



MASSACHUSETTS  
Department of  
Higher Education



## 2005 Public High School Graduates Report Springfield Technical 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 **Springfield Technical 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 STCC? **571 graduates***

*How many Massachusetts public high schools contributed students to STCC in 2005? **49 public high schools***

*How many Massachusetts public high school graduates were there from those 49 schools in 2005?*

**7577 graduates in 2005 from those 49 public high schools**

<b>Enrollment Details</b>
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**Characteristics of STCC students who graduated from MA public high schools in 2005 and enrolled as new students in fall 2005**

<b>Race/Ethnicity</b>	<b># Students</b>	<b>% of Students</b>
African American	78	14%
Hispanic	88	15%
Asian or Pacific Islander	16	3%
American Indian or Alaska Native	na	na
White	389	68%

<b>Gender</b>	<b># Students</b>	<b>% of Students</b>
Female	286	50%
Male	285	50%

<b>Special Population</b>	<b># Students</b>	<b>% of Students</b>
Limited English Proficient	32	6%
Low Income	155	27%
Special Education	109	19%

*How many of the new students had taken advanced placement courses in high school?*  
**6% of students took one or more AP courses in high school.**

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

<b>Developmental Enrollment</b>	<b># of Students</b>	<b>% of Total</b>
Enrolled One or More Subject Area	398	70%
Developmental Math	323	57%
Developmental Reading	156	27%
Developmental Writing	202	35%

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

<b>Race/Ethnicity and Special Population</b>	<b>Enrolled one or more developmental subject</b>	<b>% enrolled one or more developmental subject</b>
African American	62	79%
Hispanic	73	83%
Asian or Pacific Islander	12	75%
White	251	65%
Limited English Proficient	25	78%
Low Income	121	78%
Special Education	89	82%

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

<b>MCAS Mathematics Score</b>	<b>Total Scoring at this Level</b>	<b># Enrolled in Developmental Math</b>	<b>% Enrolled in Developmental Math</b>
260-280 Advanced	46	8	17%
240-259 Proficient	143	67	47%
220-239 Needs Improvement	367	238	65%
<b>MCAS Math Total*</b>	<b>556</b>	<b>313</b>	<b>56%</b>

\*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 STCC in fall 2005 by MCAS English language Arts (ELA)**

<b>MCAS ELA Score</b>	<b>Total Scoring at this Level</b>	<b># Enrolled in Developmental Reading</b>	<b>% Enrolled in Developmental Reading</b>
260-280 Advanced	31	na	na
240-259 Proficient	223	12	5%
220-239 Needs Improvement	295	137	46%
<b>MCAS ELA Total*</b>	<b>549</b>	<b>149</b>	<b>27%</b>

\*Includes only students with passing scores.

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

<b>Initial Cohort (Fall 2005)</b>	<b>Retained at STCC (Fall 2006)</b>	<b>% Retained STCC (Fall 2006)</b>	<b>Retained Anywhere (Fall 2006)</b>	<b>% Retained Anywhere (Fall 2006)</b>
465	293	63%	327	70%

\*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 STCC fall 2005 and continued for a second year of postsecondary education anywhere by race/ethnicity and special population\***

<b>Race/Ethnicity and Special Population</b>	<b>Initial Cohort (Fall 2005)</b>	<b>Retained Anywhere (Fall 2006)</b>	<b>% Retained Anywhere (Fall 2006)</b>
African American	62	39	63%
Hispanic	77	48	62%
Asian or Pacific Islander	15	11	73%
White	311	229	74%
Limited English Proficient	26	23	88%
Low Income	128	83	65%
Special Education	77	51	66%

\*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 STCC fall 2005 and continued for a second year of postsecondary education in fall 2006 was 2.6.*

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

<b>Race/Ethnicity and Special Population</b>	<b># Students in Cohort</b>	<b>Average Cumulative College GPA</b>
African American	35	2.6
Hispanic	44	2.4
Asian or Pacific Islander	9	2.4
White	205	2.6
Limited English Proficient	21	2.6
Low Income	73	2.5
Special Education	48	2.3

### **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 STCC fall 2005 and continued for a second year of postsecondary education in fall 2006 was 19.1.*

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

<b>Race/Ethnicity and Special Population</b>	<b># Students in Cohort</b>	<b>Average Number of Credits Earned</b>
African American	35	17.9
Hispanic	44	14.1
Asian or Pacific Islander	9	14.9
White	205	20.6
Limited English Proficient	21	14.5
Low Income	73	16.7
Special Education	48	15.1

<b><i>High Schools with Graduates Enrolled at STCC</i></b>
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***All MA public high schools with graduates enrolling as new students at Springfield Technical Community College in fall 2005***

<b>MA Public High Schools</b>	<b># Students</b>	<b>MA Public High Schools</b>	<b># Students</b>
Springfield Central High	55	Northampton High	na
High School/Science-Tech	51	Bridge Academy	na
High School Of Commerce	47	Amherst Regional High	na
Minnechaug Reg High	45	Holyoke High	na
Chicopee High	33	Wm J Dean Voc Tech High	na
Ludlow Senior High	33	Smith Voc and Agr High	na
Agawam High	30	Tantasqua Reg Sr High	na
East Longmeadow High	30	Gateway Reg High	na
Westfield High	25	Tantasqua Reg Voc	na
West Springfield High	23	New Leadership Charter School	na
Chicopee Comprehensive HS	22	Lawrence High	na
Putnam Voc Tech High School	16	Springfield Academy for Excellence	na
Monson High School	13	The White Oak School	na
Longmeadow High	13	Lenox Memorial High	na
Sabis International Charter School	12	Pioneer Valley Performing Arts Charter Public School	na
Springfield High School	10	Marshfield High	na
Westfield Voc Tech High	9	Plymouth South High	na
Belchertown High	8	Frontier Reg	na
Palmer High	8	Turners Fall High	na
Quaboag Regional High	7	Franklin County Tech	na
Pathfinder Voc Tech	7	Holbrook Jr Sr High	na
South Hadley High	6	North Brookfield High	na
Ware High	6	Weymouth High School	na
Southwick-Tolland Regional High	na	Hoosac Valley High	na
Hampshire Reg High	na	Valley West School	na
		Easthampton High	na

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

<b>MA Public High Schools</b>	<b># Students Enrolled at STCC Fall 2005</b>	<b>Total # 2005 Graduates</b>	<b>% of Total Graduates</b>
Springfield Central High	55	286	19%
High School/Science-Tech*	51	238	21%
High School Of Commerce*	47	200	24%
Minnechaug Reg High	45	312	14%
Chicopee High	33	194	17%
Ludlow Senior High	33	206	16%
Agawam High	30	243	12%
East Longmeadow High	30	220	14%
Westfield High	25	385	6%
West Springfield High	23	247	9%
Chicopee Comprehensive HS	22	228	10%
Putnam Voc Tech High School	16	121	13%
Monson High School	13	78	17%
Longmeadow High	13	240	5%
Sabis International Charter School*	12	52	23%
Springfield High School	10	56	18%
Westfield Voc Tech High	9	81	11%
Belchertown High	8	154	5%
Palmer High	8	115	7%
Quaboag Regional High	7	105	7%
Pathfinder Voc Tech	7	111	6%
South Hadley High	6	161	4%
Ware High	6	72	8%

\* 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.