Among female students in Massachusetts, the percentage was 0.0%. This was equal to the national average among female students (0.0%) but lower than in one of the comparison states (California had the highest percentage among female students at 0.1%). Among male students in Massachusetts, the percentage was 0.0%. This was lower than the national average among male students (0.1%) and lower than in three of the comparison states (California had the highest percentage among male students at 0.4%). Among Asian students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Asian students (0.2%) and lower than in three of the comparison states (Pennsylvania had the highest percentage among Asian students at 0.4%). Among Black students in Massachusetts, the percentage was 0.0%. This was equal to the national average among Black students (0.0%) but lower than in two of the comparison states (California and New York had the highest percentage among Black students at 0.1%). Among Hispanic students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Hispanic students (0.1%) and lower than in three of the comparison states (California, Connecticut and New York had the highest percentage among Hispanic students at 0.1%). Among White students in Massachusetts, the percentage was 0.0%. This was equal to the national average among White students (0.0%) but lower than in one of the comparison states (California had the highest percentage among White students at 0.2%).

In 2008, female students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 31.8% for degrees earned by female students and lower than the percentage in three of the nine comparison states (Pennsylvania had the highest percentage of degrees earned by female students at 50.0%). Male students earned 100.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 68.2% for degrees earned by male students and higher than the percentage in three of the comparison states (Massachusetts, Connecticut, Minnesota, New Jersey, and North Carolina had the highest percentage of degrees earned by male students at 100.0%). Asian students earned 33.3% of the Associate's Degrees and Certificates below Bachelor's Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 14.9% for degrees earned by Asian students and higher than the percentage in all of the comparison states. Black students earned 33.3% of the Associate's Degrees and Certificates below Bachelor's Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 5.0% for degrees earned by Black students and higher than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 100.0%). Hispanic students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 19.2% for degrees earned by Hispanic students and lower than the percentage in four of the comparison states (Connecticut had the highest percentage of degrees earned by Hispanic students at 100.0%). White students earned 33.3% of the Associate's Degrees and Certificates below Bachelor's Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 46.1% for degrees earned by White students and lower than the percentage in four of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 100.0%).

In 2008, 1.5% of all Bachelor's degrees granted in Massachusetts were in Mathematics and Statistics. This percentage was higher than the national average (1.0%) and higher than the percentage in all of the nine comparison states. Among female students in Massachusetts, the percentage was 1.2%. This was higher than the national average among female students (0.8%) and higher than in eight of the comparison states (New Jersey had the highest percentage among female students at 1.4%). Among male students in Massachusetts, the percentage was 2.0%. This was higher than the national



average among male students (1.4%) and higher than in all of the comparison states. Among Asian students in Massachusetts, the percentage was 2.8%. This was higher than the national average among Asian students (1.5%) and higher than in all of the comparison states. Among Black students in Massachusetts, the percentage was 0.8%. This was higher than the national average among Black students (0.6%) and higher than in six of the comparison states (Massachusetts, Connecticut, New Jersey, and North Carolina had the highest percentage among Black students at 0.8%). Among Hispanic students in Massachusetts, the percentage was 1.1%. This was higher than the national average among Hispanic students (0.7%) and higher than in eight of the comparison states (Massachusetts and Minnesota had the highest percentage among Hispanic students at 1.1%). Among White students in Massachusetts, the percentage was 1.5%. This was higher than the national average among White students (1.1%) and higher than in eight of the comparison states (Massachusetts and New Jersey had the highest percentage among White students at 1.5%).

In 2008, female students earned 45.4% of the Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 43.3% for degrees earned by female students and higher than the percentage in six of the nine comparison states (New Jersey had the highest percentage of degrees earned by female students at 58.2%). Male students earned 54.6% of the Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 56.7% for degrees earned by male students and lower than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by male students at 64.3%). Asian students earned 13.0% of the Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 9.7% for degrees earned by Asian students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Asian students at 27.5%). Black students earned 2.9% of the Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 4.7% for degrees earned by Black students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 13.4%). Hispanic students earned 3.6% of the Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 5.7% for degrees earned by Hispanic students but higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 13.5%). White students earned 63.9% of the Bachelor's degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 68.6% for degrees earned by White students and lower than the percentage in seven of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 83.3%).

In 2008, 0.4% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Mathematics and Statistics. This percentage was lower than the national average (0.8%) and lower than the percentage in eight of the nine comparison states (Connecticut had the highest percentage at 1.3%). Among female students in Massachusetts, the percentage was 0.3%. This was lower than the national average among female students (0.5%) and lower than in eight of the comparison states (Connecticut had the highest percentage among female students at 0.9%). Among male students in Massachusetts, the percentage was 0.7%. This was lower than the national average among male students (1.1%) and lower than in eight of the comparison states (Connecticut had the highest percentage among male students at 1.9%). Among Asian students in Massachusetts, the percentage was 0.7%. This was lower than the national average among Asian students (1.1%) and lower than in eight of the comparison states (New Jersey had the highest percentage among Asian students at 2.4%). Among Black students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Black students (0.3%) and lower than in seven of the comparison states (Connecticut had the highest percentage among Black students at 0.9%). Among Hispanic students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Hispanic students (0.5%) and lower than in eight of the comparison states (North Carolina had the highest percentage among Hispanic students at 1.2%). Among White students in Massachusetts, the percentage was 0.5%. This was lower than the national average among White students (0.6%) and lower than in five of the comparison states (North Carolina had the highest



percentage among White students at 0.9%).

In 2008, female students earned 43.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 42.1% for degrees earned by female students but lower than the percentage in five of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 60.3%). Male students earned 57.0% of the Certificates above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 57.9% for degrees earned by male students but higher than the percentage in five of the comparison states (Illinois had the highest percentage of degrees earned by male students at 63.9%). Asian students earned 8.5% of the Certificates above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 7.7% for degrees earned by Asian students and higher than the percentage in six of the comparison states (New Jersey had the highest percentage of degrees earned by Asian students at 16.8%). Black students earned 0.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 3.1% for degrees earned by Black students and lower than the percentage in eight of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 12.6%). Hispanic students earned 0.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 3.6% for degrees earned by Hispanic students and lower than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 6.7%). White students earned 54.2% of the Certificates above Bachelor's Degrees and Master's Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 43.4% for degrees earned by White students and higher than the percentage in eight of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 63.0%).

In 2008, 0.8% of all Doctor's and First Professional Degrees granted in Massachusetts were in Mathematics and Statistics. This percentage was lower than the national average (0.9%) and lower than the percentage in six of the nine comparison states (North Carolina had the highest percentage at 1.9%). Among female students in Massachusetts, the percentage was 0.5%. This was equal to the national average among female students (0.5%) but lower than in three of the comparison states (North Carolina had the highest percentage among female students at 1.6%). Among male students in Massachusetts, the percentage was 1.1%. This was lower than the national average among male students (1.2%) and lower than in six of the comparison states (North Carolina had the highest percentage among male students at 2.2%). Among Asian students in Massachusetts, the percentage was 0.2%. This was lower than the national average among Asian students (0.4%) and lower than in six of the comparison states (North Carolina had the highest percentage among Asian students at 2.6%). Among Black students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Black students (0.2%) and lower than in five of the comparison states (Illinois had the highest percentage among Black students at 0.5%). Among Hispanic students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Hispanic students (0.4%) and lower than in five of the comparison states (North Carolina had the highest percentage among Hispanic students at 1.2%). Among White students in Massachusetts, the percentage was 0.5%. This was equal to the national average among White students (0.5%) but lower than in four of the comparison states (North Carolina had the highest percentage among White students at 1.3%).

In 2008, female students earned 30.0% of the Doctor's and First Professional Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 31.1% for degrees earned by female students but higher than the percentage in five of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 50.0%). Male students earned 70.0% of the Doctor's and First Professional Degrees in Mathematics and Statistics granted in Massachusetts. This was higher than the national average of 68.9% for degrees earned by male



students but lower than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by male students at 77.3%). Asian students earned 3.3% of the Doctor's and First Professional Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 3.9% for degrees earned by Asian students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Asian students at 8.8%). Black students earned 0.0% of the Doctor's and First Professional Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 1.6% for degrees earned by Black students and lower than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 4.5%). Hispanic students earned 0.0% of the Doctor's and First Professional Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 2.1% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by Hispanic students at 4.5%). White students earned 31.7% of the Doctor's and First Professional Degrees in Mathematics and Statistics granted in Massachusetts. This was lower than the national average of 35.8% for degrees earned by White students and lower than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by White students at 50.0%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.



Indicator 23: Number of college students who complete degrees in Physical Sciences

Table III - 505: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25	1,749	475	0	0	4	68	25	11	22	180
	2005	11	1,792	319	1	0	2	67	29	18	25	181
	2006	11	2,049	416	6	0	5	71	36	18	62	190
	2007	15	2,198	422	0	0	4	86	45	17	79	196
	2008	4	2,184	447	1	0	5	97	34	23	91	164
	# Change 04-08	-21	435	-28	1	0	1	29	9	12	69	-16
	% Change 04-08	-84.0%	24.9%	-5.9%	N/A	N/A	25.0%	42.6%	36.0%	109.1%	313.6%	-8.9%
Private Institutions	2004	0	42	0	0	0	0	0	0	0	5	0
	2005	0	41	0	0	0	0	0	0	0	0	0
	2006	0	18	0	0	0	0	0	0	0	9	0
	2007	0	29	0	0	0	0	0	2	0	6	0
	2008	0	30	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	-12	0	0	0	0	0	0	0	-3	0
	% Change 04-08	N/A	-28.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-60.0%	N/A
All Institutions	2004	25	1,791	475	0	0	4	68	25	11	27	180
	2005	11	1,833	319	1	0	2	67	29	18	25	181
	2006	11	2,067	416	6	0	5	71	36	18	71	190
	2007	15	2,227	422	0	0	4	86	47	17	85	196
	2008	4	2,214	447	1	0	5	97	34	23	93	164
	# Change 04-08	-21	423	-28	1	0	1	29	9	12	66	-16
	% Change 04-08	-84.0%	23.6%	-5.9%	N/A	N/A	25.0%	42.6%	36.0%	109.1%	244.4%	-8.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 506: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.5%	0.1%	0.0%	0.1%	1.2%
	2005	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.1%	0.1%	0.1%	1.2%
	2006	0.1%	0.2%	0.3%	0.1%	0.0%	0.0%	0.5%	0.1%	0.1%	0.3%	1.2%
	2007	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.5%	0.1%	0.1%	0.4%	1.2%
	2008	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.6%	0.1%	0.1%	0.4%	0.9%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2005	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2006	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2007	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.7%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.2%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 507: Number of Bachelor's Degrees in Physical Sciences - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	172	12,592	1,315	110	378	290	235	736	656	641	539
	2005	192	13,377	1,499	138	397	290	236	830	644	701	604
	2006	175	14,311	1,604	110	425	334	248	882	584	743	534
	2007	194	14,869	1,675	125	498	348	279	980	713	729	654
	2008	200	15,508	1,825	117	499	361	300	1,003	754	859	610
	# Change 04-08	28	2,916	510	7	121	71	65	267	98	218	71
	% Change 04-08	16.3%	23.2%	38.8%	6.4%	32.0%	24.5%	27.7%	36.3%	14.9%	34.0%	13.2%
Private Institutions	2004	635	6,827	386	106	365	272	100	694	198	643	103
	2005	624	7,014	419	123	363	314	107	717	161	676	132
	2006	716	7,383	430	138	399	338	119	830	197	768	134
	2007	642	7,605	400	166	425	330	145	816	190	802	122
	2008	729	7,780	420	169	470	349	122	894	197	772	126
	# Change 04-08	94	953	34	63	105	77	22	200	-1	129	23
	% Change 04-08	14.8%	14.0%	8.8%	59.4%	28.8%	28.3%	22.0%	28.8%	-0.5%	20.1%	22.3%
All Institutions	2004	807	19,419	1,701	216	743	562	335	1,430	854	1,284	642
	2005	816	20,391	1,918	261	760	604	343	1,547	805	1,377	736
	2006	891	21,694	2,034	248	824	672	367	1,712	781	1,511	668
	2007	836	22,474	2,075	291	923	678	424	1,796	903	1,531	776
	2008	929	23,288	2,245	286	969	710	422	1,897	951	1,631	736
	# Change 04-08	122	3,869	544	70	226	148	87	467	97	347	94
	% Change 04-08	15.1%	19.9%	32.0%	32.4%	30.4%	26.3%	26.0%	32.7%	11.4%	27.0%	14.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 508: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.3%	1.2%	1.3%	1.2%	1.6%	1.1%	1.6%	2.2%	1.7%	1.9%
	2005	1.3%	1.4%	1.3%	1.5%	1.2%	1.5%	1.0%	1.7%	2.2%	1.7%	2.1%
	2006	1.2%	1.4%	1.4%	1.1%	1.3%	1.7%	1.0%	1.8%	2.0%	1.8%	1.7%
	2007	1.3%	1.5%	1.4%	1.3%	1.5%	1.8%	1.2%	1.9%	2.3%	1.7%	2.1%
	2008	1.3%	1.5%	1.5%	1.1%	1.4%	1.8%	1.2%	1.9%	2.3%	2.0%	1.9%
Private Institutions	2004	1.8%	1.3%	1.0%	1.1%	1.2%	2.4%	1.1%	1.0%	1.4%	1.5%	1.1%
	2005	1.8%	1.3%	1.0%	1.4%	1.1%	2.6%	1.2%	1.0%	1.2%	1.6%	1.4%
	2006	2.0%	1.3%	1.0%	1.5%	1.0%	2.7%	1.3%	1.2%	1.5%	1.7%	1.3%
	2007	1.7%	1.3%	0.9%	1.7%	1.1%	2.6%	1.6%	1.1%	1.4%	1.8%	1.1%
	2008	1.9%	1.3%	1.0%	1.7%	1.2%	2.6%	1.2%	1.2%	1.4%	1.7%	1.1%
All Institutions	2004	1.6%	1.3%	1.1%	1.2%	1.2%	1.9%	1.1%	1.3%	2.0%	1.6%	1.7%
	2005	1.6%	1.3%	1.2%	1.5%	1.1%	1.9%	1.1%	1.3%	1.9%	1.7%	1.9%
	2006	1.7%	1.4%	1.3%	1.3%	1.2%	2.1%	1.1%	1.5%	1.8%	1.8%	1.6%
	2007	1.6%	1.4%	1.3%	1.5%	1.3%	2.1%	1.3%	1.5%	2.0%	1.8%	1.8%
	2008	1.7%	1.4%	1.4%	1.4%	1.3%	2.1%	1.2%	1.5%	2.0%	1.9%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 509: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	103	4,228	539	37	175	42	35	154	152	136	114
	2005	71	4,446	683	45	145	33	46	186	138	161	121
	2006	84	4,564	618	31	153	53	46	161	156	172	135
	2007	68	4,463	584	43	173	41	52	149	137	145	107
	2008	66	4,548	602	35	211	66	58	150	150	130	136
	# Change 04-08	-37	320	63	-2	36	24	23	-4	-2	-6	22
	% Change 04-08	-35.9%	7.6%	11.7%	-5.4%	20.6%	57.1%	65.7%	-2.6%	-1.3%	-4.4%	19.3%
Private Institutions	2004	176	1,515	133	57	120	0	76	331	22	138	1
	2005	167	1,549	98	99	101	0	68	370	21	133	1
	2006	217	1,645	97	113	105	0	59	379	11	140	1
	2007	193	1,561	108	94	104	0	75	308	14	169	2
	2008	231	1,658	101	98	88	0	114	351	20	149	3
	# Change 04-08	55	143	-32	41	-32	0	38	20	-2	11	2
	% Change 04-08	31.3%	9.4%	-24.1%	71.9%	-26.7%	N/A	50.0%	6.0%	-9.1%	8.0%	200.0%
All Institutions	2004	279	5,743	672	94	295	42	111	485	174	274	115
	2005	238	5,995	781	144	246	33	114	556	159	294	122
	2006	301	6,209	715	144	258	53	105	540	167	312	136
	2007	261	6,024	692	137	277	41	127	457	151	314	109
	2008	297	6,206	703	133	299	66	172	501	170	279	139
	# Change 04-08	18	463	31	39	4	24	61	16	-4	5	24
	% Change 04-08	6.5%	8.1%	4.6%	41.5%	1.4%	57.1%	55.0%	3.3%	-2.3%	1.8%	20.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 510: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.0%	1.4%	2.1%	1.1%	1.5%	1.0%	0.5%	0.8%	1.8%	1.4%	1.2%
	2005	1.3%	1.4%	2.5%	1.2%	1.2%	0.7%	0.6%	1.0%	1.6%	1.6%	1.1%
	2006	1.6%	1.5%	2.2%	0.8%	1.3%	1.0%	0.6%	0.8%	1.7%	1.7%	1.2%
	2007	1.2%	1.4%	2.1%	1.2%	1.5%	0.8%	0.7%	0.8%	1.5%	1.4%	1.0%
	2008	1.1%	1.4%	2.0%	0.9%	1.7%	1.2%	0.8%	0.8%	1.5%	1.2%	1.2%
Private Institutions	2004	0.7%	0.5%	0.4%	1.0%	0.5%	0.0%	1.3%	0.7%	0.7%	0.8%	0.0%
	2005	0.7%	0.5%	0.3%	1.6%	0.4%	0.0%	1.1%	0.8%	0.7%	0.7%	0.0%
	2006	0.9%	0.5%	0.3%	1.8%	0.4%	0.0%	0.9%	0.8%	0.3%	0.7%	0.0%
	2007	0.8%	0.5%	0.3%	1.5%	0.4%	0.0%	1.1%	0.6%	0.4%	0.8%	0.1%
	2008	0.9%	0.5%	0.3%	1.6%	0.3%	0.0%	1.6%	0.7%	0.5%	0.7%	0.1%
All Institutions	2004	0.9%	1.0%	1.1%	1.0%	0.8%	0.3%	0.9%	0.7%	1.5%	1.0%	0.9%
	2005	0.8%	1.0%	1.3%	1.4%	0.6%	0.2%	0.9%	0.8%	1.4%	1.0%	0.9%
	2006	1.0%	1.0%	1.1%	1.5%	0.6%	0.3%	0.8%	0.8%	1.3%	1.1%	1.0%
	2007	0.9%	0.9%	1.1%	1.4%	0.7%	0.2%	0.9%	0.7%	1.2%	1.0%	0.7%
	2008	0.9%	1.0%	1.1%	1.0%	0.8%	0.3%	0.9%	0.7%	1.5%	1.0%	0.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 511: Number of Doctor's and First Professional Degrees in Physical Sciences - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	49	2,707	342	18	83	52	55	114	82	101	62
	2005	52	2,852	404	20	108	55	38	115	67	113	69
	2006	59	3,195	433	35	147	57	51	106	73	115	76
	2007	52	3,450	457	35	121	69	46	164	99	118	89
	2008	43	3,379	465	31	112	59	47	135	72	122	84
	# Change 04-08	-6	672	123	13	29	7	-8	21	-10	21	22
	% Change 04-08	-12.2%	24.8%	36.0%	72.2%	34.9%	13.5%	-14.5%	18.4%	-12.2%	20.8%	35.5%
Private Institutions	2004	217	1,118	180	45	67	0	60	197	32	73	0
	2005	237	1,270	212	34	103	0	64	228	38	80	1
	2006	252	1,309	217	32	111	0	64	206	39	95	1
	2007	305	1,406	203	41	93	0	64	216	39	91	2
	2008	283	1,446	206	54	108	0	65	251	34	97	4
	# Change 04-08	66	328	26	9	41	0	5	54	2	24	4
	% Change 04-08	30.4%	29.3%	14.4%	20.0%	61.2%	N/A	8.3%	27.4%	6.3%	32.9%	N/A
All Institutions	2004	266	3,825	522	63	150	52	115	311	114	174	62
	2005	289	4,122	616	54	211	55	102	343	105	193	70
	2006	311	4,504	650	67	258	57	115	312	112	210	77
	2007	357	4,856	660	76	214	69	110	380	138	209	91
	2008	326	4,825	671	85	220	59	112	386	106	219	88
	# Change 04-08	60	1,000	149	22	70	7	-3	75	-8	45	26
	% Change 04-08	22.6%	26.1%	28.5%	34.9%	46.7%	13.5%	-2.6%	24.1%	-7.0%	25.9%	41.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 512: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	9.1%	4.2%	6.4%	2.9%	3.8%	4.0%	3.0%	4.6%	4.6%	3.3%	2.5%
	2005	9.8%	4.2%	7.5%	3.0%	4.6%	3.8%	2.1%	4.5%	3.6%	3.7%	2.7%
	2006	12.1%	4.5%	7.6%	4.5%	6.0%	3.7%	2.9%	4.0%	3.8%	3.6%	2.9%
	2007	9.2%	4.7%	7.6%	4.7%	4.8%	4.1%	2.5%	6.2%	5.0%	3.6%	3.4%
	2008	8.0%	4.4%	7.3%	4.3%	4.3%	3.8%	2.3%	4.9%	3.4%	3.6%	3.0%
Private Institutions	2004	3.5%	1.6%	2.0%	4.3%	1.4%	0.0%	5.9%	2.0%	2.4%	1.7%	0.0%
	2005	3.7%	1.7%	2.2%	3.3%	2.1%	0.0%	5.4%	2.2%	2.7%	1.7%	0.1%
	2006	3.7%	1.7%	2.3%	3.1%	2.2%	0.0%	5.7%	2.0%	2.8%	1.9%	0.1%
	2007	4.2%	1.8%	2.0%	3.9%	1.7%	0.0%	5.5%	2.0%	2.5%	1.8%	0.1%
	2008	4.1%	1.8%	2.0%	5.3%	2.0%	0.0%	6.1%	2.3%	2.2%	1.8%	0.2%
All Institutions	2004	4.0%	2.9%	3.7%	3.8%	2.2%	1.9%	4.0%	2.5%	3.6%	2.4%	1.7%
	2005	4.1%	2.9%	4.1%	3.2%	2.9%	1.8%	3.4%	2.6%	3.2%	2.4%	1.8%
	2006	4.2%	3.1%	4.3%	3.7%	3.4%	1.7%	4.0%	2.4%	3.4%	2.6%	1.9%
	2007	4.6%	3.2%	4.1%	4.2%	2.7%	1.8%	3.6%	2.9%	3.9%	2.5%	2.1%
	2008	4.4%	3.1%	4.1%	4.9%	2.8%	1.5%	3.6%	2.8%	2.9%	2.5%	1.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 513: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences – Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	765	204	0	0	1	37	13	4	7	128
	2005	6	710	126	0	0	0	28	7	6	11	126
	2006	4	847	182	4	0	0	37	17	10	30	131
	2007	1	924	189	0	0	0	38	24	3	40	122
	2008	2	898	195	0	0	1	46	10	9	47	110
	# Change 04-08	-3	133	-9	0	0	0	9	-3	5	40	-18
	% Change 04-08	-60.0%	17.4%	-4.4%	N/A	N/A	0.0%	24.3%	-23.1%	125.0%	571.4%	-14.1%
Private Institutions	2004	0	22	0	0	0	0	0	0	0	0	0
	2005	0	25	0	0	0	0	0	0	0	0	0
	2006	0	8	0	0	0	0	0	0	0	5	0
	2007	0	20	0	0	0	0	0	2	0	5	0
	2008	0	18	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-4	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-18.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	5	787	204	0	0	1	37	13	4	7	128
	2005	6	735	126	0	0	0	28	7	6	11	126
	2006	4	855	182	4	0	0	37	17	10	35	131
	2007	1	944	189	0	0	0	38	26	3	45	122
	2008	2	916	195	0	0	1	46	10	9	47	110
	# Change 04-08	-3	129	-9	0	0	0	9	-3	5	40	-18
	% Change 04-08	-60.0%	16.4%	-4.4%	N/A	N/A	0.0%	24.3%	-23.1%	125.0%	571.4%	-14.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 514: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.1%	0.3%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.1%	1.3%
	2005	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	1.3%
	2006	0.1%	0.1%	0.2%	0.1%	0.0%	0.0%	0.4%	0.1%	0.1%	0.2%	1.3%
	2007	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.3%	1.2%
	2008	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.4%	1.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.8%
	2005	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.7%
	2006	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2007	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2008	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 515: Number of Bachelor's Degrees in Physical Sciences - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	73	5,131	523	48	148	120	107	288	298	246	255
	2005	78	5,518	619	54	166	114	96	322	283	251	269
	2006	74	5,785	655	43	162	113	106	342	259	252	228
	2007	72	5,984	704	62	179	131	117	361	306	261	285
	2008	81	6,231	777	51	188	124	116	391	342	311	258
	# Change 04-08	8	1,100	254	3	40	4	9	103	44	65	3
	% Change 04-08	11.0%	21.4%	48.6%	6.3%	27.0%	3.3%	8.4%	35.8%	14.8%	26.4%	1.2%
Private Institutions	2004	304	3,071	178	52	143	106	43	288	82	283	49
	2005	290	3,163	176	65	156	124	52	305	73	300	62
	2006	351	3,366	183	64	164	141	46	353	100	353	67
	2007	287	3,227	155	63	165	122	57	314	81	337	69
	2008	345	3,300	167	75	185	132	48	366	90	357	68
	# Change 04-08	41	229	-11	23	42	26	5	78	8	74	19
	% Change 04-08	13.5%	7.5%	-6.2%	44.2%	29.4%	24.5%	11.6%	27.1%	9.8%	26.1%	38.8%
All Institutions	2004	377	8,202	701	100	291	226	150	576	380	529	304
	2005	368	8,681	795	119	322	238	148	627	356	551	331
	2006	425	9,151	838	107	326	254	152	695	359	605	295
	2007	359	9,211	859	125	344	253	174	675	387	598	354
	2008	426	9,531	944	126	373	256	164	757	432	668	326
	# Change 04-08	49	1,329	243	26	82	30	14	181	52	139	22
	% Change 04-08	13.0%	16.2%	34.7%	26.0%	28.2%	13.3%	9.3%	31.4%	13.7%	26.3%	7.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 516: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	0.9%	0.8%	1.0%	0.8%	1.2%	0.8%	1.1%	1.8%	1.1%	1.5%
	2005	0.9%	1.0%	0.9%	1.1%	0.9%	1.1%	0.7%	1.1%	1.7%	1.1%	1.6%
	2006	0.9%	1.0%	1.0%	0.8%	0.9%	1.0%	0.8%	1.2%	1.5%	1.1%	1.3%
	2007	0.8%	1.0%	1.0%	1.1%	1.0%	1.2%	0.9%	1.2%	1.7%	1.1%	1.6%
	2008	0.9%	1.1%	1.1%	0.9%	1.0%	1.1%	0.8%	1.3%	1.8%	1.4%	1.4%
Private Institutions	2004	1.5%	1.0%	0.8%	1.0%	0.8%	1.5%	0.8%	0.7%	1.0%	1.2%	0.9%
	2005	1.4%	1.0%	0.8%	1.3%	0.8%	1.7%	1.0%	0.8%	0.9%	1.2%	1.0%
	2006	1.6%	1.0%	0.8%	1.2%	0.7%	1.9%	0.9%	0.9%	1.2%	1.4%	1.0%
	2007	1.3%	0.9%	0.6%	1.1%	0.7%	1.6%	1.1%	0.8%	0.9%	1.3%	1.0%
	2008	1.5%	0.9%	0.7%	1.3%	0.8%	1.7%	0.8%	0.9%	1.0%	1.3%	1.0%
All Institutions	2004	1.3%	1.0%	0.8%	1.0%	0.8%	1.3%	0.8%	0.9%	1.5%	1.2%	1.4%
	2005	1.3%	1.0%	0.9%	1.2%	0.8%	1.3%	0.8%	0.9%	1.4%	1.2%	1.5%
	2006	1.4%	1.0%	0.9%	1.0%	0.8%	1.4%	0.8%	1.0%	1.4%	1.2%	1.2%
	2007	1.2%	1.0%	0.9%	1.1%	0.8%	1.3%	0.9%	1.0%	1.5%	1.2%	1.4%
	2008	1.4%	1.0%	1.0%	1.1%	0.9%	1.3%	0.8%	1.0%	1.6%	1.3%	1.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 517: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	41	1,647	172	22	63	17	13	64	60	57	42
	2005	34	1,705	215	22	47	13	18	67	58	52	48
	2006	39	1,783	214	16	56	20	20	45	70	59	50
	2007	23	1,718	222	21	70	17	14	61	59	48	35
	2008	24	1,692	201	18	66	25	29	49	59	41	50
	# Change 04-08	-17	45	29	-4	3	8	16	-15	-1	-16	8
	% Change 04-08	-41.5%	2.7%	16.9%	-18.2%	4.8%	47.1%	123.1%	-23.4%	-1.7%	-28.1%	19.0%
Private Institutions	2004	77	599	49	19	41	0	30	102	14	62	0
	2005	53	602	42	48	36	0	29	128	5	54	0
	2006	88	651	33	47	33	0	24	154	5	63	0
	2007	77	632	45	33	38	0	29	116	8	70	2
	2008	82	661	46	30	28	0	43	139	12	68	2
	# Change 04-08	5	62	-3	11	-13	0	13	37	-2	6	2
	% Change 04-08	6.5%	10.4%	-6.1%	57.9%	-31.7%	N/A	43.3%	36.3%	-14.3%	9.7%	N/A
All Institutions	2004	118	2,246	221	41	104	17	43	166	74	119	42
	2005	87	2,307	257	70	83	13	47	195	63	106	48
	2006	127	2,434	247	63	89	20	44	199	75	122	50
	2007	100	2,350	267	54	108	17	43	177	67	118	37
	2008	106	2,353	247	48	94	25	72	188	71	109	52
	# Change 04-08	-12	107	26	7	-10	8	29	22	-3	-10	10
	% Change 04-08	-10.2%	4.8%	11.8%	17.1%	-9.6%	47.1%	67.4%	13.3%	-4.1%	-8.4%	23.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 518: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	0.9%	1.1%	1.0%	0.9%	0.7%	0.3%	0.5%	1.2%	0.9%	0.7%
	2005	1.0%	0.9%	1.4%	0.9%	0.7%	0.4%	0.4%	0.6%	1.1%	0.9%	0.8%
	2006	1.1%	0.9%	1.3%	0.6%	0.8%	0.7%	0.4%	0.4%	1.3%	0.9%	0.7%
	2007	0.6%	0.9%	1.4%	0.9%	1.0%	0.5%	0.3%	0.5%	1.0%	0.7%	0.5%
	2008	0.6%	0.9%	1.2%	0.7%	0.9%	0.8%	0.6%	0.4%	1.0%	0.6%	0.7%
Private Institutions	2004	0.5%	0.3%	0.2%	0.6%	0.3%	0.0%	1.0%	0.3%	0.9%	0.6%	0.0%
	2005	0.4%	0.3%	0.2%	1.3%	0.2%	0.0%	0.9%	0.4%	0.3%	0.5%	0.0%
	2006	0.6%	0.3%	0.2%	1.3%	0.2%	0.0%	0.8%	0.5%	0.3%	0.6%	0.0%
	2007	0.5%	0.3%	0.2%	0.9%	0.2%	0.0%	0.9%	0.4%	0.4%	0.6%	0.1%
	2008	0.5%	0.3%	0.2%	0.9%	0.2%	0.0%	1.2%	0.4%	0.6%	0.5%	0.1%
All Institutions	2004	0.7%	0.6%	0.6%	0.8%	0.5%	0.2%	0.6%	0.4%	1.1%	0.7%	0.6%
	2005	0.5%	0.6%	0.7%	1.2%	0.4%	0.1%	0.6%	0.5%	0.9%	0.6%	0.6%
	2006	0.7%	0.6%	0.7%	1.0%	0.4%	0.2%	0.6%	0.5%	1.0%	0.7%	0.6%
	2007	0.5%	0.6%	0.7%	0.9%	0.5%	0.1%	0.5%	0.4%	0.9%	0.6%	0.4%
	2008	0.5%	0.6%	0.6%	0.8%	0.4%	0.2%	0.9%	0.4%	0.9%	0.6%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 519: Number of Doctor's and First Professional Degrees in Physical Sciences - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15	759	98	6	27	15	21	28	30	26	13
	2005	15	802	109	7	32	17	11	27	20	26	17
	2006	15	977	133	8	43	19	14	33	19	35	26
	2007	18	1,106	143	12	30	17	14	49	36	38	33
	2008	7	1,016	139	13	24	17	12	37	28	38	14
	# Change 04-08	-8	257	41	7	-3	2	-9	9	-2	12	1
	% Change 04-08	-53.3%	33.9%	41.8%	116.7%	-11.1%	13.3%	-42.9%	32.1%	-6.7%	46.2%	7.7%
Private Institutions	2004	66	310	49	13	14	0	17	45	8	20	0
	2005	60	353	49	9	28	0	15	60	12	30	0
	2006	71	374	56	12	40	0	16	57	10	30	0
	2007	79	429	62	12	29	0	10	75	14	34	1
	2008	77	431	72	15	29	0	19	80	11	29	0
	# Change 04-08	11	121	23	2	15	0	2	35	3	9	0
	% Change 04-08	16.7%	39.0%	46.9%	15.4%	107.1%	N/A	11.8%	77.8%	37.5%	45.0%	N/A
All Institutions	2004	81	1,069	147	19	41	15	38	73	38	46	13
	2005	75	1,155	158	16	60	17	26	87	32	56	17
	2006	86	1,351	189	20	83	19	30	90	29	65	26
	2007	97	1,535	205	24	59	17	24	124	50	72	34
	2008	84	1,447	211	28	53	17	31	117	39	67	14
	# Change 04-08	3	378	64	9	12	2	-7	44	1	21	1
	% Change 04-08	3.7%	35.4%	43.5%	47.4%	29.3%	13.3%	-18.4%	60.3%	2.6%	45.7%	7.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 520: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.2%	2.4%	3.7%	1.9%	2.6%	2.2%	2.4%	2.3%	3.2%	1.7%	1.1%
	2005	5.4%	2.4%	4.2%	2.1%	2.8%	2.4%	1.2%	2.1%	2.0%	1.8%	1.4%
	2006	6.4%	2.8%	4.8%	2.0%	3.7%	2.4%	1.6%	2.4%	1.9%	2.2%	2.0%
	2007	6.1%	3.0%	4.9%	3.1%	2.5%	2.0%	1.5%	3.7%	3.4%	2.3%	2.6%
	2008	2.7%	2.7%	4.5%	3.5%	2.0%	2.0%	1.1%	2.5%	2.5%	2.3%	1.0%
Private Institutions	2004	2.1%	0.9%	1.1%	2.8%	0.6%	0.0%	4.0%	0.9%	1.3%	0.9%	0.0%
	2005	1.9%	1.0%	1.0%	1.8%	1.2%	0.0%	3.0%	1.1%	1.8%	1.2%	0.0%
	2006	2.1%	1.0%	1.2%	2.3%	1.6%	0.0%	3.5%	1.1%	1.5%	1.2%	0.0%
	2007	2.2%	1.1%	1.2%	2.3%	1.1%	0.0%	2.1%	1.4%	1.9%	1.2%	0.1%
	2008	2.2%	1.1%	1.4%	2.9%	1.1%	0.0%	4.0%	1.4%	1.4%	1.0%	0.0%
All Institutions	2004	2.4%	1.7%	2.1%	2.4%	1.2%	1.1%	2.9%	1.2%	2.5%	1.3%	0.7%
	2005	2.1%	1.7%	2.1%	1.9%	1.7%	1.1%	1.9%	1.3%	1.9%	1.4%	0.9%
	2006	2.3%	1.9%	2.6%	2.2%	2.3%	1.1%	2.2%	1.3%	1.7%	1.5%	1.3%
	2007	2.4%	2.0%	2.6%	2.7%	1.5%	0.8%	1.7%	1.8%	2.8%	1.6%	1.7%
	2008	2.2%	1.8%	2.6%	3.2%	1.4%	0.8%	2.0%	1.7%	2.0%	1.5%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 521: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences – Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20	984	271	0	0	3	31	12	7	15	52
	2005	5	1,082	193	1	0	2	39	22	12	14	55
	2006	7	1,202	234	2	0	5	34	19	8	32	59
	2007	14	1,274	233	0	0	4	48	21	14	39	74
	2008	2	1,286	252	1	0	4	51	24	14	44	54
	# Change 04-08	-18	302	-19	1	0	1	20	12	7	29	2
	% Change 04-08	-90.0%	30.7%	-7.0%	N/A	N/A	33.3%	64.5%	100.0%	100.0%	193.3%	3.8%
Private Institutions	2004	0	20	0	0	0	0	0	0	0	5	0
	2005	0	16	0	0	0	0	0	0	0	0	0
	2006	0	10	0	0	0	0	0	0	0	4	0
	2007	0	9	0	0	0	0	0	0	0	1	0
	2008	0	12	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	-8	0	0	0	0	0	0	0	-3	0
	% Change 04-08	N/A	-40.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-60.0%	N/A
All Institutions	2004	20	1,004	271	0	0	3	31	12	7	20	52
	2005	5	1,098	193	1	0	2	39	22	12	14	55
	2006	7	1,212	234	2	0	5	34	19	8	36	59
	2007	14	1,283	233	0	0	4	48	21	14	40	74
	2008	2	1,298	252	1	0	4	51	24	14	46	54
	# Change 04-08	-18	294	-19	1	0	1	20	12	7	26	2
	% Change 04-08	-90.0%	29.3%	-7.0%	N/A	N/A	33.3%	64.5%	100.0%	100.0%	130.0%	3.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 522: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.3%	0.6%	0.0%	0.0%	0.0%	0.6%	0.1%	0.1%	0.2%	0.9%
	2005	0.1%	0.3%	0.4%	0.1%	0.0%	0.0%	0.7%	0.1%	0.1%	0.2%	1.0%
	2006	0.2%	0.3%	0.5%	0.1%	0.0%	0.1%	0.6%	0.1%	0.1%	0.4%	1.0%
	2007	0.3%	0.3%	0.4%	0.0%	0.0%	0.0%	0.8%	0.1%	0.1%	0.5%	1.2%
	2008	0.0%	0.3%	0.5%	0.1%	0.0%	0.0%	0.8%	0.1%	0.1%	0.6%	0.8%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.2%	0.4%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.1%	0.6%
	2005	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.4%	0.1%	0.1%	0.1%	0.6%
	2006	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.3%	0.1%	0.1%	0.2%	0.7%
	2007	0.2%	0.2%	0.3%	0.0%	0.0%	0.0%	0.5%	0.1%	0.1%	0.2%	0.8%
	2008	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.5%	0.1%	0.1%	0.2%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 523: Number of Bachelor's Degrees in Physical Sciences - Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	99	7,461	792	62	230	170	128	448	358	395	284
	2005	114	7,859	880	84	231	176	140	508	361	450	335
	2006	101	8,526	949	67	263	221	142	540	325	491	306
	2007	122	8,885	971	63	319	217	162	619	407	468	369
	2008	119	9,277	1,048	66	311	237	184	612	412	548	352
	# Change 04-08	20	1,816	256	4	81	67	56	164	54	153	68
	% Change 04-08	20.2%	24.3%	32.3%	6.5%	35.2%	39.4%	43.8%	36.6%	15.1%	38.7%	23.9%
Private Institutions	2004	331	3,756	208	54	222	166	57	406	116	360	54
	2005	334	3,851	243	58	207	190	55	412	88	376	70
	2006	365	4,017	247	74	235	197	73	477	97	415	67
	2007	355	4,378	245	103	260	208	88	502	109	465	53
	2008	384	4,480	253	94	285	217	74	528	107	415	58
	# Change 04-08	53	724	45	40	63	51	17	122	-9	55	4
	% Change 04-08	16.0%	19.3%	21.6%	74.1%	28.4%	30.7%	29.8%	30.0%	-7.8%	15.3%	7.4%
All Institutions	2004	430	11,217	1,000	116	452	336	185	854	474	755	338
	2005	448	11,710	1,123	142	438	366	195	920	449	826	405
	2006	466	12,543	1,196	141	498	418	215	1,017	422	906	373
	2007	477	13,263	1,216	166	579	425	250	1,121	516	933	422
	2008	503	13,757	1,301	160	596	454	258	1,140	519	963	410
	# Change 04-08	73	2,540	301	44	144	118	73	286	45	208	72
	% Change 04-08	17.0%	22.6%	30.1%	37.9%	31.9%	35.1%	39.5%	33.5%	9.5%	27.5%	21.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 524: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.7%	1.8%	1.8%	1.7%	1.5%	2.1%	1.4%	2.4%	2.8%	2.3%	2.3%
	2005	1.9%	1.9%	1.9%	2.1%	1.5%	2.2%	1.5%	2.5%	2.9%	2.5%	2.6%
	2006	1.6%	2.0%	1.9%	1.6%	1.7%	2.6%	1.4%	2.7%	2.6%	2.7%	2.3%
	2007	1.9%	2.0%	1.9%	1.5%	2.0%	2.5%	1.6%	2.9%	3.2%	2.5%	2.7%
	2008	1.8%	2.1%	2.0%	1.5%	1.9%	2.6%	1.8%	2.8%	3.1%	2.9%	2.5%
Private Institutions	2004	2.2%	1.6%	1.2%	1.4%	1.8%	3.7%	1.6%	1.4%	2.1%	2.0%	1.5%
	2005	2.3%	1.6%	1.4%	1.6%	1.4%	3.9%	1.4%	1.4%	1.6%	2.1%	1.9%
	2006	2.4%	1.7%	1.4%	1.9%	1.5%	4.0%	1.9%	1.7%	1.9%	2.3%	1.6%
	2007	2.3%	1.7%	1.4%	2.5%	1.6%	4.1%	2.2%	1.7%	2.0%	2.5%	1.3%
	2008	2.4%	1.8%	1.3%	2.2%	1.9%	4.0%	1.7%	1.7%	1.9%	2.2%	1.2%
All Institutions	2004	2.0%	1.8%	1.6%	1.5%	1.7%	2.7%	1.4%	1.8%	2.6%	2.2%	2.2%
	2005	2.2%	1.8%	1.7%	1.9%	1.5%	2.8%	1.5%	1.8%	2.5%	2.3%	2.5%
	2006	2.2%	1.9%	1.8%	1.7%	1.6%	3.1%	1.6%	2.1%	2.4%	2.5%	2.2%
	2007	2.2%	1.9%	1.8%	2.0%	1.8%	3.1%	1.7%	2.2%	2.8%	2.5%	2.4%
	2008	2.2%	1.9%	1.8%	1.9%	1.9%	3.2%	1.8%	2.2%	2.7%	2.5%	2.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 525: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	62	2,581	367	15	112	25	22	90	92	79	72
	2005	37	2,741	468	23	98	20	28	119	80	109	73
	2006	45	2,781	404	15	97	33	26	116	86	113	85
	2007	45	2,745	362	22	103	24	38	88	78	97	72
	2008	42	2,856	401	17	145	41	29	101	91	89	86
	# Change 04-08	-20	275	34	2	33	16	7	11	-1	10	14
	% Change 04-08	-32.3%	10.7%	9.3%	13.3%	29.5%	64.0%	31.8%	12.2%	-1.1%	12.7%	19.4%
Private Institutions	2004	99	916	84	38	79	0	46	229	8	76	1
	2005	114	947	56	51	65	0	39	242	16	79	1
	2006	129	994	64	66	72	0	35	225	6	77	1
	2007	116	929	63	61	66	0	46	192	6	99	0
	2008	149	997	55	68	60	0	71	212	8	81	1
	# Change 04-08	50	81	-29	30	-19	0	25	-17	0	5	0
	% Change 04-08	50.5%	8.8%	-34.5%	78.9%	-24.1%	N/A	54.3%	-7.4%	0.0%	6.6%	0.0%
All Institutions	2004	161	3,497	451	53	191	25	68	319	100	155	73
	2005	151	3,688	524	74	163	20	67	361	96	188	74
	2006	174	3,775	468	81	169	33	61	341	92	190	86
	2007	161	3,674	425	83	169	24	84	280	84	196	72
	2008	191	3,853	456	85	205	41	100	313	99	170	87
	# Change 04-08	30	356	5	32	14	16	32	-6	-1	15	14
	% Change 04-08	18.6%	10.2%	1.1%	60.4%	7.3%	64.0%	47.1%	-1.9%	-1.0%	9.7%	19.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 526: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.6%	2.1%	3.4%	1.3%	2.2%	1.4%	0.8%	1.4%	2.8%	2.0%	1.8%
	2005	2.1%	2.2%	3.9%	1.9%	2.0%	1.0%	1.1%	1.8%	2.4%	2.7%	1.7%
	2006	2.6%	2.2%	3.2%	1.3%	2.0%	1.5%	1.0%	1.7%	2.5%	2.9%	1.9%
	2007	2.4%	2.3%	3.2%	1.8%	2.1%	1.1%	1.4%	1.3%	2.2%	2.4%	1.6%
	2008	2.0%	2.2%	3.0%	1.2%	2.8%	1.7%	1.1%	1.5%	2.4%	2.1%	1.8%
Private Institutions	2004	1.0%	0.7%	0.6%	1.4%	0.7%	0.0%	1.6%	1.2%	0.5%	1.0%	0.1%
	2005	1.2%	0.7%	0.4%	1.8%	0.6%	0.0%	1.3%	1.3%	1.0%	1.0%	0.1%
	2006	1.3%	0.7%	0.4%	2.5%	0.6%	0.0%	1.1%	1.2%	0.4%	0.9%	0.1%
	2007	1.2%	0.7%	0.4%	2.4%	0.6%	0.0%	1.4%	1.0%	0.3%	1.2%	0.0%
	2008	1.5%	0.7%	0.4%	2.5%	0.5%	0.0%	2.0%	1.2%	0.4%	0.9%	0.1%
All Institutions	2004	1.4%	1.4%	1.8%	1.4%	1.2%	0.6%	1.2%	1.3%	2.0%	1.3%	1.4%
	2005	1.3%	1.5%	2.0%	1.9%	1.0%	0.4%	1.2%	1.5%	2.0%	1.6%	1.4%
	2006	1.5%	1.5%	1.7%	2.1%	1.0%	0.6%	1.0%	1.3%	1.8%	1.6%	1.5%
	2007	1.4%	1.4%	1.7%	2.2%	1.0%	0.5%	1.4%	1.1%	1.6%	1.6%	1.3%
	2008	1.6%	1.4%	1.6%	2.1%	1.2%	0.7%	1.6%	1.2%	1.8%	1.3%	1.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

**Table III - 527: Number of Doctor's and First Professional Degrees in Physical Sciences - Male Students
(MASSIP 2009 Indicator 23)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	34	1,948	244	12	56	37	34	86	52	75	49
	2005	37	2,050	295	13	76	38	27	88	47	87	52
	2006	44	2,218	300	27	104	38	37	73	54	80	50
	2007	34	2,344	314	23	91	52	32	115	63	80	56
	2008	36	2,363	326	18	88	42	35	98	44	84	70
	# Change 04-08	2	415	82	6	32	5	1	12	-8	9	21
	% Change 04-08	5.9%	21.3%	33.6%	50.0%	57.1%	13.5%	2.9%	14.0%	-15.4%	12.0%	42.9%
Private Institutions	2004	151	808	131	32	53	0	43	152	24	53	0
	2005	177	917	163	25	75	0	49	168	26	50	1
	2006	181	935	161	20	71	0	48	149	29	65	1
	2007	226	977	141	29	64	0	54	141	25	57	1
	2008	206	1,015	134	39	79	0	46	171	23	68	4
	# Change 04-08	55	207	3	7	26	0	3	19	-1	15	4
	% Change 04-08	36.4%	25.6%	2.3%	21.9%	49.1%	N/A	7.0%	12.5%	-4.2%	28.3%	N/A
All Institutions	2004	185	2,756	375	44	109	37	77	238	76	128	49
	2005	214	2,967	458	38	151	38	76	256	73	137	53
	2006	225	3,153	461	47	175	38	85	222	83	145	51
	2007	260	3,321	455	52	155	52	86	256	88	137	57
	2008	242	3,378	460	57	167	42	81	269	67	152	74
	# Change 04-08	57	622	85	13	58	5	4	31	-9	24	25
	% Change 04-08	30.8%	22.6%	22.7%	29.5%	53.2%	13.5%	5.2%	13.0%	-11.8%	18.8%	51.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 528: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	13.6%	5.9%	9.1%	4.2%	4.8%	5.9%	3.6%	7.1%	6.2%	4.8%	3.8%
	2005	14.8%	6.0%	10.6%	4.0%	6.2%	5.0%	3.0%	7.0%	5.5%	5.3%	3.9%
	2006	17.3%	6.3%	10.2%	7.5%	7.9%	5.2%	4.2%	5.7%	5.9%	5.0%	3.7%
	2007	12.5%	6.4%	10.2%	6.5%	6.8%	6.5%	3.4%	8.7%	6.7%	5.0%	4.1%
	2008	12.7%	6.3%	10.1%	5.2%	6.4%	5.8%	3.6%	7.5%	4.6%	5.0%	4.8%
Private Institutions	2004	4.9%	2.3%	2.8%	5.7%	2.2%	0.0%	7.3%	3.1%	3.2%	2.5%	0.0%
	2005	5.5%	2.4%	3.3%	4.6%	3.0%	0.0%	7.0%	3.2%	3.4%	2.1%	0.1%
	2006	5.3%	2.4%	3.3%	3.8%	2.8%	0.0%	7.2%	2.9%	3.9%	2.7%	0.1%
	2007	6.3%	2.4%	2.8%	5.4%	2.4%	0.0%	8.0%	2.7%	3.0%	2.5%	0.1%
	2008	6.1%	2.6%	2.7%	7.7%	2.9%	0.0%	7.6%	3.2%	2.9%	2.8%	0.5%
All Institutions	2004	5.5%	4.0%	5.1%	5.2%	3.0%	2.9%	5.0%	3.9%	4.8%	3.5%	2.6%
	2005	6.2%	4.1%	5.9%	4.4%	4.0%	2.5%	4.8%	3.9%	4.5%	3.4%	2.6%
	2006	6.2%	4.3%	5.9%	5.3%	4.5%	2.4%	5.5%	3.4%	5.0%	3.6%	2.4%
	2007	6.7%	4.3%	5.6%	5.8%	3.8%	2.9%	5.3%	3.9%	5.0%	3.5%	2.5%
	2008	6.6%	4.4%	5.6%	6.7%	4.1%	2.5%	5.2%	4.0%	3.9%	3.7%	3.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 529: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	297	181	0	0	0	22	0	0	0	6
	2005	2	190	81	0	0	0	16	1	0	3	5
	2006	1	320	172	0	0	0	20	3	0	14	3
	2007	6	268	112	0	0	1	37	3	0	18	4
	2008	0	309	150	0	0	0	28	1	0	27	3
	# Change 04-08	-5	12	-31	0	0	0	6	1	0	27	-3
	% Change 04-08	-100.0%	4.0%	-17.1%	N/A	N/A	N/A	27.3%	N/A	N/A	N/A	-50.0%
Private Institutions	2004	0	1	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	2	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	5	298	181	0	0	0	22	0	0	0	6
	2005	2	190	81	0	0	0	16	1	0	3	5
	2006	1	320	172	0	0	0	20	3	0	14	3
	2007	6	270	112	0	0	1	37	3	0	20	4
	2008	0	309	150	0	0	0	28	1	0	27	3
	# Change 04-08	-5	11	-31	0	0	0	6	1	0	27	-3
	% Change 04-08	-100.0%	3.7%	-17.1%	N/A	N/A	N/A	27.3%	N/A	N/A	N/A	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 530: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	0.7%	1.1%	0.0%	0.0%	0.0%	2.4%	0.0%	0.0%	0.0%	0.9%
	2005	0.5%	0.4%	0.5%	0.0%	0.0%	0.0%	1.8%	0.0%	0.0%	0.7%	0.7%
	2006	0.2%	0.7%	0.9%	0.0%	0.0%	0.0%	1.9%	0.1%	0.0%	3.2%	0.4%
	2007	1.2%	0.6%	0.6%	0.0%	0.0%	0.1%	3.9%	0.1%	0.0%	3.7%	0.4%
	2008	0.0%	0.6%	0.7%	0.0%	0.0%	0.0%	2.8%	0.0%	0.0%	4.8%	0.3%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.6%	0.5%	0.7%	0.0%	0.0%	0.0%	1.6%	0.0%	0.0%	0.0%	0.6%
	2005	0.2%	0.3%	0.3%	0.0%	0.0%	0.0%	1.1%	0.0%	0.0%	0.4%	0.5%
	2006	0.1%	0.5%	0.6%	0.0%	0.0%	0.0%	1.2%	0.1%	0.0%	1.5%	0.3%
	2007	0.7%	0.4%	0.4%	0.0%	0.0%	0.1%	2.5%	0.1%	0.0%	2.1%	0.3%
	2008	0.0%	0.4%	0.5%	0.0%	0.0%	0.0%	1.7%	0.0%	0.0%	2.5%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 531: Number of Bachelor's Degrees in Physical Sciences - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14	917	287	2	30	14	31	52	46	14	57
	2005	5	992	349	8	41	11	30	64	38	11	66
	2006	7	1,227	417	2	43	27	39	72	36	28	59
	2007	14	1,421	502	9	58	18	48	97	67	35	82
	2008	12	1,525	525	6	52	24	48	104	67	34	86
	# Change 04-08	-2	608	238	4	22	10	17	52	21	20	29
	% Change 04-08	-14.3%	66.3%	82.9%	200.0%	73.3%	71.4%	54.8%	100.0%	45.7%	142.9%	50.9%
Private Institutions	2004	87	509	56	2	34	13	12	53	12	33	4
	2005	77	530	83	7	36	12	13	69	9	36	8
	2006	98	590	74	11	32	13	16	82	19	61	5
	2007	95	623	65	13	50	14	16	83	22	57	1
	2008	97	690	78	18	58	25	21	93	15	50	4
	# Change 04-08	10	181	22	16	24	12	9	40	3	17	0
	% Change 04-08	11.5%	35.6%	39.3%	800.0%	70.6%	92.3%	75.0%	75.5%	25.0%	51.5%	0.0%
All Institutions	2004	101	1,426	343	4	64	27	43	105	58	47	61
	2005	82	1,522	432	15	77	23	43	133	47	47	74
	2006	105	1,817	491	13	75	40	55	154	55	89	64
	2007	109	2,044	567	22	108	32	64	180	89	92	83
	2008	109	2,215	603	24	110	49	69	197	82	84	90
	# Change 04-08	8	789	260	20	46	22	26	92	24	37	29
	% Change 04-08	7.9%	55.3%	75.8%	500.0%	71.9%	81.5%	60.5%	87.6%	41.4%	78.7%	47.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 532: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2.3%	1.4%	1.1%	0.6%	1.3%	2.3%	1.4%	1.3%	4.6%	1.2%	3.9%
	2005	0.7%	1.4%	1.3%	2.2%	1.7%	1.6%	1.2%	1.4%	4.0%	0.9%	3.0%
	2006	1.0%	1.7%	1.5%	0.5%	1.8%	3.5%	1.7%	1.6%	3.7%	2.1%	2.6%
	2007	1.8%	1.9%	1.8%	1.9%	2.3%	2.1%	1.8%	2.2%	6.4%	2.4%	3.5%
	2008	1.6%	2.0%	1.8%	1.4%	2.1%	2.5%	1.9%	2.1%	6.0%	2.5%	3.5%
Private Institutions	2004	3.0%	1.8%	1.1%	0.5%	1.7%	3.7%	2.2%	1.1%	2.8%	1.4%	2.5%
	2005	2.7%	1.9%	1.5%	1.5%	1.7%	3.1%	2.3%	1.4%	2.5%	1.5%	4.2%
	2006	3.2%	2.0%	1.4%	2.3%	1.5%	3.3%	2.7%	1.6%	4.4%	2.5%	2.3%
	2007	3.1%	2.0%	1.2%	2.7%	2.2%	3.2%	3.0%	1.5%	4.6%	2.4%	0.5%
	2008	3.1%	2.1%	1.4%	3.5%	2.4%	4.7%	3.7%	1.7%	3.0%	1.9%	1.6%
All Institutions	2004	2.9%	1.5%	1.1%	0.5%	1.5%	2.8%	1.5%	1.2%	4.1%	1.3%	3.7%
	2005	2.3%	1.6%	1.3%	1.8%	1.7%	2.2%	1.4%	1.4%	3.6%	1.3%	3.1%
	2006	2.8%	1.8%	1.5%	1.5%	1.6%	3.4%	1.9%	1.6%	3.9%	2.3%	2.6%
	2007	2.9%	1.9%	1.7%	2.3%	2.2%	2.5%	2.0%	1.8%	5.8%	2.4%	3.2%
	2008	2.8%	2.0%	1.7%	2.5%	2.3%	3.3%	2.2%	1.9%	5.1%	2.1%	3.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 533: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	171	55	0	8	1	3	14	5	2	0
	2005	4	206	62	2	5	1	5	19	3	2	4
	2006	3	174	49	1	3	0	6	12	6	2	4
	2007	1	231	86	0	11	1	2	14	2	3	9
	2008	5	204	71	1	10	4	6	7	2	3	3
	# Change 04-08	0	33	16	1	2	3	3	-7	-3	1	3
	% Change 04-08	0.0%	19.3%	29.1%	N/A	25.0%	300.0%	100.0%	-50.0%	-60.0%	50.0%	N/A
Private Institutions	2004	8	69	10	2	5	0	4	14	4	8	0
	2005	17	80	6	6	1	0	3	19	7	7	0
	2006	19	76	6	6	6	0	2	16	4	9	0
	2007	15	89	6	9	7	0	3	15	3	17	0
	2008	19	87	8	6	2	0	5	20	6	9	0
	# Change 04-08	11	18	-2	4	-3	0	1	6	2	1	0
	% Change 04-08	137.5%	26.1%	-20.0%	200.0%	-60.0%	N/A	25.0%	42.9%	50.0%	12.5%	N/A
All Institutions	2004	13	240	65	2	13	1	7	28	9	10	0
	2005	21	286	68	8	6	1	8	38	10	9	4
	2006	22	250	55	7	9	0	8	28	10	11	4
	2007	16	320	92	9	18	1	5	29	5	20	9
	2008	24	291	79	7	12	4	11	27	8	12	3
	# Change 04-08	11	51	14	5	-1	3	4	-1	-1	2	3
	% Change 04-08	84.6%	21.3%	21.5%	250.0%	-7.7%	300.0%	57.1%	-3.6%	-11.1%	20.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 534: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3.9%	1.3%	1.6%	0.0%	1.6%	0.7%	0.6%	1.6%	1.7%	0.6%	0.0%
	2005	2.4%	1.4%	1.6%	2.2%	0.9%	0.7%	0.9%	2.2%	1.0%	0.6%	0.8%
	2006	1.7%	1.1%	1.1%	1.0%	0.6%	0.0%	1.1%	1.4%	2.2%	0.6%	0.7%
	2007	0.5%	1.4%	2.0%	0.0%	1.8%	0.5%	0.3%	1.5%	0.7%	1.0%	1.2%
	2008	2.4%	1.2%	1.5%	0.9%	1.8%	1.6%	1.0%	0.7%	0.8%	1.0%	0.5%
Private Institutions	2004	0.6%	0.4%	0.3%	0.7%	0.3%	0.0%	1.2%	0.5%	2.0%	0.9%	0.0%
	2005	1.3%	0.5%	0.2%	2.0%	0.1%	0.0%	0.8%	0.7%	3.4%	0.7%	0.0%
	2006	1.4%	0.4%	0.2%	2.2%	0.4%	0.0%	0.5%	0.5%	1.4%	1.0%	0.0%
	2007	1.0%	0.5%	0.1%	3.1%	0.4%	0.0%	0.9%	0.5%	0.9%	1.7%	0.0%
	2008	1.3%	0.5%	0.2%	2.1%	0.1%	0.0%	1.2%	0.6%	1.6%	0.8%	0.0%
All Institutions	2004	0.9%	0.8%	0.9%	0.5%	0.7%	0.3%	0.8%	0.8%	1.8%	0.8%	0.0%
	2005	1.4%	0.9%	0.9%	2.1%	0.3%	0.3%	0.9%	1.0%	1.9%	0.7%	0.7%
	2006	1.4%	0.8%	0.7%	1.9%	0.4%	0.0%	0.9%	0.7%	1.8%	0.9%	0.6%
	2007	1.0%	0.9%	1.1%	2.4%	0.8%	0.2%	0.5%	0.7%	0.8%	1.5%	1.1%
	2008	1.4%	0.8%	0.9%	1.7%	0.5%	0.7%	1.1%	0.7%	1.3%	0.9%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



**Table III - 535: Number of Doctor's and First Professional Degrees in Physical Sciences - Asian Students
(MASSIP 2009 Indicator 23)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	118	29	1	6	5	2	2	4	5	1
	2005	3	147	48	0	8	3	3	7	1	1	2
	2006	2	156	41	0	7	2	4	0	1	10	2
	2007	3	160	39	1	22	0	1	6	3	4	5
	2008	1	133	36	1	3	1	2	4	1	7	4
	# Change 04-08	-1	15	7	0	-3	-4	0	2	-3	2	3
	% Change 04-08	-50.0%	12.7%	24.1%	0.0%	-50.0%	-80.0%	0.0%	100.0%	-75.0%	40.0%	300.0%
Private Institutions	2004	10	60	13	1	2	0	2	16	6	4	0
	2005	8	66	14	2	5	0	2	8	13	3	1
	2006	12	75	11	1	7	0	3	4	18	4	0
	2007	14	68	18	0	4	0	5	8	12	3	0
	2008	19	88	17	2	6	0	6	12	11	6	1
	# Change 04-08	9	28	4	1	4	0	4	-4	5	2	1
	% Change 04-08	90.0%	46.7%	30.8%	100.0%	200.0%	N/A	200.0%	-25.0%	83.3%	50.0%	N/A
All Institutions	2004	12	178	42	2	8	5	4	18	10	9	1
	2005	11	213	62	2	13	3	5	15	14	4	3
	2006	14	231	52	1	14	2	7	4	19	14	2
	2007	17	228	57	1	26	0	6	14	15	7	5
	2008	20	221	53	3	9	1	8	16	12	13	5
	# Change 04-08	8	43	11	1	1	-4	4	-2	2	4	4
	% Change 04-08	66.7%	24.2%	26.2%	50.0%	12.5%	-80.0%	100.0%	-11.1%	20.0%	44.4%	400.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 536: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.7%	2.3%	3.1%	3.2%	2.3%	6.4%	0.7%	0.7%	4.1%	1.7%	0.6%
	2005	12.5%	2.7%	5.2%	0.0%	2.8%	3.4%	1.0%	2.3%	1.1%	0.4%	1.0%
	2006	8.0%	2.7%	4.3%	0.0%	2.3%	2.1%	1.3%	0.0%	1.0%	3.2%	1.2%
	2007	8.6%	2.6%	3.9%	2.1%	4.4%	0.0%	0.3%	1.8%	3.0%	1.3%	2.9%
	2008	3.8%	2.1%	3.4%	3.1%	0.9%	1.1%	0.5%	1.1%	1.1%	2.2%	1.8%
Private Institutions	2004	1.2%	0.9%	0.8%	1.6%	0.4%	0.0%	3.5%	1.3%	5.1%	0.8%	0.0%
	2005	1.1%	0.9%	0.8%	3.0%	0.9%	0.0%	2.9%	0.6%	9.2%	0.6%	1.8%
	2006	1.6%	1.0%	0.6%	1.3%	1.1%	0.0%	3.9%	0.3%	14.3%	0.8%	0.0%
	2007	1.5%	0.8%	0.9%	0.0%	0.6%	0.0%	6.4%	0.5%	7.7%	0.6%	0.0%
	2008	2.3%	1.1%	0.9%	2.4%	1.0%	0.0%	8.6%	0.8%	8.1%	1.1%	1.3%
All Institutions	2004	1.4%	1.5%	1.6%	2.1%	1.0%	3.8%	1.1%	1.2%	4.7%	1.2%	0.5%
	2005	1.4%	1.7%	2.3%	1.9%	1.5%	2.2%	1.4%	0.9%	6.1%	0.5%	1.2%
	2006	1.8%	1.8%	1.9%	0.8%	1.5%	1.3%	1.8%	0.2%	8.3%	1.7%	0.9%
	2007	1.8%	1.6%	2.0%	0.8%	2.3%	0.0%	1.5%	0.8%	5.9%	0.8%	1.9%
	2008	2.3%	1.5%	1.8%	2.6%	0.9%	0.6%	1.7%	0.9%	5.3%	1.5%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 537: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences – Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	75	9	0	0	0	6	1	0	0	21
	2005	2	96	10	0	0	0	4	4	0	3	26
	2006	2	115	10	0	0	0	4	4	3	13	25
	2007	5	110	7	0	0	0	5	2	0	9	22
	2008	2	117	12	0	0	0	6	2	0	16	22
	# Change 04-08	-4	42	3	0	0	0	0	1	0	16	1
	% Change 04-08	-66.7%	56.0%	33.3%	N/A	N/A	N/A	0.0%	100.0%	N/A	N/A	4.8%
Private Institutions	2004	0	1	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	1	0	0	0
	2008	0	2	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	6	76	9	0	0	0	6	1	0	0	21
	2005	2	96	10	0	0	0	4	4	0	3	26
	2006	2	115	10	0	0	0	4	4	3	13	25
	2007	5	111	7	0	0	0	5	3	0	9	22
	2008	2	119	12	0	0	0	6	2	0	16	22
	# Change 04-08	-4	43	3	0	0	0	0	1	0	16	1
	% Change 04-08	-66.7%	56.6%	33.3%	N/A	N/A	N/A	0.0%	100.0%	N/A	N/A	4.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 538: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.6%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.7%
	2005	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.9%
	2006	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.7%	0.8%
	2007	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.4%	0.7%
	2008	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.7%	0.7%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.3%
	2005	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.4%
	2006	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.3%
	2007	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.3%
	2008	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.2%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 539: Number of Bachelor's Degrees in Physical Sciences - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	692	22	2	27	7	16	60	72	27	39
	2005	3	694	31	4	21	8	10	65	85	20	51
	2006	9	755	22	1	21	11	13	74	62	41	33
	2007	9	763	34	3	28	9	18	54	78	36	40
	2008	10	852	35	1	22	6	20	52	69	30	38
	# Change 04-08	7	160	13	-1	-5	-1	4	-8	-3	3	-1
	% Change 04-08	233.3%	23.1%	59.1%	-50.0%	-18.5%	-14.3%	25.0%	-13.3%	-4.2%	11.1%	-2.6%
Private Institutions	2004	20	369	6	2	11	1	6	16	18	15	14
	2005	15	376	9	5	6	6	8	23	21	11	12
	2006	17	368	10	8	10	0	4	28	17	10	14
	2007	16	395	5	13	9	2	4	34	11	16	23
	2008	19	350	8	8	16	3	5	20	18	11	16
	# Change 04-08	-1	-19	2	6	5	2	-1	4	0	-4	2
	% Change 04-08	-5.0%	-5.1%	33.3%	300.0%	45.5%	200.0%	-16.7%	25.0%	0.0%	-26.7%	14.3%
All Institutions	2004	23	1,061	28	4	38	8	22	76	90	42	53
	2005	18	1,070	40	9	27	14	18	88	106	31	63
	2006	26	1,123	32	9	31	11	17	102	79	51	47
	2007	25	1,158	39	16	37	11	22	88	89	52	63
	2008	29	1,202	43	9	38	9	25	72	87	41	54
	# Change 04-08	6	141	15	5	0	1	3	-4	-3	-1	1
	% Change 04-08	26.1%	13.3%	53.6%	125.0%	0.0%	12.5%	13.6%	-5.3%	-3.3%	-2.4%	1.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 540: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.9%	0.5%	0.4%	0.8%	1.9%	0.7%	1.1%	1.4%	1.0%	1.1%
	2005	0.5%	0.9%	0.7%	0.7%	0.7%	2.5%	0.4%	1.1%	1.6%	0.7%	1.4%
	2006	1.3%	0.9%	0.5%	0.2%	0.7%	2.6%	0.5%	1.2%	1.1%	1.4%	0.9%
	2007	1.3%	0.9%	0.7%	0.5%	0.8%	1.8%	0.7%	0.9%	1.4%	1.2%	1.1%
	2008	1.3%	1.0%	0.7%	0.2%	0.7%	1.1%	0.8%	0.8%	1.2%	1.1%	1.0%
Private Institutions	2004	1.1%	0.8%	0.3%	0.3%	0.4%	0.4%	0.8%	0.3%	0.7%	0.7%	0.8%
	2005	0.8%	0.7%	0.4%	0.8%	0.2%	2.2%	0.9%	0.4%	0.8%	0.5%	0.6%
	2006	0.9%	0.7%	0.4%	1.2%	0.3%	0.0%	0.4%	0.5%	0.7%	0.4%	0.7%
	2007	0.8%	0.7%	0.2%	1.8%	0.2%	0.6%	0.5%	0.5%	0.4%	0.6%	1.1%
	2008	0.9%	0.6%	0.3%	1.2%	0.4%	0.8%	0.5%	0.3%	0.6%	0.4%	0.7%
All Institutions	2004	0.9%	0.8%	0.4%	0.4%	0.6%	1.3%	0.7%	0.7%	1.2%	0.9%	1.0%
	2005	0.7%	0.8%	0.6%	0.8%	0.4%	2.4%	0.6%	0.7%	1.4%	0.6%	1.1%
	2006	1.0%	0.8%	0.5%	0.7%	0.4%	1.5%	0.5%	0.8%	1.0%	0.9%	0.8%
	2007	0.9%	0.8%	0.5%	1.2%	0.5%	1.3%	0.7%	0.7%	1.1%	1.0%	1.1%
	2008	1.0%	0.8%	0.6%	0.7%	0.5%	1.0%	0.7%	0.6%	1.0%	0.7%	0.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 541: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	103	8	0	3	0	1	5	12	2	9
	2005	1	95	9	0	2	0	1	6	8	2	9
	2006	2	146	15	0	6	0	3	8	9	3	14
	2007	3	104	3	0	4	0	1	3	14	2	3
	2008	1	138	6	0	6	0	1	4	20	3	5
	# Change 04-08	0	35	-2	0	3	0	0	-1	8	1	-4
	% Change 04-08	0.0%	34.0%	-25.0%	N/A	100.0%	N/A	0.0%	-20.0%	66.7%	50.0%	-44.4%
Private Institutions	2004	3	41	1	1	4	0	5	3	3	3	1
	2005	1	25	0	1	0	0	0	3	0	3	1
	2006	1	41	1	2	1	0	2	8	0	8	1
	2007	0	39	3	0	1	0	0	3	1	4	2
	2008	1	41	1	1	0	0	4	4	1	3	2
	# Change 04-08	-2	0	0	0	-4	0	-1	1	-2	0	1
	% Change 04-08	-66.7%	0.0%	0.0%	0.0%	-100.0%	N/A	-20.0%	33.3%	-66.7%	0.0%	100.0%
All Institutions	2004	4	144	9	1	7	0	6	8	15	5	10
	2005	2	120	9	1	2	0	1	9	8	5	10
	2006	3	187	16	2	7	0	5	16	9	11	15
	2007	3	143	6	0	5	0	1	6	15	6	5
	2008	2	179	7	1	6	0	5	8	21	6	7
	# Change 04-08	-2	35	-2	0	-1	0	-1	0	6	1	-3
	% Change 04-08	-50.0%	24.3%	-22.2%	0.0%	-14.3%	N/A	-16.7%	0.0%	40.0%	20.0%	-30.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 542: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	0.4%	0.7%	0.0%	0.3%	0.0%	0.2%	0.3%	1.2%	0.2%	0.9%
	2005	0.8%	0.4%	0.8%	0.0%	0.2%	0.0%	0.2%	0.4%	0.7%	0.3%	0.9%
	2006	1.5%	0.6%	1.3%	0.0%	0.6%	0.0%	0.4%	0.4%	0.8%	0.4%	1.3%
	2007	1.6%	0.4%	0.2%	0.0%	0.4%	0.0%	0.1%	0.2%	1.1%	0.3%	0.3%
	2008	0.6%	0.5%	0.5%	0.0%	0.6%	0.0%	0.1%	0.2%	1.4%	0.4%	0.5%
Private Institutions	2004	0.2%	0.2%	0.0%	0.4%	0.2%	0.0%	1.5%	0.1%	0.9%	0.3%	0.2%
	2005	0.1%	0.1%	0.0%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	0.2%
	2006	0.1%	0.1%	0.0%	0.6%	0.0%	0.0%	0.6%	0.2%	0.0%	0.7%	0.2%
	2007	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.3%
	2008	0.1%	0.1%	0.0%	0.3%	0.0%	0.0%	1.0%	0.1%	0.2%	0.2%	0.3%
All Institutions	2004	0.3%	0.3%	0.3%	0.2%	0.3%	0.0%	0.7%	0.2%	1.1%	0.3%	0.7%
	2005	0.1%	0.2%	0.3%	0.2%	0.1%	0.0%	0.1%	0.2%	0.5%	0.3%	0.6%
	2006	0.2%	0.3%	0.5%	0.4%	0.2%	0.0%	0.5%	0.3%	0.5%	0.6%	0.9%
	2007	0.2%	0.2%	0.2%	0.0%	0.1%	0.0%	0.1%	0.1%	0.8%	0.3%	0.3%
	2008	0.1%	0.3%	0.2%	0.2%	0.1%	0.0%	0.5%	0.1%	1.1%	0.3%	0.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 543: Number of Doctor's and First Professional Degrees in Physical Sciences - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	48	3	0	0	1	2	3	3	3	0
	2005	0	44	4	0	0	0	1	3	3	3	0
	2006	1	46	1	0	0	0	1	1	3	3	2
	2007	1	69	4	0	2	0	0	5	3	2	4
	2008	0	67	5	0	1	0	1	2	3	1	4
	# Change 04-08	-1	19	2	0	1	-1	-1	-1	0	-2	4
	% Change 04-08	-100.0%	39.6%	66.7%	N/A	N/A	-100.0%	-50.0%	-33.3%	0.0%	-66.7%	N/A
Private Institutions	2004	3	19	1	0	2	0	1	1	2	1	0
	2005	4	11	1	1	0	0	0	0	1	0	0
	2006	1	12	1	0	0	0	0	2	0	0	0
	2007	2	22	2	0	0	0	0	0	2	0	1
	2008	2	16	1	0	0	0	1	1	0	0	2
	# Change 04-08	-1	-3	0	0	-2	0	0	0	-2	-1	2
	% Change 04-08	-33.3%	-15.8%	0.0%	N/A	-100.0%	N/A	0.0%	0.0%	-100.0%	-100.0%	N/A
All Institutions	2004	4	67	4	0	2	1	3	4	5	4	0
	2005	4	55	5	1	0	0	1	3	4	3	0
	2006	2	58	2	0	0	0	1	3	3	3	2
	2007	3	91	6	0	2	0	0	5	5	2	5
	2008	2	83	6	0	1	0	2	3	3	1	6
	# Change 04-08	-2	16	2	0	-1	-1	-1	-1	-2	-3	6
	% Change 04-08	-50.0%	23.9%	50.0%	N/A	-50.0%	-100.0%	-33.3%	-25.0%	-40.0%	-75.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 544: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4.8%	1.4%	2.3%	0.0%	0.0%	4.2%	1.7%	2.1%	1.6%	1.4%	0.0%
	2005	0.0%	1.2%	3.0%	0.0%	0.0%	0.0%	0.8%	2.2%	1.4%	1.4%	0.0%
	2006	7.1%	1.2%	0.7%	0.0%	0.0%	0.0%	0.8%	0.7%	1.6%	1.4%	1.4%
	2007	4.8%	1.7%	2.9%	0.0%	1.7%	0.0%	0.0%	3.8%	1.4%	1.0%	2.4%
	2008	0.0%	1.7%	3.3%	0.0%	0.8%	0.0%	0.6%	1.5%	1.4%	0.6%	2.4%
Private Institutions	2004	1.2%	0.4%	0.3%	0.0%	0.8%	0.0%	1.5%	0.2%	1.6%	0.5%	0.0%
	2005	1.3%	0.2%	0.2%	2.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%
	2006	0.4%	0.2%	0.3%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.0%
	2007	0.7%	0.4%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%	0.4%
	2008	0.7%	0.3%	0.3%	0.0%	0.0%	0.0%	1.2%	0.2%	0.0%	0.0%	0.9%
All Institutions	2004	1.4%	0.8%	0.8%	0.0%	0.6%	0.9%	1.6%	0.6%	1.6%	1.0%	0.0%
	2005	1.3%	0.6%	0.9%	1.3%	0.0%	0.0%	0.5%	0.5%	1.2%	0.6%	0.0%
	2006	0.7%	0.7%	0.4%	0.0%	0.0%	0.0%	0.5%	0.4%	0.9%	0.7%	0.5%
	2007	0.9%	1.0%	1.1%	0.0%	0.5%	0.0%	0.0%	0.7%	1.3%	0.5%	1.1%
	2008	0.6%	0.9%	1.1%	0.0%	0.2%	0.0%	0.8%	0.4%	0.8%	0.2%	1.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 545: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences – Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	142	52	0	0	0	6	0	0	1	2
	2005	1	147	56	0	0	0	8	1	0	1	3
	2006	1	168	52	0	0	0	5	2	0	2	0
	2007	0	212	64	0	0	0	7	2	0	2	5
	2008	0	219	61	0	0	0	9	1	0	2	6
	# Change 04-08	-5	77	9	0	0	0	3	1	0	1	4
	% Change 04-08	-100.0%	54.2%	17.3%	N/A	N/A	N/A	50.0%	N/A	N/A	100.0%	200.0%
Private Institutions	2004	0	27	0	0	0	0	0	0	0	0	0
	2005	0	34	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-25	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-92.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	5	169	52	0	0	0	6	0	0	1	2
	2005	1	181	56	0	0	0	8	1	0	1	3
	2006	1	168	52	0	0	0	5	2	0	2	0
	2007	0	212	64	0	0	0	7	2	0	2	5
	2008	0	221	61	0	0	0	9	1	0	2	6
	# Change 04-08	-5	52	9	0	0	0	3	1	0	1	4
	% Change 04-08	-100.0%	30.8%	17.3%	N/A	N/A	N/A	50.0%	N/A	N/A	100.0%	200.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 546: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.7%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.2%	0.4%
	2005	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.2%	0.6%
	2006	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.4%	0.0%
	2007	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.0%	0.0%	0.4%	0.8%
	2008	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.3%	0.8%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.2%
	2005	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.3%
	2006	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	0.5%
	2008	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 547: Number of Bachelor's Degrees in Physical Sciences - Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	724	144	1	11	2	12	27	6	8	14
	2005	3	811	155	6	18	0	11	49	13	10	15
	2006	1	829	155	0	14	3	10	40	10	7	11
	2007	6	890	159	4	18	4	18	30	22	9	15
	2008	7	960	179	3	18	3	23	46	12	10	15
	# Change 04-08	6	236	35	2	7	1	11	19	6	2	1
	% Change 04-08	600.0%	32.6%	24.3%	200.0%	63.6%	50.0%	91.7%	70.4%	100.0%	25.0%	7.1%
Private Institutions	2004	28	325	26	6	12	6	7	24	5	11	2
	2005	27	327	34	5	8	1	7	22	4	11	1
	2006	27	333	34	8	14	7	4	23	4	17	2
	2007	22	318	28	6	10	3	8	21	4	20	0
	2008	40	401	33	6	8	5	9	41	5	21	3
	# Change 04-08	12	76	7	0	-4	-1	2	17	0	10	1
	% Change 04-08	42.9%	23.4%	26.9%	0.0%	-33.3%	-16.7%	28.6%	70.8%	0.0%	90.9%	50.0%
All Institutions	2004	29	1,049	170	7	23	8	19	51	11	19	16
	2005	30	1,138	189	11	26	1	18	71	17	21	16
	2006	28	1,162	189	8	28	10	14	63	14	24	13
	2007	28	1,208	187	10	28	7	26	51	26	29	15
	2008	47	1,361	212	9	26	8	32	87	17	31	18
	# Change 04-08	18	312	42	2	3	0	13	36	6	12	2
	% Change 04-08	62.1%	29.7%	24.7%	28.6%	13.0%	0.0%	68.4%	70.6%	54.5%	63.2%	12.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 548: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	1.0%	0.8%	0.2%	0.6%	1.0%	0.6%	0.7%	1.4%	1.2%	1.9%
	2005	0.7%	1.1%	0.8%	1.5%	1.0%	0.0%	0.5%	1.1%	2.5%	1.3%	1.8%
	2006	0.2%	1.0%	0.8%	0.0%	0.7%	1.3%	0.4%	0.9%	1.7%	0.9%	1.1%
	2007	1.2%	1.1%	0.8%	0.8%	0.9%	1.7%	0.7%	0.6%	3.4%	1.1%	1.5%
	2008	1.3%	1.1%	0.8%	0.5%	0.8%	1.0%	0.9%	0.9%	1.7%	1.1%	1.3%
Private Institutions	2004	1.6%	0.8%	0.5%	1.4%	0.6%	3.3%	1.0%	0.5%	1.7%	1.1%	1.0%
	2005	1.6%	0.8%	0.6%	1.0%	0.3%	0.6%	0.9%	0.4%	1.1%	1.1%	0.5%
	2006	1.5%	0.8%	0.5%	1.5%	0.5%	3.9%	0.5%	0.4%	1.1%	1.5%	0.9%
	2007	1.2%	0.7%	0.4%	1.1%	0.3%	1.5%	1.0%	0.4%	1.0%	1.6%	0.0%
	2008	1.9%	0.8%	0.5%	1.0%	0.3%	2.2%	0.9%	0.8%	1.3%	1.5%	0.9%
All Institutions	2004	1.4%	0.9%	0.7%	0.8%	0.6%	2.1%	0.7%	0.6%	1.5%	1.1%	1.8%
	2005	1.4%	1.0%	0.7%	1.2%	0.6%	0.2%	0.6%	0.7%	2.0%	1.2%	1.6%
	2006	1.2%	0.9%	0.7%	0.8%	0.6%	2.4%	0.4%	0.6%	1.5%	1.2%	1.1%
	2007	1.2%	0.9%	0.7%	0.9%	0.6%	1.6%	0.8%	0.5%	2.5%	1.4%	1.2%
	2008	1.8%	1.0%	0.7%	0.8%	0.5%	1.5%	0.9%	0.8%	1.6%	1.4%	1.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 549: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences – Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	146	41	1	2	1	1	4	5	3	2
	2005	1	151	35	2	2	1	0	7	1	2	1
	2006	1	188	41	0	2	0	2	4	2	4	0
	2007	0	156	44	2	6	0	2	0	1	2	3
	2008	1	176	43	1	4	0	1	7	0	1	1
	# Change 04-08	-2	30	2	0	2	-1	0	3	-5	-2	-1
	% Change 04-08	-66.7%	20.5%	4.9%	0.0%	100.0%	-100.0%	0.0%	75.0%	-100.0%	-66.7%	-50.0%
Private Institutions	2004	3	27	2	0	1	0	0	8	1	0	0
	2005	4	42	5	4	3	0	3	10	1	2	0
	2006	7	40	7	2	4	0	0	6	0	1	0
	2007	5	33	4	1	4	0	0	6	0	2	0
	2008	4	45	3	1	2	0	5	6	0	4	0
	# Change 04-08	1	18	1	1	1	0	5	-2	-1	4	0
	% Change 04-08	33.3%	66.7%	50.0%	N/A	100.0%	N/A	N/A	-25.0%	-100.0%	N/A	N/A
All Institutions	2004	6	173	43	1	3	1	1	12	6	3	2
	2005	5	193	40	6	5	1	3	17	2	4	1
	2006	8	228	48	2	6	0	2	10	2	5	0
	2007	5	189	48	3	10	0	2	6	1	4	3
	2008	5	221	46	2	6	0	6	13	0	5	1
	# Change 04-08	-1	48	3	1	3	-1	5	1	-6	2	-1
	% Change 04-08	-16.7%	27.7%	7.0%	100.0%	100.0%	-100.0%	500.0%	8.3%	-100.0%	66.7%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 550: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.7%	1.0%	1.5%	0.9%	0.5%	2.1%	0.3%	0.4%	4.2%	2.1%	0.5%
	2005	0.6%	1.0%	1.2%	1.6%	0.4%	1.6%	0.0%	0.7%	0.9%	1.4%	0.5%
	2006	0.5%	1.1%	1.2%	0.0%	0.4%	0.0%	0.4%	0.4%	1.7%	2.7%	0.0%
	2007	0.0%	0.9%	1.3%	1.4%	1.2%	0.0%	0.5%	0.0%	0.7%	1.1%	1.0%
	2008	0.5%	1.0%	1.1%	0.7%	0.8%	0.0%	0.2%	0.6%	0.0%	0.5%	0.4%
Private Institutions	2004	0.4%	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.2%	1.3%	0.0%	0.0%
	2005	0.5%	0.2%	0.1%	2.2%	0.3%	0.0%	1.2%	0.3%	1.4%	0.6%	0.0%
	2006	0.9%	0.2%	0.2%	1.2%	0.3%	0.0%	0.0%	0.2%	0.0%	0.3%	0.0%
	2007	0.6%	0.2%	0.1%	0.5%	0.3%	0.0%	0.0%	0.2%	0.0%	0.5%	0.0%
	2008	0.5%	0.2%	0.1%	0.5%	0.2%	0.0%	1.6%	0.2%	0.0%	0.9%	0.0%
All Institutions	2004	0.7%	0.5%	0.7%	0.4%	0.3%	0.6%	0.2%	0.3%	3.1%	0.7%	0.4%
	2005	0.6%	0.6%	0.6%	1.9%	0.3%	0.4%	0.4%	0.4%	1.1%	0.8%	0.4%
	2006	0.8%	0.6%	0.7%	0.7%	0.4%	0.0%	0.3%	0.3%	0.9%	1.0%	0.0%
	2007	0.5%	0.5%	0.7%	0.9%	0.6%	0.0%	0.3%	0.2%	0.4%	0.7%	0.8%
	2008	0.5%	0.6%	0.6%	0.6%	0.3%	0.0%	0.7%	0.3%	0.0%	0.8%	0.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 551: Number of Doctor's and First Professional Degrees in Physical Sciences - Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	60	14	1	1	0	0	0	2	2	2
	2005	0	65	15	0	2	0	0	0	3	1	1
	2006	2	86	16	0	4	0	1	1	0	0	0
	2007	0	90	23	0	0	1	1	4	0	2	0
	2008	2	101	17	0	0	1	0	4	2	2	1
	# Change 04-08	1	41	3	-1	-1	1	0	4	0	0	-1
	% Change 04-08	100.0%	68.3%	21.4%	-100.0%	-100.0%	N/A	N/A	N/A	0.0%	0.0%	-50.0%
Private Institutions	2004	6	23	6	0	0	0	0	2	0	2	0
	2005	4	23	4	1	2	0	1	2	2	2	0
	2006	3	18	0	1	2	0	3	3	0	0	1
	2007	3	19	3	0	3	0	1	4	1	0	0
	2008	4	26	3	2	1	0	1	7	0	2	1
	# Change 04-08	-2	3	-3	2	1	0	1	5	0	0	1
	% Change 04-08	-33.3%	13.0%	-50.0%	N/A	N/A	N/A	N/A	250.0%	N/A	0.0%	N/A
All Institutions	2004	7	83	20	1	1	0	0	2	2	4	2
	2005	4	88	19	1	4	0	1	2	5	3	1
	2006	5	104	16	1	6	0	4	4	0	0	1
	2007	3	109	26	0	3	1	2	8	1	2	0
	2008	6	127	20	2	1	1	1	11	2	4	2
	# Change 04-08	-1	44	0	1	0	1	1	9	0	0	0
	% Change 04-08	-14.3%	53.0%	0.0%	100.0%	0.0%	N/A	N/A	450.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 552: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6.7%	2.1%	4.5%	6.3%	1.4%	0.0%	0.0%	0.0%	7.1%	2.2%	2.6%
	2005	0.0%	2.2%	4.5%	0.0%	1.8%	0.0%	0.0%	0.0%	7.5%	1.3%	2.6%
	2006	15.4%	2.8%	4.6%	0.0%	3.9%	0.0%	0.9%	1.2%	0.0%	0.0%	0.0%
	2007	0.0%	2.8%	6.7%	0.0%	0.0%	3.8%	1.0%	4.1%	0.0%	2.2%	0.0%
	2008	11.8%	2.9%	4.9%	0.0%	0.0%	3.6%	0.0%	4.0%	4.0%	2.7%	1.7%
Private Institutions	2004	3.0%	0.6%	1.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	1.9%	0.0%
	2005	1.8%	0.6%	0.6%	2.6%	1.3%	0.0%	2.0%	0.4%	6.7%	1.6%	0.0%
	2006	1.4%	0.5%	0.0%	2.2%	1.2%	0.0%	6.7%	0.6%	0.0%	0.0%	5.6%
	2007	1.2%	0.4%	0.4%	0.0%	1.5%	0.0%	2.1%	0.8%	2.1%	0.0%	0.0%
	2008	1.7%	0.6%	0.4%	4.8%	0.6%	0.0%	3.1%	1.3%	0.0%	1.5%	3.6%
All Institutions	2004	3.3%	1.3%	2.1%	1.4%	0.4%	0.0%	0.0%	0.3%	3.2%	2.1%	2.2%
	2005	1.7%	1.3%	1.8%	1.5%	1.5%	0.0%	0.7%	0.3%	7.1%	1.5%	1.6%
	2006	2.3%	1.5%	1.6%	1.1%	2.2%	0.0%	2.6%	0.7%	0.0%	0.0%	2.2%
	2007	1.1%	1.5%	2.4%	0.0%	0.9%	1.4%	1.4%	1.4%	1.2%	1.0%	0.0%
	2008	2.4%	1.6%	1.9%	3.0%	0.3%	1.0%	0.6%	1.7%	2.3%	2.0%	2.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 553: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences – White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	8	980	170	0	0	4	21	22	10	21	148
	2005	6	1,104	122	1	0	2	18	21	18	16	147
	2006	3	1,157	120	6	0	5	20	24	13	25	162
	2007	3	1,283	182	0	0	3	25	37	17	35	164
	2008	2	1,222	158	1	0	5	40	29	22	36	131
	# Change 04-08	-6	242	-12	1	0	1	19	7	12	15	-17
	% Change 04-08	-75.0%	24.7%	-7.1%	N/A	N/A	25.0%	90.5%	31.8%	120.0%	71.4%	-11.5%
Private Institutions	2004	0	12	0	0	0	0	0	0	0	5	0
	2005	0	7	0	0	0	0	0	0	0	0	0
	2006	0	17	0	0	0	0	0	0	0	9	0
	2007	0	24	0	0	0	0	0	1	0	4	0
	2008	0	21	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	9	0	0	0	0	0	0	0	-3	0
	% Change 04-08	N/A	75.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-60.0%	N/A
All Institutions	2004	8	992	170	0	0	4	21	22	10	26	148
	2005	6	1,111	122	1	0	2	18	21	18	16	147
	2006	3	1,174	120	6	0	5	20	24	13	34	162
	2007	3	1,307	182	0	0	3	25	38	17	39	164
	2008	2	1,243	158	1	0	5	40	29	22	38	131
	# Change 04-08	-6	251	-12	1	0	1	19	7	12	12	-17
	% Change 04-08	-75.0%	25.3%	-7.1%	N/A	N/A	25.0%	90.5%	31.8%	120.0%	46.2%	-11.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 554: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.2%	0.1%	0.0%	0.1%	1.3%
	2005	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.1%	1.3%
	2006	0.0%	0.2%	0.2%	0.2%	0.0%	0.0%	0.2%	0.1%	0.1%	0.2%	1.4%
	2007	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.3%	0.1%	0.1%	0.2%	1.4%
	2008	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.4%	0.1%	0.1%	0.2%	1.1%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	1.0%
	2005	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	1.0%
	2006	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	1.0%
	2007	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.1%	1.0%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.1%	0.1%	0.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 555: Number of Bachelor's Degrees in Physical Sciences - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	127	9,183	636	91	290	226	147	513	505	562	397
	2005	154	9,685	707	108	292	229	162	528	481	627	426
	2006	132	10,155	735	90	316	243	159	564	446	625	370
	2007	140	10,429	697	103	357	279	164	638	493	614	458
	2008	148	10,749	797	96	379	279	186	626	561	728	412
	# Change 04-08	21	1,566	161	5	89	53	39	113	56	166	15
	% Change 04-08	16.5%	17.1%	25.3%	5.5%	30.7%	23.5%	26.5%	22.0%	11.1%	29.5%	3.8%
Private Institutions	2004	413	4,952	253	73	271	234	62	499	147	528	78
	2005	398	5,024	257	88	270	259	64	506	104	561	105
	2006	412	5,216	255	84	299	289	74	583	136	614	109
	2007	392	5,383	244	113	296	281	96	550	136	631	90
	2008	430	5,327	223	100	315	283	69	589	134	596	95
	# Change 04-08	17	375	-30	27	44	49	7	90	-13	68	17
	% Change 04-08	4.1%	7.6%	-11.9%	37.0%	16.2%	20.9%	11.3%	18.0%	-8.8%	12.9%	21.8%
All Institutions	2004	540	14,135	889	164	561	460	209	1,012	652	1,090	475
	2005	552	14,709	964	196	562	488	226	1,034	585	1,188	531
	2006	544	15,371	990	174	615	532	233	1,147	582	1,239	479
	2007	532	15,812	941	216	653	560	260	1,188	629	1,245	548
	2008	578	16,076	1,020	196	694	562	255	1,215	695	1,324	507
	# Change 04-08	38	1,941	131	32	133	102	46	203	43	234	32
	% Change 04-08	7.0%	13.7%	14.7%	19.5%	23.7%	22.2%	22.0%	20.1%	6.6%	21.5%	6.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 556: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.4%	1.5%	1.4%	1.2%	1.6%	1.1%	1.9%	2.3%	1.7%	1.9%
	2005	1.4%	1.4%	1.6%	1.6%	1.2%	1.6%	1.1%	1.9%	2.2%	1.9%	2.0%
	2006	1.2%	1.5%	1.6%	1.2%	1.3%	1.6%	1.1%	2.0%	2.1%	1.8%	1.7%
	2007	1.2%	1.5%	1.5%	1.4%	1.5%	1.8%	1.1%	2.2%	2.3%	1.8%	2.1%
	2008	1.2%	1.5%	1.7%	1.2%	1.5%	1.7%	1.3%	2.1%	2.4%	2.1%	1.9%
Private Institutions	2004	1.8%	1.4%	1.3%	1.1%	1.4%	2.3%	1.1%	1.2%	1.5%	1.6%	1.2%
	2005	1.8%	1.4%	1.3%	1.4%	1.2%	2.5%	1.1%	1.2%	1.1%	1.7%	1.5%
	2006	1.8%	1.4%	1.3%	1.3%	1.2%	2.8%	1.3%	1.4%	1.5%	1.8%	1.5%
	2007	1.7%	1.4%	1.2%	1.7%	1.2%	2.7%	1.6%	1.3%	1.4%	1.8%	1.2%
	2008	1.8%	1.3%	1.1%	1.5%	1.2%	2.6%	1.1%	1.3%	1.4%	1.7%	1.2%
All Institutions	2004	1.6%	1.4%	1.4%	1.2%	1.3%	1.9%	1.1%	1.5%	2.1%	1.7%	1.7%
	2005	1.7%	1.4%	1.5%	1.5%	1.2%	2.0%	1.1%	1.5%	1.9%	1.8%	1.9%
	2006	1.6%	1.4%	1.5%	1.3%	1.3%	2.1%	1.2%	1.6%	1.9%	1.8%	1.7%
	2007	1.5%	1.4%	1.4%	1.5%	1.3%	2.1%	1.3%	1.6%	2.0%	1.8%	1.9%
	2008	1.6%	1.4%	1.5%	1.4%	1.4%	2.0%	1.2%	1.6%	2.1%	1.9%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 557: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	39	2,472	301	21	107	18	12	70	107	90	74
	2005	34	2,549	365	22	86	22	19	77	103	113	77
	2006	43	2,622	320	20	90	35	20	68	118	120	75
	2007	18	2,535	278	25	90	25	25	65	101	77	64
	2008	24	2,568	319	18	104	35	28	59	100	83	90
	# Change 04-08	-15	96	18	-3	-3	17	16	-11	-7	-7	16
	% Change 04-08	-38.5%	3.9%	6.0%	-14.3%	-2.8%	94.4%	133.3%	-15.7%	-6.5%	-7.8%	21.6%
Private Institutions	2004	77	758	50	26	63	0	24	150	14	78	0
	2005	63	788	53	44	53	0	28	164	13	81	0
	2006	94	816	46	56	50	0	27	173	6	83	0
	2007	79	769	51	53	45	0	24	143	8	116	0
	2008	97	781	44	55	50	0	39	169	12	87	1
	# Change 04-08	20	23	-6	29	-13	0	15	19	-2	9	1
	% Change 04-08	26.0%	3.0%	-12.0%	111.5%	-20.6%	N/A	62.5%	12.7%	-14.3%	11.5%	N/A
All Institutions	2004	116	3,230	351	47	170	18	36	220	121	168	74
	2005	97	3,337	418	66	139	22	47	241	116	194	77
	2006	137	3,438	366	76	140	35	47	241	124	203	75
	2007	97	3,304	329	78	135	25	49	208	109	193	64
	2008	121	3,349	363	73	154	35	67	228	112	170	91
	# Change 04-08	5	119	12	26	-16	17	31	8	-9	2	17
	% Change 04-08	4.3%	3.7%	3.4%	55.3%	-9.4%	94.4%	86.1%	3.6%	-7.4%	1.2%	23.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 558: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.3%	2.8%	0.9%	1.5%	0.7%	0.3%	0.6%	1.8%	1.2%	1.1%
	2005	0.9%	1.3%	3.2%	0.8%	1.2%	0.7%	0.5%	0.7%	1.7%	1.6%	1.1%
	2006	1.2%	1.3%	2.7%	0.8%	1.2%	1.0%	0.5%	0.6%	1.9%	1.6%	1.0%
	2007	0.5%	1.3%	2.5%	1.0%	1.2%	0.7%	0.6%	0.5%	1.5%	1.0%	0.8%
	2008	0.6%	1.3%	2.5%	0.6%	1.4%	0.9%	0.7%	0.5%	1.5%	1.1%	1.1%
Private Institutions	2004	0.7%	0.5%	0.3%	0.7%	0.5%	0.0%	0.8%	0.6%	0.6%	0.7%	0.0%
	2005	0.5%	0.5%	0.3%	1.1%	0.3%	0.0%	0.9%	0.7%	0.6%	0.7%	0.0%
	2006	0.8%	0.4%	0.3%	1.5%	0.3%	0.0%	0.8%	0.7%	0.3%	0.7%	0.0%
	2007	0.7%	0.4%	0.3%	1.4%	0.3%	0.0%	0.7%	0.6%	0.3%	0.9%	0.0%
	2008	0.8%	0.4%	0.3%	1.5%	0.3%	0.0%	1.1%	0.7%	0.5%	0.6%	0.0%
All Institutions	2004	0.8%	0.9%	1.2%	0.8%	0.8%	0.2%	0.5%	0.6%	1.5%	0.9%	0.9%
	2005	0.6%	0.9%	1.5%	1.0%	0.6%	0.2%	0.6%	0.7%	1.4%	1.0%	0.8%
	2006	0.9%	0.9%	1.3%	1.2%	0.6%	0.3%	0.6%	0.7%	1.4%	1.0%	0.8%
	2007	0.6%	0.9%	1.2%	1.3%	0.6%	0.2%	0.6%	0.6%	1.2%	0.9%	0.6%
	2008	0.7%	0.9%	1.3%	1.1%	0.6%	0.3%	0.9%	0.6%	1.2%	0.8%	0.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 559: Number of Doctor's and First Professional Degrees in Physical Sciences - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17	1,304	196	3	39	29	14	34	54	52	32
	2005	14	1,324	211	5	55	37	5	30	39	59	36
	2006	23	1,434	234	8	60	30	10	34	47	57	38
	2007	16	1,501	231	6	73	34	13	47	54	65	43
	2008	9	1,444	253	4	56	34	8	44	46	54	33
	# Change 04-08	-8	140	57	1	17	5	-6	10	-8	2	1
	% Change 04-08	-47.1%	10.7%	29.1%	33.3%	43.6%	17.2%	-42.9%	29.4%	-14.8%	3.8%	3.1%
Private Institutions	2004	93	486	86	22	37	0	23	83	21	18	0
	2005	93	477	100	9	33	0	20	78	19	25	0
	2006	106	512	87	14	38	0	26	86	20	35	0
	2007	116	541	90	19	36	0	20	73	16	43	1
	2008	114	578	84	22	53	0	31	101	23	40	0
	# Change 04-08	21	92	-2	0	16	0	8	18	2	22	0
	% Change 04-08	22.6%	18.9%	-2.3%	0.0%	43.2%	N/A	34.8%	21.7%	9.5%	122.2%	N/A
All Institutions	2004	110	1,790	282	25	76	29	37	117	75	70	32
	2005	107	1,801	311	14	88	37	25	108	58	84	36
	2006	129	1,946	321	22	98	30	36	120	67	92	38
	2007	132	2,042	321	25	109	34	33	120	70	108	44
	2008	123	2,022	337	26	109	34	39	145	69	94	33
	# Change 04-08	13	232	55	1	33	5	2	28	-6	24	1
	% Change 04-08	11.8%	13.0%	19.5%	4.0%	43.4%	17.2%	5.4%	23.9%	-8.0%	34.3%	3.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 560: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.5%	3.2%	7.7%	0.7%	3.0%	3.2%	1.5%	2.4%	4.4%	2.6%	1.9%
	2005	4.6%	3.1%	8.7%	1.2%	4.2%	3.6%	0.6%	2.0%	3.2%	3.0%	2.1%
	2006	8.2%	3.3%	9.3%	1.8%	4.6%	2.9%	1.2%	2.3%	3.8%	2.8%	2.1%
	2007	5.0%	3.4%	9.0%	1.5%	5.3%	3.1%	1.5%	3.2%	4.3%	3.2%	2.4%
	2008	3.0%	3.2%	9.1%	1.0%	4.2%	3.4%	0.9%	3.0%	3.4%	2.6%	1.9%
Private Institutions	2004	2.7%	1.1%	1.8%	3.6%	1.2%	0.0%	3.7%	1.5%	2.1%	0.6%	0.0%
	2005	2.6%	1.0%	1.9%	1.4%	1.0%	0.0%	2.7%	1.3%	1.8%	0.8%	0.0%
	2006	2.9%	1.1%	1.8%	2.3%	1.2%	0.0%	3.9%	1.5%	2.0%	1.1%	0.0%
	2007	3.0%	1.1%	1.8%	3.3%	1.1%	0.0%	2.9%	1.3%	1.5%	1.2%	0.1%
	2008	3.2%	1.2%	1.7%	3.7%	1.6%	0.0%	4.8%	1.8%	2.2%	1.2%	0.0%
All Institutions	2004	2.9%	2.1%	3.8%	2.4%	1.8%	1.4%	2.4%	1.7%	3.4%	1.5%	1.3%
	2005	2.8%	2.0%	4.0%	1.3%	2.0%	1.7%	1.5%	1.5%	2.5%	1.7%	1.3%
	2006	3.2%	2.2%	4.3%	2.1%	2.2%	1.3%	2.4%	1.7%	3.0%	1.7%	1.3%
	2007	3.1%	2.2%	4.3%	2.5%	2.3%	1.3%	2.1%	1.7%	3.0%	2.0%	1.6%
	2008	3.2%	2.2%	4.3%	2.6%	2.3%	1.3%	2.5%	2.0%	2.9%	1.7%	1.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 561: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	94	27	0	0	0	6	0	0	0	2
	2005	0	117	22	0	0	0	12	2	0	0	0
	2006	2	137	27	0	0	0	12	1	0	1	0
	2007	1	108	13	0	0	0	3	1	0	0	0
	2008	0	137	22	0	0	0	5	0	0	0	0
	# Change 04-08	0	43	-5	0	0	0	-1	0	0	0	-2
	% Change 04-08	N/A	45.7%	-18.5%	N/A	N/A	N/A	-16.7%	N/A	N/A	N/A	-100.0%
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	94	27	0	0	0	6	0	0	0	2
	2005	0	117	22	0	0	0	12	2	0	0	0
	2006	2	137	27	0	0	0	12	1	0	1	0
	2007	1	109	13	0	0	0	3	1	0	0	0
	2008	0	137	22	0	0	0	5	0	0	0	0
	# Change 04-08	0	43	-5	0	0	0	-1	0	0	0	-2
	% Change 04-08	N/A	45.7%	-18.5%	N/A	N/A	N/A	-16.7%	N/A	N/A	N/A	-100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 562: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.6%	0.6%	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	0.0%	1.0%
	2005	0.0%	0.7%	0.5%	0.0%	0.0%	0.0%	1.7%	0.1%	0.0%	0.0%	0.0%
	2006	0.9%	0.9%	0.7%	0.0%	0.0%	0.0%	2.3%	0.1%	0.0%	0.6%	0.0%
	2007	0.4%	0.7%	0.4%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.9%	0.7%	0.0%	0.0%	0.0%	0.9%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.4%	0.5%	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.9%
	2005	0.0%	0.6%	0.4%	0.0%	0.0%	0.0%	1.6%	0.1%	0.0%	0.0%	0.0%
	2006	0.6%	0.7%	0.5%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%	0.3%	0.0%
	2007	0.3%	0.5%	0.2%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.6%	0.5%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 563: Number of Bachelor's Degrees in Physical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	6	400	43	2	7	12	17	57	13	13	12
	2005	8	472	45	3	17	20	13	79	7	18	22
	2006	6	524	67	3	14	20	12	78	5	16	25
	2007	3	505	68	3	16	10	6	93	9	8	16
	2008	5	503	53	1	9	28	10	99	8	9	17
	# Change 04-08	-1	103	10	-1	2	16	-7	42	-5	-4	5
	% Change 04-08	-16.7%	25.8%	23.3%	-50.0%	28.6%	133.3%	-41.2%	73.7%	-38.5%	-30.8%	41.7%
Private Institutions	2004	33	299	21	16	18	15	6	33	4	31	3
	2005	39	349	17	7	24	25	10	30	9	23	5
	2006	66	399	20	12	25	19	13	39	7	35	3
	2007	41	375	24	11	28	17	11	51	11	22	7
	2008	51	409	25	15	33	21	14	50	13	31	5
	# Change 04-08	18	110	4	-1	15	6	8	17	9	0	2
	% Change 04-08	54.5%	36.8%	19.0%	-6.3%	83.3%	40.0%	133.3%	51.5%	225.0%	0.0%	66.7%
All Institutions	2004	39	699	64	18	25	27	23	90	17	44	15
	2005	47	821	62	10	41	45	23	109	16	41	27
	2006	72	923	87	15	39	39	25	117	12	51	28
	2007	44	880	92	14	44	27	17	144	20	30	23
	2008	56	912	78	16	42	49	24	149	21	40	22
	# Change 04-08	17	213	14	-2	17	22	1	59	4	-4	7
	% Change 04-08	43.6%	30.5%	21.9%	-11.1%	68.0%	81.5%	4.3%	65.6%	23.5%	-9.1%	46.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 564: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.5%	1.5%	1.1%	1.9%	1.2%	1.5%	2.3%	2.6%	2.5%	1.8%	1.5%
	2005	2.2%	1.7%	1.1%	1.4%	1.9%	2.9%	2.1%	3.4%	1.9%	2.3%	2.9%
	2006	1.7%	1.9%	1.6%	1.7%	1.8%	2.8%	1.8%	3.2%	1.1%	2.1%	3.6%
	2007	1.0%	2.0%	1.6%	2.6%	2.5%	1.5%	1.2%	3.5%	2.8%	1.3%	3.3%
	2008	1.8%	1.9%	1.3%	0.8%	1.4%	4.8%	1.9%	3.3%	1.9%	1.5%	2.6%
Private Institutions	2004	1.4%	1.4%	1.1%	3.6%	1.7%	4.9%	1.7%	1.1%	1.3%	2.1%	1.4%
	2005	1.9%	1.7%	0.8%	1.8%	2.3%	7.3%	3.2%	1.1%	3.4%	1.6%	1.8%
	2006	3.2%	1.8%	0.9%	2.8%	2.5%	5.5%	4.9%	1.5%	2.5%	2.5%	1.0%
	2007	1.9%	1.6%	1.0%	2.6%	2.9%	6.2%	3.5%	1.8%	3.9%	1.5%	2.6%
	2008	2.5%	1.9%	1.2%	4.0%	3.9%	6.6%	3.5%	1.8%	4.1%	2.1%	1.5%
All Institutions	2004	1.4%	1.5%	1.1%	3.3%	1.5%	2.5%	2.1%	1.7%	2.1%	2.0%	1.4%
	2005	1.9%	1.7%	1.0%	1.7%	2.1%	4.4%	2.4%	2.1%	2.5%	1.8%	2.6%
	2006	2.9%	1.9%	1.3%	2.5%	2.2%	3.7%	2.6%	2.3%	1.6%	2.4%	2.8%
	2007	1.8%	1.8%	1.4%	2.6%	2.7%	2.9%	2.1%	2.6%	3.3%	1.4%	3.1%
	2008	2.4%	1.9%	1.3%	3.1%	2.8%	5.4%	2.6%	2.6%	2.9%	1.9%	2.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 565: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	51	1,153	83	11	52	18	14	56	22	33	22
	2005	24	1,219	129	14	49	9	16	67	20	38	26
	2006	31	1,192	109	8	47	16	12	61	20	40	31
	2007	45	1,179	98	11	60	13	20	61	17	56	20
	2008	34	1,194	91	14	79	25	21	68	21	38	32
	# Change 04-08	-17	41	8	3	27	7	7	12	-1	5	10
	% Change 04-08	-33.3%	3.6%	9.6%	27.3%	51.9%	38.9%	50.0%	21.4%	-4.5%	15.2%	45.5%
Private Institutions	2004	66	528	65	18	45	0	37	135	0	32	0
	2005	58	496	27	34	37	0	28	151	0	24	0
	2006	67	566	30	37	41	0	25	149	1	31	0
	2007	64	493	32	22	39	0	37	114	0	20	0
	2008	74	518	36	24	29	0	46	124	1	30	0
	# Change 04-08	8	-10	-29	6	-16	0	9	-11	1	-2	0
	% Change 04-08	12.1%	-1.9%	-44.6%	33.3%	-35.6%	N/A	24.3%	-8.1%	N/A	-6.3%	N/A
All Institutions	2004	117	1,681	148	29	97	18	51	191	22	65	22
	2005	82	1,715	156	48	86	9	44	218	20	62	26
	2006	98	1,758	139	45	88	16	37	210	21	71	31
	2007	109	1,672	130	33	99	13	57	175	17	76	20
	2008	108	1,712	127	38	108	25	67	192	22	68	32
	# Change 04-08	-9	31	-21	9	11	7	16	1	0	3	10
	% Change 04-08	-7.7%	1.8%	-14.2%	31.0%	11.3%	38.9%	31.4%	0.5%	0.0%	4.6%	45.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 566: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7.3%	2.7%	1.9%	4.5%	2.1%	2.5%	1.3%	2.3%	2.5%	2.9%	1.9%
	2005	5.1%	3.0%	3.0%	4.8%	2.2%	1.3%	1.6%	2.8%	2.9%	3.3%	2.3%
	2006	6.4%	3.1%	2.8%	2.9%	2.2%	2.4%	1.2%	2.7%	2.5%	4.0%	2.7%
	2007	8.6%	3.3%	2.8%	4.5%	3.0%	1.9%	2.4%	2.7%	2.2%	5.7%	2.7%
	2008	6.0%	3.1%	2.5%	5.3%	3.2%	3.3%	2.1%	2.8%	2.2%	3.6%	2.7%
Private Institutions	2004	1.6%	1.5%	1.5%	1.8%	1.2%	0.0%	4.9%	1.7%	0.0%	1.3%	0.0%
	2005	1.5%	1.4%	0.6%	3.2%	1.1%	0.0%	4.0%	2.0%	0.0%	1.2%	0.0%
	2006	1.8%	1.5%	0.7%	3.9%	1.3%	0.0%	3.0%	1.9%	0.5%	1.3%	0.0%
	2007	1.7%	1.3%	0.7%	2.4%	1.3%	0.0%	4.4%	1.4%	0.0%	0.8%	0.0%
	2008	1.8%	1.4%	0.8%	2.1%	0.9%	0.0%	4.5%	1.4%	0.5%	1.2%	0.0%
All Institutions	2004	2.4%	2.1%	1.7%	2.3%	1.6%	1.8%	2.8%	1.9%	2.0%	1.8%	1.6%
	2005	1.9%	2.2%	1.8%	3.6%	1.6%	0.9%	2.6%	2.2%	2.3%	1.9%	1.9%
	2006	2.3%	2.3%	1.7%	3.6%	1.6%	1.7%	2.0%	2.1%	2.1%	2.1%	2.3%
	2007	2.6%	2.3%	1.7%	2.8%	2.0%	1.4%	3.4%	1.7%	1.8%	2.2%	2.2%
	2008	2.3%	2.2%	1.5%	2.7%	1.8%	2.5%	3.3%	1.7%	1.9%	1.9%	2.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 567: Number of Doctor's and First Professional Degrees in Physical Sciences - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25	1,069	76	11	36	16	34	70	19	39	18
	2005	22	1,145	96	12	39	15	25	71	21	49	27
	2006	26	1,339	111	23	71	23	30	69	21	45	30
	2007	29	1,472	115	25	24	33	29	96	39	44	32
	2008	25	1,469	111	22	52	19	31	79	19	57	37
	# Change 04-08	0	400	35	11	16	3	-3	9	0	18	19
	% Change 04-08	0.0%	37.4%	46.1%	100.0%	44.4%	18.8%	-8.8%	12.9%	0.0%	46.2%	105.6%
Private Institutions	2004	83	461	67	16	25	0	32	86	2	39	0
	2005	102	617	86	19	59	0	37	129	3	41	0
	2006	110	637	110	15	62	0	30	106	0	47	0
	2007	133	675	81	19	48	0	35	120	6	42	0
	2008	118	644	82	22	44	0	26	122	0	43	0
	# Change 04-08	35	183	15	6	19	0	-6	36	-2	4	0
	% Change 04-08	42.2%	39.7%	22.4%	37.5%	76.0%	N/A	-18.8%	41.9%	-100.0%	10.3%	N/A
All Institutions	2004	108	1,530	143	27	61	16	66	156	21	78	18
	2005	124	1,762	182	31	98	15	62	200	24	90	27
	2006	136	1,976	221	38	133	23	60	175	21	92	30
	2007	162	2,147	196	44	72	33	64	216	45	86	32
	2008	143	2,113	193	44	96	19	57	201	19	100	37
	# Change 04-08	35	583	50	17	35	3	-9	45	-2	22	19
	% Change 04-08	32.4%	38.1%	35.0%	63.0%	57.4%	18.8%	-13.6%	28.8%	-9.5%	28.2%	105.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 568: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.0%	11.8%	10.0%	12.6%	9.1%	8.1%	13.8%	17.7%	8.5%	8.4%	8.2%
	2005	19.6%	11.2%	10.2%	10.6%	8.0%	6.3%	10.4%	15.1%	8.5%	9.7%	9.1%
	2006	20.2%	11.6%	10.6%	17.4%	12.4%	8.0%	10.9%	13.4%	6.7%	8.7%	9.2%
	2007	21.2%	11.9%	9.7%	17.1%	7.2%	10.4%	10.2%	18.9%	11.9%	7.8%	10.0%
	2008	15.6%	11.6%	9.9%	15.4%	8.6%	6.8%	10.0%	13.6%	6.4%	10.1%	9.7%
Private Institutions	2004	10.7%	8.1%	7.4%	10.6%	4.9%	0.0%	17.4%	8.1%	8.3%	9.6%	0.0%
	2005	12.4%	10.0%	9.4%	13.2%	11.4%	0.0%	20.2%	11.3%	7.3%	7.8%	0.0%
	2006	12.1%	9.7%	10.7%	11.5%	12.2%	0.0%	14.2%	8.7%	0.0%	9.1%	0.0%
	2007	14.2%	10.1%	7.9%	14.0%	8.9%	0.0%	18.0%	9.2%	17.6%	8.4%	0.0%
	2008	12.2%	9.6%	7.8%	15.2%	8.5%	0.0%	13.9%	9.1%	0.0%	9.0%	0.0%
All Institutions	2004	12.0%	10.4%	8.6%	11.3%	6.7%	6.8%	15.3%	10.7%	8.5%	8.9%	6.8%
	2005	13.3%	10.7%	9.8%	12.1%	9.8%	5.4%	14.7%	12.4%	8.3%	8.8%	8.3%
	2006	13.1%	10.9%	10.7%	14.5%	12.3%	7.1%	12.3%	10.1%	6.2%	8.9%	8.2%
	2007	15.1%	11.3%	8.9%	15.6%	8.3%	8.5%	13.4%	11.9%	12.5%	8.1%	9.1%
	2008	12.7%	10.9%	8.9%	15.3%	8.6%	5.9%	11.4%	10.5%	5.8%	9.6%	9.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 569: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences – Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25	1,655	448	0	0	4	62	25	11	22	178
	2005	11	1,675	297	1	0	2	55	27	18	25	181
	2006	9	1,912	389	6	0	5	59	35	18	61	190
	2007	14	2,090	409	0	0	4	83	44	17	79	196
	2008	4	2,047	425	1	0	5	92	34	23	91	164
	# Change 04-08	-21	392	-23	1	0	1	30	9	12	69	-14
	% Change 04-08	-84.0%	23.7%	-5.1%	N/A	N/A	25.0%	48.4%	36.0%	109.1%	313.6%	-7.9%
Private Institutions	2004	0	42	0	0	0	0	0	0	0	5	0
	2005	0	41	0	0	0	0	0	0	0	0	0
	2006	0	18	0	0	0	0	0	0	0	9	0
	2007	0	28	0	0	0	0	0	2	0	6	0
	2008	0	30	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	-12	0	0	0	0	0	0	0	-3	0
	% Change 04-08	N/A	-28.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-60.0%	N/A
All Institutions	2004	25	1,697	448	0	0	4	62	25	11	27	178
	2005	11	1,716	297	1	0	2	55	27	18	25	181
	2006	9	1,930	389	6	0	5	59	35	18	70	190
	2007	14	2,118	409	0	0	4	83	46	17	85	196
	2008	4	2,077	425	1	0	5	92	34	23	93	164
	# Change 04-08	-21	380	-23	1	0	1	30	9	12	66	-14
	% Change 04-08	-84.0%	22.4%	-5.1%	N/A	N/A	25.0%	48.4%	36.0%	109.1%	244.4%	-7.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 570: Associate's Degrees and Certificates Below Bachelor's Degrees in Physical Sciences as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.2%	0.4%	0.0%	0.0%	0.0%	0.4%	0.1%	0.0%	0.1%	1.2%
	2005	0.1%	0.2%	0.2%	0.0%	0.0%	0.0%	0.4%	0.1%	0.1%	0.1%	1.2%
	2006	0.1%	0.2%	0.3%	0.1%	0.0%	0.0%	0.4%	0.1%	0.1%	0.3%	1.2%
	2007	0.1%	0.2%	0.3%	0.0%	0.0%	0.0%	0.5%	0.1%	0.1%	0.4%	1.2%
	2008	0.0%	0.2%	0.3%	0.0%	0.0%	0.0%	0.6%	0.1%	0.1%	0.4%	0.9%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2005	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2006	0.0%	0.1%	0.2%	0.1%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.7%
	2007	0.1%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%	0.2%	0.7%
	2008	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%	0.3%	0.0%	0.1%	0.2%	0.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 571: Number of Bachelor's Degrees in Physical Sciences - Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	166	12,192	1,272	108	371	278	218	679	643	628	527
	2005	184	12,905	1,454	135	380	270	223	751	637	683	582
	2006	169	13,787	1,537	107	411	314	236	804	579	727	509
	2007	191	14,364	1,607	122	482	338	273	887	704	721	638
	2008	195	15,005	1,772	116	490	333	290	904	746	850	593
	# Change 04-08	29	2,813	500	8	119	55	72	225	103	222	66
	% Change 04-08	17.5%	23.1%	39.3%	7.4%	32.1%	19.8%	33.0%	33.1%	16.0%	35.4%	12.5%
Private Institutions	2004	602	6,528	365	90	347	257	94	661	194	612	100
	2005	585	6,665	402	116	339	289	97	687	152	653	127
	2006	650	6,984	410	126	374	319	106	791	190	733	131
	2007	601	7,230	376	155	397	313	134	765	179	780	115
	2008	678	7,371	395	154	437	328	108	844	184	741	121
	# Change 04-08	76	843	30	64	90	71	14	183	-10	129	21
	% Change 04-08	12.6%	12.9%	8.2%	71.1%	25.9%	27.6%	14.9%	27.7%	-5.2%	21.1%	21.0%
All Institutions	2004	768	18,720	1,637	198	718	535	312	1,340	837	1,240	627
	2005	769	19,570	1,856	251	719	559	320	1,438	789	1,336	709
	2006	819	20,771	1,947	233	785	633	342	1,595	769	1,460	640
	2007	792	21,594	1,983	277	879	651	407	1,652	883	1,501	753
	2008	873	22,376	2,167	270	927	661	398	1,748	930	1,591	714
	# Change 04-08	105	3,656	530	72	209	126	86	408	93	351	87
	% Change 04-08	13.7%	19.5%	32.4%	36.4%	29.1%	23.6%	27.6%	30.4%	11.1%	28.3%	13.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 572: Bachelor's Degrees in Physical Sciences as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.2%	1.3%	1.2%	1.3%	1.2%	1.6%	1.0%	1.6%	2.2%	1.7%	1.9%
	2005	1.3%	1.4%	1.3%	1.5%	1.2%	1.5%	1.0%	1.6%	2.2%	1.7%	2.0%
	2006	1.2%	1.4%	1.4%	1.1%	1.3%	1.7%	1.0%	1.7%	2.0%	1.8%	1.7%
	2007	1.3%	1.4%	1.4%	1.2%	1.4%	1.8%	1.2%	1.8%	2.3%	1.8%	2.1%
	2008	1.3%	1.5%	1.5%	1.1%	1.4%	1.7%	1.2%	1.8%	2.3%	2.1%	1.9%
Private Institutions	2004	1.8%	1.3%	1.0%	1.0%	1.2%	2.3%	1.1%	1.0%	1.4%	1.5%	1.1%
	2005	1.8%	1.2%	1.0%	1.4%	1.0%	2.4%	1.1%	1.0%	1.2%	1.6%	1.3%
	2006	1.9%	1.3%	1.1%	1.4%	1.0%	2.7%	1.2%	1.2%	1.4%	1.7%	1.3%
	2007	1.7%	1.2%	0.9%	1.7%	1.0%	2.5%	1.5%	1.1%	1.3%	1.8%	1.1%
	2008	1.9%	1.2%	0.9%	1.6%	1.2%	2.5%	1.1%	1.2%	1.3%	1.7%	1.1%
All Institutions	2004	1.6%	1.3%	1.1%	1.1%	1.2%	1.9%	1.0%	1.2%	2.0%	1.6%	1.7%
	2005	1.6%	1.3%	1.3%	1.5%	1.1%	1.9%	1.0%	1.3%	1.9%	1.7%	1.9%
	2006	1.7%	1.4%	1.3%	1.3%	1.1%	2.1%	1.1%	1.4%	1.8%	1.8%	1.6%
	2007	1.6%	1.4%	1.3%	1.4%	1.2%	2.0%	1.3%	1.4%	2.0%	1.8%	1.8%
	2008	1.7%	1.4%	1.4%	1.4%	1.3%	2.0%	1.2%	1.5%	2.0%	1.9%	1.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 573: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences – Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	52	3,075	456	26	123	24	21	98	130	103	92
	2005	47	3,227	554	31	96	24	30	119	118	123	95
	2006	53	3,372	509	23	106	37	34	100	136	132	104
	2007	23	3,284	486	32	113	28	32	88	120	89	87
	2008	32	3,354	511	21	132	41	37	82	129	92	104
	# Change 04-08	-20	279	55	-5	9	17	16	-16	-1	-11	12
	% Change 04-08	-38.5%	9.1%	12.1%	-19.2%	7.3%	70.8%	76.2%	-16.3%	-0.8%	-10.7%	13.0%
Private Institutions	2004	110	987	68	39	75	0	39	196	22	106	1
	2005	109	1,053	71	65	64	0	40	219	21	109	1
	2006	150	1,079	67	76	64	0	34	230	10	109	1
	2007	129	1,068	76	72	65	0	38	194	14	149	2
	2008	157	1,140	65	74	59	0	68	227	19	119	3
	# Change 04-08	47	153	-3	35	-16	0	29	31	-3	13	2
	% Change 04-08	42.7%	15.5%	-4.4%	89.7%	-21.3%	N/A	74.4%	15.8%	-13.6%	12.3%	200.0%
All Institutions	2004	162	4,062	524	65	198	24	60	294	152	209	93
	2005	156	4,280	625	96	160	24	70	338	139	232	96
	2006	203	4,451	576	99	170	37	68	330	146	241	105
	2007	152	4,352	562	104	178	28	70	282	134	238	89
	2008	189	4,494	576	95	191	41	105	309	148	211	107
	# Change 04-08	27	432	52	30	-7	17	45	15	-4	2	14
	% Change 04-08	16.7%	10.6%	9.9%	46.2%	-3.5%	70.8%	75.0%	5.1%	-2.6%	1.0%	15.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 574: Certificates Above Bachelor's Degrees and Master's Degrees in Physical Sciences as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1.1%	1.2%	2.1%	0.8%	1.3%	0.7%	0.4%	0.6%	1.7%	1.2%	1.1%
	2005	1.0%	1.2%	2.4%	0.9%	1.0%	0.6%	0.5%	0.7%	1.5%	1.4%	1.0%
	2006	1.1%	1.2%	2.1%	0.7%	1.1%	0.8%	0.5%	0.6%	1.7%	1.4%	1.0%
	2007	0.5%	1.2%	2.0%	1.0%	1.1%	0.6%	0.5%	0.5%	1.4%	0.9%	0.8%
	2008	0.6%	1.2%	1.9%	0.6%	1.3%	0.8%	0.6%	0.5%	1.5%	0.9%	1.0%
Private Institutions	2004	0.5%	0.4%	0.2%	0.8%	0.4%	0.0%	0.8%	0.5%	0.7%	0.7%	0.0%
	2005	0.5%	0.4%	0.2%	1.2%	0.3%	0.0%	0.7%	0.6%	0.7%	0.7%	0.0%
	2006	0.7%	0.4%	0.2%	1.4%	0.3%	0.0%	0.6%	0.5%	0.3%	0.6%	0.0%
	2007	0.6%	0.3%	0.2%	1.4%	0.3%	0.0%	0.7%	0.5%	0.4%	0.8%	0.1%
	2008	0.7%	0.4%	0.2%	1.5%	0.2%	0.0%	1.1%	0.6%	0.5%	0.6%	0.1%
All Institutions	2004	0.7%	0.8%	1.0%	0.8%	0.7%	0.2%	0.6%	0.5%	1.4%	0.9%	0.8%
	2005	0.6%	0.8%	1.2%	1.1%	0.5%	0.2%	0.6%	0.6%	1.3%	0.9%	0.8%
	2006	0.8%	0.8%	1.0%	1.1%	0.5%	0.2%	0.6%	0.6%	1.3%	0.9%	0.8%
	2007	0.6%	0.7%	1.0%	1.2%	0.5%	0.2%	0.6%	0.5%	1.1%	0.9%	0.6%
	2008	0.7%	0.7%	1.0%	1.1%	0.5%	0.2%	0.8%	0.5%	1.2%	0.7%	0.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

**Table III - 575: Number of Doctor's and First Professional Degrees in Physical Sciences - Resident Students
(MASSIP 2009 Indicator 23)**

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	24	1,638	266	7	47	36	21	44	63	62	44
	2005	30	1,707	308	8	69	40	13	44	46	64	42
	2006	33	1,856	322	12	76	34	21	37	52	70	46
	2007	23	1,978	342	10	97	36	17	68	60	74	57
	2008	18	1,910	354	9	60	40	16	56	53	65	47
	# Change 04-08	-6	272	88	2	13	4	-5	12	-10	3	3
	% Change 04-08	-25.0%	16.6%	33.1%	28.6%	27.7%	11.1%	-23.8%	27.3%	-15.9%	4.8%	6.8%
Private Institutions	2004	134	657	113	29	42	0	28	111	30	34	0
	2005	135	653	126	15	44	0	27	99	35	39	1
	2006	142	672	107	17	49	0	34	100	39	48	1
	2007	172	731	122	22	45	0	29	96	33	49	2
	2008	165	802	124	32	64	0	39	129	34	54	4
	# Change 04-08	31	145	11	3	22	0	11	18	4	20	4
	% Change 04-08	23.1%	22.1%	9.7%	10.3%	52.4%	N/A	39.3%	16.2%	13.3%	58.8%	N/A
All Institutions	2004	158	2,295	379	36	89	36	49	155	93	96	44
	2005	165	2,360	434	23	113	40	40	143	81	103	43
	2006	175	2,528	429	29	125	34	55	137	91	118	47
	2007	195	2,709	464	32	142	36	46	164	93	123	59
	2008	183	2,712	478	41	124	40	55	185	87	119	51
	# Change 04-08	25	417	99	5	35	4	6	30	-6	23	7
	% Change 04-08	15.8%	18.2%	26.1%	13.9%	39.3%	11.1%	12.2%	19.4%	-6.5%	24.0%	15.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 576: Doctor's and First Professional Degrees in Physical Sciences as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 23)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5.8%	3.0%	5.8%	1.3%	2.6%	3.2%	1.3%	2.1%	4.0%	2.4%	2.0%
	2005	7.2%	3.0%	6.9%	1.5%	3.7%	3.3%	0.9%	2.1%	2.9%	2.5%	1.9%
	2006	9.2%	3.2%	6.9%	1.9%	4.0%	2.7%	1.4%	1.7%	3.2%	2.6%	2.0%
	2007	5.4%	3.2%	7.1%	1.7%	4.4%	2.7%	1.1%	3.2%	3.6%	2.8%	2.5%
	2008	4.7%	3.0%	6.8%	1.6%	3.0%	3.1%	0.9%	2.6%	3.0%	2.3%	1.9%
Private Institutions	2004	2.5%	1.0%	1.4%	3.3%	1.0%	0.0%	3.4%	1.3%	2.3%	0.9%	0.0%
	2005	2.4%	1.0%	1.4%	1.7%	1.0%	0.0%	2.7%	1.1%	2.5%	0.9%	0.1%
	2006	2.4%	1.0%	1.3%	1.9%	1.1%	0.0%	3.7%	1.1%	2.8%	1.1%	0.1%
	2007	2.7%	1.0%	1.4%	2.4%	0.9%	0.0%	3.0%	1.0%	2.1%	1.0%	0.1%
	2008	2.8%	1.1%	1.4%	3.7%	1.3%	0.0%	4.4%	1.3%	2.2%	1.1%	0.2%
All Institutions	2004	2.7%	1.9%	3.0%	2.6%	1.5%	1.5%	2.0%	1.4%	3.2%	1.5%	1.3%
	2005	2.7%	1.9%	3.3%	1.6%	1.8%	1.5%	1.6%	1.2%	2.7%	1.5%	1.2%
	2006	2.8%	2.0%	3.3%	1.9%	1.9%	1.1%	2.3%	1.2%	3.0%	1.6%	1.3%
	2007	2.9%	2.0%	3.4%	2.1%	2.0%	1.0%	1.8%	1.4%	2.9%	1.7%	1.5%
	2008	2.9%	2.0%	3.4%	2.8%	1.8%	1.1%	2.1%	1.6%	2.6%	1.6%	1.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

In 2008, 0.0% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in Physical Sciences. This percentage was lower than the national average (0.1%) and lower than in five of the nine comparison states (Virginia had the highest percentage at 0.6%). Among female students in Massachusetts, the percentage was 0.0%. This was lower than the national average among female students (0.1%) and lower than in four of the comparison states (Virginia had the highest percentage among female students at 0.6%). Among male students in Massachusetts, the percentage was 0.0%. This was lower than the national average among male students (0.2%) and lower than in six of the comparison states (Virginia had the highest percentage among male students at 0.6%). Among Asian students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Asian students (0.4%) and lower than in four of the comparison states (Pennsylvania had the highest percentage among Asian students at 2.5%). Among Black students in Massachusetts, the percentage was 0.1%. This was equal to the national average among Black students (0.1%) but lower than in two of the comparison states (Virginia had the highest percentage among Black students at 0.3%). Among Hispanic students in Massachusetts, the percentage was 0.0%. This was lower than the national average among Hispanic students (0.1%) and lower than in four of the comparison states (Virginia had the highest percentage among Hispanic students at 0.5%). Among White students in Massachusetts, the percentage was 0.0%. This was lower than the national average among White students (0.1%) and lower than in six of the comparison states (Virginia had the highest percentage among White students at 0.8%).

In 2008, female students earned 50.0% of the Associate's Degrees and Certificates below Bachelor's degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 41.4% for degrees earned by female students and higher than the percentage in five of the nine comparison states (Virginia had the highest percentage of degrees earned by female students at 67.1%). Male students earned 50.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 58.6% for degrees earned by male students and lower than the percentage in six of the comparison states (Connecticut had the highest percentage of degrees earned by male students at 100.0%). Asian students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 14.0% for degrees earned by Asian students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Asian students at 33.6%). Black students earned 50.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 5.4% for degrees earned by Black students and higher than the percentage in all of the comparison states. Hispanic students earned 0.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 10.0% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 13.6%). White students earned 50.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 56.1% for degrees earned by White students and lower than the percentage in five of the comparison states (Connecticut and Minnesota had the highest percentage of degrees earned by White students at 100.0%).

In 2008, 1.7% of all Bachelor's degrees granted in Massachusetts were in Physical Sciences. This percentage was higher than the national average (1.4%) and higher than the percentage in five of the nine comparison states (Minnesota had the highest percentage at 2.1%). Among female students in Massachusetts, the percentage was 1.4%. This was higher than the national average among female students (1.0%) and higher than in eight of the comparison states (North Carolina had the highest percentage among female students at 1.6%). Among male students in Massachusetts, the percentage was 2.2%. This was higher than the national average among male students (1.9%) and higher than in four of the comparison states (Minnesota had the highest percentage among male students at 3.2%).



Among Asian students in Massachusetts, the percentage was 2.8%. This was higher than the national average among Asian students (2.0%) and higher than in six of the comparison states (North Carolina had the highest percentage among Asian students at 5.1%). Among Black students in Massachusetts, the percentage was 1.0%. This was higher than the national average among Black students (0.8%) and higher than in seven of the comparison states (Massachusetts, Minnesota, and North Carolina had the highest percentage among Black students at 1.0%). Among Hispanic students in Massachusetts, the percentage was 1.8%. This was higher than the national average among Hispanic students (1.0%) and higher than in all of the comparison states. Among White students in Massachusetts, the percentage was 1.6%. This was higher than the national average among White students (1.4%) but lower than in four of the comparison states (North Carolina had the highest percentage among White students at 2.1%).

In 2008, female students earned 45.9% of the Bachelor's degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 40.9% for degrees earned by female students and higher than the percentage in all of the nine comparison states. Male students earned 54.1% of the Bachelor's degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 59.1% for degrees earned by male students and lower than the percentage in all of the comparison states (Minnesota had the highest percentage of degrees earned by male students at 63.9%). Asian students earned 11.7% of the Bachelor's degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 9.5% for degrees earned by Asian students and higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 26.9%). Black students earned 3.1% of the Bachelor's degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 5.2% for degrees earned by Black students and lower than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 9.1%). Hispanic students earned 5.1% of the Bachelor's degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 5.8% for degrees earned by Hispanic students but higher than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 9.4%). White students earned 62.2% of the Bachelor's degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 69.0% for degrees earned by White students and lower than the percentage in seven of the comparison states (Pennsylvania had the highest percentage of degrees earned by White students at 81.2%).

In 2008, 0.9% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in Physical Sciences. This percentage was equal to the national average (0.9%) but lower than the percentage in four of the nine comparison states (Connecticut had the highest percentage at 1.3%). Among female students in Massachusetts, the percentage was 0.5%. This was lower than the national average among female students (0.6%) and lower than in five of the comparison states (New Jersey and North Carolina had the highest percentage among female students at 0.9%). Among male students in Massachusetts, the percentage was 1.6%. This was higher than the national average among male students (1.4%) and higher than in five of the comparison states (Connecticut had the highest percentage among male students at 2.1%). Among Asian students in Massachusetts, the percentage was 1.4%. This was higher than the national average among Asian students (0.8%) and higher than in eight of the comparison states (Connecticut had the highest percentage among Asian students at 1.7%). Among Black students in Massachusetts, the percentage was 0.1%. This was lower than the national average among Black students (0.3%) and lower than in six of the comparison states (North Carolina had the highest percentage among Black students at 1.1%). Among Hispanic students in Massachusetts, the percentage was 0.5%. This was lower than the national average among Hispanic students (0.6%) and lower than in four of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 0.8%). Among White students in Massachusetts, the percentage was 0.7%. This was lower than the national average among White students (0.9%) and lower than in six of the comparison states (California had the highest percentage among White students at 1.3%).



In 2008, female students earned 35.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 37.9% for degrees earned by female students and lower than the percentage in seven of the nine comparison states (New Jersey had the highest percentage of degrees earned by female students at 41.9%). Male students earned 64.3% of the Certificates above Bachelor's Degrees and Master's Degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 62.1% for degrees earned by male students and higher than the percentage in seven of the comparison states (Illinois had the highest percentage of degrees earned by male students at 68.6%). Asian students earned 8.1% of the Certificates above Bachelor's Degrees and Master's Degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 4.7% for degrees earned by Asian students and higher than the percentage in eight of the comparison states (California had the highest percentage of degrees earned by Asian students at 11.2%). Black students earned 0.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 2.9% for degrees earned by Black students and lower than the percentage in eight of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 12.4%). Hispanic students earned 1.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 3.6% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 6.5%). White students earned 40.7% of the Certificates above Bachelor's Degrees and Master's Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 54.0% for degrees earned by White students and lower than the percentage in eight of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 65.9%).

In 2008, 4.4% of all Doctor's and First Professional Degrees granted in Massachusetts were in Physical Sciences. This percentage was higher than the national average (3.1%) and higher than the percentage in eight of the nine comparison states (Connecticut had the highest percentage at 4.9%). Among female students in Massachusetts, the percentage was 2.2%. This was higher than the national average among female students (1.8%) and higher than in seven of the comparison states (Connecticut had the highest percentage among female students at 3.2%). Among male students in Massachusetts, the percentage was 6.6%. This was higher than the national average among male students (4.4%) and higher than in eight of the comparison states (Connecticut had the highest percentage among male students at 6.7%). Among Asian students in Massachusetts, the percentage was 2.3%. This was higher than the national average among Asian students (1.5%) and higher than in seven of the comparison states (North Carolina had the highest percentage among Asian students at 5.3%). Among Black students in Massachusetts, the percentage was 0.6%. This was lower than the national average among Black students (0.9%) but higher than in five of the comparison states (Virginia had the highest percentage among Black students at 1.6%). Among Hispanic students in Massachusetts, the percentage was 2.4%. This was higher than the national average among Hispanic students (1.6%) and higher than in eight of the comparison states (Connecticut had the highest percentage among Hispanic students at 3.0%). Among White students in Massachusetts, the percentage was 3.2%. This was higher than the national average among White students (2.2%) and higher than in eight of the comparison states (California had the highest percentage among White students at 4.3%).

In 2008, female students earned 25.8% of the Doctor's and First Professional Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 30.0% for degrees earned by female students and lower than the percentage in seven of the nine comparison states (North Carolina had the highest percentage of degrees earned by female students at 36.8%). Male students earned 74.2% of the Doctor's and First Professional Degrees in Physical Sciences granted in Massachusetts. This was higher than the national average of 70.0% for degrees earned by male students and higher than the percentage in seven of the comparison states (Virginia had the highest percentage of degrees earned by male students at 84.1%). Asian students earned 6.1% of the Doctor's and First Professional Degrees in Physical Sciences granted in Massachusetts. This was



higher than the national average of 4.6% for degrees earned by Asian students and higher than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Asian students at 11.3%). Black students earned 0.6% of the Doctor's and First Professional Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 1.7% for degrees earned by Black students and lower than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 6.8%). Hispanic students earned 1.8% of the Doctor's and First Professional Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 2.6% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 3.0%). White students earned 37.7% of the Doctor's and First Professional Degrees in Physical Sciences granted in Massachusetts. This was lower than the national average of 41.9% for degrees earned by White students and lower than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by White students at 65.1%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.

Indicator 24: Number of college students who complete degrees in Science Technologies/Technicians

Table III - 577: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	45	1,455	115	11	8	6	13	46	2	21	2
	2005	39	1,656	155	12	6	5	12	67	30	17	4
	2006	35	1,768	231	3	8	6	18	60	46	18	1
	2007	50	1,977	239	9	9	12	25	60	71	29	1
	2008	57	2,057	240	11	1	11	14	55	80	25	1
	# Change 04-08	12	602	125	0	-7	5	1	9	78	4	-1
	% Change 04-08	26.7%	41.4%	108.7%	0.0%	-87.5%	83.3%	7.7%	19.6%	3,900.0%	19.0%	-50.0%
Private Institutions	2004	0	70	23	0	0	0	0	21	0	21	0
	2005	0	64	22	1	0	0	0	17	0	16	0
	2006	0	61	18	0	0	0	0	9	0	27	0
	2007	0	71	8	0	0	0	0	28	0	19	0
	2008	0	61	2	0	0	0	0	18	13	27	0
	# Change 04-08	0	-9	-21	0	0	0	0	-3	13	6	0
	% Change 04-08	N/A	-12.9%	-91.3%	N/A	N/A	N/A	N/A	-14.3%	N/A	28.6%	N/A
All Institutions	2004	45	1,525	138	11	8	6	13	67	2	42	2
	2005	39	1,720	177	13	6	5	12	84	30	33	4
	2006	35	1,829	249	3	8	6	18	69	46	45	1
	2007	50	2,048	247	9	9	12	25	88	71	48	1
	2008	57	2,118	242	11	1	11	14	73	93	52	1
	# Change 04-08	12	593	104	0	-7	5	1	6	91	10	-1
	% Change 04-08	26.7%	38.9%	75.4%	0.0%	-87.5%	83.3%	7.7%	9.0%	4,550.0%	23.8%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 578: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2005	0.3%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2006	0.3%	0.2%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.4%	0.2%	0.2%	0.2%	0.0%	0.0%	0.2%	0.1%	0.2%	0.1%	0.0%
	2008	0.5%	0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.1%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
	2006	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2008	0.3%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 579: Number of Bachelor's Degrees in Science Technologies/Technicians - All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	182	0	0	0	0	0	0	0	23	0
	2005	4	213	0	0	0	0	0	0	0	22	0
	2006	1	233	0	0	0	0	0	0	0	26	0
	2007	2	262	0	0	0	0	0	2	0	29	0
	2008	0	254	0	0	0	0	10	0	0	19	0
	# Change 04-08	-3	72	0	0	0	0	10	0	0	-4	0
	% Change 04-08	-100.0%	39.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-17.4%	N/A
Private Institutions	2004	0	14	0	4	0	0	0	0	0	0	0
	2005	0	28	0	0	0	0	0	1	0	2	0
	2006	0	45	0	1	0	0	0	0	0	4	0
	2007	0	46	0	2	0	0	0	0	0	4	0
	2008	0	37	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	23	0	-4	0	0	0	0	0	2	0
	% Change 04-08	N/A	164.3%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	3	196	0	4	0	0	0	0	0	23	0
	2005	4	241	0	0	0	0	0	1	0	24	0
	2006	1	278	0	1	0	0	0	0	0	30	0
	2007	2	308	0	2	0	0	0	2	0	33	0
	2008	0	291	0	0	0	0	10	0	0	21	0
	# Change 04-08	-3	95	0	-4	0	0	10	0	0	-2	0
	% Change 04-08	-100.0%	48.5%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	-8.7%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 580: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees – All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 581: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians – All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	31	0	0	0	5	0	12	0	0	0
	2005	0	23	0	0	0	7	0	8	0	0	0
	2006	0	21	0	0	0	8	0	5	0	0	0
	2007	0	43	0	0	0	6	0	6	0	0	4
	2008	0	31	0	0	0	4	0	10	0	0	3
	# Change 04-08	0	0	0	0	0	-1	0	-2	0	0	3
	% Change 04-08	N/A	0.0%	N/A	N/A	N/A	-20.0%	N/A	-16.7%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	1	0	0	0	0
	2006	0	1	0	0	0	0	0	1	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	1	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	1	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	31	0	0	0	5	0	12	0	0	0
	2005	0	24	0	0	0	7	1	8	0	0	0
	2006	0	22	0	0	0	8	0	6	0	0	0
	2007	0	43	0	0	0	6	0	6	0	0	4
	2008	0	32	0	0	1	4	0	10	0	0	3
	# Change 04-08	0	1	0	0	1	-1	0	-2	0	0	3
	% Change 04-08	N/A	3.2%	N/A	N/A	N/A	-20.0%	N/A	-16.7%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 582: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 583: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 584: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 585: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	27	601	64	2	2	6	5	30	0	9	1
	2005	19	739	103	2	1	3	10	37	23	8	3
	2006	27	753	113	0	3	6	8	27	24	6	0
	2007	32	892	135	0	4	5	8	30	45	13	1
	2008	32	849	127	2	0	6	8	30	56	11	1
	# Change 04-08	5	248	63	0	-2	0	3	0	56	2	0
	% Change 04-08	18.5%	41.3%	98.4%	0.0%	-100.0%	0.0%	60.0%	0.0%	N/A	22.2%	0.0%
Private Institutions	2004	0	27	11	0	0	0	0	2	0	11	0
	2005	0	27	10	1	0	0	0	3	0	8	0
	2006	0	33	9	0	0	0	0	5	0	14	0
	2007	0	34	5	0	0	0	0	8	0	10	0
	2008	0	31	2	0	0	0	0	4	9	16	0
	# Change 04-08	0	4	-9	0	0	0	0	2	9	5	0
	% Change 04-08	N/A	14.8%	-81.8%	N/A	N/A	N/A	N/A	100.0%	N/A	45.5%	N/A
All Institutions	2004	27	628	75	2	2	6	5	32	0	20	1
	2005	19	766	113	3	1	3	10	40	23	16	3
	2006	27	786	122	0	3	6	8	32	24	20	0
	2007	32	926	140	0	4	5	8	38	45	23	1
	2008	32	880	129	2	0	6	8	34	65	27	1
	# Change 04-08	5	252	54	0	-2	0	3	2	65	7	0
	% Change 04-08	18.5%	40.1%	72.0%	0.0%	-100.0%	0.0%	60.0%	6.3%	N/A	35.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 586: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2006	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%	0.0%
	2007	0.4%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2008	0.4%	0.1%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%	0.3%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2006	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
	2007	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%
	2008	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 587: Number of Bachelor's Degrees in Science Technologies/Technicians - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2	87	0	0	0	0	0	0	0	14	0
	2005	3	81	0	0	0	0	0	0	0	8	0
	2006	0	115	0	0	0	0	0	0	0	12	0
	2007	0	123	0	0	0	0	0	0	0	18	0
	2008	0	127	0	0	0	0	5	0	0	7	0
	# Change 04-08	-2	40	0	0	0	0	5	0	0	-7	0
	% Change 04-08	-100.0%	46.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-50.0%	N/A
Private Institutions	2004	0	9	0	2	0	0	0	0	0	0	0
	2005	0	11	0	0	0	0	0	0	0	2	0
	2006	0	10	0	1	0	0	0	0	0	4	0
	2007	0	14	0	1	0	0	0	0	0	3	0
	2008	0	21	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	12	0	-2	0	0	0	0	0	0	0
	% Change 04-08	N/A	133.3%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	2	96	0	2	0	0	0	0	0	14	0
	2005	3	92	0	0	0	0	0	0	0	10	0
	2006	0	125	0	1	0	0	0	0	0	16	0
	2007	0	137	0	1	0	0	0	0	0	21	0
	2008	0	148	0	0	0	0	5	0	0	7	0
	# Change 04-08	-2	52	0	-2	0	0	5	0	0	-7	0
	% Change 04-08	-100.0%	54.2%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	-50.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 588: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 589: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	17	0	0	0	4	0	5	0	0	0
	2005	0	11	0	0	0	4	0	2	0	0	0
	2006	0	10	0	0	0	4	0	2	0	0	0
	2007	0	20	0	0	0	4	0	0	0	0	1
	2008	0	12	0	0	0	0	0	4	0	0	1
	# Change 04-08	0	-5	0	0	0	-4	0	-1	0	0	1
	% Change 04-08	N/A	-29.4%	N/A	N/A	N/A	-100.0%	N/A	-20.0%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	1	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	17	0	0	0	4	0	5	0	0	0
	2005	0	11	0	0	0	4	0	2	0	0	0
	2006	0	11	0	0	0	4	0	3	0	0	0
	2007	0	20	0	0	0	4	0	0	0	0	1
	2008	0	12	0	0	0	0	0	4	0	0	1
	# Change 04-08	0	-5	0	0	0	-4	0	-1	0	0	1
	% Change 04-08	N/A	-29.4%	N/A	N/A	N/A	-100.0%	N/A	-20.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 590: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 591: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 592: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 593: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Male Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	18	854	51	9	6	0	8	16	2	12	1
	2005	20	917	52	10	5	2	2	30	7	9	1
	2006	8	1,015	118	3	5	0	10	33	22	12	1
	2007	18	1,085	104	9	5	7	17	30	26	16	0
	2008	25	1,208	113	9	1	5	6	25	24	14	0
	# Change 04-08	7	354	62	0	-5	5	-2	9	22	2	-1
	% Change 04-08	38.9%	41.5%	121.6%	0.0%	-83.3%	N/A	-25.0%	56.3%	1,100.0%	16.7%	-100.0%
Private Institutions	2004	0	43	12	0	0	0	0	19	0	10	0
	2005	0	37	12	0	0	0	0	14	0	8	0
	2006	0	28	9	0	0	0	0	4	0	13	0
	2007	0	37	3	0	0	0	0	20	0	9	0
	2008	0	30	0	0	0	0	0	14	4	11	0
	# Change 04-08	0	-13	-12	0	0	0	0	-5	4	1	0
	% Change 04-08	N/A	-30.2%	-100.0%	N/A	N/A	N/A	N/A	-26.3%	N/A	10.0%	N/A
All Institutions	2004	18	897	63	9	6	0	8	35	2	22	1
	2005	20	954	64	10	5	2	2	44	7	17	1
	2006	8	1,043	127	3	5	0	10	37	22	25	1
	2007	18	1,122	107	9	5	7	17	50	26	25	0
	2008	25	1,238	113	9	1	5	6	39	28	25	0
	# Change 04-08	7	341	50	0	-5	5	-2	4	26	3	-1
	% Change 04-08	38.9%	38.0%	79.4%	0.0%	-83.3%	N/A	-25.0%	11.4%	1,300.0%	13.6%	-100.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 594: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.5%	0.2%	0.1%	0.6%	0.0%	0.0%	0.2%	0.1%	0.0%	0.2%	0.0%
	2005	0.5%	0.2%	0.1%	0.7%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%
	2006	0.2%	0.3%	0.2%	0.2%	0.0%	0.0%	0.2%	0.2%	0.2%	0.2%	0.0%
	2007	0.4%	0.3%	0.2%	0.6%	0.0%	0.1%	0.3%	0.2%	0.2%	0.2%	0.0%
	2008	0.6%	0.3%	0.2%	0.5%	0.0%	0.1%	0.1%	0.1%	0.2%	0.2%	0.0%
Private Institutions	2004	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%
All Institutions	2004	0.3%	0.2%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2005	0.3%	0.2%	0.1%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%
	2006	0.1%	0.2%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2007	0.3%	0.2%	0.1%	0.2%	0.0%	0.1%	0.2%	0.2%	0.2%	0.1%	0.0%
	2008	0.4%	0.2%	0.1%	0.2%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 595: Number of Bachelor's Degrees in Science Technologies/Technicians - Male Students (MASSIP 2009 Indicator 24)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	95	0	0	0	0	0	0	0	9	0
	2005	1	132	0	0	0	0	0	0	0	14	0
	2006	1	118	0	0	0	0	0	0	0	14	0
	2007	2	139	0	0	0	0	0	2	0	11	0
	2008	0	127	0	0	0	0	5	0	0	12	0
	# Change 04-08	-1	32	0	0	0	0	0	5	0	3	0
	% Change 04-08	-100.0%	33.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	33.3%	N/A
Private Institutions	2004	0	5	0	2	0	0	0	0	0	0	0
	2005	0	17	0	0	0	0	0	1	0	0	0
	2006	0	35	0	0	0	0	0	0	0	0	0
	2007	0	32	0	1	0	0	0	0	0	1	0
	2008	0	16	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	11	0	-2	0	0	0	0	0	2	0
	% Change 04-08	N/A	220.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	100	0	2	0	0	0	0	0	9	0
	2005	1	149	0	0	0	0	0	1	0	14	0
	2006	1	153	0	0	0	0	0	0	0	14	0
	2007	2	171	0	1	0	0	0	2	0	12	0
	2008	0	143	0	0	0	0	5	0	0	14	0
	# Change 04-08	-1	43	0	-2	0	0	0	5	0	5	0
	% Change 04-08	-100.0%	43.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	55.6%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 596: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees – Male Students (MASSIP 2009 Indicator 24)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 597: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians – Male Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	14	0	0	0	1	0	7	0	0	0
	2005	0	12	0	0	0	3	0	6	0	0	0
	2006	0	11	0	0	0	4	0	3	0	0	0
	2007	0	23	0	0	0	2	0	6	0	0	3
	2008	0	19	0	0	0	4	0	6	0	0	2
	# Change 04-08	0	5	0	0	0	3	0	-1	0	0	2
	% Change 04-08	N/A	35.7%	N/A	N/A	N/A	300.0%	N/A	-14.3%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	1	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	1	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	1	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	14	0	0	0	1	0	7	0	0	0
	2005	0	13	0	0	0	3	1	6	0	0	0
	2006	0	11	0	0	0	4	0	3	0	0	0
	2007	0	23	0	0	0	2	0	6	0	0	3
	2008	0	20	0	0	1	4	0	6	0	0	2
	# Change 04-08	0	6	0	0	1	3	0	-1	0	0	2
	% Change 04-08	N/A	42.9%	N/A	N/A	N/A	300.0%	N/A	-14.3%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 598: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.1%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 599: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Male Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-2	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-2	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 600: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 601: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	73	27	0	1	0	1	3	0	6	0
	2005	5	99	36	1	1	0	1	13	0	2	0
	2006	4	118	61	0	0	1	1	9	4	1	0
	2007	8	175	72	0	0	2	3	7	4	1	1
	2008	12	166	78	0	0	0	1	0	3	2	0
	# Change 04-08	8	93	51	0	-1	0	0	-3	3	-4	0
	% Change 04-08	200.0%	127.4%	188.9%	N/A	-100.0%	N/A	0.0%	-100.0%	N/A	-66.7%	N/A
Private Institutions	2004	0	2	2	0	0	0	0	0	0	0	0
	2005	0	9	5	0	0	0	0	2	0	2	0
	2006	0	3	3	0	0	0	0	0	0	0	0
	2007	0	3	1	0	0	0	0	1	0	1	0
	2008	0	5	0	0	0	0	0	2	1	2	0
	# Change 04-08	0	3	-2	0	0	0	0	2	1	2	0
	% Change 04-08	N/A	150.0%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	4	75	29	0	1	0	1	3	0	6	0
	2005	5	108	41	1	1	0	1	15	0	4	0
	2006	4	121	64	0	0	1	1	9	4	1	0
	2007	8	178	73	0	0	2	3	8	4	2	1
	2008	12	171	78	0	0	0	1	2	4	4	0
	# Change 04-08	8	96	49	0	-1	0	0	-1	4	-2	0
	% Change 04-08	200.0%	128.0%	169.0%	N/A	-100.0%	N/A	0.0%	-33.3%	N/A	-33.3%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 602: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	0.2%	0.2%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	1.6%	0.0%
	2005	1.1%	0.2%	0.2%	0.8%	0.0%	0.0%	0.1%	0.6%	0.0%	0.5%	0.0%
	2006	0.9%	0.3%	0.3%	0.0%	0.0%	0.1%	0.1%	0.4%	0.8%	0.2%	0.0%
	2007	1.7%	0.4%	0.4%	0.0%	0.0%	0.3%	0.3%	0.3%	0.8%	0.2%	0.1%
	2008	2.6%	0.3%	0.4%	0.0%	0.0%	0.0%	0.1%	0.0%	0.6%	0.4%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	1.2%	0.4%	0.0%
All Institutions	2004	0.5%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.7%	0.0%
	2005	0.6%	0.2%	0.2%	0.5%	0.0%	0.0%	0.1%	0.4%	0.0%	0.5%	0.0%
	2006	0.5%	0.2%	0.2%	0.0%	0.0%	0.1%	0.1%	0.2%	0.7%	0.1%	0.0%
	2007	1.0%	0.3%	0.3%	0.0%	0.0%	0.2%	0.2%	0.2%	0.7%	0.2%	0.1%
	2008	1.4%	0.2%	0.3%	0.0%	0.0%	0.0%	0.1%	0.0%	0.6%	0.4%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 603: Number of Bachelor's Degrees in Science Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 24)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	8	0	0	0	0	0	0	0	2	0
	2005	0	10	0	0	0	0	0	0	0	4	0
	2006	0	10	0	0	0	0	0	0	0	6	0
	2007	0	10	0	0	0	0	0	0	0	5	0
	2008	0	4	0	0	0	0	0	0	0	1	0
	# Change 04-08	0	-4	0	0	0	0	0	0	0	-1	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-50.0%	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	8	0	0	0	0	0	0	0	2	0
	2005	0	10	0	0	0	0	0	0	0	4	0
	2006	0	10	0	0	0	0	0	0	0	6	0
	2007	0	10	0	0	0	0	0	0	0	5	0
	2008	0	4	0	0	0	0	0	0	0	1	0
	# Change 04-08	0	-4	0	0	0	0	0	0	0	-1	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-50.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 604: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 24)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 605: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	2	0	0	0	1	0	0	0	0	0
	2005	0	1	0	0	0	0	0	1	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	1	0	0	0
	# Change 04-08	0	-1	0	0	0	-1	0	1	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	2	0	0	0	1	0	0	0	0	0
	2005	0	1	0	0	0	0	0	1	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	1	0	0	0
	# Change 04-08	0	-1	0	0	0	-1	0	1	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 606: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 607: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Asian Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 608: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 609: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	184	13	1	3	0	1	3	1	0	0
	2005	5	191	19	1	1	0	5	2	5	0	0
	2006	6	211	19	0	4	0	2	7	6	1	0
	2007	3	188	15	0	8	1	2	7	14	1	0
	2008	7	244	16	0	1	1	1	8	17	2	0
	# Change 04-08	0	60	3	-1	-2	1	0	5	16	2	0
	% Change 04-08	0.0%	32.6%	23.1%	-100.0%	-66.7%	N/A	0.0%	166.7%	1,600.0%	N/A	N/A
Private Institutions	2004	0	24	13	0	0	0	0	0	0	11	0
	2005	0	14	8	0	0	0	0	1	0	5	0
	2006	0	20	5	0	0	0	0	1	0	14	0
	2007	0	10	3	0	0	0	0	1	0	6	0
	2008	0	12	0	0	0	0	0	1	0	11	0
	# Change 04-08	0	-12	-13	0	0	0	0	1	0	0	0
	% Change 04-08	N/A	-50.0%	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	0.0%	N/A
All Institutions	2004	7	208	26	1	3	0	1	3	1	11	0
	2005	5	205	27	1	1	0	5	3	5	5	0
	2006	6	231	24	0	4	0	2	8	6	15	0
	2007	3	198	18	0	8	1	2	8	14	7	0
	2008	7	256	16	0	1	1	1	9	17	13	0
	# Change 04-08	0	48	-10	-1	-2	1	0	6	16	2	0
	% Change 04-08	0.0%	23.1%	-38.5%	-100.0%	-66.7%	N/A	0.0%	200.0%	1,600.0%	18.2%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 610: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.7%	0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2005	0.5%	0.2%	0.2%	0.2%	0.0%	0.0%	0.3%	0.0%	0.1%	0.0%	0.0%
	2006	0.6%	0.2%	0.2%	0.0%	0.1%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.3%	0.2%	0.2%	0.0%	0.1%	0.1%	0.1%	0.1%	0.2%	0.0%	0.0%
	2008	0.6%	0.2%	0.2%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
All Institutions	2004	0.4%	0.1%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%
	2005	0.2%	0.1%	0.2%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%
	2006	0.3%	0.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.2%	0.0%
	2007	0.1%	0.1%	0.1%	0.0%	0.1%	0.1%	0.0%	0.1%	0.2%	0.1%	0.0%
	2008	0.3%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.2%	0.2%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 611: Number of Bachelor's Degrees in Science Technologies/Technicians - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	23	0	0	0	0	0	0	0	1	0
	2005	0	17	0	0	0	0	0	0	0	1	0
	2006	0	20	0	0	0	0	0	0	0	0	0
	2007	0	12	0	0	0	0	0	0	0	0	0
	2008	0	16	0	0	0	0	1	0	0	0	0
	# Change 04-08	0	-7	0	0	0	0	1	0	0	-1	0
	% Change 04-08	N/A	-30.4%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	0	0	0	1	0
	2006	0	2	0	0	0	0	0	0	0	2	0
	2007	0	5	0	1	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	2	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	23	0	0	0	0	0	0	0	1	0
	2005	0	18	0	0	0	0	0	0	0	2	0
	2006	0	22	0	0	0	0	0	0	0	2	0
	2007	0	17	0	1	0	0	0	0	0	0	0
	2008	0	18	0	0	0	0	1	0	0	0	0
	# Change 04-08	0	-5	0	0	0	0	1	0	0	-1	0
	% Change 04-08	N/A	-21.7%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 612: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 613: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	3	0	0	0	0	0	2	0	0	0
	2005	0	1	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	1	0	0	0	0	1
	2008	0	5	0	0	0	0	0	0	0	0	1
	# Change 04-08	0	2	0	0	0	0	0	-2	0	0	1
	% Change 04-08	N/A	66.7%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	3	0	0	0	0	0	2	0	0	0
	2005	0	1	0	0	0	0	0	0	0	0	0
	2006	0	1	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	1	0	0	0	0	1
	2008	0	5	0	0	0	0	0	0	0	0	1
	# Change 04-08	0	2	0	0	0	0	0	-2	0	0	1
	% Change 04-08	N/A	66.7%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 614: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.1%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 615: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 616: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 617: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	5	180	26	0	0	0	1	3	0	0	0
	2005	4	195	23	1	0	0	2	4	2	0	0
	2006	4	228	49	0	0	0	3	2	1	0	0
	2007	7	274	49	1	0	0	4	2	1	0	0
	2008	8	279	53	0	0	0	3	2	4	0	0
	# Change 04-08	3	99	27	0	0	0	2	-1	4	0	0
	% Change 04-08	60.0%	55.0%	103.8%	N/A	N/A	N/A	200.0%	-33.3%	N/A	N/A	N/A
Private Institutions	2004	0	4	3	0	0	0	0	1	0	0	0
	2005	0	7	5	1	0	0	0	1	0	0	0
	2006	0	6	5	0	0	0	0	0	0	1	0
	2007	0	4	2	0	0	0	0	1	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-4	-3	0	0	0	0	-1	0	0	0
	% Change 04-08	N/A	-100.0%	-100.0%	N/A	N/A	N/A	N/A	-100.0%	N/A	N/A	N/A
All Institutions	2004	5	184	29	0	0	0	1	4	0	0	0
	2005	4	202	28	2	0	0	2	5	2	0	0
	2006	4	234	54	0	0	0	3	2	1	1	0
	2007	7	278	51	1	0	0	4	3	1	0	0
	2008	8	279	53	0	0	0	3	2	4	0	0
	# Change 04-08	3	95	24	0	0	0	2	-2	4	0	0
	% Change 04-08	60.0%	51.6%	82.8%	N/A	N/A	N/A	200.0%	-50.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 618: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.7%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%
	2005	0.6%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.3%	0.0%	0.0%
	2006	0.6%	0.2%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%
	2007	1.0%	0.3%	0.1%	0.2%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%
	2008	1.0%	0.3%	0.2%	0.0%	0.0%	0.0%	0.2%	0.0%	0.4%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.2%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%
	2006	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.1%	0.0%
	2007	0.4%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%
	2008	0.4%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.4%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 619: Number of Bachelor's Degrees in Science Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	17	0	0	0	0	0	0	0	2	0
	2005	0	18	0	0	0	0	0	0	0	1	0
	2006	0	26	0	0	0	0	0	0	0	1	0
	2007	0	28	0	0	0	0	0	0	0	1	0
	2008	0	32	0	0	0	0	3	0	0	0	0
	# Change 04-08	-1	15	0	0	0	0	3	0	0	-2	0
	% Change 04-08	-100.0%	88.2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A
Private Institutions	2004	0	8	0	1	0	0	0	0	0	0	0
	2005	0	9	0	0	0	0	0	0	0	0	0
	2006	0	6	0	0	0	0	0	0	0	0	0
	2007	0	16	0	0	0	0	0	0	0	0	0
	2008	0	22	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	14	0	-1	0	0	0	0	0	0	0
	% Change 04-08	N/A	175.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	25	0	1	0	0	0	0	0	2	0
	2005	0	27	0	0	0	0	0	0	0	1	0
	2006	0	32	0	0	0	0	0	0	0	1	0
	2007	0	44	0	0	0	0	0	0	0	1	0
	2008	0	54	0	0	0	0	3	0	0	0	0
	# Change 04-08	-1	29	0	-1	0	0	3	0	0	-2	0
	% Change 04-08	-100.0%	116.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	-100.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 620: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 621: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	2	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	2	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	2	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 622: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees -- Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 623: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 624: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 625: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - White Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	23	940	34	9	4	4	6	35	1	13	1
	2005	24	1,079	56	9	4	4	3	42	22	14	4
	2006	20	1,115	69	3	4	3	11	38	34	15	1
	2007	31	1,218	70	7	1	7	9	43	50	25	0
	2008	28	1,228	68	11	0	8	6	37	48	17	1
	# Change 04-08	5	288	34	2	-4	4	0	2	47	4	0
	% Change 04-08	21.7%	30.6%	100.0%	22.2%	-100.0%	100.0%	0.0%	5.7%	4,700.0%	30.8%	0.0%
Private Institutions	2004	0	34	2	0	0	0	0	20	0	10	0
	2005	0	32	3	0	0	0	0	13	0	9	0
	2006	0	26	3	0	0	0	0	5	0	12	0
	2007	0	48	1	0	0	0	0	21	0	12	0
	2008	0	42	2	0	0	0	0	13	12	14	0
	# Change 04-08	0	8	0	0	0	0	0	-7	12	4	0
	% Change 04-08	N/A	23.5%	0.0%	N/A	N/A	N/A	N/A	-35.0%	N/A	40.0%	N/A
All Institutions	2004	23	974	36	9	4	4	6	55	1	23	1
	2005	24	1,111	59	9	4	4	3	55	22	23	4
	2006	20	1,141	72	3	4	3	11	43	34	27	1
	2007	31	1,266	71	7	1	7	9	64	50	37	0
	2008	28	1,270	70	11	0	8	6	50	60	31	1
	# Change 04-08	5	296	34	2	-4	4	0	-5	59	8	0
	% Change 04-08	21.7%	30.4%	94.4%	22.2%	-100.0%	100.0%	0.0%	-9.1%	5,900.0%	34.8%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 626: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.3%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2005	0.3%	0.2%	0.1%	0.3%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
	2006	0.2%	0.2%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2007	0.4%	0.2%	0.1%	0.2%	0.0%	0.0%	0.1%	0.2%	0.2%	0.2%	0.0%
	2008	0.3%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.4%	0.1%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
	2006	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2008	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 627: Number of Bachelor's Degrees in Science Technologies/Technicians - White Students (MASSIP 2009 Indicator 24)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1	129	0	0	0	0	0	0	0	17	0
	2005	4	152	0	0	0	0	0	0	0	15	0
	2006	1	153	0	0	0	0	0	0	0	16	0
	2007	1	182	0	0	0	0	0	2	0	12	0
	2008	0	181	0	0	0	0	6	0	0	11	0
	# Change 04-08	-1	52	0	0	0	0	6	0	0	-6	0
	% Change 04-08	-100.0%	40.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-35.3%	N/A
Private Institutions	2004	0	6	0	3	0	0	0	0	0	0	0
	2005	0	18	0	0	0	0	0	1	0	1	0
	2006	0	34	0	0	0	0	0	0	0	2	0
	2007	0	19	0	0	0	0	0	0	0	4	0
	2008	0	12	0	0	0	0	0	0	0	1	0
	# Change 04-08	0	6	0	-3	0	0	0	0	0	1	0
	% Change 04-08	N/A	100.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	1	135	0	3	0	0	0	0	0	17	0
	2005	4	170	0	0	0	0	0	1	0	16	0
	2006	1	187	0	0	0	0	0	0	0	18	0
	2007	1	201	0	0	0	0	0	2	0	16	0
	2008	0	193	0	0	0	0	6	0	0	12	0
	# Change 04-08	-1	58	0	-3	0	0	6	0	0	-5	0
	% Change 04-08	-100.0%	43.0%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	-29.4%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 628: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 24)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 629: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians - White Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	23	0	0	0	4	0	8	0	0	0
	2005	0	15	0	0	0	5	0	7	0	0	0
	2006	0	15	0	0	0	6	0	3	0	0	0
	2007	0	28	0	0	0	4	0	6	0	0	3
	2008	0	16	0	0	0	4	0	4	0	0	1
	# Change 04-08	0	-7	0	0	0	0	0	-4	0	0	1
	% Change 04-08	N/A	-30.4%	N/A	N/A	N/A	N/A	0.0%	N/A	-50.0%	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	1	0	0	0	0
	2006	0	1	0	0	0	0	0	1	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	1	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	1	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	23	0	0	0	4	0	8	0	0	0
	2005	0	16	0	0	0	5	1	7	0	0	0
	2006	0	16	0	0	0	6	0	4	0	0	0
	2007	0	28	0	0	0	4	0	6	0	0	3
	2008	0	17	0	0	1	4	0	4	0	0	1
	# Change 04-08	0	-6	0	0	1	0	0	-4	0	0	1
	% Change 04-08	N/A	-26.1%	N/A	N/A	N/A	N/A	0.0%	N/A	-50.0%	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 630: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 631: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - White Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 632: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 633: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	26	6	0	0	1	4	1	0	0	0
	2005	0	24	3	0	0	0	1	4	0	0	0
	2006	0	33	9	0	0	0	0	3	0	0	0
	2007	1	39	12	0	0	0	3	1	0	0	0
	2008	2	35	6	0	0	0	2	2	2	2	0
	# Change 04-08	-1	9	0	0	0	-1	-2	1	2	2	0
	% Change 04-08	-33.3%	34.6%	0.0%	N/A	N/A	-100.0%	-50.0%	100.0%	N/A	N/A	N/A
Private Institutions	2004	0	3	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	2	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-3	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	3	29	6	0	0	1	4	1	0	0	0
	2005	0	25	3	0	0	0	1	4	0	0	0
	2006	0	35	9	0	0	0	0	5	0	0	0
	2007	1	40	12	0	0	0	3	1	0	0	0
	2008	2	35	6	0	0	0	2	2	2	2	0
	# Change 04-08	-1	6	0	0	0	-1	-2	1	2	2	0
	% Change 04-08	-33.3%	20.7%	0.0%	N/A	N/A	-100.0%	-50.0%	100.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 634: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.9%	0.2%	0.1%	0.0%	0.0%	0.4%	0.8%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.2%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2006	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2007	0.4%	0.3%	0.3%	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.0%	0.0%
	2008	0.7%	0.2%	0.2%	0.0%	0.0%	0.0%	0.3%	0.1%	1.6%	1.7%	0.0%
Private Institutions	2004	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.6%	0.1%	0.1%	0.0%	0.0%	0.4%	0.7%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.0%	0.0%	0.0%
	2006	0.0%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	2007	0.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%
	2008	0.5%	0.2%	0.1%	0.0%	0.0%	0.0%	0.3%	0.1%	1.5%	0.8%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 635: Number of Bachelor's Degrees in Science Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	2	0	0	0	0	0	0	0	1	0
	2005	0	5	0	0	0	0	0	0	0	1	0
	2006	0	5	0	0	0	0	0	0	0	3	0
	2007	0	14	0	0	0	0	0	0	0	10	0
	2008	0	9	0	0	0	0	0	0	0	7	0
	# Change 04-08	0	7	0	0	0	0	0	0	0	6	0
	% Change 04-08	N/A	350.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	600.0%	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	1	0	1	0	0	0	0	0	0	0
	2007	0	1	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	2	0	0	0	0	0	0	0	1	0
	2005	0	5	0	0	0	0	0	0	0	1	0
	2006	0	6	0	1	0	0	0	0	0	3	0
	2007	0	15	0	0	0	0	0	0	0	10	0
	2008	0	9	0	0	0	0	0	0	0	7	0
	# Change 04-08	0	7	0	0	0	0	0	0	0	6	0
	% Change 04-08	N/A	350.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	600.0%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 636: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%
	2007	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.2%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 637: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians – Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	3	0	0	0	0	0	2	0	0	0
	2005	0	6	0	0	0	2	0	0	0	0	0
	2006	0	3	0	0	0	1	0	2	0	0	0
	2007	0	5	0	0	0	1	0	0	0	0	0
	2008	0	7	0	0	0	0	0	5	0	0	1
	# Change 04-08	0	4	0	0	0	0	0	3	0	0	1
	% Change 04-08	N/A	133.3%	N/A	N/A	N/A	N/A	N/A	150.0%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	3	0	0	0	0	0	2	0	0	0
	2005	0	6	0	0	0	2	0	0	0	0	0
	2006	0	3	0	0	0	1	0	2	0	0	0
	2007	0	5	0	0	0	1	0	0	0	0	0
	2008	0	7	0	0	0	0	0	5	0	0	1
	# Change 04-08	0	4	0	0	0	0	0	3	0	0	1
	% Change 04-08	N/A	133.3%	N/A	N/A	N/A	N/A	N/A	150.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 638: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 639: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	2	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 640: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 641: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	42	1,429	109	11	8	5	9	45	2	21	2
	2005	39	1,632	152	12	6	5	11	63	30	17	4
	2006	35	1,735	222	3	8	6	18	57	46	18	1
	2007	49	1,938	227	9	9	12	22	59	71	29	1
	2008	55	2,022	234	11	1	11	12	53	78	23	1
	# Change 04-08	13	593	125	0	-7	6	3	8	76	2	-1
	% Change 04-08	31.0%	41.5%	114.7%	0.0%	-87.5%	120.0%	33.3%	17.8%	3,800.0%	9.5%	-50.0%
Private Institutions	2004	0	67	23	0	0	0	0	21	0	21	0
	2005	0	63	22	1	0	0	0	17	0	16	0
	2006	0	59	18	0	0	0	0	7	0	27	0
	2007	0	70	8	0	0	0	0	28	0	19	0
	2008	0	61	2	0	0	0	0	18	13	27	0
	# Change 04-08	0	-6	-21	0	0	0	0	-3	13	6	0
	% Change 04-08	N/A	-9.0%	-91.3%	N/A	N/A	N/A	N/A	-14.3%	N/A	28.6%	N/A
All Institutions	2004	42	1,496	132	11	8	5	9	66	2	42	2
	2005	39	1,695	174	13	6	5	11	80	30	33	4
	2006	35	1,794	240	3	8	6	18	64	46	45	1
	2007	49	2,008	235	9	9	12	22	87	71	48	1
	2008	55	2,083	236	11	1	11	12	71	91	50	1
	# Change 04-08	13	587	104	0	-7	6	3	5	89	8	-1
	% Change 04-08	31.0%	39.2%	78.8%	0.0%	-87.5%	120.0%	33.3%	7.6%	4,450.0%	19.0%	-50.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 642: Associate's Degrees and Certificates Below Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.4%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.0%	0.1%	0.0%
	2005	0.4%	0.2%	0.1%	0.3%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2006	0.3%	0.2%	0.2%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.4%	0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2008	0.5%	0.2%	0.2%	0.2%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%	0.1%	0.0%
All Institutions	2004	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%
	2005	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.0%
	2006	0.2%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.1%	0.1%	0.1%	0.0%
	2007	0.2%	0.1%	0.1%	0.1%	0.0%	0.0%	0.1%	0.1%	0.2%	0.1%	0.0%
	2008	0.3%	0.1%	0.1%	0.1%	0.0%	0.0%	0.0%	0.1%	0.2%	0.1%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 643: Number of Bachelor's Degrees in Science Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3	180	0	0	0	0	0	0	0	22	0
	2005	4	208	0	0	0	0	0	0	0	21	0
	2006	1	228	0	0	0	0	0	0	0	23	0
	2007	2	248	0	0	0	0	0	2	0	19	0
	2008	0	245	0	0	0	0	10	0	0	12	0
	# Change 04-08	-3	65	0	0	0	0	10	0	0	-10	0
	% Change 04-08	-100.0%	36.1%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	-45.5%	N/A
Private Institutions	2004	0	14	0	4	0	0	0	0	0	0	0
	2005	0	28	0	0	0	0	0	1	0	2	0
	2006	0	44	0	0	0	0	0	0	0	4	0
	2007	0	45	0	2	0	0	0	0	0	4	0
	2008	0	37	0	0	0	0	0	0	0	2	0
	# Change 04-08	0	23	0	-4	0	0	0	0	0	2	0
	% Change 04-08	N/A	164.3%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	3	194	0	4	0	0	0	0	0	22	0
	2005	4	236	0	0	0	0	0	1	0	23	0
	2006	1	272	0	0	0	0	0	0	0	27	0
	2007	2	293	0	2	0	0	0	2	0	23	0
	2008	0	282	0	0	0	0	10	0	0	14	0
	# Change 04-08	-3	88	0	-4	0	0	10	0	0	-8	0
	% Change 04-08	-100.0%	45.4%	N/A	-100.0%	N/A	N/A	N/A	N/A	N/A	-36.4%	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 644: Bachelor's Degrees in Science Technologies/Technicians as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 645: Number of Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	28	0	0	0	5	0	10	0	0	0
	2005	0	17	0	0	0	5	0	8	0	0	0
	2006	0	18	0	0	0	7	0	3	0	0	0
	2007	0	38	0	0	0	5	0	6	0	0	4
	2008	0	24	0	0	0	4	0	5	0	0	2
	# Change 04-08	0	-4	0	0	0	-1	0	-5	0	0	2
	% Change 04-08	N/A	-14.3%	N/A	N/A	N/A	-20.0%	N/A	-50.0%	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	1	0	0	0	0	1	0	0	0	0
	2006	0	1	0	0	0	0	0	1	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	1	0	0	0	0	0	0
	# Change 04-08	0	1	0	0	1	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	28	0	0	0	5	0	10	0	0	0
	2005	0	18	0	0	0	5	1	8	0	0	0
	2006	0	19	0	0	0	7	0	4	0	0	0
	2007	0	38	0	0	0	5	0	6	0	0	4
	2008	0	25	0	0	1	4	0	5	0	0	2
	# Change 04-08	0	-3	0	0	1	-1	0	-5	0	0	2
	% Change 04-08	N/A	-10.7%	N/A	N/A	N/A	-20.0%	N/A	-50.0%	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 646: Certificates Above Bachelor's Degrees and Master's Degrees in Science Technologies/Technicians as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 647: Number of Doctor's and First Professional Degrees in Science Technologies/Technicians - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Private Institutions	2004	0	0	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	0	0	0	0	0	0	0	0	0	0
	2008	0	0	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	0	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
All Institutions	2004	0	2	0	0	0	0	0	0	0	0	0
	2005	0	0	0	0	0	0	0	0	0	0	0
	2006	0	0	0	0	0	0	0	0	0	0	0
	2007	0	2	0	0	0	0	0	0	0	0	0
	2008	0	1	0	0	0	0	0	0	0	0	0
	# Change 04-08	0	-1	0	0	0	0	0	0	0	0	0
	% Change 04-08	N/A	-50.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 648: Doctor's and First Professional Degrees in Science Technologies/Technicians as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 24)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Private Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
All Institutions	2004	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2005	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2006	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2007	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	2008	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Summary

Degree completions in Science Technologies/Technicians are presented here as they are included in the All STEM Degrees totals. However, because the number of Science Technologies/Technicians degrees is small in Massachusetts and most of the comparison states, the data are not summarized.

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.



Indicator 25: Number of college students who complete degrees in all STEM majors

Table III - 649: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4,883	304,736	24,585	1,250	15,736	9,362	3,791	11,781	11,926	7,795	6,565
	2005	5,009	320,815	24,952	1,292	17,516	9,760	3,981	12,129	12,062	8,224	6,634
	2006	4,941	321,989	24,985	1,322	17,116	10,394	4,267	12,054	12,123	8,060	6,525
	2007	4,794	331,267	26,094	1,337	17,744	10,325	4,560	12,488	12,140	7,893	6,830
	2008	4,919	343,100	28,761	1,456	17,607	10,082	4,543	12,534	11,760	8,345	7,808
	# Change 04-08	36	38,364	4,176	206	1,871	720	752	753	-166	550	1,243
	% Change 04-08	0.7%	12.6%	17.0%	16.5%	11.9%	7.7%	19.8%	6.4%	-1.4%	7.1%	18.9%
Private Institutions	2004	3,626	230,787	38,965	2,639	5,574	2,375	7,182	14,682	984	11,713	7,482
	2005	5,022	245,080	38,664	3,086	6,822	2,646	7,976	14,498	1,030	13,040	7,696
	2006	4,698	252,412	38,550	3,102	8,267	2,784	8,066	12,213	1,136	13,995	7,741
	2007	4,636	263,193	38,159	3,135	9,003	2,899	7,907	14,386	1,321	14,217	7,908
	2008	4,774	278,253	43,108	3,181	9,483	3,031	7,915	13,491	1,602	14,004	8,298
	# Change 04-08	1,148	47,466	4,143	542	3,909	656	733	-1,191	618	2,291	816
	% Change 04-08	31.7%	20.6%	10.6%	20.5%	70.1%	27.6%	10.2%	-8.1%	62.8%	19.6%	10.9%
All Institutions	2004	8,509	535,523	63,550	3,889	21,310	11,737	10,973	26,463	12,910	19,508	14,047
	2005	10,031	565,895	63,616	4,378	24,338	12,406	11,957	26,627	13,092	21,264	14,330
	2006	9,639	574,401	63,535	4,424	25,383	13,178	12,333	24,267	13,259	22,055	14,266
	2007	9,430	594,460	64,253	4,472	26,747	13,224	12,467	26,874	13,461	22,110	14,738
	2008	9,693	621,353	71,869	4,637	27,090	13,113	12,458	26,025	13,362	22,349	16,106
	# Change 04-08	1,184	85,830	8,319	748	5,780	1,376	1,485	-438	452	2,841	2,059
	% Change 04-08	13.9%	16.0%	13.1%	19.2%	27.1%	11.7%	13.5%	-1.7%	3.5%	14.6%	14.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 650: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43.6%	34.3%	20.1%	28.8%	32.9%	40.8%	26.5%	26.6%	39.0%	42.2%	42.0%
	2005	43.3%	34.2%	19.3%	28.6%	34.0%	42.7%	26.7%	26.8%	37.7%	42.7%	42.2%
	2006	42.7%	34.0%	20.1%	29.1%	34.4%	43.8%	27.6%	26.5%	37.9%	41.4%	41.0%
	2007	42.1%	33.9%	20.0%	28.1%	34.6%	42.6%	28.0%	27.0%	37.3%	39.7%	42.1%
	2008	41.8%	34.3%	21.7%	29.6%	34.2%	43.0%	26.3%	27.3%	35.1%	40.1%	44.3%
Private Institutions	2004	42.2%	49.6%	55.2%	40.9%	32.9%	38.4%	53.0%	38.7%	25.4%	41.6%	75.8%
	2005	50.1%	49.8%	52.2%	42.9%	29.5%	38.6%	55.1%	38.7%	24.3%	43.3%	73.5%
	2006	49.9%	49.4%	50.2%	42.4%	33.1%	41.9%	55.8%	34.6%	23.4%	42.9%	75.5%
	2007	47.8%	49.9%	49.3%	41.5%	37.1%	44.3%	58.6%	38.8%	27.1%	44.1%	74.1%
	2008	47.7%	50.0%	52.2%	41.2%	38.0%	43.3%	57.4%	38.0%	33.0%	43.3%	73.8%
All Institutions	2004	43.0%	39.5%	33.0%	36.1%	32.9%	40.3%	39.3%	32.2%	37.5%	41.8%	55.1%
	2005	46.5%	39.6%	31.2%	37.4%	32.6%	41.8%	40.7%	32.2%	36.2%	43.1%	54.7%
	2006	45.9%	39.4%	31.6%	37.3%	34.0%	43.4%	41.3%	30.0%	36.0%	42.3%	54.5%
	2007	44.7%	39.5%	30.9%	36.3%	35.4%	43.0%	41.9%	32.3%	36.0%	42.4%	54.8%
	2008	44.5%	39.9%	33.4%	36.7%	35.4%	43.1%	40.1%	32.0%	34.8%	42.1%	55.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 651: Number of Bachelor's Degrees in STEM Majors - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3,068	232,025	25,039	1,587	8,284	4,234	5,077	9,384	8,574	8,874	7,278
	2005	3,199	240,138	26,327	1,740	8,323	4,588	5,026	10,006	8,315	9,547	7,468
	2006	3,190	247,572	27,453	1,937	8,414	4,686	5,082	9,942	8,196	9,828	7,690
	2007	3,385	255,099	28,043	2,027	8,838	4,791	5,315	10,061	8,620	10,044	7,879
	2008	3,542	262,389	28,879	2,122	8,873	4,986	5,487	10,527	9,084	10,310	8,086
	# Change 04-08	474	30,364	3,840	535	589	752	410	1,143	510	1,436	808
	% Change 04-08	15.4%	13.1%	15.3%	33.7%	7.1%	17.8%	8.1%	12.2%	5.9%	16.2%	11.1%
Private Institutions	2004	7,390	116,433	8,477	1,748	6,905	2,169	1,943	14,962	2,464	10,599	1,601
	2005	7,451	117,649	7,809	1,690	8,043	2,426	1,905	14,793	2,284	10,924	1,865
	2006	8,030	122,937	7,401	1,700	8,548	2,548	1,703	14,934	2,223	11,602	1,887
	2007	8,064	128,458	7,416	1,935	8,274	2,511	1,660	15,987	2,286	11,929	1,982
	2008	8,638	133,266	8,407	2,027	7,979	2,697	1,851	16,465	2,186	12,563	2,088
	# Change 04-08	1,248	16,833	-70	279	1,074	528	-92	1,503	-278	1,964	487
	% Change 04-08	16.9%	14.5%	-0.8%	16.0%	15.6%	24.3%	-4.7%	10.0%	-11.3%	18.5%	30.4%
All Institutions	2004	10,458	348,458	33,516	3,335	15,189	6,403	7,020	24,346	11,038	19,473	8,879
	2005	10,650	357,787	34,136	3,430	16,366	7,014	6,931	24,799	10,599	20,471	9,333
	2006	11,220	370,509	34,854	3,637	16,962	7,234	6,785	24,876	10,419	21,430	9,577
	2007	11,449	383,557	35,459	3,962	17,112	7,302	6,975	26,048	10,906	21,973	9,861
	2008	12,180	395,655	37,286	4,149	16,852	7,683	7,338	26,992	11,270	22,873	10,174
	# Change 04-08	1,722	47,197	3,770	814	1,663	1,280	318	2,646	232	3,400	1,295
	% Change 04-08	16.5%	13.5%	11.2%	24.4%	10.9%	20.0%	4.5%	10.9%	2.1%	17.5%	14.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 652: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21.6%	24.5%	22.8%	18.4%	25.3%	23.0%	22.7%	20.8%	29.1%	23.0%	25.5%
	2005	21.7%	24.5%	23.2%	19.3%	25.3%	24.3%	21.6%	20.7%	28.2%	23.7%	25.4%
	2006	21.3%	24.7%	23.4%	19.7%	25.5%	24.0%	21.4%	20.1%	27.5%	23.8%	25.1%
	2007	22.2%	24.9%	23.6%	20.5%	25.8%	24.1%	22.1%	19.8%	28.3%	24.0%	25.2%
	2008	22.6%	25.1%	23.6%	20.4%	25.4%	24.8%	22.4%	20.2%	28.1%	24.6%	25.1%
Private Institutions	2004	20.9%	21.4%	21.6%	19.0%	23.0%	18.8%	22.2%	21.9%	17.9%	25.3%	17.6%
	2005	21.3%	21.1%	19.2%	19.1%	23.3%	19.8%	20.7%	21.5%	17.0%	25.5%	19.2%
	2006	22.1%	21.2%	17.9%	18.2%	22.2%	20.7%	19.0%	22.0%	16.4%	26.3%	17.9%
	2007	21.9%	21.3%	17.6%	19.8%	21.0%	19.6%	17.8%	22.4%	16.4%	26.6%	17.9%
	2008	22.7%	21.6%	19.1%	20.7%	20.6%	20.2%	18.7%	22.7%	15.1%	27.3%	17.8%
All Institutions	2004	21.1%	23.4%	22.5%	18.7%	24.2%	21.4%	22.6%	21.4%	25.6%	24.2%	23.6%
	2005	21.4%	23.3%	22.2%	19.2%	24.3%	22.5%	21.3%	21.2%	24.7%	24.6%	23.8%
	2006	21.9%	23.4%	22.0%	19.0%	23.7%	22.7%	20.7%	21.2%	24.0%	25.1%	23.3%
	2007	22.0%	23.6%	22.1%	20.1%	23.2%	22.3%	20.9%	21.3%	24.5%	25.4%	23.3%
	2008	22.6%	23.8%	22.4%	20.6%	22.9%	23.0%	21.4%	21.6%	24.1%	26.0%	23.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 653: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1,130	80,813	7,753	558	3,324	1,222	2,010	3,325	2,779	2,482	2,865
	2005	1,062	82,965	8,757	638	3,077	1,440	1,969	3,286	2,627	2,447	2,748
	2006	1,062	83,270	8,963	665	3,156	1,603	2,014	3,241	2,730	2,429	3,020
	2007	1,092	81,586	8,196	609	3,300	1,534	1,948	3,209	2,767	2,351	2,803
	2008	1,212	86,249	9,212	590	3,740	1,737	2,197	3,521	2,941	2,359	3,003
	# Change 04-08	82	5,436	1,459	32	416	515	187	196	162	-123	138
	% Change 04-08	7.3%	6.7%	18.8%	5.7%	12.5%	42.1%	9.3%	5.9%	5.8%	-5.0%	4.8%
Private Institutions	2004	5,359	52,848	6,401	1,741	3,199	826	1,200	9,193	645	4,843	279
	2005	5,373	53,435	6,138	1,901	3,672	1,036	1,304	9,182	544	4,769	285
	2006	5,210	56,716	6,352	1,865	3,943	1,077	1,339	9,429	600	5,101	286
	2007	5,476	59,579	6,404	1,825	3,958	1,457	1,385	9,784	826	5,464	364
	2008	5,798	64,161	7,148	2,082	4,213	2,035	1,449	10,013	836	6,037	591
	# Change 04-08	439	11,313	747	341	1,014	1,209	249	820	191	1,194	312
	% Change 04-08	8.2%	21.4%	11.7%	19.6%	31.7%	146.4%	20.8%	8.9%	29.6%	24.7%	111.8%
All Institutions	2004	6,489	133,661	14,154	2,299	6,523	2,048	3,210	12,518	3,424	7,325	3,144
	2005	6,435	136,400	14,895	2,539	6,749	2,476	3,273	12,468	3,171	7,216	3,033
	2006	6,272	139,986	15,315	2,530	7,099	2,680	3,353	12,670	3,330	7,530	3,306
	2007	6,568	141,165	14,600	2,434	7,258	2,991	3,333	12,993	3,593	7,815	3,167
	2008	7,010	150,410	16,360	2,672	7,953	3,772	3,646	13,534	3,777	8,396	3,594
	# Change 04-08	521	16,749	2,206	373	1,430	1,724	436	1,016	353	1,071	450
	% Change 04-08	8.0%	12.5%	15.6%	16.2%	21.9%	84.2%	13.6%	8.1%	10.3%	14.6%	14.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 654: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21.5%	27.0%	29.8%	16.8%	27.6%	27.6%	29.0%	17.0%	33.3%	24.7%	29.0%
	2005	19.9%	26.9%	31.6%	17.3%	26.0%	29.1%	27.3%	17.7%	30.8%	24.7%	26.1%
	2006	19.8%	26.6%	31.2%	18.2%	26.6%	30.8%	27.8%	16.8%	30.6%	23.7%	27.0%
	2007	19.6%	26.3%	29.9%	17.4%	27.9%	29.0%	26.8%	16.9%	29.8%	22.3%	25.2%
	2008	20.3%	26.8%	30.2%	14.6%	29.8%	30.7%	29.8%	18.7%	30.1%	21.8%	25.5%
Private Institutions	2004	22.1%	17.6%	18.0%	29.3%	13.7%	10.6%	20.8%	19.0%	19.7%	27.2%	10.1%
	2005	22.3%	17.2%	18.2%	29.9%	13.8%	11.2%	21.4%	19.6%	16.9%	26.0%	9.3%
	2006	21.2%	17.1%	18.0%	30.0%	14.0%	9.5%	20.8%	19.0%	16.6%	26.4%	9.2%
	2007	22.5%	17.3%	18.2%	30.0%	14.1%	11.7%	20.9%	19.3%	21.7%	26.8%	10.0%
	2008	22.5%	17.9%	19.6%	33.7%	14.4%	14.6%	20.4%	20.0%	21.2%	28.2%	13.5%
All Institutions	2004	22.0%	22.3%	23.0%	24.8%	18.4%	16.8%	25.2%	18.4%	29.5%	26.3%	24.8%
	2005	21.8%	22.1%	24.2%	25.3%	17.5%	17.4%	24.6%	19.1%	27.0%	25.6%	22.3%
	2006	20.9%	21.7%	23.9%	25.6%	17.7%	16.2%	24.5%	18.4%	26.6%	25.5%	23.1%
	2007	22.0%	21.6%	23.3%	25.4%	18.2%	16.9%	24.0%	18.6%	27.4%	25.2%	21.4%
	2008	22.1%	22.1%	24.4%	26.1%	19.0%	19.2%	25.2%	19.7%	27.5%	26.0%	22.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 655: Number of Doctor's and First Professional Degrees in STEM Majors - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	345	34,911	2,820	310	1,262	822	1,084	1,430	1,031	1,612	1,107
	2005	339	37,660	3,007	317	1,356	903	1,036	1,522	1,064	1,628	1,202
	2006	321	39,787	3,267	379	1,438	937	1,075	1,589	1,129	1,777	1,289
	2007	382	42,723	3,537	385	1,492	1,037	1,081	1,604	1,200	1,780	1,317
	2008	386	44,496	3,690	399	1,549	975	1,209	1,699	1,222	1,925	1,395
	# Change 04-08	41	9,585	870	89	287	153	125	269	191	313	288
	% Change 04-08	11.9%	27.5%	30.9%	28.7%	22.7%	18.6%	11.5%	18.8%	18.5%	19.4%	26.0%
Private Institutions	2004	2,751	25,257	3,058	349	1,805	247	193	3,896	486	2,507	346
	2005	2,802	26,827	3,180	321	1,838	232	204	4,064	527	2,814	459
	2006	3,063	28,101	3,266	335	1,911	306	241	4,076	454	2,932	370
	2007	3,415	30,402	3,358	363	2,017	375	262	4,375	622	3,210	503
	2008	3,264	32,209	3,535	366	2,265	361	230	4,731	648	3,525	595
	# Change 04-08	513	6,952	477	17	460	114	37	835	162	1,018	249
	% Change 04-08	18.6%	27.5%	15.6%	4.9%	25.5%	46.2%	19.2%	21.4%	33.3%	40.6%	72.0%
All Institutions	2004	3,096	60,168	5,878	659	3,067	1,069	1,277	5,326	1,517	4,119	1,453
	2005	3,141	64,487	6,187	638	3,194	1,135	1,240	5,586	1,591	4,442	1,661
	2006	3,384	67,888	6,533	714	3,349	1,243	1,316	5,665	1,583	4,709	1,659
	2007	3,797	73,125	6,895	748	3,509	1,412	1,343	5,979	1,822	4,990	1,820
	2008	3,650	76,705	7,225	765	3,814	1,336	1,439	6,430	1,870	5,450	1,990
	# Change 04-08	554	16,537	1,347	106	747	267	162	1,104	353	1,331	537
	% Change 04-08	17.9%	27.5%	22.9%	16.1%	24.4%	25.0%	12.7%	20.7%	23.3%	32.3%	37.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 656: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - All Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	64.4%	54.4%	52.9%	50.6%	57.3%	62.9%	59.3%	58.3%	57.7%	52.6%	45.3%
	2005	64.2%	55.5%	55.8%	47.8%	57.3%	62.1%	58.6%	59.4%	57.4%	52.7%	47.7%
	2006	65.8%	56.6%	57.4%	49.2%	58.4%	61.0%	60.6%	60.1%	58.7%	55.2%	49.2%
	2007	67.5%	58.0%	58.7%	51.8%	59.3%	62.2%	58.2%	60.8%	60.4%	54.9%	50.4%
	2008	71.6%	58.4%	58.2%	55.8%	60.0%	62.4%	59.4%	61.5%	58.5%	57.3%	49.6%
Private Institutions	2004	44.5%	36.8%	34.1%	33.7%	38.2%	17.8%	19.0%	39.3%	36.0%	58.5%	28.5%
	2005	43.4%	36.2%	32.5%	30.9%	37.1%	15.0%	17.1%	38.6%	37.0%	58.1%	31.0%
	2006	44.8%	37.2%	34.3%	32.4%	37.9%	16.8%	21.4%	38.6%	32.3%	58.7%	25.7%
	2007	47.0%	38.3%	33.5%	34.4%	37.6%	16.9%	22.5%	41.2%	39.2%	62.1%	30.4%
	2008	47.2%	40.3%	35.1%	36.1%	41.9%	15.5%	21.5%	43.1%	41.7%	66.8%	33.7%
All Institutions	2004	46.1%	45.3%	41.1%	40.0%	44.3%	39.7%	44.9%	43.0%	48.4%	56.1%	39.7%
	2005	45.0%	45.5%	40.8%	37.5%	43.6%	37.9%	41.9%	42.7%	48.5%	56.0%	41.5%
	2006	46.2%	46.5%	43.0%	39.6%	44.6%	37.0%	45.4%	43.0%	47.6%	57.3%	40.9%
	2007	48.5%	47.8%	43.0%	41.6%	44.5%	36.3%	44.5%	45.1%	51.0%	59.3%	42.6%
	2008	48.9%	49.2%	44.0%	44.3%	47.8%	34.4%	46.3%	46.8%	51.3%	63.1%	43.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 657: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Female Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3,245	200,144	14,769	752	11,429	6,539	2,484	7,613	7,829	5,013	4,101
	2005	3,388	214,081	15,578	820	12,591	7,082	2,655	7,898	8,169	5,511	4,214
	2006	3,365	218,007	15,660	858	12,618	7,818	2,800	8,047	8,610	5,499	4,328
	2007	3,227	225,677	16,683	873	13,155	7,774	3,050	8,494	8,547	5,496	4,349
	2008	3,452	233,079	18,349	907	13,085	7,485	2,974	8,504	8,150	5,841	4,976
	# Change 04-08	207	32,935	3,580	155	1,656	946	490	891	321	828	875
	% Change 04-08	6.4%	16.5%	24.2%	20.6%	14.5%	14.5%	19.7%	11.7%	4.1%	16.5%	21.3%
Private Institutions	2004	2,583	164,602	27,730	2,004	3,626	1,603	4,797	10,180	832	7,554	5,398
	2005	3,983	183,467	28,625	2,505	5,028	1,837	5,974	10,752	879	8,972	5,739
	2006	3,827	193,854	29,499	2,494	6,498	2,128	6,053	9,198	981	10,184	6,011
	2007	3,604	205,128	29,772	2,571	7,272	2,302	6,192	10,734	1,169	10,551	6,166
	2008	3,759	214,802	33,435	2,661	7,527	2,325	6,025	9,994	1,313	10,361	6,429
	# Change 04-08	1,176	50,200	5,705	657	3,901	722	1,228	-186	481	2,807	1,031
	% Change 04-08	45.5%	30.5%	20.6%	32.8%	107.6%	45.0%	25.6%	-1.8%	57.8%	37.2%	19.1%
All Institutions	2004	5,828	364,746	42,499	2,756	15,055	8,142	7,281	17,793	8,661	12,567	9,499
	2005	7,371	397,548	44,203	3,325	17,619	8,919	8,629	18,650	9,048	14,483	9,953
	2006	7,192	411,861	45,159	3,352	19,116	9,946	8,853	17,245	9,591	15,683	10,339
	2007	6,831	430,805	46,455	3,444	20,427	10,076	9,242	19,228	9,716	16,047	10,515
	2008	7,211	447,881	51,784	3,568	20,612	9,810	8,999	18,498	9,463	16,202	11,405
	# Change 04-08	1,383	83,135	9,285	812	5,557	1,668	1,718	705	802	3,635	1,906
	% Change 04-08	23.7%	22.8%	21.8%	29.5%	36.9%	20.5%	23.6%	4.0%	9.3%	28.9%	20.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 658: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Female Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43.6%	37.8%	20.2%	26.0%	41.9%	50.9%	27.1%	27.2%	43.7%	44.5%	41.5%
	2005	44.3%	38.5%	20.2%	27.0%	43.5%	53.3%	28.0%	27.9%	43.1%	45.7%	42.0%
	2006	44.2%	38.6%	20.7%	28.1%	43.5%	54.4%	28.6%	28.2%	44.2%	45.2%	42.0%
	2007	43.7%	39.2%	21.4%	27.7%	44.8%	53.6%	29.7%	29.4%	43.3%	43.5%	42.5%
	2008	44.6%	39.8%	23.2%	28.5%	45.2%	54.0%	27.8%	29.6%	41.0%	44.6%	45.3%
Private Institutions	2004	41.3%	54.1%	58.1%	56.8%	37.3%	39.1%	56.8%	40.6%	36.2%	48.8%	79.1%
	2005	52.5%	56.0%	57.6%	63.4%	35.5%	40.3%	62.4%	42.8%	35.3%	52.2%	77.2%
	2006	52.8%	56.5%	57.8%	62.0%	39.6%	43.8%	62.5%	38.8%	33.9%	54.3%	79.6%
	2007	52.1%	57.3%	56.7%	62.8%	44.4%	48.0%	65.4%	43.7%	39.3%	55.1%	79.0%
	2008	52.9%	57.2%	60.0%	64.2%	46.1%	47.1%	65.6%	42.9%	44.1%	54.7%	78.6%
All Institutions	2004	42.6%	43.8%	35.1%	43.0%	40.7%	48.0%	41.4%	33.6%	42.9%	47.0%	56.8%
	2005	48.4%	45.0%	34.9%	47.6%	40.9%	50.0%	45.3%	34.9%	42.2%	49.5%	57.0%
	2006	48.4%	45.4%	35.7%	47.4%	42.1%	51.7%	45.5%	33.0%	42.9%	50.7%	57.9%
	2007	47.8%	46.2%	35.6%	47.6%	44.7%	52.2%	46.8%	36.0%	42.8%	50.5%	58.3%
	2008	48.6%	46.6%	38.4%	48.7%	45.5%	52.2%	45.2%	35.5%	41.4%	50.6%	59.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 659: Number of Bachelor's Degrees in STEM Majors - Female Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1,555	108,272	11,273	752	3,515	1,904	2,368	4,199	4,146	3,895	3,638
	2005	1,585	112,808	12,015	825	3,560	2,039	2,369	4,499	4,069	4,139	3,588
	2006	1,577	117,970	12,633	981	3,565	2,096	2,444	4,686	4,224	4,285	3,745
	2007	1,743	122,602	12,915	1,003	3,790	2,179	2,606	4,763	4,343	4,419	3,759
	2008	1,863	127,457	13,390	1,065	3,891	2,285	2,771	5,079	4,723	4,568	3,875
	# Change 04-08	308	19,185	2,117	313	376	381	403	880	577	673	237
	% Change 04-08	19.8%	17.7%	18.8%	41.6%	10.7%	20.0%	17.0%	21.0%	13.9%	17.3%	6.5%
Private Institutions	2004	3,560	57,642	3,532	1,004	3,307	1,181	867	7,040	1,314	5,496	1,054
	2005	3,680	59,386	3,236	982	3,757	1,327	902	7,015	1,283	5,817	1,212
	2006	4,126	64,586	3,306	992	4,340	1,429	811	7,300	1,233	6,446	1,237
	2007	4,145	68,780	3,474	1,136	4,377	1,403	848	7,866	1,269	6,676	1,333
	2008	4,498	72,869	3,759	1,187	4,480	1,507	954	8,427	1,237	7,157	1,389
	# Change 04-08	938	15,227	227	183	1,173	326	87	1,387	-77	1,661	335
	% Change 04-08	26.3%	26.4%	6.4%	18.2%	35.5%	27.6%	10.0%	19.7%	-5.9%	30.2%	31.8%
All Institutions	2004	5,115	165,914	14,805	1,756	6,822	3,085	3,235	11,239	5,460	9,391	4,692
	2005	5,265	172,194	15,251	1,807	7,317	3,366	3,271	11,514	5,352	9,956	4,800
	2006	5,703	182,556	15,939	1,973	7,905	3,525	3,255	11,986	5,457	10,731	4,982
	2007	5,888	191,382	16,389	2,139	8,167	3,582	3,454	12,629	5,612	11,095	5,092
	2008	6,361	200,326	17,149	2,252	8,371	3,792	3,725	13,506	5,960	11,725	5,264
	# Change 04-08	1,246	34,412	2,344	496	1,549	707	490	2,267	500	2,334	572
	% Change 04-08	24.4%	20.7%	15.8%	28.2%	22.7%	22.9%	15.1%	20.2%	9.2%	24.9%	12.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 660: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Female Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	18.7%	20.0%	17.5%	15.2%	19.7%	18.3%	18.0%	15.8%	24.6%	17.9%	22.1%
	2005	18.2%	20.1%	18.0%	16.2%	19.9%	19.1%	17.2%	15.9%	23.8%	18.4%	21.5%
	2006	18.2%	20.5%	18.5%	17.3%	20.0%	19.0%	17.5%	16.1%	24.2%	18.8%	21.3%
	2007	19.8%	21.0%	18.8%	17.6%	20.8%	19.6%	19.0%	16.1%	24.8%	19.1%	21.0%
	2008	20.8%	21.5%	19.0%	17.8%	20.8%	20.5%	19.8%	16.8%	25.0%	19.9%	21.2%
Private Institutions	2004	17.6%	18.4%	16.0%	18.7%	18.6%	16.7%	17.0%	18.0%	16.0%	22.6%	18.9%
	2005	17.8%	18.4%	14.1%	19.0%	18.8%	18.1%	16.7%	18.0%	15.8%	23.5%	20.3%
	2006	19.3%	19.1%	14.0%	18.3%	19.0%	19.4%	15.7%	18.3%	14.8%	25.1%	19.2%
	2007	19.2%	19.6%	14.3%	19.8%	18.5%	18.2%	16.0%	19.1%	14.8%	25.7%	19.5%
	2008	20.2%	20.2%	15.0%	21.4%	19.1%	19.0%	16.9%	20.0%	13.9%	26.6%	19.7%
All Institutions	2004	17.9%	19.4%	17.1%	17.0%	19.2%	17.6%	17.7%	17.1%	21.8%	20.4%	21.3%
	2005	17.9%	19.5%	17.0%	17.6%	19.3%	18.7%	17.1%	17.1%	21.2%	21.0%	21.2%
	2006	19.0%	20.0%	17.3%	17.8%	19.5%	19.2%	17.0%	17.4%	21.2%	22.1%	20.8%
	2007	19.4%	20.5%	17.6%	18.7%	19.5%	19.0%	18.2%	17.8%	21.5%	22.6%	20.6%
	2008	20.4%	21.0%	18.0%	19.5%	19.9%	19.9%	19.0%	18.7%	21.4%	23.5%	20.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 661: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Female Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	542	38,337	3,829	376	1,467	681	1,025	1,777	1,425	1,289	1,250
	2005	561	39,799	4,017	362	1,403	792	982	1,675	1,385	1,250	1,212
	2006	568	41,081	4,247	400	1,429	847	1,023	1,716	1,467	1,317	1,306
	2007	586	41,398	4,139	369	1,653	824	972	1,712	1,542	1,343	1,230
	2008	645	43,613	4,330	370	1,766	924	1,168	1,920	1,633	1,318	1,360
	# Change 04-08	103	5,276	501	-6	299	243	143	143	208	29	110
	% Change 04-08	19.0%	13.8%	13.1%	-1.6%	20.4%	35.7%	14.0%	8.0%	14.6%	2.2%	8.8%
Private Institutions	2004	2,673	27,300	2,840	913	1,569	473	485	4,513	433	2,588	189
	2005	2,762	28,000	2,682	1,016	1,727	503	535	4,660	366	2,560	203
	2006	2,607	30,600	2,819	1,015	1,951	574	562	4,780	419	2,740	198
	2007	2,811	33,106	2,973	987	1,922	939	551	5,110	556	3,057	282
	2008	3,030	36,020	3,393	1,038	2,141	1,456	569	5,430	564	3,377	311
	# Change 04-08	357	8,720	553	125	572	983	84	917	131	789	122
	% Change 04-08	13.4%	31.9%	19.5%	13.7%	36.5%	207.8%	17.3%	20.3%	30.3%	30.5%	64.6%
All Institutions	2004	3,215	65,637	6,669	1,289	3,036	1,154	1,510	6,290	1,858	3,877	1,439
	2005	3,323	67,799	6,699	1,378	3,130	1,295	1,517	6,335	1,751	3,810	1,415
	2006	3,175	71,681	7,066	1,415	3,380	1,421	1,585	6,496	1,886	4,057	1,504
	2007	3,397	74,504	7,112	1,356	3,575	1,763	1,523	6,822	2,098	4,400	1,512
	2008	3,675	79,633	7,723	1,408	3,907	2,380	1,737	7,350	2,197	4,695	1,671
	# Change 04-08	460	13,996	1,054	119	871	1,226	227	1,060	339	818	232
	% Change 04-08	14.3%	21.3%	15.8%	9.2%	28.7%	106.2%	15.0%	16.9%	18.2%	21.1%	16.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 662: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Female Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	15.4%	21.5%	25.1%	17.2%	20.8%	26.5%	24.0%	13.7%	28.3%	21.0%	21.6%
	2005	15.7%	21.5%	25.5%	14.5%	20.1%	26.8%	21.5%	13.9%	26.6%	21.2%	19.2%
	2006	15.6%	21.8%	26.2%	16.2%	20.7%	28.1%	22.2%	13.7%	26.7%	20.7%	19.6%
	2007	15.8%	21.9%	25.7%	16.0%	23.7%	26.2%	21.2%	13.8%	26.4%	20.4%	18.3%
	2008	16.4%	22.4%	25.1%	13.9%	24.2%	28.3%	25.0%	15.8%	27.0%	19.9%	19.4%
Private Institutions	2004	18.7%	15.4%	13.7%	28.0%	12.3%	8.6%	16.4%	15.0%	26.8%	25.5%	10.8%
	2005	19.4%	15.3%	13.7%	28.3%	11.5%	7.6%	16.8%	16.3%	22.6%	24.3%	10.5%
	2006	17.8%	15.4%	13.7%	28.2%	12.2%	6.8%	17.6%	15.7%	21.9%	24.9%	10.1%
	2007	18.9%	15.8%	14.2%	28.1%	11.9%	10.2%	16.4%	16.2%	28.3%	25.4%	12.1%
	2008	19.5%	16.6%	15.9%	29.8%	12.5%	13.9%	16.3%	17.2%	27.0%	26.6%	11.9%
All Institutions	2004	18.1%	18.5%	18.5%	23.6%	15.3%	14.2%	20.9%	14.6%	27.9%	23.8%	19.1%
	2005	18.7%	18.4%	19.0%	22.7%	14.2%	13.6%	19.6%	15.6%	25.6%	23.2%	17.2%
	2006	17.4%	18.5%	19.2%	23.3%	14.8%	12.5%	20.3%	15.1%	25.5%	23.4%	17.4%
	2007	18.3%	18.7%	19.2%	23.3%	15.5%	14.2%	19.2%	15.5%	26.9%	23.7%	16.7%
	2008	18.9%	19.3%	20.0%	22.9%	16.0%	17.4%	21.3%	16.8%	27.0%	24.3%	17.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 663: Number of Doctor's and First Professional Degrees in STEM Majors - Female Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	165	15,905	1,283	148	572	416	515	664	490	742	514
	2005	152	17,631	1,265	164	628	435	513	693	532	728	570
	2006	132	18,848	1,445	173	627	495	558	752	546	885	636
	2007	168	20,341	1,550	197	667	529	546	731	609	854	628
	2008	162	21,569	1,626	200	672	523	648	817	614	945	647
	# Change 04-08	-3	5,664	343	52	100	107	133	153	124	203	133
	% Change 04-08	-1.8%	35.6%	26.7%	35.1%	17.5%	25.7%	25.8%	23.0%	25.3%	27.4%	25.9%
Private Institutions	2004	1,398	11,875	1,320	140	862	105	62	1,836	219	1,280	214
	2005	1,396	13,232	1,421	156	894	101	58	1,953	259	1,494	298
	2006	1,571	14,371	1,482	167	986	148	84	2,068	229	1,626	215
	2007	1,747	16,002	1,579	175	1,066	209	77	2,295	337	1,899	287
	2008	1,676	16,940	1,736	185	1,203	208	81	2,395	357	2,042	358
	# Change 04-08	278	5,065	416	45	341	103	19	559	138	762	144
	% Change 04-08	19.9%	42.7%	31.5%	32.1%	39.6%	98.1%	30.6%	30.4%	63.0%	59.5%	67.3%
All Institutions	2004	1,563	27,780	2,603	288	1,434	521	577	2,500	709	2,022	728
	2005	1,548	30,863	2,686	320	1,522	536	571	2,646	791	2,222	868
	2006	1,703	33,219	2,927	340	1,613	643	642	2,820	775	2,511	851
	2007	1,915	36,343	3,129	372	1,733	738	623	3,026	946	2,753	915
	2008	1,838	38,509	3,362	385	1,875	731	729	3,212	971	2,987	1,005
	# Change 04-08	275	10,729	759	97	441	210	152	712	262	965	277
	% Change 04-08	17.6%	38.6%	29.2%	33.7%	30.8%	40.3%	26.3%	28.5%	37.0%	47.7%	38.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 664: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Female Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	57.7%	50.7%	48.3%	45.7%	54.8%	60.8%	58.3%	53.4%	51.9%	49.1%	44.1%
	2005	54.7%	52.6%	48.4%	48.2%	54.7%	62.5%	58.2%	53.1%	53.6%	49.9%	48.6%
	2006	56.7%	53.9%	52.3%	42.4%	54.3%	61.9%	62.3%	55.0%	54.5%	54.8%	49.9%
	2007	57.3%	55.1%	52.8%	50.8%	56.6%	60.8%	59.7%	55.5%	58.3%	51.8%	50.4%
	2008	63.5%	56.3%	52.4%	54.2%	56.0%	62.0%	60.3%	56.1%	54.2%	56.0%	48.2%
Private Institutions	2004	45.5%	36.1%	30.4%	29.7%	37.5%	14.4%	14.5%	36.5%	36.5%	60.0%	37.1%
	2005	43.2%	36.4%	29.8%	31.5%	36.8%	12.7%	11.8%	36.8%	38.7%	60.0%	38.3%
	2006	45.7%	39.0%	32.1%	32.6%	39.9%	15.5%	18.2%	38.6%	34.6%	63.0%	32.3%
	2007	47.6%	40.6%	31.5%	33.9%	40.1%	16.8%	15.9%	42.6%	44.6%	66.6%	37.8%
	2008	47.3%	42.1%	34.1%	36.3%	44.2%	15.5%	17.2%	43.1%	46.2%	71.1%	40.7%
All Institutions	2004	46.5%	43.2%	37.2%	36.2%	42.9%	36.9%	44.0%	39.8%	45.9%	55.5%	41.8%
	2005	44.1%	44.2%	36.4%	38.3%	42.5%	35.9%	41.6%	40.0%	47.6%	56.3%	44.5%
	2006	46.4%	46.3%	39.7%	36.9%	44.5%	36.7%	47.3%	42.0%	46.6%	59.8%	43.8%
	2007	48.3%	47.6%	39.4%	41.2%	45.2%	34.9%	44.5%	45.1%	52.6%	61.1%	45.6%
	2008	48.4%	49.0%	41.1%	43.8%	47.8%	33.4%	47.2%	45.8%	51.0%	65.5%	45.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 665: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Male Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1,638	104,592	9,816	498	4,307	2,823	1,307	4,168	4,097	2,782	2,464
	2005	1,621	106,734	9,374	472	4,925	2,678	1,326	4,231	3,893	2,713	2,420
	2006	1,576	103,982	9,325	464	4,498	2,576	1,467	4,007	3,513	2,561	2,197
	2007	1,567	105,590	9,411	464	4,589	2,551	1,510	3,994	3,593	2,397	2,481
	2008	1,467	110,021	10,412	549	4,522	2,597	1,569	4,030	3,610	2,504	2,832
	# Change 04-08	-171	5,429	596	51	215	-226	262	-138	-487	-278	368
	% Change 04-08	-10.4%	5.2%	6.1%	10.2%	5.0%	-8.0%	20.0%	-3.3%	-11.9%	-10.0%	14.9%
Private Institutions	2004	1,043	66,185	11,235	635	1,948	772	2,385	4,502	152	4,159	2,084
	2005	1,039	61,613	10,039	581	1,794	809	2,002	3,746	151	4,068	1,957
	2006	871	58,558	9,051	608	1,769	656	2,013	3,015	155	3,811	1,730
	2007	1,032	58,065	8,387	564	1,731	597	1,715	3,652	152	3,666	1,742
	2008	1,015	63,451	9,673	520	1,956	706	1,890	3,497	289	3,643	1,869
	# Change 04-08	-28	-2,734	-1,562	-115	8	-66	-495	-1,005	137	-516	-215
	% Change 04-08	-2.7%	-4.1%	-13.9%	-18.1%	0.4%	-8.5%	-20.8%	-22.3%	90.1%	-12.4%	-10.3%
All Institutions	2004	2,681	170,777	21,051	1,133	6,255	3,595	3,692	8,670	4,249	6,941	4,548
	2005	2,660	168,347	19,413	1,053	6,719	3,487	3,328	7,977	4,044	6,781	4,377
	2006	2,447	162,540	18,376	1,072	6,267	3,232	3,480	7,022	3,668	6,372	3,927
	2007	2,599	163,655	17,798	1,028	6,320	3,148	3,225	7,646	3,745	6,063	4,223
	2008	2,482	173,472	20,085	1,069	6,478	3,303	3,459	7,527	3,899	6,147	4,701
	# Change 04-08	-199	2,695	-966	-64	223	-292	-233	-1,143	-350	-794	153
	% Change 04-08	-7.4%	1.6%	-4.6%	-5.6%	3.6%	-8.1%	-6.3%	-13.2%	-8.2%	-11.4%	3.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 666: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Male Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43.4%	29.1%	20.1%	34.3%	20.9%	27.9%	25.3%	25.6%	32.3%	38.5%	42.9%
	2005	41.4%	28.0%	17.8%	32.0%	21.8%	28.0%	24.5%	24.9%	30.0%	37.6%	42.6%
	2006	39.9%	27.1%	19.1%	31.2%	21.7%	27.6%	26.0%	23.7%	28.0%	35.1%	39.1%
	2007	39.0%	26.2%	17.9%	28.8%	20.9%	26.2%	25.0%	23.1%	28.1%	33.0%	41.5%
	2008	36.5%	26.5%	19.6%	31.7%	20.1%	27.1%	23.8%	23.5%	26.5%	32.4%	42.7%
Private Institutions	2004	44.6%	41.1%	49.2%	21.7%	27.0%	37.1%	46.6%	35.0%	9.6%	32.8%	68.4%
	2005	42.8%	37.5%	41.3%	17.9%	20.1%	35.3%	40.8%	30.3%	8.7%	31.5%	64.5%
	2006	40.1%	34.9%	35.3%	18.4%	20.7%	36.5%	42.2%	26.1%	7.9%	27.4%	63.8%
	2007	37.1%	34.3%	33.7%	16.3%	21.9%	34.2%	42.8%	29.3%	8.0%	28.0%	60.6%
	2008	34.9%	35.1%	36.1%	14.6%	22.6%	34.3%	41.1%	28.8%	15.4%	27.2%	60.9%
All Institutions	2004	43.9%	32.8%	29.4%	25.9%	22.5%	29.5%	35.9%	29.8%	29.8%	34.9%	51.7%
	2005	41.9%	30.9%	25.2%	22.3%	21.3%	29.4%	32.2%	27.2%	27.4%	33.7%	50.2%
	2006	40.0%	29.5%	24.6%	22.4%	21.4%	29.0%	33.4%	24.7%	25.3%	30.1%	47.1%
	2007	38.2%	28.6%	23.0%	20.3%	21.1%	27.4%	32.1%	25.7%	25.5%	29.8%	47.7%
	2008	35.9%	29.1%	25.1%	20.2%	20.8%	28.3%	30.9%	25.7%	25.1%	29.1%	48.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 667: Number of Bachelor's Degrees in STEM Majors - Male Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	1,513	123,753	13,766	835	4,769	2,330	2,709	5,185	4,428	4,979	3,640
	2005	1,614	127,330	14,312	915	4,763	2,549	2,657	5,507	4,246	5,408	3,880
	2006	1,613	129,602	14,820	956	4,849	2,590	2,638	5,256	3,972	5,543	3,945
	2007	1,642	132,497	15,128	1,024	5,048	2,612	2,709	5,298	4,277	5,625	4,120
	2008	1,679	134,932	15,489	1,057	4,982	2,701	2,716	5,448	4,361	5,742	4,211
	# Change 04-08	166	11,179	1,723	222	213	371	7	263	-67	763	571
	% Change 04-08	11.0%	9.0%	12.5%	26.6%	4.5%	15.9%	0.3%	5.1%	-1.5%	15.3%	15.7%
Private Institutions	2004	3,830	58,791	4,945	744	3,598	988	1,076	7,922	1,150	5,103	547
	2005	3,771	58,263	4,573	708	4,286	1,099	1,003	7,778	1,001	5,107	653
	2006	3,904	58,351	4,095	708	4,208	1,119	892	7,634	990	5,156	650
	2007	3,919	59,678	3,942	799	3,897	1,108	812	8,121	1,017	5,253	649
	2008	4,140	60,397	4,648	840	3,499	1,190	897	8,038	949	5,406	699
	# Change 04-08	310	1,606	-297	96	-99	202	-179	116	-201	303	152
	% Change 04-08	8.1%	2.7%	-6.0%	12.9%	-2.8%	20.4%	-16.6%	1.5%	-17.5%	5.9%	27.8%
All Institutions	2004	5,343	182,544	18,711	1,579	8,367	3,318	3,785	13,107	5,578	10,082	4,187
	2005	5,385	185,593	18,885	1,623	9,049	3,648	3,660	13,285	5,247	10,515	4,533
	2006	5,517	187,953	18,915	1,664	9,057	3,709	3,530	12,890	4,962	10,699	4,595
	2007	5,561	192,175	19,070	1,823	8,945	3,720	3,521	13,419	5,294	10,878	4,769
	2008	5,819	195,329	20,137	1,897	8,481	3,891	3,613	13,486	5,310	11,148	4,910
	# Change 04-08	476	12,785	1,426	318	114	573	-172	379	-268	1,066	723
	% Change 04-08	8.9%	7.0%	7.6%	20.1%	1.4%	17.3%	-4.5%	2.9%	-4.8%	10.6%	17.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 668: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Male Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	25.7%	30.7%	30.5%	22.8%	32.0%	29.1%	29.6%	27.8%	35.2%	29.5%	30.1%
	2005	26.7%	30.4%	30.5%	23.2%	31.7%	31.2%	27.8%	27.5%	34.2%	30.3%	30.5%
	2006	25.6%	30.3%	30.4%	23.0%	32.0%	30.5%	26.8%	26.0%	32.2%	29.9%	30.2%
	2007	25.4%	30.1%	30.3%	24.4%	31.4%	29.9%	26.3%	24.9%	33.1%	30.1%	30.7%
	2008	25.0%	29.9%	29.9%	23.9%	30.8%	30.0%	25.9%	24.8%	32.6%	30.2%	30.3%
Private Institutions	2004	25.4%	25.7%	28.7%	19.4%	29.5%	22.0%	29.5%	27.1%	20.8%	28.8%	15.5%
	2005	26.2%	24.9%	25.9%	19.2%	29.7%	22.3%	26.3%	26.1%	18.7%	28.3%	17.3%
	2006	26.2%	24.3%	23.3%	18.0%	26.7%	22.6%	23.4%	27.2%	18.9%	28.0%	15.9%
	2007	25.7%	23.8%	22.1%	19.7%	24.7%	21.7%	20.3%	26.8%	18.7%	27.9%	15.4%
	2008	26.1%	23.6%	24.4%	19.9%	23.0%	22.0%	21.1%	26.5%	17.1%	28.4%	14.9%
All Institutions	2004	25.4%	28.9%	30.0%	21.0%	30.9%	26.6%	29.5%	27.4%	30.8%	29.2%	26.8%
	2005	26.3%	28.4%	29.2%	21.3%	30.7%	27.8%	27.4%	26.7%	29.5%	29.3%	27.5%
	2006	26.0%	28.1%	28.5%	20.6%	29.3%	27.6%	25.8%	26.7%	28.3%	29.0%	26.8%
	2007	25.6%	27.8%	28.1%	22.1%	28.1%	26.8%	24.6%	26.0%	28.9%	29.0%	27.0%
	2008	25.8%	27.6%	28.4%	22.0%	27.0%	27.0%	24.5%	25.8%	28.0%	29.3%	26.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 669: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Male Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	588	42,476	3,924	182	1,857	541	985	1,548	1,354	1,193	1,615
	2005	501	43,166	4,740	276	1,674	648	987	1,611	1,242	1,197	1,536
	2006	494	42,189	4,716	265	1,727	756	991	1,525	1,263	1,112	1,714
	2007	506	40,188	4,057	240	1,647	710	976	1,497	1,225	1,008	1,573
	2008	567	42,636	4,882	220	1,974	813	1,029	1,601	1,308	1,041	1,643
	# Change 04-08	-21	160	958	38	117	272	44	53	-46	-152	28
	% Change 04-08	-3.6%	0.4%	24.4%	20.9%	6.3%	50.3%	4.5%	3.4%	-3.4%	-12.7%	1.7%
Private Institutions	2004	2,686	25,548	3,561	828	1,630	353	715	4,680	212	2,255	90
	2005	2,611	25,435	3,456	885	1,945	533	769	4,522	178	2,209	82
	2006	2,603	26,116	3,533	850	1,992	503	777	4,649	181	2,361	88
	2007	2,665	26,473	3,431	838	2,036	518	834	4,674	270	2,407	82
	2008	2,768	28,141	3,755	1,044	2,072	579	880	4,583	272	2,660	280
	# Change 04-08	82	2,593	194	216	442	226	165	-97	60	405	190
	% Change 04-08	3.1%	10.1%	5.4%	26.1%	27.1%	64.0%	23.1%	-2.1%	28.3%	18.0%	211.1%
All Institutions	2004	3,274	68,024	7,485	1,010	3,487	894	1,700	6,228	1,566	3,448	1,705
	2005	3,112	68,601	8,196	1,161	3,619	1,181	1,756	6,133	1,420	3,406	1,618
	2006	3,097	68,305	8,249	1,115	3,719	1,259	1,768	6,174	1,444	3,473	1,802
	2007	3,171	66,661	7,488	1,078	3,683	1,228	1,810	6,171	1,495	3,415	1,655
	2008	3,335	70,777	8,637	1,264	4,046	1,392	1,909	6,184	1,580	3,701	1,923
	# Change 04-08	61	2,753	1,152	254	559	498	209	-44	14	253	218
	% Change 04-08	1.9%	4.0%	15.4%	25.1%	16.0%	55.7%	12.3%	-0.7%	0.9%	7.3%	12.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 670: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Male Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	33.9%	35.2%	36.4%	16.0%	37.1%	29.3%	36.9%	23.4%	41.1%	30.3%	39.3%
	2005	28.4%	35.0%	39.7%	23.3%	34.4%	32.5%	37.4%	24.5%	37.6%	29.9%	36.2%
	2006	28.8%	34.0%	37.8%	22.5%	34.8%	34.6%	37.7%	22.7%	36.9%	28.7%	38.0%
	2007	27.3%	33.1%	35.9%	20.2%	33.8%	33.2%	36.5%	22.6%	35.3%	25.4%	35.7%
	2008	27.5%	33.5%	36.9%	15.9%	37.7%	34.0%	38.1%	23.9%	35.1%	24.7%	34.8%
Private Institutions	2004	26.9%	20.6%	24.1%	30.8%	15.4%	15.8%	25.4%	25.3%	12.8%	29.5%	8.8%
	2005	26.4%	20.1%	24.3%	32.0%	16.7%	20.1%	26.4%	24.9%	11.1%	28.3%	7.3%
	2006	26.1%	19.6%	24.2%	32.5%	16.3%	17.1%	24.0%	24.2%	10.6%	28.2%	7.6%
	2007	28.2%	19.6%	23.9%	32.6%	17.0%	16.3%	25.4%	24.4%	14.7%	28.7%	6.3%
	2008	27.0%	20.0%	24.7%	38.6%	17.0%	16.6%	24.4%	25.0%	14.6%	30.5%	16.0%
All Institutions	2004	27.9%	27.8%	29.3%	26.4%	22.3%	21.9%	31.0%	24.8%	31.6%	29.7%	33.3%
	2005	26.7%	27.4%	31.3%	29.4%	21.9%	25.4%	31.6%	24.8%	28.9%	28.9%	30.1%
	2006	26.5%	26.6%	30.4%	29.4%	21.6%	24.6%	30.2%	23.8%	28.2%	28.4%	31.8%
	2007	28.1%	26.0%	29.2%	28.6%	21.9%	23.1%	30.3%	24.0%	28.2%	27.6%	29.0%
	2008	27.1%	26.4%	30.4%	30.9%	23.2%	23.7%	30.3%	24.7%	28.3%	28.6%	29.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 671: Number of Doctor's and First Professional Degrees in STEM Majors - Male Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	180	19,006	1,537	162	690	406	569	766	541	870	593
	2005	187	20,029	1,742	153	728	468	523	829	532	900	632
	2006	189	20,939	1,822	206	811	442	517	837	583	892	653
	2007	214	22,382	1,987	188	825	508	535	873	591	926	689
	2008	224	22,927	2,064	199	877	452	561	882	608	980	748
	# Change 04-08	44	3,921	527	37	187	46	-8	116	67	110	155
	% Change 04-08	24.4%	20.6%	34.3%	22.8%	27.1%	11.3%	-1.4%	15.1%	12.4%	12.6%	26.1%
Private Institutions	2004	1,353	13,382	1,738	209	943	142	131	2,060	267	1,227	132
	2005	1,406	13,595	1,759	165	944	131	146	2,111	268	1,320	161
	2006	1,492	13,730	1,784	168	925	158	157	2,008	225	1,306	155
	2007	1,668	14,400	1,779	188	951	166	185	2,080	285	1,311	216
	2008	1,588	15,269	1,799	181	1,062	153	149	2,336	291	1,483	237
	# Change 04-08	235	1,887	61	-28	119	11	18	276	24	256	105
	% Change 04-08	17.4%	14.1%	3.5%	-13.4%	12.6%	7.7%	13.7%	13.4%	9.0%	20.9%	79.5%
All Institutions	2004	1,533	32,388	3,275	371	1,633	548	700	2,826	808	2,097	725
	2005	1,593	33,624	3,501	318	1,672	599	669	2,940	800	2,220	793
	2006	1,681	34,669	3,606	374	1,736	600	674	2,845	808	2,198	808
	2007	1,882	36,782	3,766	376	1,776	674	720	2,953	876	2,237	905
	2008	1,812	38,196	3,863	380	1,939	605	710	3,218	899	2,463	985
	# Change 04-08	279	5,808	588	9	306	57	10	392	91	366	260
	% Change 04-08	18.2%	17.9%	18.0%	2.4%	18.7%	10.4%	1.4%	13.9%	11.3%	17.5%	35.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 672: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Male Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	72.0%	57.9%	57.5%	56.1%	59.6%	65.2%	60.3%	63.3%	64.3%	56.1%	46.4%
	2005	74.8%	58.4%	62.8%	47.4%	59.8%	61.7%	59.0%	65.8%	61.8%	55.1%	47.0%
	2006	74.1%	59.1%	62.1%	56.9%	62.0%	60.1%	59.0%	65.6%	63.4%	55.7%	48.6%
	2007	78.4%	61.0%	64.3%	53.0%	61.8%	63.7%	56.8%	66.1%	62.7%	58.1%	50.4%
	2008	78.9%	60.6%	63.7%	57.5%	63.5%	62.9%	58.4%	67.5%	63.5%	58.6%	51.0%
Private Institutions	2004	43.6%	37.4%	37.6%	37.0%	39.0%	21.6%	22.2%	42.1%	35.6%	57.0%	20.7%
	2005	43.6%	36.0%	35.1%	30.4%	37.3%	17.5%	20.9%	40.4%	35.4%	56.0%	22.9%
	2006	43.9%	35.5%	36.4%	32.3%	36.1%	18.2%	23.6%	38.7%	30.3%	54.1%	20.0%
	2007	46.4%	36.0%	35.6%	34.8%	35.1%	17.0%	27.3%	39.8%	34.3%	56.5%	24.1%
	2008	47.0%	38.6%	36.1%	35.9%	39.6%	15.6%	24.8%	43.1%	37.3%	61.6%	26.8%
All Institutions	2004	45.7%	47.2%	44.9%	43.4%	45.7%	42.8%	45.7%	46.3%	50.8%	56.6%	37.9%
	2005	45.9%	46.7%	45.0%	36.7%	44.6%	39.8%	42.2%	45.3%	49.4%	55.7%	38.7%
	2006	46.0%	46.8%	46.1%	42.4%	44.8%	37.4%	43.7%	44.0%	48.6%	54.7%	38.1%
	2007	48.7%	47.9%	46.5%	42.0%	43.9%	38.0%	44.4%	45.1%	49.4%	57.2%	40.0%
	2008	49.5%	49.3%	47.0%	44.7%	47.7%	35.6%	45.5%	47.9%	51.7%	60.4%	41.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 673: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Asian Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	189	11,898	4,084	46	735	256	365	534	205	133	195
	2005	176	12,596	4,437	50	809	251	373	545	214	146	218
	2006	169	13,010	4,577	35	854	279	474	605	184	168	221
	2007	194	14,051	5,012	46	959	325	427	601	188	167	238
	2008	175	16,048	6,304	53	822	297	417	621	193	227	276
	# Change 04-08	-14	4,150	2,220	7	87	41	52	87	-12	94	81
	% Change 04-08	-7.4%	34.9%	54.4%	15.2%	11.8%	16.0%	14.2%	16.3%	-5.9%	70.7%	41.5%
Private Institutions	2004	90	8,994	4,336	18	149	135	226	794	18	152	156
	2005	154	8,990	4,208	31	134	112	338	769	17	127	156
	2006	130	9,246	4,367	31	157	139	363	585	18	184	172
	2007	110	9,858	4,732	58	194	182	355	726	29	176	190
	2008	118	11,377	5,561	82	156	199	481	675	30	196	216
	# Change 04-08	28	2,383	1,225	64	7	64	255	-119	12	44	60
	% Change 04-08	31.1%	26.5%	28.3%	355.6%	4.7%	47.4%	112.8%	-15.0%	66.7%	28.9%	38.5%
All Institutions	2004	279	20,892	8,420	64	884	391	591	1,328	223	285	351
	2005	330	21,586	8,645	81	943	363	711	1,314	231	273	374
	2006	299	22,256	8,944	66	1,011	418	837	1,190	202	352	393
	2007	304	23,909	9,744	104	1,153	507	782	1,327	217	343	428
	2008	293	27,425	11,865	135	978	496	898	1,296	223	423	492
	# Change 04-08	14	6,533	3,445	71	94	105	307	-32	0	138	141
	% Change 04-08	5.0%	31.3%	40.9%	110.9%	10.6%	26.9%	51.9%	-2.4%	0.0%	48.4%	40.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 674: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Asian Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	41.8%	29.2%	24.3%	32.2%	27.4%	44.3%	39.9%	29.7%	44.1%	35.4%	28.5%
	2005	39.6%	29.8%	24.9%	39.4%	31.4%	42.1%	40.9%	25.7%	44.3%	33.0%	31.5%
	2006	37.6%	29.9%	25.1%	32.4%	36.4%	39.4%	44.7%	26.7%	36.7%	37.9%	31.3%
	2007	40.1%	30.4%	25.8%	31.1%	34.8%	41.2%	45.3%	28.1%	35.9%	34.2%	26.3%
	2008	37.5%	33.1%	30.8%	37.1%	30.3%	39.5%	42.0%	27.5%	36.0%	40.0%	31.5%
Private Institutions	2004	27.9%	44.4%	51.3%	24.7%	28.1%	45.9%	48.4%	39.1%	34.0%	33.6%	48.1%
	2005	42.7%	45.1%	48.7%	43.1%	23.7%	36.4%	58.9%	40.4%	22.1%	32.3%	51.0%
	2006	36.6%	43.4%	45.2%	33.3%	21.9%	36.3%	66.5%	28.3%	22.5%	38.2%	54.1%
	2007	33.3%	47.4%	51.7%	49.6%	30.5%	54.5%	65.1%	33.0%	35.4%	39.0%	60.5%
	2008	31.1%	49.6%	54.5%	49.7%	22.9%	46.8%	75.5%	29.7%	36.6%	39.0%	67.5%
All Institutions	2004	36.0%	34.2%	33.4%	29.6%	27.5%	44.8%	42.8%	34.7%	43.1%	34.4%	34.8%
	2005	41.0%	34.7%	32.7%	40.7%	30.0%	40.2%	47.8%	32.7%	41.3%	32.7%	37.5%
	2006	37.2%	34.4%	32.1%	32.8%	33.0%	38.3%	52.1%	27.5%	34.7%	38.1%	38.4%
	2007	37.3%	35.7%	34.0%	39.2%	34.0%	45.2%	52.6%	30.6%	35.9%	36.5%	35.1%
	2008	34.6%	38.4%	38.7%	43.8%	28.8%	42.1%	55.1%	28.6%	36.1%	39.5%	41.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 675: Number of Bachelor's Degrees in STEM Majors - Asian Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	171	22,260	8,240	110	1,011	219	976	1,366	522	416	521
	2005	205	23,411	8,936	134	994	244	1,022	1,377	433	401	782
	2006	219	24,381	9,280	147	976	245	974	1,267	405	469	751
	2007	239	25,462	9,644	196	1,044	289	1,121	1,246	476	503	806
	2008	268	26,511	9,985	158	981	303	1,099	1,359	505	469	904
	# Change 04-08	97	4,251	1,745	48	-30	84	123	-7	-17	53	383
	% Change 04-08	56.7%	19.1%	21.2%	43.6%	-3.0%	38.4%	12.6%	-0.5%	-3.3%	12.7%	73.5%
Private Institutions	2004	976	9,650	1,832	113	751	77	276	1,795	177	871	47
	2005	938	9,697	1,841	128	826	90	250	1,720	153	900	56
	2006	1,005	9,743	1,658	101	808	89	228	1,772	165	924	55
	2007	1,048	10,111	1,718	122	775	107	232	1,775	203	932	62
	2008	1,085	10,819	1,790	141	866	127	262	1,865	201	979	65
	# Change 04-08	109	1,169	-42	28	115	50	-14	70	24	108	18
	% Change 04-08	11.2%	12.1%	-2.3%	24.8%	15.3%	64.9%	-5.1%	3.9%	13.6%	12.4%	38.3%
All Institutions	2004	1,147	31,910	10,072	223	1,762	296	1,252	3,161	699	1,287	568
	2005	1,143	33,108	10,777	262	1,820	334	1,272	3,097	586	1,301	838
	2006	1,224	34,124	10,938	248	1,784	334	1,202	3,039	570	1,393	806
	2007	1,287	35,573	11,362	318	1,819	396	1,353	3,021	679	1,435	868
	2008	1,353	37,330	11,775	299	1,847	430	1,361	3,224	706	1,448	969
	# Change 04-08	206	5,420	1,703	76	85	134	109	63	7	161	401
	% Change 04-08	18.0%	17.0%	16.9%	34.1%	4.8%	45.3%	8.7%	2.0%	1.0%	12.5%	70.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 676: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Asian Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	28.5%	34.5%	32.3%	31.2%	42.1%	35.7%	43.6%	34.7%	52.1%	37.0%	35.2%
	2005	29.5%	34.1%	33.0%	36.7%	42.2%	36.3%	42.3%	30.9%	45.6%	31.7%	35.8%
	2006	30.5%	33.7%	32.8%	35.3%	40.2%	31.5%	41.3%	28.6%	41.7%	34.8%	33.5%
	2007	31.3%	34.2%	33.9%	41.7%	42.0%	33.2%	43.1%	27.8%	45.5%	35.2%	34.1%
	2008	36.1%	34.8%	33.4%	35.8%	39.9%	31.8%	43.1%	27.7%	45.0%	34.2%	37.1%
Private Institutions	2004	34.1%	34.6%	35.5%	26.2%	37.3%	21.8%	50.8%	36.2%	41.5%	36.9%	28.8%
	2005	32.5%	33.9%	34.0%	28.2%	37.9%	23.3%	44.7%	35.3%	43.1%	37.6%	29.5%
	2006	32.8%	32.6%	30.5%	21.1%	36.6%	22.9%	39.0%	34.3%	38.0%	37.7%	25.3%
	2007	34.4%	32.8%	30.7%	25.4%	33.4%	24.8%	43.4%	33.1%	42.4%	39.2%	28.4%
	2008	34.6%	33.3%	31.7%	27.5%	35.8%	23.7%	46.2%	34.4%	40.3%	37.5%	25.7%
All Institutions	2004	33.1%	34.6%	32.8%	28.4%	39.9%	30.6%	45.0%	35.5%	48.9%	36.9%	34.6%
	2005	31.9%	34.0%	33.2%	32.0%	40.2%	31.5%	42.8%	33.2%	44.9%	35.6%	35.3%
	2006	32.4%	33.4%	32.4%	27.7%	38.5%	28.6%	40.8%	31.6%	40.6%	36.7%	32.8%
	2007	33.8%	33.8%	33.3%	33.5%	37.9%	30.4%	43.2%	30.7%	44.5%	37.7%	33.7%
	2008	34.8%	34.4%	33.1%	31.4%	37.9%	28.9%	43.6%	31.2%	43.5%	36.4%	36.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 677: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Asian Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	52	5,564	1,490	20	238	58	260	266	156	135	102
	2005	68	5,831	1,666	26	244	65	281	248	164	116	224
	2006	62	5,881	1,770	25	221	86	256	205	132	124	249
	2007	75	6,278	1,816	28	272	86	265	240	137	88	366
	2008	59	6,212	1,928	40	250	103	277	246	119	97	239
	# Change 04-08	7	648	438	20	12	45	17	-20	-37	-38	137
	% Change 04-08	13.5%	11.6%	29.4%	100.0%	5.0%	77.6%	6.5%	-7.5%	-23.7%	-28.1%	134.3%
Private Institutions	2004	515	5,065	1,174	124	351	53	113	984	76	337	9
	2005	496	5,187	1,231	127	363	77	164	912	71	383	15
	2006	521	5,214	1,253	118	334	45	119	993	68	369	20
	2007	551	5,393	1,249	138	347	63	105	983	81	457	20
	2008	533	5,696	1,253	135	369	82	99	1,006	112	480	219
	# Change 04-08	18	631	79	11	18	29	-14	22	36	143	210
	% Change 04-08	3.5%	12.5%	6.7%	8.9%	5.1%	54.7%	-12.4%	2.2%	47.4%	42.4%	2,333.3%
All Institutions	2004	567	10,629	2,664	144	589	111	373	1,250	232	472	111
	2005	564	11,018	2,897	153	607	142	445	1,160	235	499	239
	2006	583	11,095	3,023	143	555	131	375	1,198	200	493	269
	2007	626	11,671	3,065	166	619	149	370	1,223	218	545	386
	2008	592	11,908	3,181	175	619	185	376	1,252	231	577	458
	# Change 04-08	25	1,279	517	31	30	74	3	2	-1	105	347
	% Change 04-08	4.4%	12.0%	19.4%	21.5%	5.1%	66.7%	0.8%	0.2%	-0.4%	22.2%	312.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 678: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Asian Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	40.3%	41.2%	42.8%	30.3%	47.7%	42.3%	51.2%	31.3%	54.2%	39.6%	43.6%
	2005	40.0%	39.6%	42.2%	29.2%	44.3%	46.8%	51.0%	28.5%	52.1%	34.7%	43.5%
	2006	35.8%	38.6%	41.4%	25.0%	42.0%	45.5%	48.5%	23.7%	48.9%	36.5%	46.5%
	2007	38.5%	38.7%	41.9%	35.0%	45.0%	43.0%	45.2%	26.0%	48.2%	29.5%	49.1%
	2008	27.8%	37.9%	41.5%	35.1%	44.1%	41.9%	47.0%	24.6%	49.6%	33.3%	43.3%
Private Institutions	2004	41.0%	32.1%	30.7%	41.6%	23.7%	32.7%	33.6%	34.6%	38.2%	39.0%	10.5%
	2005	37.7%	31.2%	31.2%	43.3%	22.6%	39.3%	44.7%	32.6%	34.5%	38.4%	15.2%
	2006	37.8%	30.2%	31.9%	43.2%	21.2%	23.6%	31.8%	30.7%	23.8%	39.5%	20.2%
	2007	38.3%	30.0%	30.8%	47.3%	20.1%	28.4%	31.9%	31.0%	24.2%	45.2%	20.0%
	2008	36.1%	30.0%	31.1%	46.2%	19.6%	28.4%	24.6%	32.5%	30.7%	43.5%	65.4%
All Institutions	2004	40.9%	36.3%	36.5%	39.6%	29.7%	37.1%	44.2%	33.9%	47.6%	39.1%	34.7%
	2005	38.0%	35.1%	36.7%	40.1%	28.1%	42.4%	48.5%	31.6%	45.1%	37.5%	38.9%
	2006	37.6%	34.2%	36.9%	38.3%	26.5%	34.5%	41.6%	29.3%	36.0%	38.7%	42.4%
	2007	38.3%	34.1%	36.5%	44.6%	26.6%	35.3%	40.4%	29.8%	35.2%	41.7%	45.6%
	2008	35.1%	33.6%	36.7%	43.1%	25.2%	34.6%	37.9%	30.6%	38.2%	41.4%	51.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 679: Number of Doctor's and First Professional Degrees in STEM Majors - Asian Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	32	3,887	556	23	218	47	260	248	70	217	119
	2005	18	4,065	597	27	233	51	255	253	68	194	124
	2006	22	4,115	610	28	234	64	256	286	75	223	86
	2007	29	4,469	620	39	385	56	266	260	76	224	100
	2008	18	4,544	697	21	266	61	324	291	67	237	143
	# Change 04-08	-14	657	141	-2	48	14	64	43	-3	20	24
	% Change 04-08	-43.8%	16.9%	25.4%	-8.7%	22.0%	29.8%	24.6%	17.3%	-4.3%	9.2%	20.2%
Private Institutions	2004	579	4,155	908	34	337	10	11	803	83	404	32
	2005	518	4,328	975	26	370	5	11	870	100	385	28
	2006	482	4,295	971	35	398	10	22	824	78	394	29
	2007	604	4,622	992	29	388	13	16	897	90	444	45
	2008	571	4,731	987	31	412	12	16	939	88	469	40
	# Change 04-08	-8	576	79	-3	75	2	5	136	5	65	8
	% Change 04-08	-1.4%	13.9%	8.7%	-8.8%	22.3%	20.0%	45.5%	16.9%	6.0%	16.1%	25.0%
All Institutions	2004	611	8,042	1,464	57	555	57	271	1,051	153	621	151
	2005	536	8,393	1,572	53	603	56	266	1,123	168	579	152
	2006	504	8,410	1,581	63	632	74	278	1,110	153	617	115
	2007	633	9,091	1,612	68	773	69	282	1,157	166	668	145
	2008	589	9,275	1,684	52	678	73	340	1,230	155	706	183
	# Change 04-08	-22	1,233	220	-5	123	16	69	179	2	85	32
	% Change 04-08	-3.6%	15.3%	15.0%	-8.8%	22.2%	28.1%	25.5%	17.0%	1.3%	13.7%	21.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 680: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Asian Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	74.4%	74.5%	60.1%	74.2%	84.5%	60.3%	85.8%	84.6%	72.2%	75.3%	77.3%
	2005	75.0%	74.1%	64.3%	64.3%	82.3%	58.6%	85.0%	83.2%	76.4%	77.3%	63.6%
	2006	88.0%	71.8%	64.3%	57.1%	78.0%	68.1%	81.5%	87.2%	72.1%	71.7%	52.4%
	2007	82.9%	71.6%	61.6%	81.3%	77.5%	56.6%	81.8%	79.3%	76.8%	74.4%	58.5%
	2008	69.2%	72.2%	64.9%	65.6%	80.4%	64.2%	82.9%	80.2%	72.0%	75.2%	64.4%
Private Institutions	2004	71.6%	61.6%	54.3%	54.0%	66.6%	18.2%	19.3%	66.5%	70.3%	84.9%	71.1%
	2005	68.5%	59.2%	54.3%	39.4%	63.5%	9.6%	15.9%	64.2%	70.9%	76.4%	50.9%
	2006	64.0%	58.0%	54.8%	46.7%	64.1%	16.7%	28.6%	62.2%	61.9%	78.8%	43.9%
	2007	66.4%	57.3%	52.3%	37.7%	62.0%	17.8%	20.5%	61.1%	58.1%	81.9%	48.4%
	2008	68.4%	58.9%	52.3%	36.9%	66.0%	14.0%	22.9%	64.4%	65.2%	83.3%	51.3%
All Institutions	2004	71.7%	67.2%	56.4%	60.6%	72.6%	42.9%	75.3%	70.0%	71.2%	81.3%	75.9%
	2005	68.7%	65.6%	57.7%	49.1%	69.6%	40.3%	72.1%	67.7%	73.0%	76.7%	60.8%
	2006	64.8%	64.0%	58.1%	50.8%	68.6%	48.1%	71.1%	67.2%	66.5%	76.1%	50.0%
	2007	67.1%	63.6%	55.5%	54.4%	68.8%	40.1%	70.0%	64.5%	65.4%	79.2%	54.9%
	2008	68.4%	64.8%	56.9%	44.8%	71.0%	40.3%	73.8%	67.5%	68.0%	80.4%	61.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 681: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Black Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	580	35,550	1,544	152	2,165	584	515	1,817	2,486	594	1,421
	2005	569	37,789	1,557	133	2,497	554	531	1,979	2,453	593	1,393
	2006	585	37,554	1,675	163	2,429	658	567	1,977	2,544	513	1,332
	2007	651	38,561	1,593	151	2,538	744	620	2,101	2,419	605	1,381
	2008	544	40,584	2,294	163	2,364	624	654	2,138	2,325	603	1,609
	# Change 04-08	-36	5,034	750	11	199	40	139	321	-161	9	188
	% Change 04-08	-6.2%	14.2%	48.6%	7.2%	9.2%	6.8%	27.0%	17.7%	-6.5%	1.5%	13.2%
Private Institutions	2004	428	49,328	4,509	622	1,838	198	2,002	3,772	317	2,038	3,081
	2005	620	51,871	4,414	655	2,278	200	2,243	3,774	293	2,462	3,166
	2006	568	55,220	4,529	641	2,373	200	2,024	3,557	303	2,744	3,411
	2007	474	58,482	4,183	648	2,656	257	2,095	4,034	388	2,980	3,180
	2008	511	61,468	4,751	660	2,663	307	1,887	3,661	460	2,546	3,390
	# Change 04-08	83	12,140	242	38	825	109	-115	-111	143	508	309
	% Change 04-08	19.4%	24.6%	5.4%	6.1%	44.9%	55.1%	-5.7%	-2.9%	45.1%	24.9%	10.0%
All Institutions	2004	1,008	84,878	6,053	774	4,003	782	2,517	5,589	2,803	2,632	4,502
	2005	1,189	89,660	5,971	788	4,775	754	2,774	5,753	2,746	3,055	4,559
	2006	1,153	92,774	6,204	804	4,802	858	2,591	5,534	2,847	3,257	4,743
	2007	1,125	97,043	5,776	799	5,194	1,001	2,715	6,135	2,807	3,585	4,561
	2008	1,055	102,052	7,045	823	5,027	931	2,541	5,799	2,785	3,149	4,999
	# Change 04-08	47	17,174	992	49	1,024	149	24	210	-18	517	497
	% Change 04-08	4.7%	20.2%	16.4%	6.3%	25.6%	19.1%	1.0%	3.8%	-0.6%	19.6%	11.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 682: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Black Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	55.3%	32.5%	18.2%	28.8%	30.2%	57.0%	29.8%	32.4%	34.1%	33.4%	46.1%
	2005	53.9%	32.4%	17.2%	25.0%	33.5%	57.9%	29.9%	32.7%	32.0%	33.1%	45.8%
	2006	54.9%	31.8%	18.2%	26.9%	34.2%	58.3%	29.5%	32.6%	33.7%	28.1%	43.5%
	2007	56.9%	31.5%	17.9%	25.9%	32.9%	55.2%	31.7%	32.5%	31.9%	28.8%	45.8%
	2008	50.5%	32.1%	23.0%	27.9%	31.7%	52.0%	31.5%	33.7%	29.3%	27.4%	51.2%
Private Institutions	2004	46.4%	60.0%	71.8%	53.5%	44.5%	55.3%	58.2%	44.7%	30.0%	43.2%	77.2%
	2005	55.2%	59.8%	70.8%	51.5%	42.2%	49.9%	58.4%	44.3%	27.5%	45.9%	74.7%
	2006	57.4%	60.0%	70.5%	47.0%	42.6%	44.2%	60.0%	44.9%	25.0%	45.4%	78.8%
	2007	51.6%	60.8%	69.6%	47.8%	46.7%	57.9%	67.8%	47.0%	29.9%	48.0%	74.5%
	2008	49.1%	60.1%	71.2%	49.3%	46.6%	57.4%	60.8%	48.0%	33.2%	43.0%	73.7%
All Institutions	2004	51.1%	44.3%	41.0%	45.8%	35.5%	56.6%	48.7%	39.8%	33.6%	40.5%	63.6%
	2005	54.5%	44.1%	39.1%	43.7%	37.2%	55.5%	49.4%	39.5%	31.4%	42.7%	62.6%
	2006	56.1%	44.1%	39.7%	40.8%	37.9%	54.3%	49.0%	39.5%	32.5%	41.4%	64.2%
	2007	54.6%	44.4%	38.8%	41.2%	38.7%	55.9%	53.8%	40.8%	31.6%	43.1%	62.6%
	2008	49.8%	44.6%	42.4%	42.8%	38.1%	53.7%	49.1%	41.5%	29.9%	38.8%	64.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 683: Number of Bachelor's Degrees in STEM Majors - Black Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	129	17,370	641	83	628	81	470	1,148	1,384	441	773
	2005	149	17,487	636	64	608	82	495	1,273	1,420	444	787
	2006	154	17,802	693	75	578	105	517	1,217	1,355	449	746
	2007	178	18,175	719	99	646	127	542	1,230	1,388	459	812
	2008	197	18,943	779	102	621	121	546	1,367	1,385	412	766
	# Change 04-08	68	1,573	138	19	-7	40	76	219	1	-29	-7
	% Change 04-08	52.7%	9.1%	21.5%	22.9%	-1.1%	49.4%	16.2%	19.1%	0.1%	-6.6%	-0.9%
Private Institutions	2004	301	9,688	429	93	537	51	163	1,190	396	490	328
	2005	315	9,859	375	110	754	48	218	1,189	380	538	334
	2006	330	10,325	383	96	729	55	174	1,335	347	680	376
	2007	357	10,595	374	120	792	59	175	1,413	315	631	370
	2008	408	10,746	426	108	662	79	175	1,383	306	688	432
	# Change 04-08	107	1,058	-3	15	125	28	12	193	-90	198	104
	% Change 04-08	35.5%	10.9%	-0.7%	16.1%	23.3%	54.9%	7.4%	16.2%	-22.7%	40.4%	31.7%
All Institutions	2004	430	27,058	1,070	176	1,165	132	633	2,338	1,780	931	1,101
	2005	464	27,346	1,011	174	1,362	130	713	2,462	1,800	982	1,121
	2006	484	28,127	1,076	171	1,307	160	691	2,552	1,702	1,129	1,122
	2007	535	28,770	1,093	219	1,438	186	717	2,643	1,703	1,090	1,182
	2008	605	29,689	1,205	210	1,283	200	721	2,750	1,691	1,100	1,198
	# Change 04-08	175	2,631	135	34	118	68	88	412	-89	169	97
	% Change 04-08	40.7%	9.7%	12.6%	19.3%	10.1%	51.5%	13.9%	17.6%	-5.0%	18.2%	8.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 684: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Black Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.1%	22.0%	15.0%	16.3%	19.4%	21.7%	21.5%	20.2%	26.6%	16.5%	21.1%
	2005	23.0%	21.6%	14.7%	11.7%	19.3%	25.5%	21.5%	20.7%	26.6%	16.2%	21.2%
	2006	21.5%	21.4%	14.8%	13.1%	18.8%	24.9%	20.7%	19.9%	25.1%	15.3%	20.0%
	2007	25.0%	21.3%	14.9%	15.6%	19.6%	25.1%	21.7%	20.0%	24.1%	15.9%	21.4%
	2008	26.2%	21.6%	15.6%	16.6%	19.2%	22.8%	21.4%	21.5%	23.5%	14.5%	20.3%
Private Institutions	2004	16.1%	20.2%	19.2%	14.7%	19.5%	21.7%	21.8%	20.8%	15.9%	22.1%	19.4%
	2005	16.1%	19.4%	15.0%	17.8%	21.4%	17.8%	25.2%	20.1%	15.2%	23.2%	17.9%
	2006	16.8%	19.1%	15.7%	14.0%	19.0%	18.8%	19.5%	22.2%	13.3%	25.5%	18.4%
	2007	17.6%	18.9%	14.7%	16.8%	19.1%	18.3%	20.4%	22.5%	11.7%	24.9%	17.5%
	2008	18.5%	18.3%	15.8%	16.4%	16.8%	20.1%	19.0%	22.1%	10.7%	24.4%	19.1%
All Institutions	2004	17.1%	21.3%	16.4%	15.4%	19.4%	21.7%	21.6%	20.5%	23.1%	19.0%	20.6%
	2005	17.8%	20.7%	14.8%	14.9%	20.4%	22.0%	22.5%	20.4%	22.9%	19.4%	20.1%
	2006	18.0%	20.5%	15.1%	13.6%	18.9%	22.4%	20.4%	21.0%	21.3%	20.2%	19.4%
	2007	19.5%	20.3%	14.8%	16.2%	19.3%	22.5%	21.4%	21.3%	20.1%	20.1%	20.0%
	2008	20.5%	20.3%	15.7%	16.5%	17.9%	21.6%	20.8%	21.8%	19.3%	19.5%	19.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 685: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Black Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	24	3,936	185	7	135	19	125	266	269	86	225
	2005	25	4,092	236	21	153	23	121	259	293	91	150
	2006	19	4,356	227	25	170	27	166	247	326	91	161
	2007	28	4,632	223	21	270	30	183	250	380	78	159
	2008	29	4,962	270	31	253	54	185	310	385	89	155
	# Change 04-08	5	1,026	85	24	118	35	60	44	116	3	-70
	% Change 04-08	20.8%	26.1%	45.9%	342.9%	87.4%	184.2%	48.0%	16.5%	43.1%	3.5%	-31.1%
Private Institutions	2004	139	2,981	207	47	142	34	61	498	55	196	76
	2005	143	3,267	182	63	355	50	44	519	42	246	60
	2006	136	3,707	194	76	299	62	60	567	79	253	67
	2007	145	4,100	220	69	320	121	44	647	99	288	89
	2008	166	4,479	300	67	315	182	34	611	90	330	92
	# Change 04-08	27	1,498	93	20	173	148	-27	113	35	134	16
	% Change 04-08	19.4%	50.3%	44.9%	42.6%	121.8%	435.3%	-44.3%	22.7%	63.6%	68.4%	21.1%
All Institutions	2004	163	6,917	392	54	277	53	186	764	324	282	301
	2005	168	7,359	418	84	508	73	165	778	335	337	210
	2006	155	8,063	421	101	469	89	226	814	405	344	228
	2007	173	8,732	443	90	590	151	227	897	479	366	248
	2008	195	9,441	570	98	568	236	219	921	475	419	247
	# Change 04-08	32	2,524	178	44	291	183	33	157	151	137	-54
	% Change 04-08	19.6%	36.5%	45.4%	81.5%	105.1%	345.3%	17.7%	20.5%	46.6%	48.6%	-17.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 686: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Black Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	22.6%	16.4%	17.3%	4.0%	14.3%	21.3%	20.9%	15.1%	27.8%	10.7%	21.9%
	2005	19.8%	16.2%	19.8%	13.3%	14.8%	24.5%	20.8%	15.2%	26.3%	14.1%	14.3%
	2006	13.9%	16.7%	19.0%	11.6%	16.8%	23.1%	23.7%	13.4%	27.7%	13.5%	14.7%
	2007	15.4%	17.5%	18.6%	11.4%	23.9%	25.0%	26.1%	14.0%	29.9%	11.5%	14.2%
	2008	16.2%	18.4%	22.1%	11.6%	23.5%	33.5%	27.2%	17.7%	27.1%	12.6%	14.2%
Private Institutions	2004	10.0%	12.4%	10.0%	17.7%	7.9%	9.7%	18.8%	14.7%	16.2%	19.1%	16.2%
	2005	9.8%	11.9%	8.7%	19.1%	12.5%	10.2%	14.1%	15.8%	11.9%	21.4%	11.8%
	2006	8.4%	12.1%	9.4%	22.1%	10.0%	9.3%	17.0%	16.0%	16.4%	20.8%	13.2%
	2007	9.2%	12.3%	10.8%	21.4%	10.5%	13.6%	12.7%	17.0%	18.6%	20.4%	13.7%
	2008	10.1%	12.8%	14.4%	22.0%	10.5%	16.1%	8.6%	16.6%	15.9%	22.9%	11.6%
All Institutions	2004	10.9%	14.4%	12.5%	12.3%	10.1%	12.1%	20.2%	14.8%	24.8%	15.5%	20.1%
	2005	10.6%	13.9%	12.7%	17.2%	13.1%	12.5%	18.4%	15.6%	22.9%	18.8%	13.5%
	2006	8.8%	14.2%	12.9%	18.0%	11.7%	11.3%	21.5%	15.1%	24.4%	18.2%	14.3%
	2007	9.9%	14.6%	13.7%	17.7%	14.1%	15.0%	21.7%	16.0%	26.6%	17.5%	14.0%
	2008	10.7%	15.3%	17.2%	17.2%	13.9%	18.3%	20.4%	17.0%	23.9%	19.5%	13.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 687: Number of Doctor's and First Professional Degrees in STEM Majors - Black Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4	1,393	45	13	40	8	53	62	68	118	53
	2005	7	1,526	48	12	40	14	70	72	77	108	67
	2006	3	1,631	49	18	61	13	88	80	71	139	52
	2007	8	1,602	68	19	62	13	64	74	77	98	48
	2008	4	1,729	66	15	56	12	75	70	88	83	62
	# Change 04-08	0	336	21	2	16	4	22	8	20	-35	9
	% Change 04-08	0.0%	24.1%	46.7%	15.4%	40.0%	50.0%	41.5%	12.9%	29.4%	-29.7%	17.0%
Private Institutions	2004	87	1,325	77	19	48	10	1	175	32	91	66
	2005	88	1,403	76	18	60	14	4	170	26	101	57
	2006	98	1,448	65	18	62	10	4	195	31	88	59
	2007	116	1,536	83	9	64	15	3	213	36	94	80
	2008	130	1,598	77	13	95	16	4	188	52	129	62
	# Change 04-08	43	273	0	-6	47	6	3	13	20	38	-4
	% Change 04-08	49.4%	20.6%	0.0%	-31.6%	97.9%	60.0%	300.0%	7.4%	62.5%	41.8%	-6.1%
All Institutions	2004	91	2,718	122	32	88	18	54	237	100	209	119
	2005	95	2,929	124	30	100	28	74	242	103	209	124
	2006	101	3,079	114	36	123	23	92	275	102	227	111
	2007	124	3,138	151	28	126	28	67	287	113	192	128
	2008	134	3,327	143	28	151	28	79	258	140	212	124
	# Change 04-08	43	609	21	-4	63	10	25	21	40	3	5
	% Change 04-08	47.3%	22.4%	17.2%	-12.5%	71.6%	55.6%	46.3%	8.9%	40.0%	1.4%	4.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 688: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Black Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	19.0%	39.9%	33.8%	65.0%	33.6%	33.3%	44.2%	43.7%	37.2%	55.7%	34.4%
	2005	31.8%	42.3%	36.4%	46.2%	33.6%	66.7%	56.0%	53.3%	37.0%	52.2%	42.4%
	2006	21.4%	44.3%	35.5%	50.0%	48.4%	50.0%	68.2%	57.1%	37.6%	62.6%	35.1%
	2007	38.1%	40.1%	48.6%	61.3%	51.7%	38.2%	48.5%	56.9%	36.7%	47.1%	29.1%
	2008	30.8%	42.9%	43.4%	37.5%	47.5%	37.5%	45.2%	53.8%	39.6%	47.4%	37.8%
Private Institutions	2004	33.9%	27.2%	20.2%	27.5%	20.3%	11.4%	1.5%	30.8%	25.8%	47.9%	28.3%
	2005	29.5%	26.4%	18.7%	35.3%	21.5%	13.5%	4.3%	32.1%	20.6%	38.1%	21.5%
	2006	35.3%	28.3%	17.6%	30.5%	23.5%	7.7%	5.7%	34.3%	23.0%	37.6%	23.3%
	2007	37.9%	27.6%	19.3%	16.4%	21.1%	7.1%	2.9%	35.3%	22.0%	43.7%	29.6%
	2008	43.2%	29.7%	19.5%	23.2%	31.4%	7.3%	4.8%	34.7%	38.2%	51.0%	28.2%
All Institutions	2004	32.7%	32.5%	23.7%	36.0%	24.7%	16.1%	28.7%	33.3%	32.6%	52.0%	30.7%
	2005	29.7%	32.9%	23.0%	39.0%	25.1%	22.4%	33.8%	36.4%	30.8%	44.3%	29.3%
	2006	34.6%	35.0%	22.5%	37.9%	31.5%	14.7%	46.2%	38.8%	31.5%	49.8%	27.7%
	2007	37.9%	32.9%	26.5%	32.6%	29.8%	11.4%	28.6%	39.2%	30.2%	45.4%	29.4%
	2008	42.7%	35.4%	26.1%	29.2%	35.9%	11.2%	31.6%	38.4%	39.1%	49.5%	32.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 689: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	259	23,278	4,974	94	1,151	120	321	822	176	117	172
	2005	266	25,022	5,539	99	1,247	131	329	863	190	136	157
	2006	233	24,791	5,620	92	1,290	176	409	861	195	135	169
	2007	264	26,865	6,004	114	1,416	153	418	948	231	165	174
	2008	284	27,836	5,902	118	1,430	128	435	987	254	201	228
	# Change 04-08	25	4,558	928	24	279	8	114	165	78	84	56
	% Change 04-08	9.7%	19.6%	18.7%	25.5%	24.2%	6.7%	35.5%	20.1%	44.3%	71.8%	32.6%
Private Institutions	2004	437	54,873	15,195	387	905	39	1,221	2,410	12	409	222
	2005	655	56,807	15,744	464	1,028	28	1,420	2,612	24	505	257
	2006	664	58,752	15,522	420	1,227	35	1,609	2,171	14	550	282
	2007	520	60,689	14,906	458	1,305	54	1,757	2,717	29	572	266
	2008	524	65,999	17,699	474	1,238	47	1,817	2,515	44	588	355
	# Change 04-08	87	11,126	2,504	87	333	8	596	105	32	179	133
	% Change 04-08	19.9%	20.3%	16.5%	22.5%	36.8%	20.5%	48.8%	4.4%	266.7%	43.8%	59.9%
All Institutions	2004	696	78,151	20,169	481	2,056	159	1,542	3,232	188	526	394
	2005	921	81,829	21,283	563	2,275	159	1,749	3,475	214	641	414
	2006	897	83,543	21,142	512	2,517	211	2,018	3,032	209	685	451
	2007	784	87,554	20,910	572	2,721	207	2,175	3,665	260	737	440
	2008	808	93,835	23,601	592	2,668	175	2,252	3,502	298	789	583
	# Change 04-08	112	15,684	3,432	111	612	16	710	270	110	263	189
	% Change 04-08	16.1%	20.1%	17.0%	23.1%	29.8%	10.1%	46.0%	8.4%	58.5%	50.0%	48.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 690: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	37.4%	26.3%	17.1%	23.3%	29.8%	39.2%	23.8%	20.9%	27.7%	27.9%	34.9%
	2005	38.2%	26.2%	17.6%	25.1%	29.6%	43.7%	22.5%	20.4%	28.4%	32.1%	29.7%
	2006	32.7%	24.9%	17.2%	20.3%	30.3%	45.7%	25.2%	20.4%	26.1%	29.7%	31.8%
	2007	37.0%	25.3%	16.9%	25.5%	31.1%	41.0%	23.4%	21.1%	29.0%	29.6%	29.0%
	2008	34.6%	25.4%	17.0%	22.6%	31.6%	36.3%	23.2%	22.0%	28.1%	31.2%	31.5%
Private Institutions	2004	51.7%	54.5%	63.3%	43.4%	26.8%	34.5%	46.4%	37.2%	9.8%	36.9%	64.5%
	2005	59.9%	54.6%	61.3%	43.8%	25.6%	31.1%	49.8%	39.3%	15.4%	40.3%	67.1%
	2006	59.6%	54.5%	59.4%	42.1%	31.7%	30.4%	56.5%	36.2%	11.1%	38.8%	72.7%
	2007	47.7%	54.2%	58.2%	43.2%	35.1%	42.5%	58.5%	41.8%	19.0%	41.6%	69.1%
	2008	45.8%	55.1%	61.1%	41.4%	33.4%	32.2%	55.9%	41.3%	27.0%	36.8%	73.3%
All Institutions	2004	45.3%	41.3%	38.0%	37.1%	28.4%	37.9%	38.7%	31.0%	24.8%	34.4%	47.1%
	2005	51.4%	41.0%	37.3%	38.7%	27.6%	40.8%	40.6%	32.0%	25.9%	38.2%	45.4%
	2006	49.1%	40.3%	36.0%	35.3%	31.0%	42.2%	45.1%	29.7%	24.0%	36.6%	49.1%
	2007	43.5%	40.1%	34.2%	37.9%	32.9%	41.4%	45.5%	33.3%	27.4%	38.1%	44.7%
	2008	41.1%	40.9%	37.1%	35.6%	32.4%	35.1%	44.0%	33.1%	27.9%	35.2%	48.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 691: Number of Bachelor's Degrees in STEM Majors - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	75	14,604	2,621	67	364	44	426	671	109	133	211
	2005	84	15,337	2,852	72	355	42	437	709	135	146	195
	2006	90	16,245	2,996	94	359	46	435	673	155	163	204
	2007	105	16,956	3,078	75	386	46	489	625	194	166	229
	2008	112	18,352	3,433	77	390	52	496	680	172	176	239
	# Change 04-08	37	3,748	812	10	26	8	70	9	63	43	28
	% Change 04-08	49.3%	25.7%	31.0%	14.9%	7.1%	18.2%	16.4%	1.3%	57.8%	32.3%	13.3%
Private Institutions	2004	331	7,879	1,163	81	503	23	147	871	41	222	26
	2005	304	7,922	1,109	83	520	31	181	896	56	210	31
	2006	337	8,153	1,005	72	483	35	137	921	58	236	37
	2007	351	8,590	952	85	537	30	147	989	60	283	45
	2008	429	9,326	1,217	92	524	42	169	1,006	68	324	52
	# Change 04-08	98	1,447	54	11	21	19	22	135	27	102	26
	% Change 04-08	29.6%	18.4%	4.6%	13.6%	4.2%	82.6%	15.0%	15.5%	65.9%	45.9%	100.0%
All Institutions	2004	406	22,483	3,784	148	867	67	573	1,542	150	355	237
	2005	388	23,259	3,961	155	875	73	618	1,605	191	356	226
	2006	427	24,398	4,001	166	842	81	572	1,594	213	399	241
	2007	456	25,546	4,030	160	923	76	636	1,614	254	449	274
	2008	541	27,678	4,650	169	914	94	665	1,686	240	500	291
	# Change 04-08	135	5,195	866	21	47	27	92	144	90	145	54
	% Change 04-08	33.3%	23.1%	22.9%	14.2%	5.4%	40.3%	16.1%	9.3%	60.0%	40.8%	22.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 692: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	17.5%	20.4%	14.5%	15.9%	20.6%	21.5%	19.8%	16.7%	25.5%	19.7%	29.2%
	2005	18.9%	20.3%	14.7%	17.5%	19.1%	19.1%	19.6%	15.7%	26.4%	19.5%	23.4%
	2006	18.0%	20.4%	14.7%	19.0%	19.0%	19.9%	18.0%	14.6%	26.6%	19.9%	21.3%
	2007	20.8%	20.2%	14.6%	14.8%	19.2%	19.3%	19.8%	13.1%	29.6%	19.8%	22.4%
	2008	20.2%	20.6%	15.1%	13.9%	17.3%	16.8%	19.0%	13.8%	24.6%	19.1%	20.6%
Private Institutions	2004	19.4%	20.0%	21.3%	19.3%	23.6%	12.5%	21.1%	16.8%	13.8%	22.5%	13.6%
	2005	17.6%	19.2%	18.9%	16.9%	21.0%	17.1%	22.9%	16.6%	16.1%	20.3%	16.4%
	2006	18.4%	18.8%	15.9%	13.8%	18.0%	19.6%	18.0%	18.0%	15.5%	20.3%	16.6%
	2007	18.6%	18.6%	14.5%	15.3%	17.7%	15.1%	18.1%	18.0%	15.4%	23.3%	16.4%
	2008	20.2%	19.3%	16.9%	15.9%	17.1%	18.7%	17.2%	18.7%	18.2%	23.8%	16.3%
All Institutions	2004	19.0%	20.3%	16.0%	17.6%	22.3%	17.2%	20.1%	16.8%	20.7%	21.4%	25.9%
	2005	17.9%	19.9%	15.7%	17.2%	20.2%	18.2%	20.5%	16.2%	22.2%	20.0%	22.1%
	2006	18.3%	19.8%	15.0%	16.3%	18.4%	19.8%	18.0%	16.4%	22.3%	20.1%	20.4%
	2007	19.0%	19.6%	14.5%	15.1%	18.3%	17.4%	19.4%	15.7%	24.3%	21.9%	21.1%
	2008	20.2%	20.2%	15.6%	14.9%	17.2%	17.6%	18.5%	16.4%	22.4%	21.9%	19.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 693: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21	3,411	463	15	57	10	72	112	43	29	225
	2005	14	3,594	561	20	80	20	97	125	30	26	42
	2006	22	3,760	574	18	84	22	80	113	41	36	49
	2007	21	3,848	592	29	79	18	93	116	37	42	57
	2008	27	4,075	654	14	110	24	114	126	50	33	67
	# Change 04-08	6	664	191	-1	53	14	42	14	7	4	-158
	% Change 04-08	28.6%	19.5%	41.3%	-6.7%	93.0%	140.0%	58.3%	12.5%	16.3%	13.8%	-70.2%
Private Institutions	2004	135	2,237	364	46	89	13	52	390	12	84	5
	2005	155	2,289	363	49	123	30	39	410	11	80	9
	2006	163	2,564	396	49	129	13	44	377	7	94	6
	2007	161	2,810	407	56	125	31	54	417	19	106	12
	2008	140	3,030	494	63	129	47	52	445	15	121	9
	# Change 04-08	5	793	130	17	40	34	0	55	3	37	4
	% Change 04-08	3.7%	35.4%	35.7%	37.0%	44.9%	261.5%	0.0%	14.1%	25.0%	44.0%	80.0%
All Institutions	2004	156	5,648	827	61	146	23	124	502	55	113	230
	2005	169	5,883	924	69	203	50	136	535	41	106	51
	2006	185	6,324	970	67	213	35	124	490	48	130	55
	2007	182	6,658	999	85	204	49	147	533	56	148	69
	2008	167	7,105	1,148	77	239	71	166	571	65	154	76
	# Change 04-08	11	1,457	321	16	93	48	42	69	10	41	-154
	% Change 04-08	7.1%	25.8%	38.8%	26.2%	63.7%	208.7%	33.9%	13.7%	18.2%	36.3%	-67.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 694: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	12.0%	22.9%	16.8%	13.8%	14.0%	21.3%	19.1%	11.5%	36.4%	20.3%	54.5%
	2005	8.0%	22.9%	19.0%	16.0%	16.8%	32.8%	22.9%	12.3%	27.0%	18.2%	20.8%
	2006	10.0%	22.7%	17.5%	14.4%	18.0%	38.6%	17.4%	10.0%	33.9%	24.7%	19.8%
	2007	13.4%	22.4%	17.2%	20.6%	16.4%	26.1%	22.0%	10.2%	27.4%	23.3%	19.5%
	2008	12.9%	22.6%	17.3%	9.7%	22.0%	32.9%	23.4%	10.9%	35.2%	17.8%	24.7%
Private Institutions	2004	19.5%	12.8%	9.6%	26.7%	11.3%	11.9%	21.0%	11.0%	15.8%	28.9%	7.7%
	2005	21.3%	12.0%	10.1%	26.8%	11.2%	14.2%	15.9%	12.4%	14.9%	22.9%	11.3%
	2006	21.6%	12.9%	10.0%	28.5%	11.2%	4.4%	16.4%	15.5%	7.7%	27.5%	7.4%
	2007	20.1%	13.0%	10.5%	27.9%	9.9%	8.2%	20.0%	16.4%	17.1%	26.5%	12.4%
	2008	18.4%	13.9%	12.5%	32.1%	10.2%	12.4%	16.4%	16.3%	14.7%	26.9%	7.7%
All Institutions	2004	18.0%	17.5%	12.6%	21.7%	12.2%	14.7%	19.9%	11.1%	28.4%	26.0%	48.1%
	2005	18.7%	16.9%	14.1%	22.4%	12.9%	18.4%	20.3%	12.4%	22.2%	21.5%	18.1%
	2006	19.0%	17.3%	13.4%	22.6%	13.2%	9.9%	17.0%	13.8%	22.6%	26.6%	16.8%
	2007	19.0%	17.2%	13.7%	24.9%	11.7%	11.0%	21.2%	14.5%	22.8%	25.5%	17.7%
	2008	17.2%	17.9%	14.8%	22.6%	13.5%	15.7%	20.6%	14.7%	26.6%	24.3%	19.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 695: Number of Doctor's and First Professional Degrees in STEM Majors - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	7	1,355	135	7	49	8	60	48	13	51	37
	2005	4	1,417	143	7	66	12	53	38	20	50	13
	2006	3	1,404	130	11	51	7	61	32	12	43	9
	2007	4	1,508	165	7	65	11	53	41	17	42	13
	2008	9	1,629	139	10	64	14	60	46	23	36	26
	# Change 04-08	2	274	4	3	15	6	0	-2	10	-15	-11
	% Change 04-08	28.6%	20.2%	3.0%	42.9%	30.6%	75.0%	0.0%	-4.2%	76.9%	-29.4%	-29.7%
Private Institutions	2004	81	1,145	162	23	53	8	5	170	15	56	6
	2005	81	1,193	166	12	39	5	2	173	14	64	3
	2006	92	1,167	169	12	33	6	6	157	7	69	7
	2007	102	1,269	157	47	45	6	5	159	16	69	9
	2008	95	1,426	189	15	46	7	4	201	14	85	7
	# Change 04-08	14	281	27	-8	-7	-1	-1	31	-1	29	1
	% Change 04-08	17.3%	24.5%	16.7%	-34.8%	-13.2%	-12.5%	-20.0%	18.2%	-6.7%	51.8%	16.7%
All Institutions	2004	88	2,500	297	30	102	16	65	218	28	107	43
	2005	85	2,610	309	19	105	17	55	211	34	114	16
	2006	95	2,571	299	23	84	13	67	189	19	112	16
	2007	106	2,777	322	54	110	17	58	200	33	111	22
	2008	104	3,055	328	25	110	21	64	247	37	121	33
	# Change 04-08	16	555	31	-5	8	5	-1	29	9	14	-10
	% Change 04-08	18.2%	22.2%	10.4%	-16.7%	7.8%	31.3%	-1.5%	13.3%	32.1%	13.1%	-23.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 696: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Hispanic Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	46.7%	48.0%	43.1%	43.8%	67.1%	47.1%	56.1%	39.0%	46.4%	56.7%	48.1%
	2005	30.8%	47.5%	43.1%	25.9%	60.6%	48.0%	55.8%	42.2%	50.0%	64.9%	34.2%
	2006	23.1%	45.0%	37.6%	25.6%	50.0%	33.3%	57.0%	38.1%	34.3%	47.3%	32.1%
	2007	30.8%	46.9%	48.2%	29.2%	55.1%	42.3%	53.5%	41.8%	45.9%	46.2%	29.5%
	2008	52.9%	47.1%	40.2%	41.7%	58.2%	50.0%	46.2%	46.5%	46.0%	48.6%	44.8%
Private Institutions	2004	40.5%	30.1%	26.2%	43.4%	33.8%	28.6%	11.1%	35.4%	44.1%	54.4%	50.0%
	2005	36.2%	29.5%	23.8%	30.8%	25.2%	13.5%	4.1%	35.2%	46.7%	50.0%	12.0%
	2006	44.0%	29.5%	26.2%	26.1%	19.8%	13.0%	13.3%	32.6%	20.0%	55.6%	38.9%
	2007	40.5%	29.5%	21.7%	65.3%	22.5%	14.0%	10.6%	33.8%	33.3%	60.5%	34.6%
	2008	41.1%	32.3%	27.1%	35.7%	26.0%	9.5%	12.5%	37.9%	38.9%	64.9%	25.0%
All Institutions	2004	40.9%	37.7%	31.9%	43.5%	44.3%	35.6%	42.8%	36.2%	45.2%	55.4%	48.3%
	2005	35.9%	37.1%	30.0%	28.8%	39.8%	27.4%	38.2%	36.3%	48.6%	55.6%	25.4%
	2006	42.8%	36.3%	30.2%	25.8%	31.2%	19.4%	44.1%	33.5%	27.1%	52.1%	34.8%
	2007	40.0%	37.0%	30.2%	56.3%	34.6%	24.6%	39.7%	35.1%	38.8%	54.1%	31.4%
	2008	41.9%	38.8%	31.4%	37.9%	38.3%	20.6%	39.5%	39.3%	43.0%	59.0%	38.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 697: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - White Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	3,397	216,347	11,500	861	11,504	6,954	2,165	7,661	8,636	6,709	4,689
	2005	3,499	226,921	11,010	923	12,746	7,809	2,192	7,825	8,736	7,030	4,783
	2006	3,650	227,339	10,679	929	12,288	8,251	2,335	7,708	8,736	6,958	4,730
	2007	3,405	231,997	11,173	943	12,588	8,261	2,611	7,663	8,930	6,663	4,980
	2008	3,609	238,399	11,512	1,016	12,698	8,472	2,505	7,694	8,374	7,013	5,483
	# Change 04-08	212	22,052	12	155	1,194	1,518	340	33	-262	304	794
	% Change 04-08	6.2%	10.2%	0.1%	18.0%	10.4%	21.8%	15.7%	0.4%	-3.0%	4.5%	16.9%
Private Institutions	2004	1,496	93,133	9,336	1,363	2,011	1,711	2,699	5,223	621	8,055	3,102
	2005	2,314	101,646	9,626	1,613	2,126	1,918	2,759	5,054	683	8,911	3,178
	2006	2,221	99,606	8,825	1,603	2,287	1,856	2,955	3,728	779	9,058	3,280
	2007	1,969	104,142	8,796	1,664	2,586	2,089	2,813	5,293	849	8,897	3,563
	2008	2,012	108,361	10,071	1,729	2,574	2,167	2,606	5,026	1,019	8,368	3,628
	# Change 04-08	516	15,228	735	366	563	456	-93	-197	398	313	526
	% Change 04-08	34.5%	16.4%	7.9%	26.9%	28.0%	26.7%	-3.4%	-3.8%	64.1%	3.9%	17.0%
All Institutions	2004	4,893	309,480	20,836	2,224	13,515	8,665	4,864	12,884	9,257	14,764	7,791
	2005	5,813	328,567	20,636	2,536	14,872	9,727	4,951	12,879	9,419	15,941	7,961
	2006	5,871	326,945	19,504	2,532	14,575	10,107	5,290	11,436	9,515	16,016	8,010
	2007	5,374	336,139	19,969	2,607	15,174	10,350	5,424	12,956	9,779	15,560	8,543
	2008	5,621	346,760	21,583	2,745	15,272	10,639	5,111	12,720	9,393	15,381	9,111
	# Change 04-08	728	37,280	747	521	1,757	1,974	247	-164	136	617	1,320
	% Change 04-08	14.9%	12.0%	3.6%	23.4%	13.0%	22.8%	5.1%	-1.3%	1.5%	4.2%	16.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 698: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - White Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	42.4%	37.1%	22.6%	29.8%	34.2%	39.3%	24.4%	26.8%	40.9%	44.4%	42.4%
	2005	42.2%	37.0%	21.3%	29.8%	34.8%	42.2%	24.5%	27.0%	39.7%	44.7%	43.0%
	2006	42.6%	36.6%	21.1%	30.8%	34.8%	42.5%	25.4%	26.5%	39.7%	44.0%	41.6%
	2007	41.3%	36.6%	21.2%	29.2%	35.4%	41.4%	26.3%	26.9%	39.6%	42.3%	43.4%
	2008	42.1%	36.9%	22.1%	30.9%	35.3%	42.9%	23.8%	27.1%	37.4%	42.8%	44.8%
Private Institutions	2004	31.9%	43.8%	44.7%	35.6%	26.4%	41.3%	47.9%	34.7%	28.1%	42.1%	75.6%
	2005	42.7%	44.7%	42.7%	37.9%	19.5%	41.9%	49.6%	34.8%	25.4%	43.7%	74.7%
	2006	42.8%	43.7%	40.4%	39.2%	20.8%	40.5%	53.0%	27.9%	24.3%	43.1%	75.7%
	2007	38.6%	44.7%	40.7%	38.3%	24.4%	44.8%	53.6%	36.2%	27.3%	43.4%	75.1%
	2008	40.3%	45.2%	43.2%	38.0%	23.7%	43.6%	53.8%	35.3%	34.7%	42.2%	74.4%
All Institutions	2004	38.5%	38.9%	29.1%	33.1%	32.8%	39.7%	33.5%	29.5%	39.7%	43.1%	51.4%
	2005	42.4%	39.1%	27.8%	34.5%	31.3%	42.1%	34.1%	29.6%	38.1%	44.1%	51.8%
	2006	42.7%	38.5%	26.9%	35.7%	31.5%	42.1%	35.9%	27.0%	37.8%	43.5%	51.0%
	2007	40.3%	38.8%	26.9%	34.4%	32.8%	42.1%	35.7%	30.1%	38.1%	42.9%	52.7%
	2008	41.5%	39.2%	28.7%	35.0%	32.6%	43.0%	33.3%	29.8%	37.1%	42.4%	53.2%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 699: Number of Bachelor's Degrees in STEM Majors - White Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2,116	157,437	9,166	1,167	5,738	3,134	2,581	5,217	6,249	7,482	5,309
	2005	2,271	162,667	9,355	1,283	5,681	3,447	2,597	5,489	6,039	8,100	5,174
	2006	2,273	167,648	9,968	1,420	5,832	3,534	2,568	5,587	5,987	8,232	5,343
	2007	2,403	173,107	10,183	1,465	6,162	3,745	2,684	5,752	6,268	8,447	5,419
	2008	2,546	176,880	10,454	1,587	6,296	4,026	2,772	5,748	6,640	8,729	5,382
	# Change 04-08	430	19,443	1,288	420	558	892	191	531	391	1,247	73
	% Change 04-08	20.3%	12.3%	14.1%	36.0%	9.7%	28.5%	7.4%	10.2%	6.3%	16.7%	1.4%
Private Institutions	2004	4,567	73,611	3,483	1,257	4,307	1,824	1,020	8,828	1,687	7,858	1,107
	2005	4,615	75,045	3,214	1,135	5,176	1,988	974	8,802	1,503	8,064	1,333
	2006	5,020	79,152	3,161	1,208	5,294	2,082	922	8,692	1,493	8,599	1,291
	2007	4,937	82,765	3,232	1,317	5,260	2,087	862	9,267	1,522	8,801	1,300
	2008	5,283	85,429	3,520	1,380	5,061	2,178	940	9,785	1,425	9,239	1,282
	# Change 04-08	716	11,818	37	123	754	354	-80	957	-262	1,381	175
	% Change 04-08	15.7%	16.1%	1.1%	9.8%	17.5%	19.4%	-7.8%	10.8%	-15.5%	17.6%	15.8%
All Institutions	2004	6,683	231,048	12,649	2,424	10,045	4,958	3,601	14,045	7,936	15,340	6,416
	2005	6,886	237,712	12,569	2,418	10,857	5,435	3,571	14,291	7,542	16,164	6,507
	2006	7,293	246,800	13,129	2,628	11,126	5,616	3,490	14,279	7,480	16,831	6,634
	2007	7,340	255,872	13,415	2,782	11,422	5,832	3,546	15,019	7,790	17,248	6,719
	2008	7,829	262,309	13,974	2,967	11,357	6,204	3,712	15,533	8,065	17,968	6,664
	# Change 04-08	1,146	31,261	1,325	543	1,312	1,246	111	1,488	129	2,628	248
	% Change 04-08	17.1%	13.5%	10.5%	22.4%	13.1%	25.1%	3.1%	10.6%	1.6%	17.1%	3.9%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 700: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - White Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	20.2%	24.0%	21.3%	17.7%	24.4%	22.1%	18.8%	19.1%	28.9%	23.0%	25.2%
	2005	20.5%	24.1%	21.4%	18.8%	24.2%	23.7%	17.9%	19.3%	27.9%	23.9%	24.7%
	2006	20.3%	24.4%	22.2%	19.2%	24.7%	23.5%	17.7%	19.4%	27.8%	24.0%	24.8%
	2007	20.9%	24.8%	22.4%	19.8%	25.1%	23.5%	18.3%	19.5%	28.7%	24.3%	24.8%
	2008	21.3%	24.9%	22.3%	20.2%	25.3%	24.3%	18.8%	19.5%	28.7%	25.2%	24.6%
Private Institutions	2004	20.4%	20.4%	17.7%	18.6%	21.6%	18.3%	18.0%	20.8%	17.3%	24.1%	16.9%
	2005	20.9%	20.4%	16.1%	18.3%	22.6%	19.3%	16.7%	20.7%	15.9%	24.3%	19.2%
	2006	21.7%	20.8%	15.7%	18.8%	21.4%	20.3%	16.1%	20.6%	15.9%	25.6%	17.5%
	2007	21.3%	21.0%	15.8%	19.9%	20.5%	19.8%	14.3%	21.1%	15.9%	25.8%	17.2%
	2008	22.2%	21.4%	16.6%	20.9%	20.0%	19.9%	15.1%	21.9%	14.8%	26.9%	16.3%
All Institutions	2004	20.3%	22.7%	20.1%	18.1%	23.1%	20.5%	18.6%	20.1%	25.3%	23.6%	23.2%
	2005	20.7%	22.8%	19.8%	18.6%	23.4%	21.9%	17.6%	20.2%	24.3%	24.1%	23.3%
	2006	21.3%	23.1%	20.2%	19.0%	23.0%	22.2%	17.3%	20.1%	24.2%	24.8%	22.9%
	2007	21.2%	23.4%	20.3%	19.8%	22.7%	22.0%	17.2%	20.4%	24.8%	25.0%	22.8%
	2008	21.9%	23.6%	20.6%	20.5%	22.6%	22.6%	17.7%	20.9%	24.6%	26.0%	22.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 701: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - White Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	490	41,031	2,878	295	1,627	677	731	1,546	1,690	1,624	1,688
	2005	566	43,193	3,180	353	1,533	895	693	1,524	1,734	1,598	1,657
	2006	612	44,675	3,353	407	1,589	1,040	735	1,560	1,749	1,656	1,801
	2007	611	44,583	3,046	368	1,678	1,008	758	1,587	1,745	1,628	1,754
	2008	695	46,220	3,411	361	1,690	1,145	761	1,639	1,786	1,610	1,814
	# Change 04-08	205	5,189	533	66	63	468	30	93	96	-14	126
	% Change 04-08	41.8%	12.6%	18.5%	22.4%	3.9%	69.1%	4.1%	6.0%	5.7%	-0.9%	7.5%
Private Institutions	2004	2,477	25,920	2,050	930	1,427	569	444	3,867	449	2,622	157
	2005	2,503	26,702	1,884	1,035	1,673	668	505	3,913	389	2,616	186
	2006	2,257	28,297	2,077	1,024	1,932	709	492	3,923	401	2,793	166
	2007	2,399	30,044	2,259	980	1,875	990	465	4,013	554	3,225	205
	2008	2,511	31,319	2,387	1,001	1,995	1,374	471	4,116	557	3,309	149
	# Change 04-08	34	5,399	337	71	568	805	27	249	108	687	-8
	% Change 04-08	1.4%	20.8%	16.4%	7.6%	39.8%	141.5%	6.1%	6.4%	24.1%	26.2%	-5.1%
All Institutions	2004	2,967	66,951	4,928	1,225	3,054	1,246	1,175	5,413	2,139	4,246	1,845
	2005	3,069	69,895	5,064	1,388	3,206	1,563	1,198	5,437	2,123	4,214	1,843
	2006	2,869	72,972	5,430	1,431	3,521	1,749	1,227	5,483	2,150	4,449	1,967
	2007	3,010	74,627	5,305	1,348	3,553	1,998	1,223	5,600	2,299	4,853	1,959
	2008	3,206	77,539	5,798	1,362	3,685	2,519	1,232	5,755	2,343	4,919	1,963
	# Change 04-08	239	10,588	870	137	631	1,273	57	342	204	673	118
	% Change 04-08	8.1%	15.8%	17.7%	11.2%	20.7%	102.2%	4.9%	6.3%	9.5%	15.9%	6.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 702: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - White Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14.2%	21.8%	26.3%	12.9%	22.2%	24.8%	19.3%	12.3%	28.5%	22.2%	25.0%
	2005	15.3%	22.2%	27.5%	13.6%	21.0%	27.7%	17.5%	13.0%	28.3%	22.2%	22.6%
	2006	16.9%	22.6%	28.3%	15.9%	21.4%	29.7%	18.6%	12.8%	27.5%	22.0%	23.3%
	2007	15.4%	22.7%	27.7%	14.8%	23.0%	27.5%	18.7%	13.3%	26.7%	21.0%	22.5%
	2008	16.5%	22.9%	27.3%	12.6%	22.3%	29.2%	19.3%	14.2%	26.6%	20.5%	22.7%
Private Institutions	2004	21.7%	15.8%	11.8%	25.8%	10.3%	10.1%	14.2%	16.7%	20.3%	24.2%	8.7%
	2005	21.4%	15.6%	11.7%	26.9%	10.7%	10.0%	15.4%	17.9%	18.1%	22.9%	9.3%
	2006	19.3%	15.5%	12.4%	26.8%	12.1%	8.6%	14.6%	16.3%	17.4%	22.8%	8.0%
	2007	20.8%	16.1%	13.9%	26.1%	11.9%	10.8%	13.0%	16.7%	23.4%	25.0%	9.1%
	2008	20.7%	16.5%	15.0%	27.4%	12.0%	13.7%	13.3%	17.5%	22.8%	24.6%	6.0%
All Institutions	2004	19.9%	19.0%	17.4%	20.8%	14.4%	14.9%	17.0%	15.1%	26.3%	23.4%	21.6%
	2005	19.9%	19.1%	18.3%	21.5%	14.0%	15.7%	16.5%	16.2%	25.7%	22.6%	19.8%
	2006	18.7%	19.2%	18.9%	22.5%	15.0%	14.9%	16.7%	15.1%	24.8%	22.5%	20.1%
	2007	19.4%	19.5%	19.5%	21.6%	15.4%	15.6%	16.0%	15.6%	25.8%	23.5%	19.5%
	2008	19.6%	19.8%	20.4%	20.9%	15.3%	18.0%	16.5%	16.4%	25.6%	23.1%	18.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 703: Number of Doctor's and First Professional Degrees in STEM Majors - White Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	208	20,666	1,250	185	661	560	491	769	680	934	697
	2005	197	21,944	1,245	163	654	628	447	799	691	936	756
	2006	177	22,639	1,329	189	682	604	418	783	695	1,015	879
	2007	212	24,250	1,393	176	724	666	441	804	739	1,021	878
	2008	206	25,116	1,478	205	690	619	473	838	773	1,129	782
	# Change 04-08	-2	4,450	228	20	29	59	-18	69	93	195	85
	% Change 04-08	-1.0%	21.5%	18.2%	10.8%	4.4%	10.5%	-3.7%	9.0%	13.7%	20.9%	12.2%
Private Institutions	2004	1,171	13,995	1,309	154	1,029	194	67	1,770	330	1,531	231
	2005	1,274	14,970	1,335	162	1,049	189	72	1,972	351	1,724	367
	2006	1,286	15,607	1,278	173	1,088	255	87	1,926	315	1,871	266
	2007	1,558	16,971	1,300	158	1,130	301	98	2,073	439	2,090	249
	2008	1,426	18,055	1,423	205	1,324	291	91	2,328	448	2,289	300
	# Change 04-08	255	4,060	114	51	295	97	24	558	118	758	69
	% Change 04-08	21.8%	29.0%	8.7%	33.1%	28.7%	50.0%	35.8%	31.5%	35.8%	49.5%	29.9%
All Institutions	2004	1,379	34,661	2,559	339	1,690	754	558	2,539	1,010	2,465	928
	2005	1,471	36,914	2,580	325	1,703	817	519	2,771	1,042	2,660	1,123
	2006	1,463	38,246	2,607	362	1,770	859	505	2,709	1,010	2,886	1,145
	2007	1,770	41,221	2,693	334	1,854	967	539	2,877	1,178	3,111	1,127
	2008	1,632	43,171	2,901	410	2,014	910	564	3,166	1,221	3,418	1,082
	# Change 04-08	253	8,510	342	71	324	156	6	627	211	953	154
	% Change 04-08	18.3%	24.6%	13.4%	20.9%	19.2%	20.7%	1.1%	24.7%	20.9%	38.7%	16.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 704: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - White Students (MASSIP 2009 Indicator 25)												
Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	67.3%	50.5%	49.1%	44.2%	51.6%	61.9%	52.2%	54.1%	55.4%	47.5%	41.9%
	2005	65.0%	51.6%	51.5%	39.1%	49.7%	61.9%	49.3%	54.3%	56.0%	46.8%	44.7%
	2006	63.2%	52.8%	52.8%	41.7%	52.3%	58.8%	51.0%	53.4%	56.0%	50.5%	49.1%
	2007	65.8%	55.1%	54.0%	43.0%	52.3%	61.3%	50.3%	55.5%	58.3%	51.0%	49.7%
	2008	68.7%	55.3%	53.0%	51.3%	51.3%	61.2%	52.8%	56.6%	56.6%	54.9%	44.3%
Private Institutions	2004	33.6%	32.5%	27.1%	25.1%	34.2%	17.6%	10.8%	33.1%	32.8%	53.8%	26.8%
	2005	36.0%	32.5%	25.1%	25.2%	33.0%	15.5%	9.7%	33.6%	33.4%	58.0%	33.8%
	2006	34.6%	33.5%	26.1%	27.9%	34.4%	18.8%	13.0%	34.0%	32.2%	57.5%	25.8%
	2007	39.7%	35.3%	26.2%	27.3%	34.0%	18.8%	14.4%	37.8%	41.7%	60.6%	23.8%
	2008	39.7%	37.9%	28.6%	34.2%	39.3%	18.3%	14.0%	40.4%	43.0%	66.1%	26.1%
All Institutions	2004	36.3%	41.3%	34.7%	32.8%	39.4%	37.6%	35.7%	37.5%	45.2%	51.2%	36.7%
	2005	38.3%	41.6%	33.4%	30.7%	37.9%	36.6%	31.5%	37.8%	45.6%	53.5%	40.4%
	2006	36.6%	42.8%	35.2%	33.8%	39.6%	36.0%	33.9%	38.0%	45.6%	54.9%	40.6%
	2007	41.7%	44.7%	35.7%	33.8%	39.4%	36.0%	34.6%	41.5%	50.7%	57.1%	40.0%
	2008	41.9%	46.4%	37.4%	41.0%	42.7%	35.0%	36.5%	43.7%	50.7%	61.9%	37.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 705: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	140	3,721	561	29	60	125	148	421	49	43	52
	2005	249	3,731	519	19	66	116	224	424	57	46	37
	2006	66	3,447	532	25	65	96	177	413	45	52	22
	2007	62	3,189	364	20	51	104	142	557	41	50	13
	2008	78	3,729	460	26	66	88	177	455	28	38	16
	# Change 04-08	-62	8	-101	-3	6	-37	29	34	-21	-5	-36
	% Change 04-08	-44.3%	0.2%	-18.0%	-10.3%	10.0%	-29.6%	19.6%	8.1%	-42.9%	-11.6%	-69.2%
Private Institutions	2004	16	1,193	337	8	38	0	45	105	0	14	10
	2005	17	1,102	139	7	43	19	6	133	0	18	11
	2006	9	1,192	125	18	36	6	22	80	1	32	11
	2007	5	1,537	270	6	41	3	29	148	1	30	14
	2008	5	1,466	120	16	74	9	80	196	5	19	10
	# Change 04-08	-11	273	-217	8	36	9	35	91	5	5	0
	% Change 04-08	-68.8%	22.9%	-64.4%	100.0%	94.7%	N/A	77.8%	86.7%	N/A	35.7%	0.0%
All Institutions	2004	156	4,914	898	37	98	125	193	526	49	57	62
	2005	266	4,833	658	26	109	135	230	557	57	64	48
	2006	75	4,639	657	43	101	102	199	493	46	84	33
	2007	67	4,726	634	26	92	107	171	705	42	80	27
	2008	83	5,195	580	42	140	97	257	651	33	57	26
	# Change 04-08	-73	281	-318	5	42	-28	64	125	-16	0	-36
	% Change 04-08	-46.8%	5.7%	-35.4%	13.5%	42.9%	-22.4%	33.2%	23.8%	-32.7%	0.0%	-58.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 706: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	40.8%	22.9%	12.7%	23.2%	29.7%	56.1%	30.0%	20.0%	32.2%	24.3%	25.1%
	2005	50.4%	23.7%	12.7%	17.0%	32.0%	52.5%	32.0%	25.7%	35.6%	27.7%	22.0%
	2006	29.7%	23.3%	13.9%	22.7%	31.7%	47.8%	33.2%	25.7%	25.3%	32.3%	17.9%
	2007	24.3%	21.3%	10.5%	18.0%	25.0%	49.3%	27.2%	26.8%	27.5%	32.1%	12.6%
	2008	28.6%	23.3%	13.7%	24.3%	30.1%	51.5%	30.2%	24.2%	23.0%	32.5%	30.2%
Private Institutions	2004	13.4%	24.6%	26.2%	7.8%	11.8%	0.0%	53.6%	11.2%	0.0%	10.0%	58.8%
	2005	9.6%	22.2%	11.6%	12.7%	9.1%	50.0%	20.7%	14.5%	0.0%	14.5%	32.4%
	2006	7.0%	22.9%	9.2%	40.0%	10.7%	30.0%	31.0%	9.3%	9.1%	19.9%	40.7%
	2007	4.1%	24.8%	14.7%	15.4%	9.1%	9.1%	36.3%	15.0%	6.7%	24.6%	36.8%
	2008	3.6%	21.0%	8.2%	32.7%	16.9%	15.0%	50.0%	15.5%	45.5%	16.0%	50.0%
All Institutions	2004	33.8%	23.3%	15.7%	16.3%	18.7%	52.3%	33.4%	17.3%	28.2%	18.0%	27.7%
	2005	39.6%	23.4%	12.4%	15.6%	16.0%	52.1%	31.6%	21.7%	33.1%	22.1%	23.8%
	2006	21.4%	23.2%	12.7%	27.7%	18.6%	46.2%	32.9%	20.0%	24.3%	26.1%	22.0%
	2007	17.8%	22.3%	12.0%	17.3%	14.1%	43.9%	28.4%	23.0%	25.6%	28.8%	19.1%
	2008	20.2%	22.6%	12.0%	26.9%	21.3%	42.0%	34.4%	20.7%	24.8%	24.2%	35.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 707: Number of Bachelor's Degrees in STEM Majors - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	113	9,398	1,210	27	222	328	306	581	149	245	274
	2005	119	9,631	1,288	65	365	292	236	646	116	260	285
	2006	118	9,154	1,307	38	300	297	231	609	100	265	282
	2007	91	8,382	1,212	31	258	255	179	587	79	201	183
	2008	81	8,090	1,076	24	260	261	206	676	89	187	237
	# Change 04-08	-32	-1,308	-134	-3	38	-67	-100	95	-60	-58	-37
	% Change 04-08	-28.3%	-13.9%	-11.1%	-11.1%	17.1%	-20.4%	-32.7%	16.4%	-40.3%	-23.7%	-13.5%
Private Institutions	2004	470	5,774	523	118	410	91	147	858	75	537	55
	2005	421	5,508	495	109	340	100	108	743	68	515	71
	2006	433	5,550	460	92	320	98	89	743	72	463	72
	2007	430	5,762	423	92	292	63	104	734	82	515	52
	2008	415	5,037	370	86	291	73	133	722	84	486	80
	# Change 04-08	-55	-737	-153	-32	-119	-18	-14	-136	9	-51	25
	% Change 04-08	-11.7%	-12.8%	-29.3%	-27.1%	-29.0%	-19.8%	-9.5%	-15.9%	12.0%	-9.5%	45.5%
All Institutions	2004	583	15,172	1,733	145	632	419	453	1,439	224	782	329
	2005	540	15,139	1,783	174	705	392	344	1,389	184	775	356
	2006	551	14,704	1,767	130	620	395	320	1,352	172	728	354
	2007	521	14,144	1,635	123	550	318	283	1,321	161	716	235
	2008	496	13,127	1,446	110	551	334	339	1,398	173	673	317
	# Change 04-08	-87	-2,045	-287	-35	-81	-85	-114	-41	-51	-109	-12
	% Change 04-08	-14.9%	-13.5%	-16.6%	-24.1%	-12.8%	-20.3%	-25.2%	-2.8%	-22.8%	-13.9%	-3.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 708: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	28.3%	34.7%	30.6%	25.0%	38.0%	41.7%	41.1%	26.1%	28.7%	34.4%	33.3%
	2005	32.8%	34.9%	30.8%	31.1%	41.7%	42.4%	37.8%	27.9%	30.9%	33.1%	37.9%
	2006	33.0%	33.7%	30.3%	21.2%	39.3%	41.9%	33.8%	25.1%	21.1%	35.5%	40.2%
	2007	29.1%	32.8%	28.5%	26.7%	39.6%	38.6%	36.6%	22.0%	24.2%	32.2%	37.6%
	2008	29.7%	30.9%	27.4%	18.0%	40.8%	44.6%	38.2%	22.4%	21.7%	31.1%	36.4%
Private Institutions	2004	19.8%	27.6%	27.6%	26.6%	38.8%	29.7%	40.8%	27.8%	24.6%	36.1%	24.9%
	2005	20.0%	26.1%	22.6%	27.9%	32.1%	29.2%	34.2%	26.3%	25.4%	35.9%	25.3%
	2006	20.7%	24.8%	20.3%	21.4%	31.5%	28.3%	33.8%	28.0%	25.4%	32.5%	24.2%
	2007	20.1%	24.5%	18.1%	22.0%	30.5%	22.9%	32.8%	25.7%	29.0%	35.3%	19.6%
	2008	20.6%	23.8%	18.2%	22.8%	34.6%	23.0%	33.6%	26.1%	26.5%	32.2%	24.4%
All Institutions	2004	21.0%	31.6%	29.6%	26.3%	38.5%	38.4%	41.0%	27.1%	27.2%	35.5%	31.5%
	2005	21.9%	31.1%	28.0%	29.0%	36.5%	38.0%	36.6%	27.0%	28.6%	34.9%	34.5%
	2006	22.5%	29.7%	26.9%	21.3%	34.9%	37.5%	33.8%	26.6%	22.7%	33.6%	35.4%
	2007	21.2%	28.8%	24.8%	23.0%	34.2%	34.0%	35.1%	23.9%	26.4%	34.4%	31.3%
	2008	21.6%	27.7%	24.3%	21.5%	37.2%	37.0%	36.3%	24.2%	23.8%	31.9%	32.4%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 709: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	472	23,650	1,902	119	1,190	360	665	1,037	591	520	564
	2005	274	22,508	2,052	146	1,028	348	584	1,014	365	517	597
	2006	278	20,219	1,965	112	1,035	329	623	973	441	415	652
	2007	309	17,946	1,542	109	944	306	526	906	404	387	384
	2008	333	20,145	1,829	101	1,348	317	692	1,082	540	412	596
	# Change 04-08	-139	-3,505	-73	-18	158	-43	27	45	-51	-108	32
	% Change 04-08	-29.4%	-14.8%	-3.8%	-15.1%	13.3%	-11.9%	4.1%	4.3%	-8.6%	-20.8%	5.7%
Private Institutions	2004	1,297	11,055	2,134	448	928	90	377	2,264	22	1,071	15
	2005	1,158	10,092	1,996	415	830	89	333	2,149	12	819	6
	2006	1,105	10,487	1,848	429	822	117	382	2,228	16	1,007	14
	2007	1,042	10,342	1,727	434	886	47	403	2,328	25	940	14
	2008	1,219	11,628	1,932	637	1,013	68	498	2,685	18	1,217	7
	# Change 04-08	-78	573	-202	189	85	-22	121	421	-4	146	-8
	% Change 04-08	-6.0%	5.2%	-9.5%	42.2%	9.2%	-24.4%	32.1%	18.6%	-18.2%	13.6%	-53.3%
All Institutions	2004	1,769	34,705	4,036	567	2,118	450	1,042	3,301	613	1,591	579
	2005	1,432	32,600	4,048	561	1,858	437	917	3,163	377	1,336	603
	2006	1,383	30,706	3,813	541	1,857	446	1,005	3,201	457	1,422	666
	2007	1,351	28,288	3,269	543	1,830	353	929	3,234	429	1,327	398
	2008	1,552	31,773	3,761	738	2,361	385	1,190	3,767	558	1,629	603
	# Change 04-08	-217	-2,932	-275	171	243	-65	148	466	-55	38	24
	% Change 04-08	-12.3%	-8.4%	-6.8%	30.2%	11.5%	-14.4%	14.2%	14.1%	-9.0%	2.4%	4.1%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 710: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	67.6%	54.7%	44.2%	48.6%	47.0%	49.2%	62.6%	41.8%	66.2%	45.6%	48.5%
	2005	58.2%	54.8%	48.5%	50.0%	46.7%	49.2%	58.3%	42.4%	52.1%	45.4%	53.8%
	2006	57.7%	52.8%	49.9%	40.1%	49.1%	50.2%	64.8%	42.6%	55.6%	41.8%	55.8%
	2007	59.2%	50.8%	43.9%	44.7%	47.7%	44.3%	62.2%	40.7%	52.0%	39.7%	51.9%
	2008	58.8%	52.4%	49.5%	38.5%	54.5%	41.8%	69.3%	44.2%	57.4%	38.5%	50.2%
Private Institutions	2004	30.6%	31.1%	48.1%	43.8%	25.5%	36.4%	50.1%	29.1%	10.4%	43.1%	8.8%
	2005	30.7%	28.0%	44.4%	39.3%	25.5%	33.7%	48.0%	28.7%	6.5%	39.7%	2.6%
	2006	29.5%	28.1%	41.5%	44.7%	25.5%	43.8%	45.3%	28.8%	7.7%	41.3%	7.3%
	2007	28.3%	28.2%	40.1%	46.8%	28.7%	21.5%	48.0%	27.9%	14.1%	38.0%	8.9%
	2008	30.2%	30.5%	41.1%	55.2%	30.0%	29.3%	48.9%	29.7%	8.6%	49.7%	3.6%
All Institutions	2004	35.9%	44.1%	46.2%	44.7%	34.3%	46.0%	57.4%	32.2%	55.5%	43.9%	43.4%
	2005	33.7%	42.3%	46.4%	41.6%	34.0%	45.0%	54.1%	32.0%	42.6%	41.7%	45.0%
	2006	32.7%	40.6%	45.4%	43.7%	34.8%	48.3%	55.7%	31.9%	45.7%	41.5%	48.9%
	2007	32.1%	39.3%	41.8%	46.4%	36.1%	38.8%	55.2%	30.6%	45.0%	38.5%	44.3%
	2008	33.7%	41.5%	44.8%	52.1%	40.3%	38.9%	59.0%	32.8%	48.5%	46.3%	43.7%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 711: Number of Doctor's and First Professional Degrees in STEM Majors - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	81	6,461	557	61	265	136	193	258	188	274	169
	2005	74	7,401	703	88	346	153	181	313	195	311	225
	2006	101	8,451	810	96	391	189	203	352	255	331	240
	2007	103	9,193	913	106	237	221	214	359	274	361	251
	2008	132	9,400	867	116	441	184	227	395	240	379	290
	# Change 04-08	51	2,939	310	55	176	48	34	137	52	105	121
	% Change 04-08	63.0%	45.5%	55.7%	90.2%	66.4%	35.3%	17.6%	53.1%	27.7%	38.3%	71.6%
Private Institutions	2004	499	3,125	458	75	262	19	104	630	15	296	8
	2005	546	3,481	488	65	243	15	103	659	29	375	3
	2006	621	3,752	565	72	245	14	116	730	15	353	8
	2007	615	3,884	574	79	253	27	129	788	19	347	6
	2008	644	3,876	537	77	238	15	105	826	15	342	3
	# Change 04-08	145	751	79	2	-24	-4	1	196	0	46	-5
	% Change 04-08	29.1%	24.0%	17.2%	2.7%	-9.2%	-21.1%	1.0%	31.1%	0.0%	15.5%	-62.5%
All Institutions	2004	580	9,586	1,015	136	527	155	297	888	203	570	177
	2005	620	10,882	1,191	153	589	168	284	972	224	686	228
	2006	722	12,203	1,375	168	636	203	319	1,082	270	684	248
	2007	718	13,077	1,487	185	490	248	343	1,147	293	708	257
	2008	776	13,276	1,404	193	679	199	332	1,221	255	721	293
	# Change 04-08	196	3,690	389	57	152	44	35	333	52	151	116
	% Change 04-08	33.8%	38.5%	38.3%	41.9%	28.8%	28.4%	11.8%	37.5%	25.6%	26.5%	65.5%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 712: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Non-Resident Alien Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	64.8%	71.3%	73.3%	70.1%	66.8%	69.0%	78.1%	65.3%	84.3%	58.7%	76.8%
	2005	66.1%	72.2%	74.5%	77.9%	70.9%	64.3%	75.4%	66.6%	78.9%	61.7%	75.8%
	2006	78.3%	73.2%	77.7%	72.7%	68.4%	65.9%	73.6%	68.3%	81.7%	63.8%	73.4%
	2007	75.2%	74.4%	77.1%	72.6%	70.7%	69.7%	75.4%	70.8%	83.8%	63.8%	78.7%
	2008	82.5%	74.2%	77.6%	81.1%	72.7%	65.7%	73.0%	68.2%	80.3%	67.0%	75.9%
Private Institutions	2004	64.1%	55.0%	50.6%	49.7%	51.4%	48.7%	56.5%	59.4%	62.5%	72.7%	17.8%
	2005	66.4%	56.2%	53.2%	45.1%	47.1%	36.6%	56.3%	58.0%	70.7%	71.6%	10.7%
	2006	68.4%	57.3%	54.9%	55.4%	48.0%	40.0%	55.0%	59.6%	60.0%	68.7%	21.6%
	2007	65.6%	57.9%	56.1%	58.1%	47.1%	37.0%	66.5%	60.4%	55.9%	69.1%	17.6%
	2008	66.4%	57.7%	51.1%	53.1%	46.2%	37.5%	56.1%	61.9%	55.6%	71.7%	11.1%
All Institutions	2004	64.2%	65.0%	60.9%	57.1%	58.1%	65.7%	68.9%	61.0%	82.2%	65.2%	66.8%
	2005	66.4%	66.2%	64.0%	59.5%	58.7%	60.2%	67.1%	60.5%	77.8%	66.7%	70.2%
	2006	69.6%	67.4%	66.4%	64.1%	58.8%	63.0%	65.5%	62.2%	80.1%	66.2%	68.1%
	2007	66.8%	68.6%	67.3%	65.6%	56.2%	63.6%	71.8%	63.3%	81.2%	66.3%	72.8%
	2008	68.7%	68.5%	64.8%	67.0%	60.5%	62.2%	66.7%	63.8%	78.2%	69.1%	71.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 713: Number of Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	4,743	301,015	24,024	1,221	15,676	9,237	3,643	11,360	11,877	7,752	6,513
	2005	4,760	317,084	24,433	1,273	17,450	9,644	3,757	11,705	12,005	8,178	6,597
	2006	4,875	318,542	24,453	1,297	17,051	10,298	4,090	11,641	12,078	8,008	6,503
	2007	4,732	328,078	25,730	1,317	17,693	10,221	4,418	11,931	12,099	7,843	6,817
	2008	4,841	339,371	28,301	1,430	17,541	9,994	4,366	12,079	11,732	8,307	7,792
	# Change 04-08	98	38,356	4,277	209	1,865	757	723	719	-145	555	1,279
	% Change 04-08	2.1%	12.7%	17.8%	17.1%	11.9%	8.2%	19.8%	6.3%	-1.2%	7.2%	19.6%
Private Institutions	2004	3,610	229,594	38,628	2,631	5,536	2,375	7,137	14,577	984	11,699	7,472
	2005	5,005	243,978	38,525	3,079	6,779	2,627	7,970	14,365	1,030	13,022	7,685
	2006	4,689	251,220	38,425	3,084	8,231	2,778	8,044	12,133	1,135	13,963	7,730
	2007	4,631	261,656	37,889	3,129	8,962	2,896	7,878	14,238	1,320	14,187	7,894
	2008	4,769	276,787	42,988	3,165	9,409	3,022	7,835	13,295	1,597	13,985	8,288
	# Change 04-08	1,159	47,193	4,360	534	3,873	647	698	-1,282	613	2,286	816
	% Change 04-08	32.1%	20.6%	11.3%	20.3%	70.0%	27.2%	9.8%	-8.8%	62.3%	19.5%	10.9%
All Institutions	2004	8,353	530,609	62,652	3,852	21,212	11,612	10,780	25,937	12,861	19,451	13,985
	2005	9,765	561,062	62,958	4,352	24,229	12,271	11,727	26,070	13,035	21,200	14,282
	2006	9,564	569,762	62,878	4,381	25,282	13,076	12,134	23,774	13,213	21,971	14,233
	2007	9,363	589,734	63,619	4,446	26,655	13,117	12,296	26,169	13,419	22,030	14,711
	2008	9,610	616,158	71,289	4,595	26,950	13,016	12,201	25,374	13,329	22,292	16,080
	# Change 04-08	1,257	85,549	8,637	743	5,738	1,404	1,421	-563	468	2,841	2,095
	% Change 04-08	15.0%	16.1%	13.8%	19.3%	27.1%	12.1%	13.2%	-2.2%	3.6%	14.6%	15.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 714: Associate's Degrees and Certificates Below Bachelor's Degrees in STEM Majors as a Percentage of all Associate's Degrees and Certificates Below Bachelor's - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	43.7%	34.5%	20.4%	29.0%	32.9%	40.6%	26.3%	27.0%	39.0%	42.4%	42.2%
	2005	43.0%	34.4%	19.5%	28.9%	34.0%	42.6%	26.5%	26.9%	37.7%	42.8%	42.4%
	2006	43.0%	34.1%	20.3%	29.3%	34.4%	43.8%	27.4%	26.5%	37.9%	41.5%	41.2%
	2007	42.5%	34.1%	20.2%	28.3%	34.6%	42.5%	28.0%	27.0%	37.4%	39.7%	42.3%
	2008	42.2%	34.4%	21.9%	29.8%	34.2%	42.9%	26.1%	27.4%	35.1%	40.1%	44.3%
Private Institutions	2004	42.6%	49.9%	55.8%	41.5%	33.3%	38.5%	53.0%	39.4%	25.5%	41.7%	75.9%
	2005	50.9%	50.1%	52.9%	43.1%	29.9%	38.6%	55.2%	39.3%	24.4%	43.4%	73.6%
	2006	50.5%	49.7%	51.0%	42.4%	33.4%	41.9%	55.9%	35.2%	23.5%	43.0%	75.5%
	2007	48.3%	50.2%	50.1%	41.6%	37.6%	44.5%	58.8%	39.5%	27.2%	44.2%	74.2%
	2008	48.3%	50.4%	53.0%	41.3%	38.4%	43.6%	57.5%	38.9%	33.0%	43.4%	73.8%
All Institutions	2004	43.2%	39.8%	33.5%	36.5%	33.0%	40.2%	39.5%	32.8%	37.5%	42.0%	55.3%
	2005	46.7%	39.8%	31.7%	37.7%	32.8%	41.7%	40.9%	32.5%	36.2%	43.2%	54.9%
	2006	46.4%	39.6%	32.1%	37.4%	34.1%	43.4%	41.4%	30.4%	36.0%	42.4%	54.7%
	2007	45.2%	39.7%	31.4%	36.5%	35.6%	43.0%	42.1%	32.6%	36.0%	42.5%	55.0%
	2008	45.0%	40.2%	33.9%	36.8%	35.6%	43.1%	40.2%	32.4%	34.9%	42.1%	55.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.



Table III - 715: Number of Bachelor's Degrees in STEM Majors - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	2,955	222,627	23,829	1,560	8,062	3,906	4,771	8,803	8,425	8,629	7,004
	2005	3,080	230,507	25,039	1,675	7,958	4,296	4,790	9,360	8,199	9,287	7,183
	2006	3,072	238,418	26,146	1,899	8,114	4,389	4,851	9,333	8,096	9,563	7,408
	2007	3,294	246,717	26,831	1,996	8,580	4,536	5,136	9,474	8,541	9,843	7,696
	2008	3,461	254,299	27,803	2,098	8,613	4,725	5,281	9,851	8,995	10,123	7,849
	# Change 04-08	506	31,672	3,974	538	551	819	510	1,048	570	1,494	845
	% Change 04-08	17.1%	14.2%	16.7%	34.5%	6.8%	21.0%	10.7%	11.9%	6.8%	17.3%	12.1%
Private Institutions	2004	6,920	110,659	7,954	1,630	6,495	2,078	1,796	14,104	2,389	10,062	1,546
	2005	7,030	112,141	7,314	1,581	7,703	2,326	1,797	14,050	2,216	10,409	1,794
	2006	7,597	117,387	6,941	1,608	8,228	2,450	1,614	14,191	2,151	11,139	1,815
	2007	7,634	122,696	6,993	1,843	7,982	2,448	1,556	15,253	2,204	11,414	1,930
	2008	8,223	128,229	8,037	1,941	7,688	2,624	1,718	15,743	2,102	12,077	2,008
	# Change 04-08	1,303	17,570	83	311	1,193	546	-78	1,639	-287	2,015	462
	% Change 04-08	18.8%	15.9%	1.0%	19.1%	18.4%	26.3%	-4.3%	11.6%	-12.0%	20.0%	29.9%
All Institutions	2004	9,875	333,286	31,783	3,190	14,557	5,984	6,567	22,907	10,814	18,691	8,550
	2005	10,110	342,648	32,353	3,256	15,661	6,622	6,587	23,410	10,415	19,696	8,977
	2006	10,669	355,805	33,087	3,507	16,342	6,839	6,465	23,524	10,247	20,702	9,223
	2007	10,928	369,413	33,824	3,839	16,562	6,984	6,692	24,727	10,745	21,257	9,626
	2008	11,684	382,528	35,840	4,039	16,301	7,349	6,999	25,594	11,097	22,200	9,857
	# Change 04-08	1,809	49,242	4,057	849	1,744	1,365	432	2,687	283	3,509	1,307
	% Change 04-08	18.3%	14.8%	12.8%	26.6%	12.0%	22.8%	6.6%	11.7%	2.6%	18.8%	15.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 716: Bachelor's Degrees in STEM Majors as a Percentage of all Bachelor's Degrees - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	21.4%	24.2%	22.5%	18.3%	25.1%	22.1%	22.1%	20.5%	29.2%	22.8%	25.2%
	2005	21.4%	24.2%	22.9%	19.0%	24.8%	23.6%	21.1%	20.3%	28.1%	23.5%	25.0%
	2006	21.0%	24.4%	23.2%	19.7%	25.2%	23.3%	21.0%	19.9%	27.6%	23.6%	24.8%
	2007	22.0%	24.7%	23.4%	20.4%	25.5%	23.6%	21.8%	19.7%	28.4%	23.9%	25.0%
	2008	22.5%	25.0%	23.5%	20.4%	25.2%	24.2%	22.1%	20.0%	28.2%	24.5%	24.9%
Private Institutions	2004	21.0%	21.2%	21.3%	18.6%	22.4%	18.5%	21.4%	21.6%	17.8%	24.9%	17.4%
	2005	21.4%	20.9%	19.1%	18.7%	23.1%	19.5%	20.2%	21.3%	16.8%	25.1%	19.0%
	2006	22.2%	21.1%	17.8%	18.0%	21.9%	20.5%	18.5%	21.7%	16.2%	26.1%	17.7%
	2007	22.0%	21.2%	17.6%	19.7%	20.7%	19.5%	17.3%	22.2%	16.1%	26.3%	17.9%
	2008	22.8%	21.5%	19.1%	20.7%	20.3%	20.2%	18.1%	22.6%	14.9%	27.2%	17.6%
All Institutions	2004	21.1%	23.1%	22.2%	18.4%	23.8%	20.7%	21.9%	21.2%	25.5%	23.9%	23.3%
	2005	21.4%	23.0%	21.9%	18.9%	23.9%	22.0%	20.9%	20.9%	24.6%	24.3%	23.5%
	2006	21.8%	23.2%	21.8%	18.9%	23.4%	22.2%	20.3%	20.9%	24.1%	24.9%	23.0%
	2007	22.0%	23.4%	21.9%	20.1%	23.0%	22.0%	20.6%	21.2%	24.5%	25.1%	23.1%
	2008	22.7%	23.7%	22.4%	20.5%	22.6%	22.6%	20.9%	21.5%	24.1%	25.9%	23.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 717: Number of Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	658	57,163	5,851	439	2,134	862	1,345	2,288	2,188	1,962	2,301
	2005	788	60,457	6,705	492	2,049	1,092	1,385	2,272	2,262	1,930	2,151
	2006	784	63,051	6,998	553	2,121	1,274	1,391	2,268	2,289	2,014	2,368
	2007	783	63,640	6,654	500	2,356	1,228	1,422	2,303	2,363	1,964	2,419
	2008	879	66,104	7,383	489	2,392	1,420	1,505	2,439	2,401	1,947	2,407
	# Change 04-08	221	8,941	1,532	50	258	558	160	151	213	-15	106
	% Change 04-08	33.6%	15.6%	26.2%	11.4%	12.1%	64.7%	11.9%	6.6%	9.7%	-0.8%	4.6%
Private Institutions	2004	4,062	41,793	4,267	1,293	2,271	736	823	6,929	623	3,772	264
	2005	4,215	43,343	4,142	1,486	2,842	947	971	7,033	532	3,950	279
	2006	4,105	46,229	4,504	1,436	3,121	960	957	7,201	584	4,094	272
	2007	4,434	49,237	4,677	1,391	3,072	1,410	982	7,456	801	4,524	350
	2008	4,579	52,533	5,216	1,445	3,200	1,967	951	7,328	818	4,820	584
	# Change 04-08	517	10,740	949	152	929	1,231	128	399	195	1,048	320
	% Change 04-08	12.7%	25.7%	22.2%	11.8%	40.9%	167.3%	15.6%	5.8%	31.3%	27.8%	121.2%
All Institutions	2004	4,720	98,956	10,118	1,732	4,405	1,598	2,168	9,217	2,811	5,734	2,565
	2005	5,003	103,800	10,847	1,978	4,891	2,039	2,356	9,305	2,794	5,880	2,430
	2006	4,889	109,280	11,502	1,989	5,242	2,234	2,348	9,469	2,873	6,108	2,640
	2007	5,217	112,877	11,331	1,891	5,428	2,638	2,404	9,759	3,164	6,488	2,769
	2008	5,458	118,637	12,599	1,934	5,592	3,387	2,456	9,767	3,219	6,767	2,991
	# Change 04-08	738	19,681	2,481	202	1,187	1,789	288	550	408	1,033	426
	% Change 04-08	15.6%	19.9%	24.5%	11.7%	26.9%	112.0%	13.3%	6.0%	14.5%	18.0%	16.6%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 718: Certificates Above Bachelor's Degrees and Master's Degrees in STEM Majors as a Percentage of all Certificates Above Bachelor's Degrees and Master's Degrees - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	14.4%	22.4%	26.9%	14.3%	22.4%	23.4%	22.9%	13.4%	29.4%	22.0%	26.4%
	2005	16.2%	22.6%	28.6%	14.5%	21.3%	25.7%	22.3%	14.0%	28.9%	22.1%	22.8%
	2006	16.1%	23.0%	28.3%	16.4%	21.7%	28.0%	22.1%	13.4%	28.2%	21.8%	23.7%
	2007	15.5%	23.1%	27.8%	15.3%	23.9%	26.7%	22.1%	13.7%	27.7%	20.5%	23.3%
	2008	16.2%	23.3%	27.6%	12.9%	23.8%	29.0%	23.6%	14.9%	27.2%	19.9%	22.8%
Private Institutions	2004	20.3%	15.7%	13.7%	26.2%	11.5%	9.8%	16.4%	17.0%	20.3%	24.7%	10.1%
	2005	20.7%	15.8%	14.1%	28.0%	12.2%	10.5%	18.0%	17.9%	17.5%	24.3%	9.8%
	2006	19.7%	15.7%	14.6%	27.3%	12.5%	8.7%	17.1%	17.1%	17.2%	24.2%	9.3%
	2007	21.5%	16.0%	15.1%	27.0%	12.3%	11.6%	16.9%	17.6%	22.1%	25.2%	10.0%
	2008	21.1%	16.4%	16.4%	28.7%	12.3%	14.4%	15.6%	17.9%	21.9%	25.4%	14.0%
All Institutions	2004	19.2%	19.0%	19.2%	21.6%	15.1%	14.3%	19.9%	15.9%	26.8%	23.7%	22.6%
	2005	19.8%	19.2%	20.6%	22.8%	14.8%	15.4%	20.3%	16.8%	25.7%	23.5%	19.8%
	2006	19.0%	19.2%	20.7%	23.1%	15.1%	14.3%	19.8%	16.1%	24.9%	23.4%	20.4%
	2007	20.3%	19.4%	20.7%	22.5%	15.5%	15.7%	19.7%	16.5%	26.1%	23.6%	19.9%
	2008	20.1%	19.7%	21.5%	22.0%	15.5%	18.2%	19.7%	17.0%	25.6%	23.5%	20.3%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 719: Number of Doctor's and First Professional Degrees in STEM Majors - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	264	28,450	2,263	249	997	686	891	1,172	843	1,338	938
	2005	265	30,259	2,304	229	1,010	750	855	1,209	869	1,317	977
	2006	220	31,336	2,457	283	1,047	748	872	1,237	874	1,446	1,049
	2007	279	33,530	2,624	279	1,255	816	867	1,245	926	1,419	1,066
	2008	254	35,096	2,823	283	1,108	791	982	1,304	982	1,546	1,105
	# Change 04-08	-10	6,646	560	34	111	105	91	132	139	208	167
	% Change 04-08	-3.8%	23.4%	24.7%	13.7%	11.1%	15.3%	10.2%	11.3%	16.5%	15.5%	17.8%
Private Institutions	2004	2,252	22,132	2,600	274	1,543	228	89	3,266	471	2,211	338
	2005	2,256	23,346	2,692	256	1,595	217	101	3,405	498	2,439	456
	2006	2,442	24,349	2,701	263	1,666	292	125	3,346	439	2,579	362
	2007	2,800	26,518	2,784	284	1,764	348	133	3,587	603	2,863	497
	2008	2,620	28,333	2,998	289	2,027	346	125	3,905	633	3,183	592
	# Change 04-08	368	6,201	398	15	484	118	36	639	162	972	254
	% Change 04-08	16.3%	28.0%	15.3%	5.5%	31.4%	51.8%	40.4%	19.6%	34.4%	44.0%	75.1%
All Institutions	2004	2,516	50,582	4,863	523	2,540	914	980	4,438	1,314	3,549	1,276
	2005	2,521	53,605	4,996	485	2,605	967	956	4,614	1,367	3,756	1,433
	2006	2,662	55,685	5,158	546	2,713	1,040	997	4,583	1,313	4,025	1,411
	2007	3,079	60,048	5,408	563	3,019	1,164	1,000	4,832	1,529	4,282	1,563
	2008	2,874	63,429	5,821	572	3,135	1,137	1,107	5,209	1,615	4,729	1,697
	# Change 04-08	358	12,847	958	49	595	223	127	771	301	1,180	421
	% Change 04-08	14.2%	25.4%	19.7%	9.4%	23.4%	24.4%	13.0%	17.4%	22.9%	33.2%	33.0%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Table III - 720: Doctor's and First Professional Degrees in STEM Majors as a Percentage of all Doctor's and First Professional Degrees - Resident Students (MASSIP 2009 Indicator 25)

Type	Year	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
Public Institutions	2004	64.2%	51.6%	49.5%	47.3%	55.3%	61.8%	56.4%	56.9%	53.9%	51.5%	42.2%
	2005	63.7%	52.6%	51.9%	41.6%	53.8%	61.6%	56.0%	57.7%	54.1%	50.9%	44.0%
	2006	61.3%	53.3%	52.8%	44.4%	55.3%	59.9%	58.2%	58.2%	54.3%	53.6%	45.7%
	2007	65.0%	54.7%	54.2%	46.7%	57.6%	60.4%	55.2%	58.4%	55.7%	53.0%	46.4%
	2008	67.0%	55.3%	54.1%	49.5%	56.2%	61.7%	57.0%	59.7%	54.8%	55.4%	45.5%
Private Institutions	2004	41.7%	35.1%	32.3%	31.0%	36.7%	17.0%	10.7%	36.8%	35.5%	57.0%	28.9%
	2005	40.1%	34.4%	30.4%	28.6%	35.9%	14.4%	10.0%	36.2%	36.0%	56.4%	31.4%
	2006	41.2%	35.3%	31.9%	29.1%	36.8%	16.3%	13.7%	35.9%	31.8%	57.5%	25.8%
	2007	44.3%	36.4%	31.0%	30.9%	36.5%	16.2%	13.7%	38.5%	38.8%	61.3%	30.7%
	2008	44.0%	38.7%	33.3%	33.3%	41.5%	15.2%	14.1%	40.5%	41.5%	66.3%	34.1%
All Institutions	2004	43.3%	42.8%	38.5%	37.1%	42.2%	37.2%	40.6%	40.6%	45.5%	54.8%	37.6%
	2005	41.7%	42.7%	37.6%	33.6%	41.2%	35.6%	37.7%	40.2%	45.7%	54.4%	39.0%
	2006	42.3%	43.6%	39.3%	35.4%	42.3%	34.3%	41.3%	40.0%	43.9%	56.1%	38.2%
	2007	45.6%	44.8%	39.1%	37.1%	43.1%	33.3%	39.4%	42.2%	47.6%	58.3%	39.9%
	2008	45.4%	46.4%	40.9%	39.7%	45.7%	31.9%	42.4%	44.1%	48.7%	62.3%	40.8%

Data Source: National Center for Education Statistics: Integrated Post-Secondary Education Data System.

Summary

In 2008, 44.5% of all Associate's Degrees and Certificates below Bachelor's Degrees granted in Massachusetts were in all STEM majors. This percentage was higher than the national average (39.9%) and higher than in eight of the nine comparison states (Virginia had the highest percentage at 55.8%). Among female students in Massachusetts, the percentage was 48.6%. This was higher than the national average among female students (46.6%) and higher than in five of the comparison states (Virginia had the highest percentage among female students at 59.5%). Among male students in Massachusetts, the percentage was 35.9%. This was higher than the national average among male students (29.1%) and higher than in eight of the comparison states (Virginia had the highest percentage among male students at 48.5%). Among Asian students in Massachusetts, the percentage was 34.6%. This was lower than the national average among Asian students (38.4%) and lower than in seven of the comparison states (New Jersey had the highest percentage among Asian students at 55.1%). Among Black students in Massachusetts, the percentage was 49.8%. This was higher than the national average among Black students (44.6%) and higher than in seven of the comparison states (Virginia had the highest percentage among Black students at 64.6%). Among Hispanic students in Massachusetts, the percentage was 41.1%. This was higher than the national average among Hispanic students (40.9%) and higher than in seven of the comparison states (Virginia had the highest percentage among Hispanic students at 48.3%). Among White students in Massachusetts, the percentage was 41.5%. This was higher than the national average among White students (39.2%) and higher than in six of the comparison states (Virginia had the highest percentage among White students at 53.2%).

In 2008, female students earned 74.4% of the Associate's Degrees and Certificates below Bachelor's degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 72.1% for degrees earned by female students and higher than the percentage in six of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 76.9%). Male students earned 25.6% of the Associate's Degrees and Certificates below Bachelor's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 27.9% for degrees earned by male students and lower than the percentage in six of the comparison states (North Carolina and Virginia had the highest percentage of degrees earned by male students at 29.2%). Asian students earned 3.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 4.4% for degrees earned by Asian students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 16.5%). Black students earned 10.9% of the Associate's Degrees and Certificates below Bachelor's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 16.4% for degrees earned by Black students and lower than the percentage in seven of the comparison states (Virginia had the highest percentage of degrees earned by Black students at 31.0%). Hispanic students earned 8.3% of the Associate's Degrees and Certificates below Bachelor's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 15.1% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 32.8%). White students earned 58.0% of the Associate's Degrees and Certificates below Bachelor's Degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 55.8% for degrees earned by White students and higher than the percentage in five of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 81.1%).

In 2008, 22.6% of all Bachelor's degrees granted in Massachusetts were in all STEM majors. This percentage was lower than the national average (23.8%) and lower than the percentage in five of the nine comparison states (Pennsylvania had the highest percentage at 26.0%). Among female students in Massachusetts, the percentage was 20.4%. This was lower than the national average among female students (21.0%) but higher than in six of the comparison states (Pennsylvania had the highest percentage among female students at 23.5%). Among male students in Massachusetts, the percentage was 25.8%. This was lower than the national average among male students (27.6%) and lower than in six of the comparison states (Pennsylvania had the highest percentage among male



students at 29.3%). Among Asian students in Massachusetts, the percentage was 34.8%. This was higher than the national average among Asian students (34.4%) but lower than in five of the comparison states (New Jersey had the highest percentage among Asian students at 43.6%). Among Black students in Massachusetts, the percentage was 20.5%. This was higher than the national average among Black students (20.3%) and higher than in six of the comparison states (New York had the highest percentage among Black students at 21.8%). Among Hispanic students in Massachusetts, the percentage was 20.2%. This was equal to the national average among Hispanic students (20.2%) but higher than in seven of the comparison states (North Carolina had the highest percentage among Hispanic students at 22.4%). Among White students in Massachusetts, the percentage was 21.9%. This was lower than the national average among White students (23.6%) and lower than in five of the comparison states (Pennsylvania had the highest percentage among White students at 26.0%).

In 2008, female students earned 52.2% of the Bachelor's degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 50.6% for degrees earned by female students and higher than the percentage in seven of the nine comparison states (Connecticut had the highest percentage of degrees earned by female students at 54.3%). Male students earned 47.8% of the Bachelor's degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 49.4% for degrees earned by male students and lower than the percentage in seven of the comparison states (California had the highest percentage of degrees earned by male students at 54.0%). Asian students earned 11.1% of the Bachelor's degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 9.4% for degrees earned by Asian students and higher than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Asian students at 31.6%). Black students earned 5.0% of the Bachelor's degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 7.5% for degrees earned by Black students and lower than the percentage in six of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 15.0%). Hispanic students earned 4.4% of the Bachelor's degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 7.0% for degrees earned by Hispanic students but higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 12.5%). White students earned 64.3% of the Bachelor's degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 66.3% for degrees earned by White students and lower than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 80.7%).

In 2008, 22.1% of all Certificates above Bachelor's Degrees and Master's Degrees granted in Massachusetts were in all STEM majors. This percentage was equal to the national average (22.1%) but lower than the percentage in six of the nine comparison states (North Carolina had the highest percentage at 27.5%). Among female students in Massachusetts, the percentage was 18.9%. This was lower than the national average among female students (19.3%) and lower than in five of the comparison states (North Carolina had the highest percentage among female students at 27.0%). Among male students in Massachusetts, the percentage was 27.1%. This was higher than the national average among male students (26.4%) but lower than in six of the comparison states (Connecticut had the highest percentage among male students at 30.9%). Among Asian students in Massachusetts, the percentage was 35.1%. This was higher than the national average among Asian students (33.6%) but lower than in six of the comparison states (Virginia had the highest percentage among Asian students at 51.6%). Among Black students in Massachusetts, the percentage was 10.7%. This was lower than the national average among Black students (15.3%) and lower than in all of the comparison states (North Carolina had the highest percentage among Black students at 23.9%). Among Hispanic students in Massachusetts, the percentage was 17.2%. This was lower than the national average among Hispanic students (17.9%) and lower than in five of the comparison states (North Carolina had the highest percentage among Hispanic students at 26.6%). Among White students in Massachusetts, the percentage was 19.6%. This was lower than the national average among White students (19.8%) but higher than in five of the comparison states (North Carolina had the highest percentage among White students at 25.6%).



In 2008, female students earned 64.8% of the Certificates above Bachelor's Degrees and Master's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 52.9% for degrees earned by female students and lower than the percentage in five of the nine comparison states (Minnesota had the highest percentage of degrees earned by female students at 63.1%). Male students earned 47.6% of the Certificates above Bachelor's Degrees and Master's Degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 47.1% for degrees earned by male students and higher than the percentage in five of the comparison states (Virginia had the highest percentage of degrees earned by male students at 53.5%). Asian students earned 8.4% of the Certificates above Bachelor's Degrees and Master's Degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 7.9% for degrees earned by Asian students and higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Asian students at 19.4%). Black students earned 2.8% of the Certificates above Bachelor's Degrees and Master's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 6.3% for degrees earned by Black students and lower than the percentage in all of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 12.6%). Hispanic students earned 2.4% of the Certificates above Bachelor's Degrees and Master's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 4.7% for degrees earned by Hispanic students and lower than the percentage in six of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 7.0%). White students earned 45.7% of the Certificates above Bachelor's Degrees and Master's Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 51.6% for degrees earned by White students and lower than the percentage in six of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 66.8%).

In 2008, 48.9% of all Doctor's and First Professional Degrees granted in Massachusetts were in all STEM majors. This percentage was lower than the national average (49.2%) but higher than the percentage in seven of the nine comparison states (Pennsylvania had the highest percentage at 63.1%). Among female students in Massachusetts, the percentage was 48.4%. This was lower than the national average among female students (49.0%) but higher than in seven of the comparison states (Pennsylvania had the highest percentage among female students at 65.5%). Among male students in Massachusetts, the percentage was 49.5%. This was higher than the national average among male students (49.3%) and higher than in seven of the comparison states (Pennsylvania had the highest percentage among male students at 60.4%). Among Asian students in Massachusetts, the percentage was 68.4%. This was higher than the national average among Asian students (64.8%) and higher than in six of the comparison states (Pennsylvania had the highest percentage among Asian students at 80.4%). Among Black students in Massachusetts, the percentage was 42.7%. This was higher than the national average among Black students (35.4%) and higher than in eight of the comparison states (Pennsylvania had the highest percentage among Black students at 49.5%). Among Hispanic students in Massachusetts, the percentage was 41.9%. This was higher than the national average among Hispanic students (38.8%) and higher than in seven of the comparison states (Pennsylvania had the highest percentage among Hispanic students at 59.0%). Among White students in Massachusetts, the percentage was 41.9%. This was lower than the national average among White students (46.4%) but higher than in five of the comparison states (Pennsylvania had the highest percentage among White students at 61.9%).

In 2008, female students earned 50.4% of the Doctor's and First Professional Degrees in all STEM majors granted in Massachusetts. This was higher than the national average of 50.2% for degrees earned by female students but lower than the percentage in five of the nine comparison states (Pennsylvania had the highest percentage of degrees earned by female students at 54.8%). Male students earned 49.6% of the Doctor's and First Professional Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 49.8% for degrees earned by male students but higher than the percentage in five of the comparison states (California had the highest percentage of degrees earned by male students at 53.5%). Asian students earned 16.1% of the Doctor's and First Professional Degrees in all STEM majors granted in Massachusetts. This was



higher than the national average of 12.1% for degrees earned by Asian students and higher than the percentage in five of the comparison states (New Jersey had the highest percentage of degrees earned by Asian students at 23.6%). Black students earned 3.7% of the Doctor's and First Professional Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 4.3% for degrees earned by Black students and lower than the percentage in five of the comparison states (North Carolina had the highest percentage of degrees earned by Black students at 7.5%). Hispanic students earned 2.8% of the Doctor's and First Professional Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 4.0% for degrees earned by Hispanic students and lower than the percentage in five of the comparison states (California had the highest percentage of degrees earned by Hispanic students at 4.5%). White students earned 44.7% of the Doctor's and First Professional Degrees in all STEM majors granted in Massachusetts. This was lower than the national average of 56.3% for degrees earned by White students and lower than the percentage in seven of the comparison states (Minnesota had the highest percentage of degrees earned by White students at 68.1%).

Technical Notes

The Integrated Post-Secondary Education Data System (IPEDS) is maintained by the National Center for Education Statistics (NCES—a division of the U.S. Department of Education) and annually collects data from every college, university, and technical and vocational institution that participates in U.S. federal student financial aid programs (such as Pell grants and federal student loans). The Higher Education Act of 1965, as amended, requires that institutions that participate in federal student aid programs report data on enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid. The home page for NCES is: <http://www.nces.ed.gov/>. The home page for IPEDS is: <http://nces.ed.gov/ipeds/>.

***Massachusetts Statewide STEM
Indicators Project (MASSIP)***

2009 Report

**Section IV:
STEM
Employment**



Indicator 26: STEM employment

Table IV - 1: Number of People Employed in All Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	3,125,930	128,127,360	14,534,620	1,633,350	5,719,070	2,602,230	3,881,440	8,248,470	3,722,700	5,507,880	3,451,890
2005	3,144,540	130,307,840	14,723,900	1,648,070	5,767,100	2,635,370	3,917,310	8,333,460	3,809,690	5,569,310	3,535,500
2006	3,170,490	132,604,980	15,065,750	1,658,980	5,826,660	2,682,940	3,957,500	8,387,750	3,892,670	5,631,520	3,608,430
2007	3,207,840	134,354,250	15,202,530	1,682,220	5,894,670	2,687,740	3,980,080	8,515,960	4,013,460	5,663,070	3,645,330
2008	3,234,860	135,185,230	15,212,610	1,697,810	5,910,630	2,704,860	3,986,310	8,633,580	4,063,420	5,705,170	3,670,980
# Change	108,930	7,057,870	677,990	64,460	191,560	102,630	104,870	385,110	340,720	197,290	219,090
% Change	3.5%	5.5%	4.7%	3.9%	3.3%	3.9%	2.7%	4.7%	9.2%	3.6%	6.3%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 2: Number of People Employed in STEM Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	481,950	15,649,510	1,691,720	225,950	654,340	348,760	491,960	1,030,240	452,030	713,930	467,890
2005	493,570	15,998,820	1,708,960	232,450	671,500	349,820	503,530	1,055,960	458,490	727,540	487,280
2006	507,480	16,481,430	1,751,790	231,660	678,420	359,840	511,710	1,090,800	482,370	757,500	504,140
2007	526,720	16,975,530	1,799,280	233,780	690,130	376,860	523,260	1,140,950	513,280	774,840	519,210
2008	541,170	17,507,940	1,864,400	235,950	706,300	394,500	542,050	1,146,050	540,330	800,450	533,020
# Change	59,220	1,858,430	172,680	10,000	51,960	45,740	50,090	115,810	88,300	86,520	65,130
% Change	12.3%	11.9%	10.2%	4.4%	7.9%	13.1%	10.2%	11.2%	19.5%	12.1%	13.9%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 3: Percentage of People Employed in STEM Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	15.4%	12.2%	11.6%	13.8%	11.4%	13.4%	12.7%	12.5%	12.1%	13.0%	13.6%
2005	15.7%	12.3%	11.6%	14.1%	11.6%	13.3%	12.9%	12.7%	12.0%	13.1%	13.8%
2006	16.0%	12.4%	11.6%	14.0%	11.6%	13.4%	12.9%	13.0%	12.4%	13.5%	14.0%
2007	16.4%	12.6%	11.8%	13.9%	11.7%	14.0%	13.1%	13.4%	12.8%	13.7%	14.2%
2008	16.7%	13.0%	12.3%	13.9%	11.9%	14.6%	13.6%	13.3%	13.3%	14.0%	14.5%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.



Table IV - 4: Number of People Employed in Architecture & Engineering Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	73,160	2,372,770	319,420	37,290	89,150	51,810	57,810	105,190	51,390	88,560	75,070
2005	73,800	2,382,480	320,980	36,220	87,870	54,130	57,000	104,230	52,570	91,490	78,710
2006	74,130	2,430,250	324,780	35,060	82,850	52,390	56,210	108,130	53,420	93,950	80,070
2007	76,140	2,486,020	334,030	35,030	83,300	51,910	58,660	108,200	56,950	95,620	81,880
2008	77,030	2,521,630	328,910	35,310	84,280	51,890	59,240	116,150	57,180	98,110	84,230
# Change	3,870	148,860	9,490	-1,980	-4,870	80	1,430	10,960	5,790	9,550	9,160
% Change	5.3%	6.3%	3.0%	-5.3%	-5.5%	0.2%	2.5%	10.4%	11.3%	10.8%	12.2%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 5: Percentage of People Employed in Architecture & Engineering Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2.3%	1.9%	2.2%	2.3%	1.6%	2.0%	1.5%	1.3%	1.4%	1.6%	2.2%
2005	2.3%	1.8%	2.2%	2.2%	1.5%	2.1%	1.5%	1.3%	1.4%	1.6%	2.2%
2006	2.3%	1.8%	2.2%	2.1%	1.4%	2.0%	1.4%	1.3%	1.4%	1.7%	2.2%
2007	2.4%	1.9%	2.2%	2.1%	1.4%	1.9%	1.5%	1.3%	1.4%	1.7%	2.2%
2008	2.4%	1.9%	2.2%	2.1%	1.4%	1.9%	1.5%	1.3%	1.4%	1.7%	2.3%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 6: Number of People Employed in Computer & Mathematical Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	106,690	2,915,300	382,290	46,290	132,780	70,250	117,780	174,460	79,210	106,630	157,510
2005	110,190	2,952,740	384,580	47,810	133,250	69,540	117,820	185,330	78,020	107,580	166,640
2006	113,890	3,076,200	391,960	46,360	136,450	74,630	119,890	193,190	82,190	114,090	176,240
2007	116,270	3,191,360	394,840	47,330	142,820	77,660	125,620	208,970	84,800	119,900	178,180
2008	121,680	3,308,260	412,680	46,410	144,720	81,800	135,050	209,490	91,000	123,330	178,720
# Change	14,990	392,960	30,390	120	11,940	11,550	17,270	35,030	11,790	16,700	21,210
% Change	14.1%	13.5%	7.9%	0.3%	9.0%	16.4%	14.7%	20.1%	14.9%	15.7%	13.5%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 7: Percentage of People Employed in Computer & Mathematical Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	3.4%	2.3%	2.6%	2.8%	2.3%	2.7%	3.0%	2.1%	2.1%	1.9%	4.6%
2005	3.5%	2.3%	2.6%	2.9%	2.3%	2.6%	3.0%	2.2%	2.0%	1.9%	4.7%
2006	3.6%	2.3%	2.6%	2.8%	2.3%	2.8%	3.0%	2.3%	2.1%	2.0%	4.9%
2007	3.6%	2.4%	2.6%	2.8%	2.4%	2.9%	3.2%	2.5%	2.1%	2.1%	4.9%
2008	3.8%	2.4%	2.7%	2.7%	2.4%	3.0%	3.4%	2.4%	2.2%	2.2%	4.9%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.



Table IV - 8: Number of People Employed in Healthcare Practitioner & Technical Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	184,890	6,359,380	583,240	87,220	286,220	138,550	186,440	437,020	187,750	327,080	150,890
2005	193,290	6,547,350	594,290	89,030	296,500	138,810	197,410	435,660	191,430	334,010	156,330
2006	197,320	6,713,780	615,630	89,820	297,370	142,160	201,670	444,180	198,840	342,010	159,520
2007	206,410	6,877,680	634,760	89,850	301,930	147,650	199,640	452,980	209,670	342,150	165,910
2008	208,500	7,076,800	654,980	91,560	308,950	153,350	198,770	462,470	218,200	349,790	171,880
# Change	23,610	717,420	71,740	4,340	22,730	14,800	12,330	25,450	30,450	22,710	20,990
% Change	12.8%	11.3%	12.3%	5.0%	7.9%	10.7%	6.6%	5.8%	16.2%	6.9%	13.9%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 9: Percentage of People Employed in Healthcare Practitioner & Technical Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	5.9%	5.0%	4.0%	5.3%	5.0%	5.3%	4.8%	5.3%	5.0%	5.9%	4.4%
2005	6.1%	5.0%	4.0%	5.4%	5.1%	5.3%	5.0%	5.2%	5.0%	6.0%	4.4%
2006	6.2%	5.1%	4.1%	5.4%	5.1%	5.3%	5.1%	5.3%	5.1%	6.1%	4.4%
2007	6.4%	5.1%	4.2%	5.3%	5.1%	5.5%	5.0%	5.3%	5.2%	6.0%	4.6%
2008	6.4%	5.2%	4.3%	5.4%	5.2%	5.7%	5.0%	5.4%	5.4%	6.1%	4.7%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 10: Number of People Employed in Healthcare Support Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	91,670	3,271,350	312,630	47,460	124,760	73,180	101,850	275,990	107,120	160,300	69,250
2005	90,160	3,363,800	311,570	50,000	130,200	72,770	104,740	292,270	117,390	164,510	68,400
2006	94,700	3,483,270	318,080	51,510	137,740	77,290	106,650	308,290	126,360	175,450	70,630
2007	97,660	3,625,240	331,290	53,400	140,220	84,010	109,660	324,310	136,020	185,990	75,590
2008	100,040	3,779,280	350,910	54,110	145,030	91,080	116,810	313,210	146,300	195,080	81,520
# Change	8,370	507,930	38,280	6,650	20,270	17,900	14,960	37,220	39,180	34,780	12,270
% Change	9.1%	15.5%	12.2%	14.0%	16.2%	24.5%	14.7%	13.5%	36.6%	21.7%	17.7%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Table IV - 11: Percentage of People Employed in Healthcare Support Occupations - All Employed Individuals (MASSIP 2009 Indicator 26)

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	2.9%	2.6%	2.2%	2.9%	2.2%	2.8%	2.6%	3.3%	2.9%	2.9%	2.0%
2005	2.9%	2.6%	2.1%	3.0%	2.3%	2.8%	2.7%	3.5%	3.1%	3.0%	1.9%
2006	3.0%	2.6%	2.1%	3.1%	2.4%	2.9%	2.7%	3.7%	3.2%	3.1%	2.0%
2007	3.0%	2.7%	2.2%	3.2%	2.4%	3.1%	2.8%	3.8%	3.4%	3.3%	2.1%
2008	3.1%	2.8%	2.3%	3.2%	2.5%	3.4%	2.9%	3.6%	3.6%	3.4%	2.2%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.



**Table IV - 12: Number of People Employed in Life & Physical Sciences Occupations - All Employed Individuals
(MASSIP 2009 Indicator 26)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	25,540	730,710	94,140	7,690	21,430	14,970	28,080	37,580	26,560	31,360	15,170
2005	26,130	752,450	97,540	9,390	23,680	14,570	26,560	38,470	19,080	29,950	17,200
2006	27,440	777,930	101,340	8,910	24,010	13,370	27,290	37,010	21,560	32,000	17,680
2007	30,240	795,230	104,360	8,170	21,860	15,630	29,680	46,490	25,840	31,180	17,650
2008	33,920	821,970	116,920	8,560	23,320	16,380	32,180	44,730	27,650	34,140	16,670
# Change	8,380	91,260	22,780	870	1,890	1,410	4,100	7,150	1,090	2,780	1,500
% Change	32.8%	12.5%	24.2%	11.3%	8.8%	9.4%	14.6%	19.0%	4.1%	8.9%	9.9%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

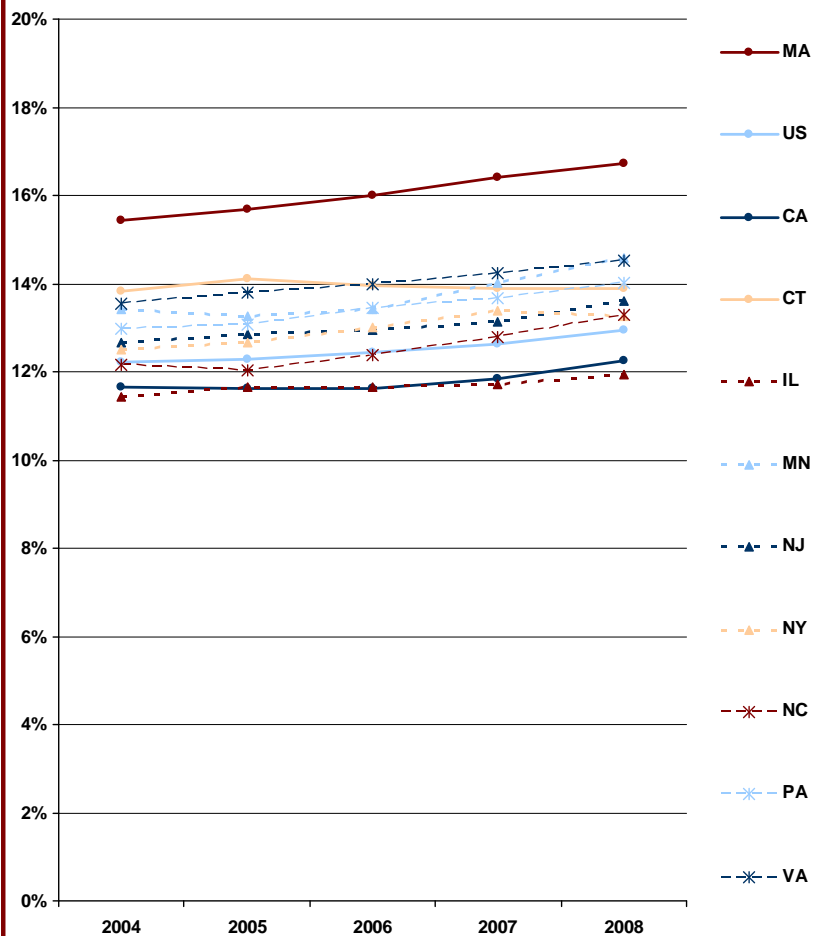
**Table IV - 13: Percentage of People Employed in Life & Physical Sciences Occupations - All Employed Individuals
(MASSIP 2009 Indicator 26)**

	MA	US	CA	CT	IL	MN	NJ	NY	NC	PA	VA
2004	0.8%	0.6%	0.6%	0.5%	0.4%	0.6%	0.7%	0.5%	0.7%	0.6%	0.4%
2005	0.8%	0.6%	0.7%	0.6%	0.4%	0.6%	0.7%	0.5%	0.5%	0.5%	0.5%
2006	0.9%	0.6%	0.7%	0.5%	0.4%	0.5%	0.7%	0.4%	0.6%	0.6%	0.5%
2007	0.9%	0.6%	0.7%	0.5%	0.4%	0.6%	0.7%	0.5%	0.6%	0.6%	0.5%
2008	0.8%	0.5%	0.6%	0.5%	0.4%	0.6%	0.7%	0.4%	0.7%	0.5%	0.4%

Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

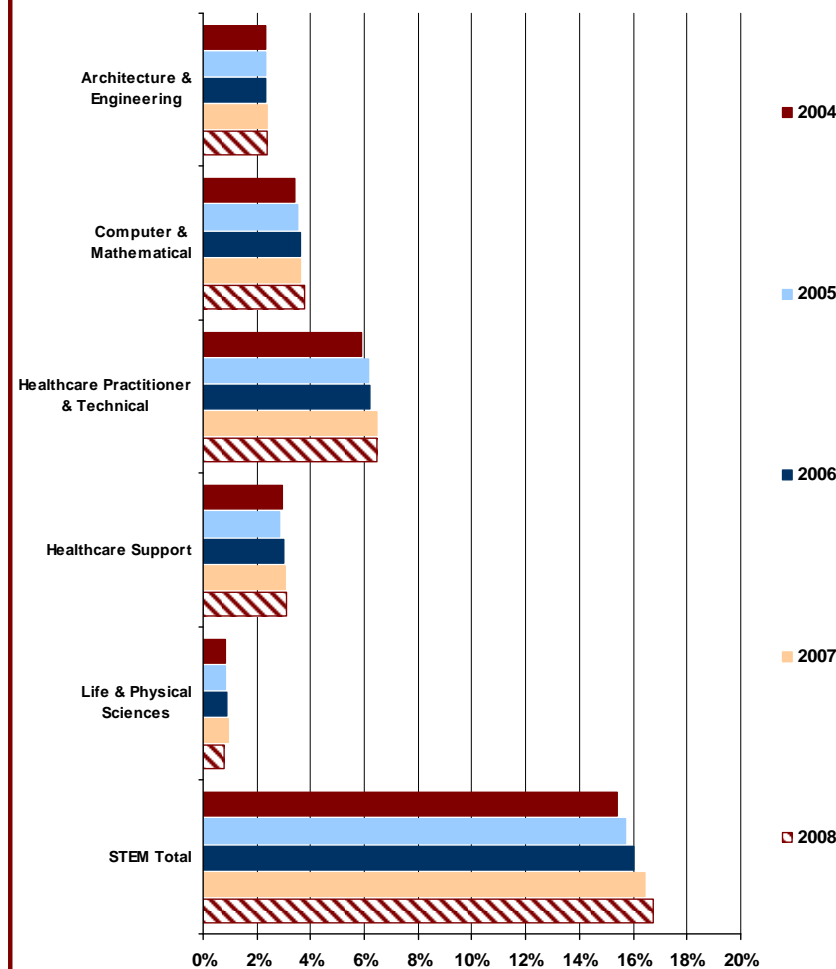


Chart IV - 1: Percentage of People Employed in STEM Occupations -- All Employed Individuals (MASSIP 2009 Indicator 26)



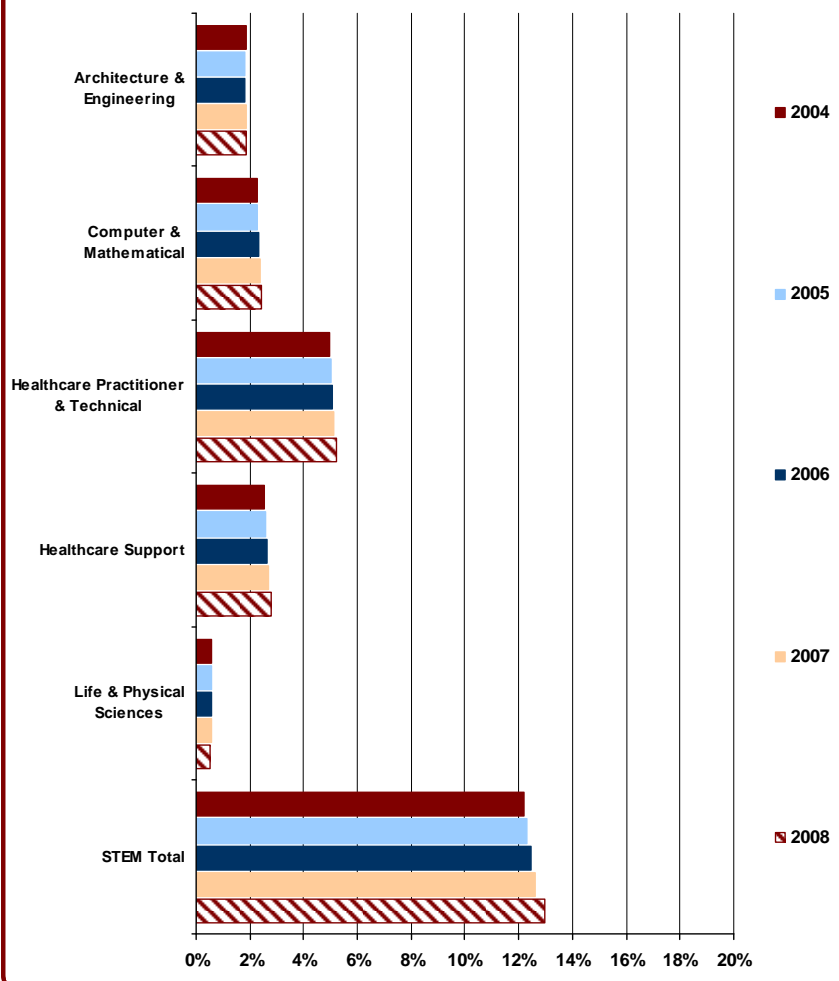
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 2: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - Massachusetts (MASSIP 2009 Indicator 15)



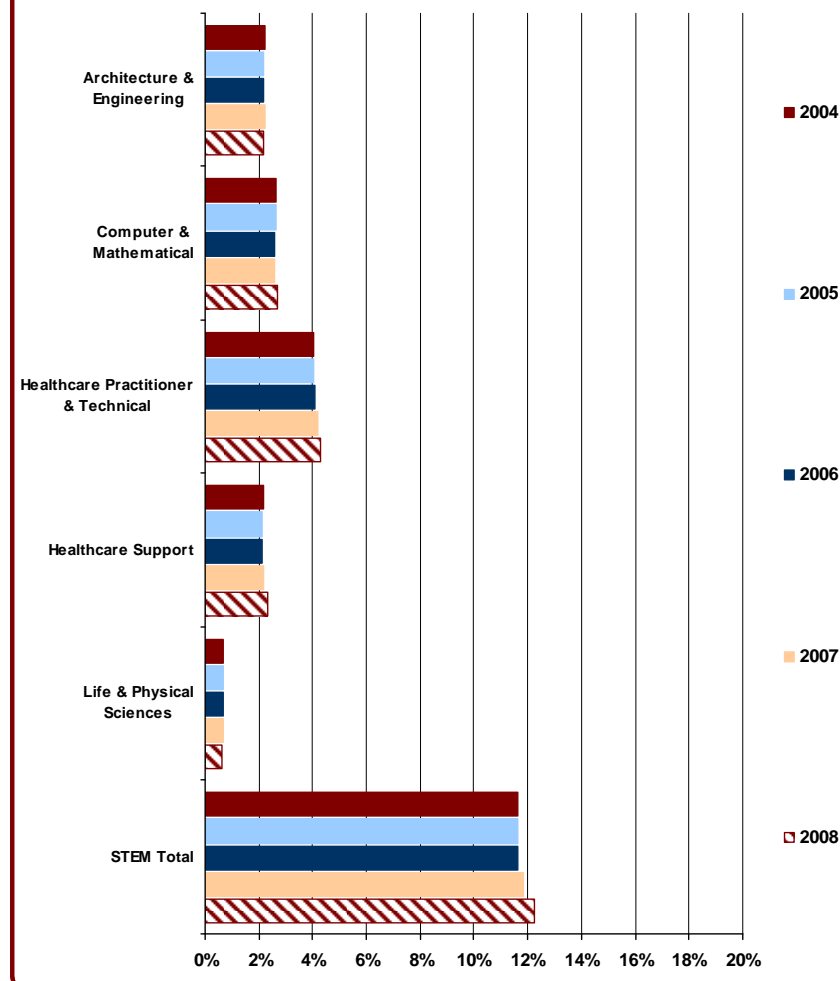
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 3: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - United States (MASSIP 2009 Indicator 15)



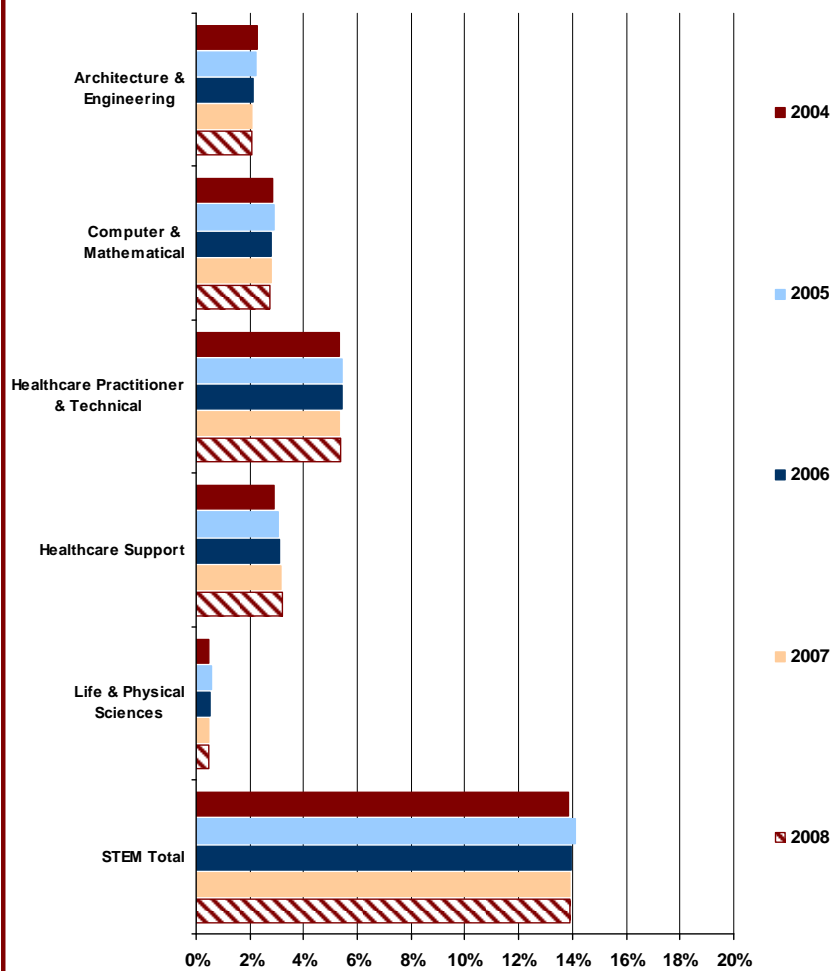
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 4: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - California (MASSIP 2009 Indicator 15)



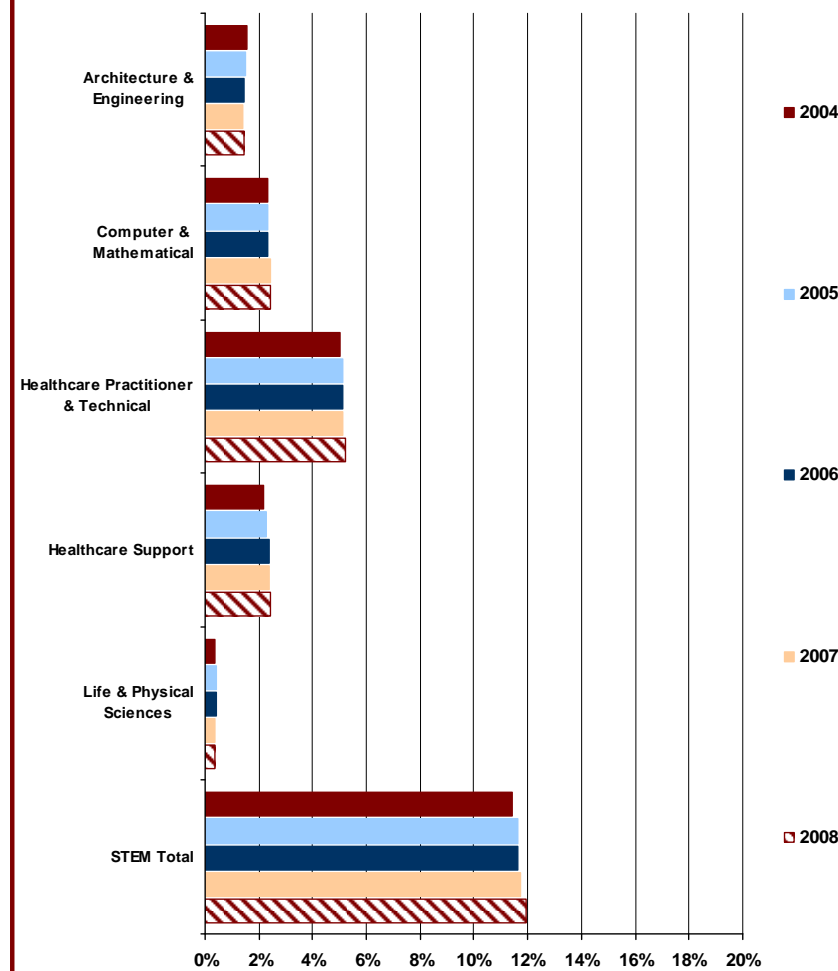
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 5: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - Connecticut (MASSIP 2009 Indicator 15)



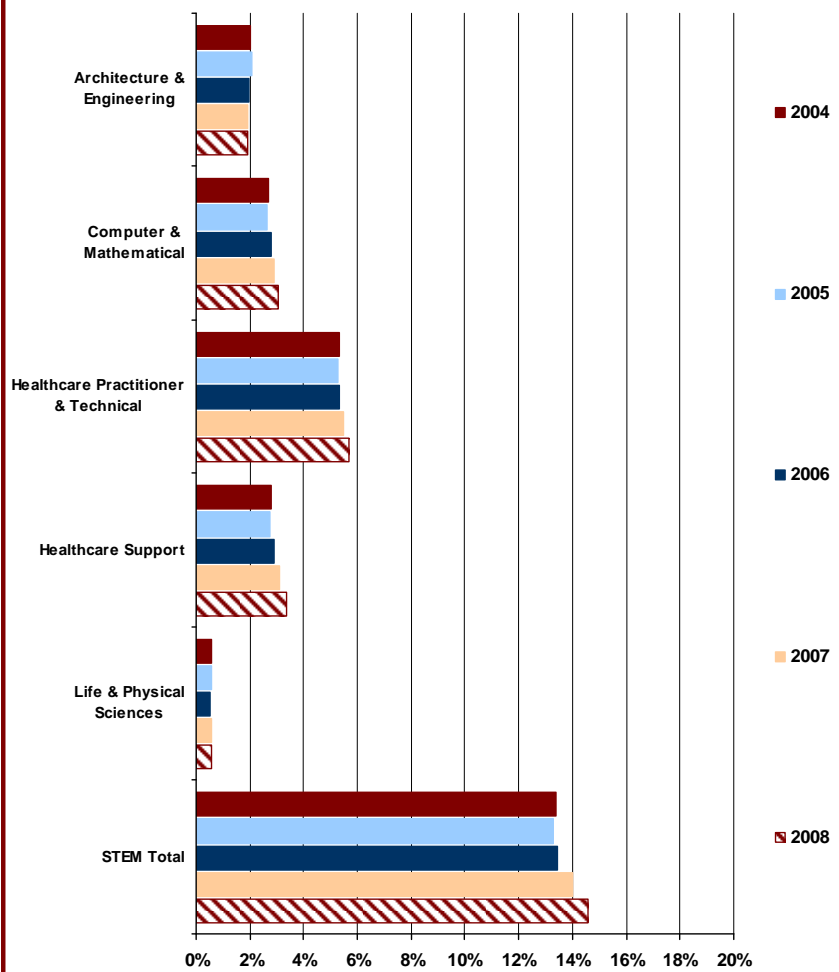
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 6: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - Illinois (MASSIP 2009 Indicator 15)



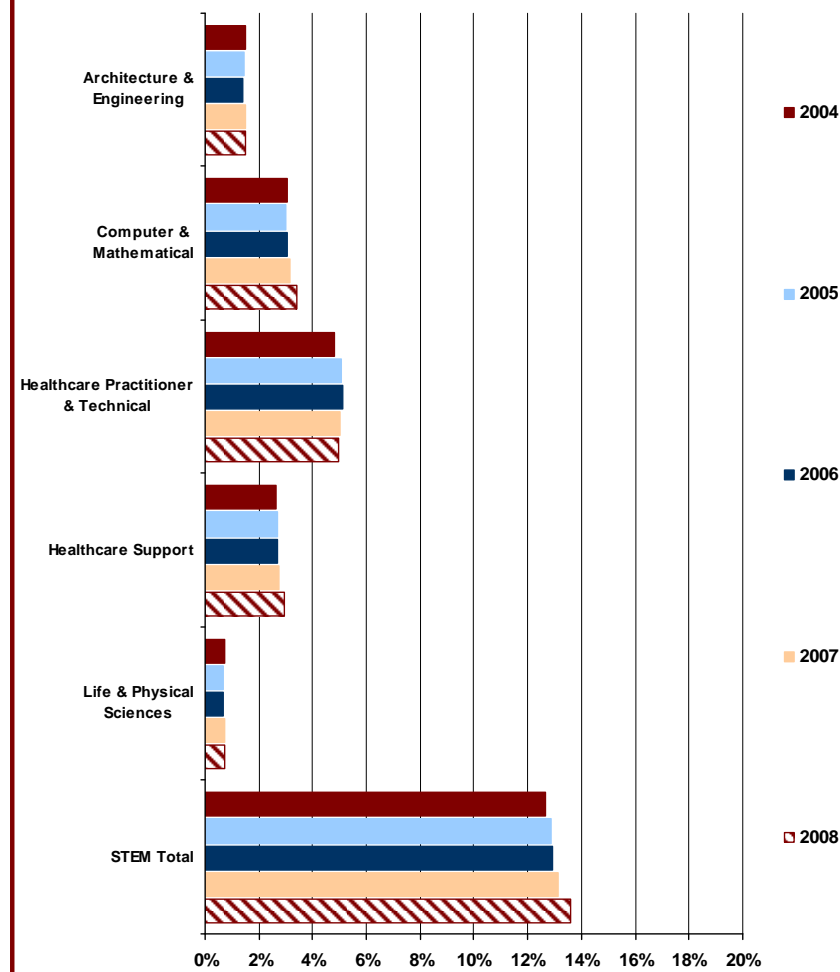
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 7: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - Minnesota (MASSIP 2009 Indicator 15)



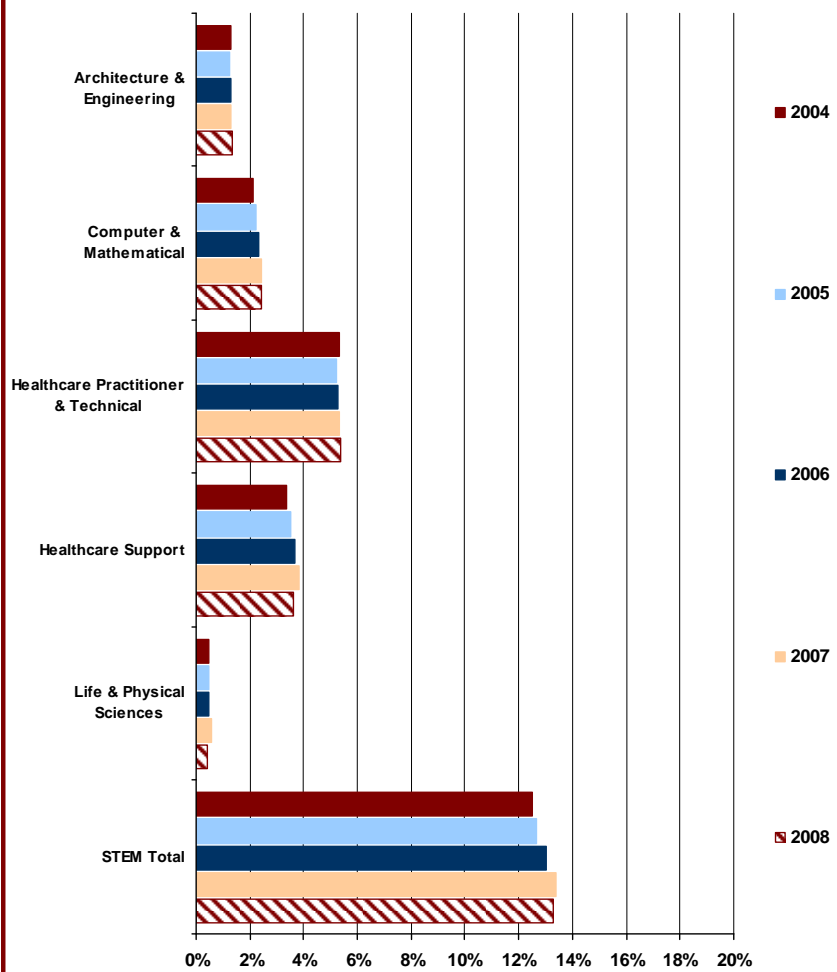
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 8: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - New Jersey (MASSIP 2009 Indicator 15)



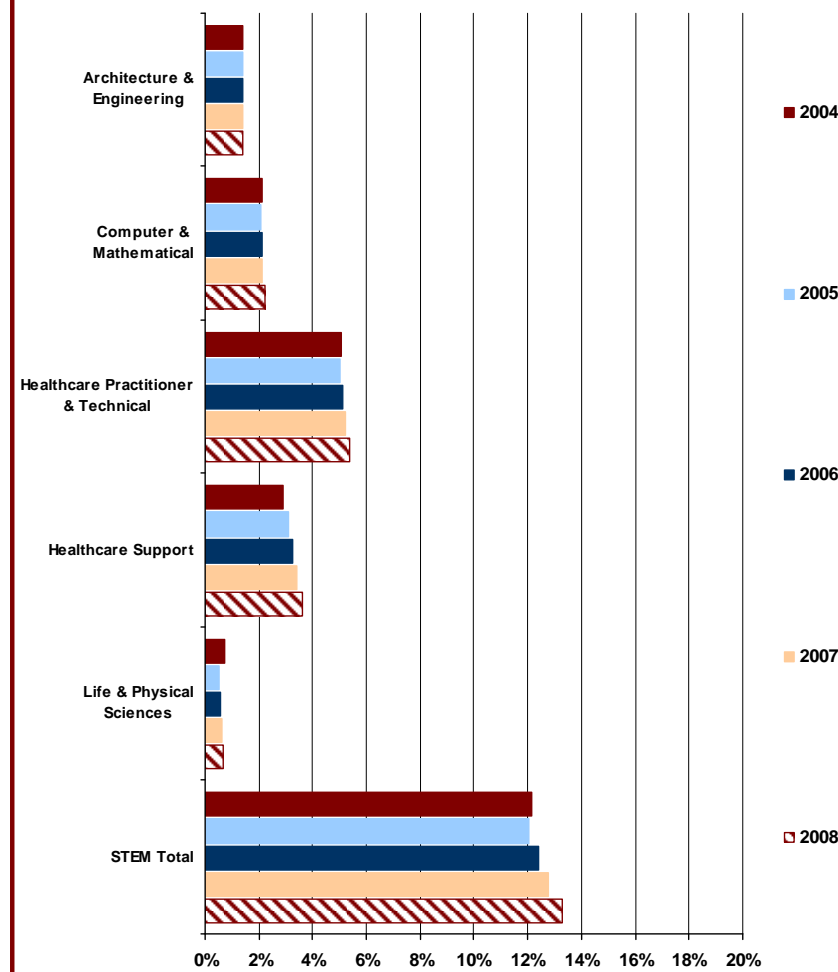
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 9: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - New York (MASSIP 2009 Indicator 15)



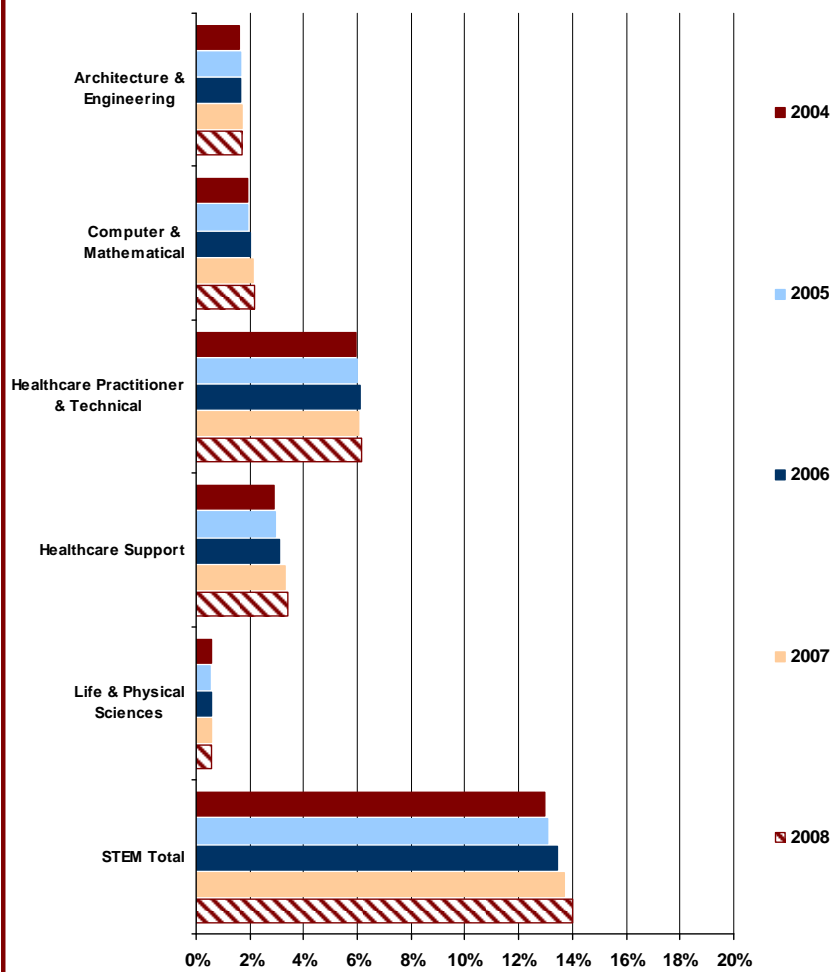
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 10: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - North Carolina (MASSIP 2009 Indicator 15)



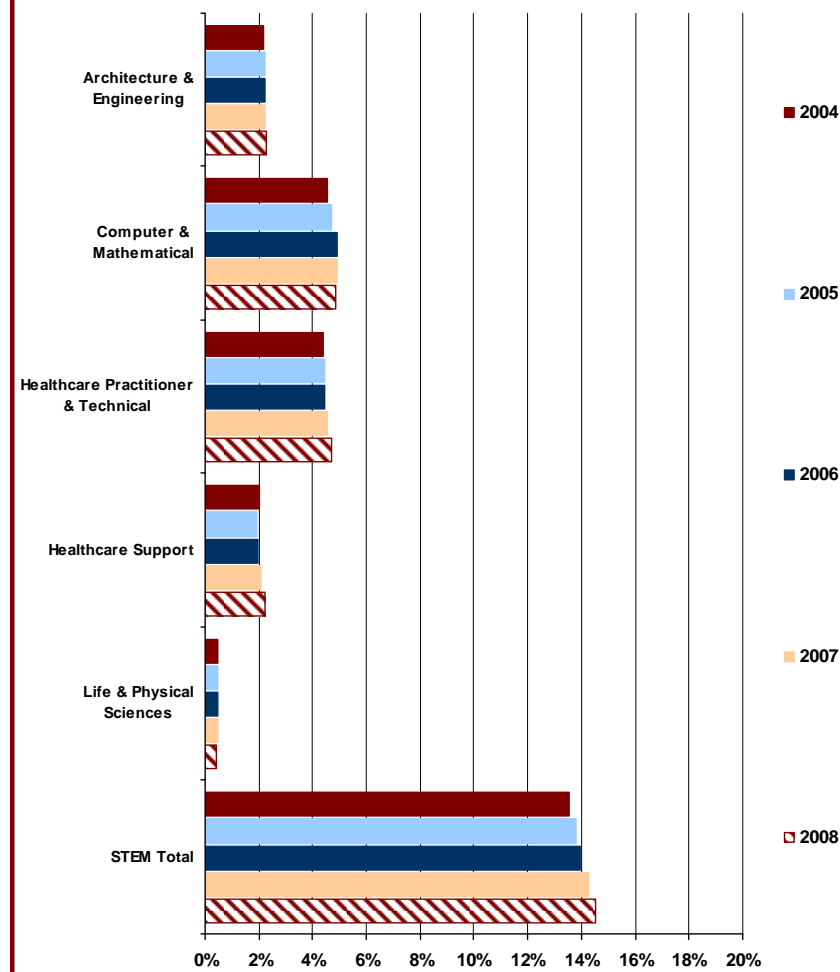
Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 11: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - Pennsylvania (MASSIP 2009 Indicator 15)



Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Chart IV - 12: Percentage of People Employed in STEM Occupational Areas Among All Employed Individuals - Virginia (MASSIP 2009 Indicator 15)



Data Source: Bureau of Labor Statistics: Occupational Employment Statistics.

Summary

In 2008, 16.7% of all employed people in Massachusetts were employed in STEM occupations (up from 16.4% in 2007). This was higher than the national average of 13.0% in 2008 (up from 12.6% in 2007) and higher than percentage in all nine comparison states. In 2008, 2.4% of all employed people in Massachusetts were employed in Architecture and Engineering occupations (same as in 2007). This was higher than the national average of 1.9% in 2008 (same as in 2007) and higher than percentage in all nine comparison states. In 2008, 3.8% of all employed people in Massachusetts were employed in Computer and Mathematical occupations (up from 3.6% in 2007). This was higher than the national average of 2.4% in 2008 (same as in 2007) and higher than percentage in eight of the comparison states (Virginia had the highest percentage of people employed in Computer and Mathematical occupations in 2008 at 4.9%). In 2008, 6.4% of all employed people in Massachusetts were employed in Healthcare Practitioner and Technical occupations (same as in 2007). This was higher than the national average of 5.2% in 2008 (up from 5.1% in 2007) and higher than percentage in all nine comparison states. In 2008, 3.1% of all employed people in Massachusetts were employed in Healthcare Support occupations (up from 3.0% in 2007). This was higher than the national average of 2.8% in 2008 (up from 2.7% in 2007) but lower than percentage in five of the comparison states (New York and North Carolina had the highest percentage of people employed in Healthcare Support occupations in 2008 at 3.6%). In 2008, 0.8% of all employed people in Massachusetts were employed in Life and Physical Sciences occupations (down from 0.9% in 2007). This was higher than the national average of 0.5% in 2008 (up from 0.6% in 2007) and higher than percentage in all nine comparison states.

Technical Notes

The Bureau of Labor Statistics (BLS) is "...is the principal fact-finding agency for the Federal Government in the broad field of labor economics and statistics." The BLS is an independent agency that "...collects, processes, analyzes, and disseminates..." statistical data to parties including the general public; federal, state, and local government departments and staff; and businesses. The Occupational Employment Statistics (OES) program calculates estimates for employment and wages in over 800 occupations for the nation, states, metropolitan and non-metropolitan areas. The home page for the BLS is <http://www.bls.gov/>. The home page for the OES program is: <http://www.bls.gov/oes/>.

Indicator 27: Job vacancy rates in STEM occupational areas

Table VI - 14: Massachusetts Semi-Annual Estimates of Job Vacancies for STEM Occupational Areas (MASSIP 2009 Indicator 27)

Major Occupational Group	2nd Quarter 2004	4th Quarter 2004	2nd Quarter 2005	4th Quarter 2005	2nd Quarter 2006	4th Quarter 2006	2nd Quarter 2007	4th Quarter 2007	2nd Quarter 2008	4th Quarter 2008
Architecture & Engineering	1,467	1,615	2,096	1,844	2,701	2,579	2,846	3,093	2,140	1,336
Computer & Mathematical	2,588	2,693	3,056	3,054	3,347	4,200	4,510	4,796	3,621	2,619
Healthcare Practitioners & Technical	6,792	7,618	8,862	7,670	8,574	8,047	7,739	8,654	6,746	5,562
Healthcare Support	3,445	2,364	3,065	3,095	4,050	4,566	3,524	4,220	3,096	2,081
Life, Physical & Social Science	1,050	1,613	1,647	1,808	2,507	2,010	2,631	2,612	1,901	1,237
STEM Total	15,342	15,903	18,726	17,471	21,179	21,402	21,250	23,375	17,504	12,835
All Occupations	59,891	71,934	72,813	74,305	86,296	92,639	83,852	92,021	74,971	54,606

Data Source: Massachusetts Department of Workforce Development.

Table VI - 15: Massachusetts Average Annual Estimates of Job Vacancies for STEM Occupational Areas (MASSIP 2009 Indicator 27)

Major Occupational Group	2004 Average	2005 Average	2006 Average	2007 Average	2008 Average	# Change 04-08	% Change 04-08
Architecture & Engineering	1,541	1,970	2,640	2,970	1,738	197	12.8%
Computer & Mathematical	2,641	3,055	3,774	4,653	3,120	480	18.2%
Healthcare Practitioners & Technical	7,205	8,266	8,311	8,197	6,154	-1,051	-14.6%
Healthcare Support	2,905	3,080	4,308	3,872	2,589	-316	-10.9%
Life, Physical & Social Science	1,332	1,728	2,259	2,622	1,569	238	17.8%
STEM Total	15,623	18,099	21,291	22,313	15,170	-453	-2.9%
All Occupations	65,913	73,559	89,468	87,937	64,789	-1,124	-1.7%

Data Source: Massachusetts Department of Workforce Development.



Table VI - 16: Massachusetts Semi-Annual Estimates of Job Vacancy Rates for STEM Occupational Areas (MASSIP 2009 Indicator 27)

Major Occupational Group	2nd Quarter 2004	4th Quarter 2004	2nd Quarter 2005	4th Quarter 2005	2nd Quarter 2006	4th Quarter 2006	2nd Quarter 2007	4th Quarter 2007	2nd Quarter 2008	4th Quarter 2008
Architecture & Engineering	2.0%	2.2%	2.9%	2.5%	3.7%	3.5%	3.8%	4.2%	2.8%	1.8%
Computer & Mathematical	2.5%	2.6%	2.9%	2.8%	3.0%	3.7%	4.0%	4.2%	3.1%	2.3%
Healthcare Practitioners & Technical	3.7%	4.2%	4.8%	4.1%	4.4%	4.1%	3.9%	4.4%	3.3%	2.7%
Healthcare Support	4.0%	2.7%	3.3%	3.4%	4.5%	4.8%	3.7%	4.5%	3.2%	2.1%
Life, Physical & Social Science	2.5%	3.8%	4.1%	4.3%	5.9%	4.3%	5.6%	5.6%	3.9%	2.5%
STEM Total	2.9%	3.1%	3.6%	3.4%	4.3%	4.1%	4.2%	4.6%	3.3%	2.3%
All Occupations	2.0%	2.5%	2.6%	2.6%	3.0%	3.2%	2.9%	3.2%	2.6%	1.9%

Data Source: Massachusetts Department of Workforce Development.

Table VI - 17: Massachusetts Average Annual Estimates of Job Vacancy Rates for STEM Occupational Areas (MASSIP 2009 Indicator 27)

Major Occupational Group	2004 Average	2005 Average	2006 Average	2007 Average	2008 Average
Architecture & Engineering	2.1%	2.7%	3.6%	4.0%	2.3%
Computer & Mathematical	2.6%	2.9%	3.4%	4.1%	2.7%
Healthcare Practitioners & Technical	4.0%	4.5%	4.3%	4.2%	3.0%
Healthcare Support	3.4%	3.4%	4.7%	4.1%	2.7%
Life, Physical & Social Science	3.2%	4.2%	5.1%	5.6%	3.2%
STEM Total	3.0%	3.5%	4.2%	4.4%	2.8%
All Occupations	2.3%	2.6%	3.1%	3.1%	2.3%

Data Source: Massachusetts Department of Workforce Development.



Summary

In 2008, there was an estimated 64,789 job vacancies across all occupations, 15,170 (or 23.4%) in STEM occupational areas, reported by employers in Massachusetts. These vacancies translated to an estimated 2.3% job vacancy rate for all occupations and 2.8% job vacancy rate for STEM occupations. Approximately 2.7% of all job vacancies were in Architecture and Engineering occupations, 4.8% in Computer and Mathematical occupations, 9.5% in Healthcare Practitioners and Technical occupations, 4.0% in Healthcare Support occupations, and 2.4% in Life, Physical, and Social Science occupations.

Technical Notes

Data for Indicator 27 were only available for Massachusetts.

The Massachusetts Department of Workforce Development is part of the Executive Office of Labor and Workforce Development. The Job Vacancy Survey is one of many economic data collection and analysis programs maintained by the Department. The Job Vacancy Survey is a survey of 10,000 employers across the state of Massachusetts that has been conducted semi-annually since 2002. The survey collects the following information:

- The number and types of positions open for immediate hire
- The educational and training requirements for those positions
- The wages and benefits offered to applicants for those positions
- The degree to which employers are satisfied with the educational and training attainments of their new hires
- The hiring activities planned by employers for the next six months

The home page for the Executive Office of Labor and Workforce Development is:

<http://www.mass.gov/?pageID=elwdhomepage&L=1&L0=Home&sid=Elwd>. The home page for the Department of Workforce Development is:

[http://www.mass.gov/?pageID=elwdagencylanding&L=4&L0=Home&L1=Government&L2=Departments+and+Divisions+\(EOLWD\)&L3=Department+of+Workforce+Development&sid=Elwd](http://www.mass.gov/?pageID=elwdagencylanding&L=4&L0=Home&L1=Government&L2=Departments+and+Divisions+(EOLWD)&L3=Department+of+Workforce+Development&sid=Elwd). The home page

for the Job Vacancy Survey program is: <http://lmi2.detma.org/Lmi/LMIjobvacancy.asp>. The web page where all economic analysis projects can be found is: <http://lmi2.detma.org/Lmi/LMIDataProg.asp>.



***Massachusetts Statewide STEM
Indicators Project (MASSIP)***

2009 Report

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