

2011 SUMMER ED*Facts* STATE TRENDS PROFILE - MASSACHUSETTS

Districts and Schools (CCD/ED <i>Facts</i> SY 2007-08, 2008-09, 2009-10)		# in the state		
		2007-08	2008-09	2009-10
All districts		392	391	392
All schools		1,870	1,846	1,831
Title I schools		999	1,013	1,027
Charter schools		61	61	62
Student Enrollment CCD 2007-08, 2008-09, 2009-10		# in the state		
		2007-08	2008-09	2009-10
All students		962,958	958,910	957,053
Elem school grade students (PreK-5)		448,270	449,677	450,036
Middle school grade students (6-8)		218,006	216,138	215,693
High school grade students (9-12)		296,032	292,372	290,502
Adequate Yearly Progress (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10)		# and % of schools		
		2007-08	2008-09	2009-10
Made AYP: All schools	#	648	654	575
	%	36.6	37.8	33.5
Made AYP: Title I schools	#	244	305	259
	%	25.2	31.0	26.1
Identified for improvement (Yr 1) -- Title I schools	#	152	146	97
	%	15.7	14.8	9.8
Identified for improvement (Yr 2) -- Title I schools	#	125	111	120
	%	12.9	11.3	12.1
State Assessment Performance: 4th Grade Reading (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10) Administered every year.		% of students performing at or above Proficient level (AMO for 2010 is 90)		
		2007-08	2008-09	2009-10
All students		49	54	53
White		56	61	61
Black, non-Hispanic		25	29	29
Hispanic		23	28	27
Asian/Pacific Islander		56	62	62
American Indian/Alaskan Native		33	42	45
Economically disadvantaged		26	30	30
Limited English proficient		11	17	18
Children with disabilities		14	17	16
State Assessment Performance: 4th Grade Mathematics (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10) Administered every year.		% of students performing at or above Proficient level (AMO for 2010 is 84)		
		2007-08	2008-09	2009-10
All students		50	48	48
White		55	54	54
Black, non-Hispanic		26	24	25
Hispanic		28	26	27
Asian/Pacific Islander		66	64	65
American Indian/Alaskan Native		38	36	41
Economically disadvantaged		29	27	28
Limited English proficient		20	19	23
Children with disabilities		18	16	16

Student Enrollment (CCD/ED <i>Facts</i> SY 2007-08, 2008-09, 2009-10)		% of state total		
		2007-08	2008-09	2009-10
White		71	70	69
Black, non-Hispanic		8	8	8
Hispanic		14	14	15
Asian/Pacific Islander		5	5	5
American Indian/Alaskan Native		0	0	0
Economically disadvantaged		30	31	33
Limited English proficient		6	5	5
Children with disabilities		17	18	18
Adequate Yearly Progress (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10)		# and % of schools		
		2007-08	2008-09	2009-10
Corrective action -- Title I schools	#	107	102	96
	%	11.0	10.4	9.7
Restructuring/Planning -- Title I schools	#	78	100	94
	%	8.0	10.2	9.5
Restructuring/Implementation -- Title I schools	#	127	188	261
	%	13.1	19.1	26.3
Note: For AYP improvement status reporting for SY 2007-08, 2008-09 and 2009-10, data collected in each year (e.g., SY 2007-08) are used to determine the status of those schools in the following year (SY 2008-09). Dates provided in this report reflect the year in which data are collected.				
NAEP Achievement: 4th Grade Reading (NAEP 2005, 2007, 2009) Administered every other year.		% of students performing at or above Proficient level		
		2005	2007	2009
All students		44	49	47
White		51	56	56
Black, non-Hispanic		20	19	23
Hispanic		11	18	20
Asian/Pacific Islander		47	58	56
American Indian/Alaskan Native				
Economically disadvantaged		19	22	23
Limited English proficient		11	15	12
Children with disabilities		17	23	21
NAEP Achievement: 4th Grade Mathematics (NAEP 2005, 2007, 2009) Administered every other year.		% of students performing at or above Proficient level		
		2005	2007	2009
All students		49	58	57
White		57	65	67
Black, non-Hispanic		18	26	30
Hispanic		14	23	25
Asian/Pacific Islander		64	66	70
American Indian/Alaskan Native				
Economically disadvantaged		22	32	31
Limited English proficient		19	24	15
Children with disabilities		22	33	32

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State Assessment Performance: 8th Grade Reading (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10) Administered every year.	% of students performing at or above Proficient level (AMO for 2010 is 90)		
	2007-08	2008-09	2009-10
All students	75	79	77
White	82	84	83
Black, non-Hispanic	57	63	58
Hispanic	50	56	53
Asian/Pacific Islander	82	85	82
American Indian/Alaskan Native	62	64	66
Economically disadvantaged	55	61	58
Limited English proficient	18	23	20
Children with disabilities	36	40	36
State Assessment Performance: 8th Grade Mathematics (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10) Administered every year.	% of students performing at or above Proficient level (AMO for 2010 is 84)		
	2007-08	2008-09	2009-10
All students	49	49	52
White	56	56	58
Black, non-Hispanic	24	23	28
Hispanic	22	22	26
Asian/Pacific Islander	69	68	73
American Indian/Alaskan Native	36	29	38
Economically disadvantaged	25	25	30
Limited English proficient	10	12	14
Children with disabilities	12	12	13
State Assessment Performance: HS Reading (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10) Administered every year.	% of students performing at or above Proficient level (AMO for 2010 is 90)		
	2007-08	2008-09	2009-10
All students	74	80	78
White	81	86	84
Black, non-Hispanic	55	64	59
Hispanic	49	58	54
Asian/Pacific Islander	77	82	78
American Indian/Alaskan Native	69	76	71
Economically disadvantaged	54	63	59
Limited English proficient	17	20	15
Children with disabilities	34	43	38
State Assessment Performance: HS Mathematics (ED <i>Facts</i> /CSPR SY 2007-08, 2008-09, 2009-10) Administered every year.	% of students performing at or above Proficient level (AMO for 2010 is 84)		
	2007-08	2008-09	2009-10
All students	72	74	75
White	78	81	82
Black, non-Hispanic	48	52	53
Hispanic	46	48	50
Asian/Pacific Islander	85	85	86
American Indian/Alaskan Native	65	67	65
Economically disadvantaged	51	54	56
Limited English proficient	31	32	29
Children with disabilities	33	37	36

NAEP Achievement: 8th Grade Reading (NAEP 2005, 2007, 2009) Administered every other year.	% of students performing at or above Proficient level		
	2005	2007	2009
All students	44	43	43
White	50	49	49
Black, non-Hispanic	18	17	17
Hispanic	15	15	17
Asian/Pacific Islander	52	54	50
American Indian/Alaskan Native			
Economically disadvantaged	23	20	20
Limited English proficient	2	4	3
Children with disabilities	13	13	18
NAEP Achievement: 8th Grade Mathematics (NAEP 2005, 2007, 2009) Administered every other year.	% of students performing at or above Proficient level		
	2005	2007	2009
All students	43	51	52
White	49	58	59
Black, non-Hispanic	15	13	23
Hispanic	15	19	21
Asian/Pacific Islander	68	74	66
American Indian/Alaskan Native			
Economically disadvantaged	23	25	29
Limited English proficient	8	16	8
Children with disabilities	17	18	21

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AP Participation Rate (College Board 2008, 2009, 2010)	State %		
	2008	2009	2010
Took at least one examination	29.2	31.0	33.2
State Graduation Rate (ED <i>Facts</i> /CSPR SY2007-08, 2008-09, 2009-10 for SY2006-07, 2007-08, 2008-09)	State graduation rate %		
	2006-07	2007-08	2008-09
All students	81	81	82
White	86	87	
Black, non-Hispanic	65	68	
Hispanic	59	58	
Asian/Pacific Islander	84	87	
American Indian/Alaskan Native	68	67	
Economically disadvantaged	65	65	67
Limited English proficient	53	56	58
Children with disabilities	63	64	65
Averaged Freshman Graduation Rate (AFGR) (NCES 2006-07, 2007-08, 2008-09)	State %		
	2006-07	2007-08	2008-09
All students	80.8	81.5	83.3
College Enrollment Rate (CCD/IPEDS 2004, 2006, 2008)	State %		
	2004	2006	2008
All students	64.1	72.6	74.7
Chief State School Officer (ED <i>Facts</i> 2011)			
Name	Telephone		
Mitchell Chester	(781) 338-3100		

AP Participation Rate (College Board 2008, 2009, 2010)	State %			
	2008	2009	2010	
Scored three or higher on an AP examination	20.8	22.1	23.1	
State Dropout Rate (ED <i>Facts</i> /CSPR SY2007-08, 2008-09, 2009-10 for SY2006-07, 2007-08, 2008-09)	State dropout rate %			
	2006-07	2007-08	2008-09	
All students	4	3	3	
White	3	2	2	
Black, non-Hispanic	6	6	6	
Hispanic	9	8	8	
Asian/Pacific Islander	3	2	2	
American Indian/Alaskan Native	5	7	4	
Economically disadvantaged	6	6	5	
Limited English proficient	10	9	9	
Children with disabilities	6	6	5	
Economic Data (CCD FY 2007, 2008, 2009)		2007	2008	2009
Per-pupil expenditure	State \$	12,784	13,690	14,540
	National \$	9,679	10,298	10,591
Funding for education (in thousands)	Federal \$	763,031	831,541	1,276,250
	State \$	6,641,467	6,127,024	6,036,202
	Local \$	6,774,829	7,644,372	7,790,028

This ED*Facts* State Trend Report was developed by the Performance Information Management Service staff at the U.S. Department of Education. Please contact 202-401-0091 for further information.

Notes: (1) The last year of data reported in this report represents the most recent year's data for each data source. Thus depending upon data sources, year of most recent data will vary. (2) Empty cells in this report indicate that either no data have been submitted by the states or data have been suppressed because of a small cell size. State suppression guidelines have been applied. Additionally, any calculated percentages greater than 97% will be reported as 97%, and 0 percentages will be blank-celled for the purpose of protecting individual identification.

EXPLANATORY NOTES: 2011 SUMMER EDFACTS STATE TRENDS PROFILES

To protect individual identification, Common Core of Data (CCD) racial/ethnicity data reported in this profile are reported as 0 for calculated percentages less than 0.05%. For other student level data reported in this profile, any calculated percentages greater than 97% are reported as 97%, and any calculated percentages less than 0.05% are blank-celled to protect individual identification. Note that changes in proficiency data from one year to the next may be a reflection of factors other than actual increases or decreases in performance. Examples could include, but are not limited to, changes in state standards, realignment of state cut scores for proficiency, the implementation of new state assessment systems, etc. Therefore, interpreting state trends in proficiency requires knowledge of the metadata behind the proficiency data presented in this profile.

Districts and Schools

The number of all districts and schools, Title I schools, and charter schools in the state. The counts in the profile include only the schools and districts that are operational (open, changed agency/changed boundary, new, added, or reopened) and that have student membership. The count of districts includes regular school districts and special local education agencies such as regional education service agencies (RESAs), supervisory unions, state-operated agencies, federally operated agencies, and independent charter districts with total student enrollment greater than zero. For 2009-10, the counts of schools are also restricted to schools that are not dually reported by the Bureau of Indian Education and the state. (Data source: Common Core of Data (CCD), "Local Education Agency Universe Survey," 2009-10, Version 1a; 2008-09, Version 1a; and 2007-08, Version 1 b; and "Public Elementary/ Secondary School Universe Survey," 2009-10, Version 1a; 2008-09, Version 1b; and 2007-08, Version 1b; and *EDFacts*, SY 2007-08, 2008-09, 2009-10.)

Student Enrollment

The number and percentage of total students and subgroups of students enrolled in public school in the state as of October 1 of the reported year (or the closest school day to October 1) for all grade levels from pre-kindergarten through 12th grade, as well as ungraded students. In some cases, enrollment counts were imputed when missing or edited to align with other data reported by the state. The sum of elementary school students, middle school students, and high school students may be less than the total student enrollment for some states for states that classify some students as ungraded. Some states may not have submitted complete enrollment data, thereby affecting individual state data for the overall national numbers and percentage of students enrolled. Note that "Black, non-Hispanic" includes Black and African American students; "Hispanic" includes Hispanic and Latino students; and "Asian/Pacific Islander" includes Asian, Native Hawaiian, and Other Pacific Islander students. Percentages of students who are "Two or more races," for states that identify and report these students, are not shown in this report. Total student membership is used for the denominator in calculating the percentages of student enrollment by race/ethnicity, and may include students for whom race/ethnicity data was not reported by the state. Note that the percentages for enrollment race/ethnicity subgroups are rounded to whole numbers. (Data source: Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2009-10, Version 1a; 2008-09, Version 1c, and 2007-08, Version 1b; and *EDFacts*, SY 2007-08, 2008-09, 2009-10.)

Elementary school grade students (PreK-5) is the sum of students in Pre-K through 5th grade in operational schools with membership.

Middle school grade students (6-8) is the sum of students in grades 6 through 8 in operational schools with membership.

High school grade students (9-12) is the sum of students in grades 9 through 12 in operational schools with membership.

Economically disadvantaged students are students in schools determined to be eligible to participate in the Free Lunch Program under the National School Lunch Act.

Limited English proficient students are students in schools determined to be eligible to participate in ESEA Title III programs.

Children with disabilities (IDEA) are children with mental retardation, hearing impairment including deafness, speech, or language impairment, visual impairment including blindness, serious emotional disturbance (hereafter referred to as emotional disturbance), orthopedic impairment, autism, traumatic brain injury, developmental delay, other health impairment, specific learning disability, deaf-blindness, or multiple disabilities, and who, by reason thereof, receive special education and related services under the Individuals with Disabilities Education Act (IDEA) according to an individualized education program (IEP), individual family service plan (IFSP), or a services plan provided under IDEA. Note that for state level data, this count includes children ages 3 through 21.

Adequate Yearly Progress

The number and percentage of all schools and Title I schools in the state according to their adequate yearly progress (AYP) status. Adequate yearly progress is an individual state's measure of yearly progress toward achieving state academic standards based on criteria contained in the Elementary and Secondary Education Act (ESEA). Adequate yearly progress is the minimum level of improvement that states, school districts, and schools must achieve each year. (Data source: *EDFacts/CSPR* 2007-08, 2008-09, 2009-10.)

Made AYP is the number and percentage of all schools and Title I schools that achieved or exceeded the state standards. This percentage is calculated using the total number of schools reported in the Consolidated State Performance Report

Identified for improvement (Year 1) is the number and percentage of Title I schools that did not meet the state's definition of "adequate yearly progress" after two consecutive years in the same content area.

Identified for improvement (Year 2) is the number and percentage of Title I schools that did not meet the state's definition of "adequate yearly progress" for three consecutive years in the same content area.

Corrective action is the number and percentage of Title I schools that did not meet the state's definition of "adequate yearly progress" after four consecutive years in the same content area, including two years in improvement status.

Restructuring/Planning is the number and percentage of Title I schools that failed to meet the state's definition of "adequate yearly progress" after five consecutive years in the same content area.

Restructuring/Implementation is the number and percentage of Title I schools that failed to meet the state's definition of "adequate yearly progress" after six consecutive years in the same content area.

State Assessment Performance

The percentage of students in the state performing at or above the Proficient level (as determined by each state) for all students as well as students by race and ethnicity and special populations. Beginning with SY 2005-06, tests are administered every year from grades 4 through 8 in mathematics and reading and one grade in high school. Note that "Black, non-Hispanic" includes Black and African American students; "Hispanic" includes Hispanic and Latino students; and "Asian/Pacific Islander" includes Asian, Native Hawaiian, and Other Pacific Islander students. (Data source: *EDFacts/CSPR* 2007-08, 2008-09, 2009-10.) Note: Changes in proficiency data from one year to the next can be a reflection of changes in state standards, state cut scores for proficiency, state assessments, and other factors. Therefore, interpreting state trends in proficiency requires knowledge of the metadata behind the proficiency data.

AMO stands for "annual measurable objective" and is the annual target percentage of students who perform at or above proficient on assessments relative to each subject area. Meeting AMO is the first step toward demonstrating adequate yearly progress under the Elementary and Secondary Education Act (ESEA). ESEA stipulates that all states demonstrate 100% proficiency by SY 2013-14. Several states have revised their AMOs with the development of new tests, which may account for a lapse in data or a jump in AMOs between or across years. States continue to revise their AMOs accordingly. Several states, including New York, Oklahoma, and Vermont, base their AMOs on a performance index; thus, these AMOs reflect index score points rather than the percentage of students who are at or above Proficient and are, therefore, not reported in the profiles. AMOs cannot be compared across states, content areas, or, necessarily, across grades. (Data source: OESE; State Accountability Plans, 2010.)

NAEP Achievement

The percentage of students in the state and nation who performed at or above the Proficient level on the state National Assessment of Educational Progress (NAEP), for all students as well as students by race and ethnicity and special populations. The Elementary and Secondary Education Act (ESEA) legislation requires states that receive Title I funding to participate in the state NAEP in reading and mathematics at grades 4 and 8 every two years. The state NAEP does not provide individual scores for the students or schools assessed. Instead, NAEP provides results about subject matter achievement, instructional experiences, and school environment, and reports these results for populations of students (e.g. fourth-graders) and subgroups of those populations (e.g. Hispanic students). (Data source: NAEP 2005, 2007, 2009.)

Student Outcomes

Advanced Placement (AP) Participation Rate

Took at least one examination is the percentage of students in the state who took one or more advanced placement examinations in public high schools in 2008, 2009, and 2010. (Data source: College Board, 2008, 2009, 2010.)

Scored three or higher on an AP examination is the percentage of students in the state and in the nation who scored 3 or higher on one AP examination during their public high school years for the high school class of 2008, 2009, and 2010. These data do not include Puerto Rico. (Data source: College Board 2008, 2009, 2010.)

State Graduation Rate

State graduation rate is the percentage of students measured from the beginning of high school who graduate from public high school with a regular diploma (not including a GED or any other diploma not fully aligned with the State's academic standards) in the standard number of years, or another definition developed by the state that more accurately measures the rate of students who graduate from high school with a regular diploma, which is approved by the Secretary in the state plan. This count does not calculate a dropout as a transfer. Note that "Black, non-Hispanic" includes Black and African-American students; "Hispanic" includes Hispanic and Latino students; and "Asia/Pacific Islander" includes Asian, Native Hawaiian, and Other Pacific Islander students. Graduation rate racial/ethnic data from states that provided 7 R/E categories in 2009-10 for SY 2008-09 instead of 5 categories are not reported in this profile. Rates cannot be aggregated and any reporting of 5 R/E categories reported in the comments field cannot be imported into the profiles. (Data source: EDFacts/CSPR SY 2007-08, 2008-09 and 2009-10 for SY 2006-07, 2007-08, 2008-09.)

Averaged Freshman Graduation Rate

Averaged freshman graduation rate (AFGR) is an estimate of the percentage of public school students in an entering high school freshman class who graduate within four years. For example, for SY 2008-09, the AFGR equals the total number of diploma recipients in SY 2008-09 divided by the average membership of the 8th grade class in 2004-05, the 9th grade class in 2005-06, and the 10th grade class in 2006-07. The national AFGR percentage reflects all states except South Carolina and Puerto Rico. (Data source: Common Core of Data (CCD), "NCES Common Core of Data State Dropout and Completion Data File," SY 2006-07, Version 1b; 2007-08, Version 1b; and 2008-09, Version 1a.)

College Enrollment Rate

College enrollment rate is the estimated percentage of high school graduates attending public or private colleges, by state, in 2004, 2006 and 2008. The numerator for this rate is the number of freshman who graduated from high school in the previous 12 months (reported by IHEs on IPEDS) and the denominator is the number of high school graduates as reported by states (CCD). (Data source: Common Core of Data, Common Core of Data State Dropout and Completion Data File," 2004, 2006, 2008; and "Private School Survey (PSS)," 2004, 2006, 2008, and 2004, 2006, 2008 Integrated Postsecondary Education Data System (IPEDS), Spring 2005, 2007, 2009.)

State Dropout Rate

State dropout rate is calculated using the annual event school dropout rate for students leaving a school in a single year determined in accordance with NCES CCD guidelines. Note that "Black, non-Hispanic" includes Black and African-American students; "Hispanic" includes Hispanic and Latino students; and "Asian/Pacific Islander" includes Asian, Native Hawaiian, and Other Pacific Islander students. (Data source: ED Facts/CSPR SY 2007-08, 2008-09 and 2009-10 for SY 2006-07, 2007-08, 2008-09.)

Chief State School Officer

Name and telephone number of the Chief State School Officer. (Source: ED Facts 2011.)

Economic Data

(Data source: U.S. Department of Education, NCES, Common Core of Data (Fiscal). "National Public Education Financial Survey" (NPEFS) FY 2007, Version 1b; 2008, Version 1b; and 2009, Version 1a.)

Current per-pupil expenditure (PPE) data (in dollars) for each state and the nation and funding for education (in thousands of dollars) at the federal, state, and local levels. Student membership is used for the denominator in calculating PPE. Detail may not sum to totals because of rounding.

State per-pupil expenditure is calculated by dividing current expenditures by student membership.

National per-pupil expenditure is calculated by summing expenditures for the 50 states and DC and dividing that by the sum of average daily attendance for the 50 states and DC.

Federal funding for education (in thousands) - are funds provided from federal government agencies to a state or local education agency for education purposes.

State funding for education (in thousands) - are funds produced within the boundaries of the state education agency (SEA) that are available for the use of the SEA including allocation of funds to local education agencies (LEAs).

Local funding for education (in thousands) - are funds produced within the boundaries of an LEA that are available for the use of the LEA.