



MASSACHUSETTS  
Department of  
Higher Education



Massachusetts Department of  
ELEMENTARY & SECONDARY  
EDUCATION

## 2005 Public High School Graduates Report Mount Wachusett 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 **Mount Wachusett 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 MWCC? **539 graduates***

*How many Massachusetts public high schools contributed students to MWCC in 2005? **59 public high schools***

*How many Massachusetts public high school graduates were there from those 59 schools in 2005? **12,722 graduates in 2005 from those 59 public high schools***

<b><i>Enrollment Details</i></b>
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**Characteristics of MWCC 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	21	4%
Hispanic	52	10%
Asian or Pacific Islander	14	3%
American Indian or Alaska Native	na	na
White	451	84%

<b>Gender</b>	<b># Students</b>	<b>% of Students</b>
Female	301	56%
Male	238	44%

<b>Special Population</b>	<b># Students</b>	<b>% of Students</b>
Limited English Proficient	31	6%
Low Income	115	21%
Special Education	112	21%

*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 MWCC in fall 2005 by subject**

<b>Developmental Enrollment</b>	<b># Students</b>	<b>% of Total</b>
Enrolled One or More Subject Area	357	66%
Developmental Math	340	63%
Developmental Reading	107	20%
Developmental Writing	73	14%

<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 MWCC 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	16	76%
Hispanic	36	69%
Asian or Pacific Islander	12	86%
White	292	65%
Limited English Proficient	24	77%
Low Income	81	70%
Special Education	87	78%

Developmental enrollment in math during the first semester of 2005 MA public high school graduates who enrolled as new students at MWCC 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	40	11	28%
240-259 Proficient	150	76	51%
220-239 Needs Improvement	339	244	72%
<b>MCAS Math Total*</b>	<b>529</b>	<b>331</b>	<b>63%</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 MWCC 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	30	na	na
240-259 Proficient	233	12	5%
220-239 Needs Improvement	272	93	34%
<b>MCAS ELA Total*</b>	<b>535</b>	<b>105</b>	<b>20%</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 MWCC fall 2005 and continued for a second year of postsecondary education in fall 2006, either at MWCC or another public, private or out-of-state institution\***

<b>Initial Cohort (Fall 2005)</b>	<b>Retained at MWCC (Fall 2006)</b>	<b>% Retained MWCC (Fall 2006)</b>	<b>Retained Anywhere (Fall 2006)</b>	<b>% Retained Anywhere (Fall 2006)</b>
476	237	50%	287	60%

\*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 MWCC 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	17	10	59%
Hispanic	42	20	48%
Asian or Pacific Islander	11	6	55%
White	406	251	62%
Limited English Proficient	22	11	50%
Low Income	91	41	45%
Special Education	96	58	60%

\*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 MWCC fall 2005 and continued for a second year of postsecondary education in fall 2006 was **2.5**.*

**College GPA of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MWCC 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	7	2.4
Hispanic	18	2.9
Asian or Pacific Islander	na	2.8
White	207	2.5
Limited English Proficient	9	3.3
Low Income	36	2.8
Special Education	53	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 MWCC fall 2005 and continued for a second year of postsecondary education in fall 2006 was **22.5**.*

**College credits earned of 2005 MA public high school graduates who enrolled as first-time, full-time, degree-seeking students at MWCC 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	7	22.1
Hispanic	18	26.2
Asian or Pacific Islander	na	na
White	207	22.3
Limited English Proficient	9	27.8
Low Income	36	24.1
Special Education	53	20.8

<b><i>High Schools with Graduates Enrolling at MWCC</i></b>
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***All MA public high schools with graduates enrolling as new students at Mount Wachusett Community College in fall 2005***

<b>MA Public High Schools</b>	<b># Students Enrolled at MWCC Fall 2005</b>	<b>MA Public High Schools</b>	<b># Students Enrolled at MWCC Fall 2005</b>
Fitchburg High	82	Bromfield	na
Montachusett Voc Tech	47	Lee Middle/High School	na
Gardner High	46	Leicester High	na
Leominster Senior High	44	Marshfield High	na
Oakmont Regional H S	37	Middleborough High	na
North Middlesex Reg	34	Norton High	na
Athol High	30	West Boylston Jr-Sr High	na
Narragansett Reg High	27	Falmouth High	na
Quabbin Regional High School	26	Hampshire Reg High	na
Ralph C Mahar Reg	24	Marthas Vineyard Reg High	na
Murdock Middle/High	23	Bridgewater-Raynham Reg	na
Wachusett Regional High	20	Chelmsford High	na
Leominster Ctr Tech Educ	18	Francis W. Parker Charter Essential School	na
Lunenburg High	16	Haverhill High	na
Ayer High	10	Maynard High	na
Nashoba Regional	na	Nashoba Valley Tech HS	na
Groton Dunstable Regional	na	Natick High	na
Clinton Senior High	na	North Brookfield High	na
Franklin County Tech	na	North Reading High	na
Acton-Boxborough Reg High	na	Northbridge High	na
Assabet Valley Voc H S	na	North Quincy High	na
Dracut Senior High	na	Revere High	na
Everett High	na	Salem High	na
Littleton High School	na	Sharon High	na
Gloucester High	na	Shrewsbury Sr High	na
Lowell High	na	Somerville High	na
Waltham Sr High	na	Watertown High	na
Burncoat Senior High	na	Bartlett Jr Sr High Sch	na
South High Community	na	Weymouth High School	na
		Chicopee Comprehensive HS	na

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

<b>MA Public High Schools</b>	<b># Students Enrolled at MWCC Fall 2005</b>	<b>Total # 2005 Graduates</b>	<b>% of Total Graduates</b>
Fitchburg High	82	325	25%
Montachusett Voc Tech	47	228	21%
Gardner High	46	185	25%
Leominster Senior High	44	293	15%
Oakmont Regional H S	37	160	23%
North Middlesex Reg	34	273	12%
Athol High*	30	107	28%
Narragansett Reg High*	27	97	28%
Quabbin Regional High School	26	228	11%
Ralph C Mahar Reg*	24	90	27%
Murdock Middle/High*	23	74	31%
Wachusett Regional High	20	392	5%
Leominster Ctr Tech Educ	18	102	18%
Lunenburg High	16	139	12%
Ayer High	10	94	11%

\* 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.