



MASSACHUSETTS
Department of
Higher Education



Massachusetts Department of
ELEMENTARY & SECONDARY
EDUCATION

2005 Public High School Graduates Report Middlesex Community College, Fall 2005

About this report

This report contains student characteristics and initial outcomes for 2005 MA public high school graduates who enrolled as new students in fall 2005 at **Middlesex Community College**.

The *Public High School Graduates Report* is drawn from a new database that links public K–12 and higher education data. This database contains information on high school students who graduated or obtained a certificate of attainment from a Massachusetts public high school and enrolled in a public postsecondary institution in Massachusetts. Please note that the report does not include information on students who attended private or out-of-state high schools.

Measures have been taken to comply with the Family Educational Rights and Privacy Act (FERPA) so that no combinations of data found in this report can be easily traced to an individual student. Results based on counts of zero to five students have been suppressed and replaced with “na” (not available).

For more information about the School-To-College initiative see the state School-To-College Report at <http://www.doe.mass.edu/research/reports/research.html> or <http://www.mass.edu/reports> and school level reports at <http://www.doe.mass.edu/research/reports/s2c.html>.

Enrollment Overview

*How many 2005 Massachusetts public high school graduates enrolled as new students in fall 2005 at MCC? **1154 graduates***

*How many Massachusetts public high schools contributed students to MCC in 2005? **87 public high schools***

*How many Massachusetts public high school graduates were there from those 87 schools in 2005? **21,598 graduates in 2005 from those 87 public high schools***

<i>Enrollment Details</i>

Characteristics of MCC students who graduated from MA public high schools in 2005 and enrolled as new students in fall 2005

Race/Ethnicity	# Students	% of Students
African American	44	4%
Hispanic	160	14%
Asian or Pacific Islander	123	11%
American Indian or Alaska Native	na	na
White	823	71%

Gender	# Students	% of Students
Female	581	50%
Male	573	50%

Special Population	# Students	% of Students
Limited English Proficient	94	8%
Low Income	269	23%
Special Education	251	22%

How many of the new students had taken advanced placement courses in high school?
4% of students took one or more AP courses in high school.

<i>Developmental Enrollment</i>
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Developmental enrollment during the first semester of 2005 MA public high school graduates who enrolled as new students at MCC in fall 2005 by subject

Developmental Enrollment	# Students	% of Total
Enrolled One or More Subject Area	811	70%
Developmental Math	542	47%
Developmental Reading	259	22%
Developmental Writing	554	48%

<i>Developmental Enrollment (continued)</i>
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Developmental enrollment during the first semester of 2005 MA public high school graduates who enrolled as new students at MCC in fall 2005 by race/ethnicity and special population

Race/Ethnicity and Special Population	Enrolled one or more developmental subject	% enrolled one or more developmental subject
African American	34	77%
Hispanic	130	81%
Asian or Pacific Islander	94	76%
White	550	67%
Limited English Proficient	70	74%
Low Income	213	79%
Special Education	212	84%

Developmental enrollment in math during the first semester of 2005 MA public high school graduates who enrolled as new students at MCC in fall 2005 by MCAS mathematics

MCAS Mathematics Score	Total Scoring at this Level	# Enrolled in Developmental Math	% Enrolled in Developmental Math
260-280 Advanced	65	7	11%
240-259 Proficient	308	82	27%
220-239 Needs Improvement	765	444	58%
<i>MCAS Math Total*</i>	1138	533	47%

*Includes only students with passing scores.

Developmental enrollment in reading during the first semester, of 2005 MA public high school graduates who enrolled as new students at MCC in fall 2005 by MCAS English language arts (ELA)

MCAS ELA Score	Total Scoring at this Level	# Enrolled in Developmental Reading	% Enrolled in Developmental Reading
260-280 Advanced	52	na	na
240-259 Proficient	478	59	12%
220-239 Needs Improvement	615	198	32%
<i>MCAS ELA Total*</i>	1145	257	22%

*Includes only students with passing scores.

Retention

Retention of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MCC fall 2005 and continued for a second year of postsecondary education in fall 2006, either at MCC or another public, private or out-of-state institution*

Initial Cohort (Fall 2005)	Retained at MCC (Fall 2006)	% Retained MCC (Fall 2006)	Retained Anywhere (Fall 2006)	% Retained Anywhere (Fall 2006)
889	516	58%	617	69%

*These data exclude those students who earned a certificate or degree within one year and therefore would not be expected to continue for another year.

Retention of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MCC fall 2005 and continued for a second year of postsecondary education anywhere by race/ethnicity and special population*

Race/Ethnicity and Special Population	Initial Cohort (Fall 2005)	Retained Anywhere (Fall 2006)	% Retained Anywhere (Fall 2006)
African American	31	25	81%
Hispanic	112	81	72%
Asian or Pacific Islander	88	59	67%
White	655	449	69%
Limited English Proficient	65	54	83%
Low Income	196	132	67%
Special Education	188	133	71%

*These data exclude those students who earned a certificate or degree within one year and therefore would not be expected to continue for another year.

College GPA

*The average college GPA of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MCC fall 2005 and continued for a second year of postsecondary education in fall 2006 was **2.4**.*

College GPA of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MCC fall 2005 and continued for a second year of postsecondary education in fall 2006 by race/ethnicity and special population

Race/Ethnicity and Special Population	# Students in Cohort	Average Cumulative College GPA
African American	18	2.2
Hispanic	61	2.5
Asian or Pacific Islander	47	2.5
White	362	2.4
Limited English Proficient	45	2.6
Low Income	105	2.4
Special Education	114	2.1

College Credits

*The total average college credits earned of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MCC fall 2005 and continued for a second year of postsecondary education in fall 2006 was **19.8**.*

College credits earned of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MCC fall 2005 and continued for a second year of postsecondary education in fall 2006 by race/ethnicity and special population

Race/Ethnicity and Special Population	# Students in Cohort	Average Number of Credits Earned
African American	18	18.6
Hispanic	61	21.2
Asian or Pacific Islander	47	20.8
White	362	19.6
Limited English Proficient	45	22.6
Low Income	105	20.4
Special Education	114	17.4

High Schools with Graduates Enrolling at MCC

All MA public high schools with graduates enrolling as new students at Middlesex Community College in fall 2005

MA Public High Schools	# of Students	MA Public High Schools	# of Students
Lowell High	182	Andover High	na
Gr Lowell Reg Voc Tech	79	Medford Voc Tech High	na
Billerica Memorial High School	70	Attleboro High	na
Lawrence High	61	Hopkinton High	na
Dracut Senior High	57	Triton Regional High School	na
Chelmsford High	49	Ayer High	na
Shawsheen Valley Voc Tech	43	Hudson High	na
Woburn High	39	Masconomet Regional HS	na
Waltham Sr High	37	Needham High	na
Westford Academy	30	Newton North High	na
Wilmington High	30	Revere High	na
Tewksbury Memorial High	28	Charlestown High	na
Tyngsborough High School	27	East Boston High	na
Burlington High	27	Madison Park High	na
Stoneham High	25	O'Bryant Sch Math/Science	na
Methuen High	24	West Roxbury High School	na
Minuteman Regional High	23	Barnstable High	na
Reading Memorial High	21	B M C Durfee High	na
Arlington High	20	North High	na
North Middlesex Reg	18	Worcester Voc High	na
Lexington High	18	Blue Hills Reg Voc Tech	na
Nashoba Valley Tech H S	18	Chatham High	na
Lowell Middlesex Academy Charter School	13	Ipswich High	na
Acton-Boxborough Reg High	13	Lunenburg High	na
Winchester High School	13	Pentucket Reg Sr High	na
Gr Lawrence Reg Voc Tech	12	Bourne High	na
Medford High	12	Amesbury High	na
Maynard High	11	Assabet Valley Voc H S	na
Concord Carlisle High	10	Beverly High	na
North Reading High	10	Braintree High	na
Watertown High	9	Essex Agr and Tech Inst	na
Bedford High	8	Everett High	na
Littleton High School	8	Franklin High	na
Northeast Metro Reg Voc	8	Malden High	na
Groton Dunstable Regional	7	Manchester Essex Regional Middle High School	na
Belmont High	6	Marlborough High	na
Somerville High	6	Melrose High	na
Wakefield Memorial High	6	North Shore Reg Voc	na
Cambridge Rindge and Latin	na	Peabody Veterans Memorial High	na
Nashoba Regional	na	Southbridge High	na
Haverhill High	na	Whittier Reg Voc	na
North Andover High	na	Cape Cod Region Voc Tech	na
Lincoln-Sudbury Reg High	na	North Attleboro High	na
		Sandwich High	na

Number and percentage of 2005 high school graduates enrolling as new students at MCC in fall 2005 from high schools enrolling 6 or more graduates

MA Public High Schools	# Students Enrolled at MCC Fall 2005	Total # 2005 Graduates	% of Total Graduates
Lowell High*	182	792	23%
Gr Lowell Reg Voc Tech	79	388	20%
Billerica Memorial High School	70	337	21%
Lawrence High	61	363	17%
Dracut Senior High*	57	242	24%
Chelmsford High	49	394	12%
Shawsheen Valley Voc Tech	43	281	15%
Woburn High	39	323	12%
Waltham Sr High	37	334	11%
Westford Academy	30	302	10%
Wilmington High	30	208	14%
Tewksbury Memorial High	28	255	11%
Tyngsborough High School	27	153	18%
Burlington High	27	223	12%
Stoneham High	25	196	13%
Methuen High	24	342	7%
Minuteman Regional High	23	162	14%
Reading Memorial High	21	304	7%
Arlington High	20	246	8%
North Middlesex Reg	18	273	7%
Lexington High	18	424	4%
Nashoba Valley Tech H S	18	119	15%
Lowell Middlesex Academy Charter School*	13	25	52%
Acton-Boxborough Reg High	13	371	4%
Winchester High School	13	202	6%
Gr Lawrence Reg Voc Tech	12	244	5%
Medford High	12	264	5%
Maynard High	11	80	14%
Concord Carlisle High	10	292	3%
North Reading High	10	138	7%
Watertown High	9	158	6%
Bedford High	8	161	5%
Littleton High School	8	75	11%
Northeast Metro Reg Voc	8	255	3%
Groton Dunstable Regional	7	155	5%
Belmont High	6	276	2%
Somerville High	6	349	2%
Wakefield Memorial High	6	229	3%

* High schools that provided the greatest number of students as a percentage of the school's total graduating class of 2005.

Explanation of Terms

- **Limited English Proficient:** Ever identified as limited English proficient while in high school.
- **Low Income:** Eligible for free or reduced-price meal services under the National School Lunch and School Breakfast programs in twelfth grade.
- **Special Education:** Ever received special education services during high school.
- **MCAS** scores represent graduates' highest level of achievement on the tests.