

## 2012 Report Card - Montachusett Regional Vocational Technical

### Montachusett Regional Vocational Technical (08320605)

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### Overview:

This report card contains information required by the federal Elementary and Secondary Education Act (ESEA) for our school and district including: student enrollment and teacher qualifications, student achievement, accountability, and the progress our school is making toward narrowing proficiency gaps for different groups of students.

### Enrollment and Educator Data (2011-12 School Year)

A **highly qualified teacher** is defined as a teacher holding a Massachusetts teaching license at the Preliminary, Initial, or Professional level AND demonstrating subject matter competency in the areas they teach. **Core academic areas** include English, reading or language arts, mathematics, science, foreign languages, civics and government, economics, arts, history, and geography. (Notes: Self-contained classroom courses have been weighted to reflect the core academic courses within them.)

**High poverty schools** are schools in the top quartile of poverty in the state. **Low poverty schools** are in the bottom quartile of poverty in the state.

**Waivers** are granted to unlicensed or inappropriately licensed personnel upon district request if the district was unable, after making a good faith effort, to find a capable, appropriately licensed candidate for a teaching position. Waivers are valid for only one school year. For more information on waivers, please see the section entitled [About the Data](#) at the end of this document.

	School	District	State
<b>Total Count</b>	1,435	1,435	953,369
<b>Race/Ethnicity (%)</b>			
African American or Black	1.3	1.3	8.3
Asian	2.1	2.1	5.7
Hispanic or Latino	12.3	12.3	16.1
Multi-race, Non-Hispanic	4.9	4.9	2.5
Native American	0.1	0.1	0.2
Native Hawaiian or Pacific Islander	0.1	0.1	0.1
White	79.2	79.2	67.0
<b>Gender (%)</b>			
Male	54.3	54.3	51.3
Female	45.7	45.7	48.7
<b>Selected Populations (%)</b>			
English Language Learner	0.3	0.3	7.3
Low-Income Students	35.1	35.1	35.2
w/Disabilities	15.6	15.6	17.0
First Language Not English	8.2	8.2	16.7

### Enrollment (2011-12)

	School	District	State
Total # of Teachers	104.0	104.0	69,341.9
Percentage of Teachers Licensed in Teaching Assignment	99.0	99.0	97.8
Total Number of Classes in Core Academic Areas	307	307	339,887
Percentage of Core Academic Classes Taught by Teachers Who are Highly Qualified	96.4	96.4	97.8
Percentage of Core Academic Classes Taught by Teachers Who are Not Highly Qualified	3.6	3.6	2.2
Student/Teacher Ratio	13.8 to 1	13.8 to 1	13.7 to 1
Percentage of Public Elementary and Secondary School Teachers Issued Waivers	-	1.0	1.0

### Educator Data (2011-12)

09, 10, 11, 12

### Grades Offered:

## 2011 Massachusetts and Nationwide NAEP Results by Student Group Average Scaled Scores and Percentages of Students at Each Achievement Level

NAEP, or the National Assessment of Educational Progress, is often called the "Nation's Report Card." It is the only measure of student achievement in the United States that allows you to compare the performance of students in Massachusetts with the performance of students across the nation or in other states. Students take the NAEP in reading and mathematics every two years. When reviewing these results, it is important to keep in mind that the NAEP results are based on a small sample of students across Massachusetts, not the population of Massachusetts students. For more information, please visit <http://www.doe.mass.edu/mcas/naep/faq.html>.

The following symbols are used to denote the NAEP achievement levels: **A** for Advanced, **P+** for Proficient and above, **B+** for Basic and above, **BB** for Below Basic. The symbol **"#"** means that the estimated number of students rounds to zero.

GRADE LEVEL 4 - READING												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% of Stud. at Each Perf. Level				Avg. Scaled Score	% of Stud. at Each Perf. Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	237	16	50	83	17	100	220	7	32	66	34	100
Stud. w/ Disab	213	4	22	56	44	14	186	2	11	32	68	11
LEP/FLEP	204	1	12	46	54	7	188	1	7	30	70	11
African American/Black	216	3	24	61	39	9	205	2	16	49	51	16
Asian/Pacific Islander	243	25	56	85	15	6	234	17	49	79	21	5
Hispanic/Latino	216	4	23	62	38	14	205	2	18	50	50	23
White	243	18	59	89	11	68	230	10	42	77	23	52
Low-Income	218	4	25	66	34	33	207	2	18	52	48	52

GRADE LEVEL 4 - MATHEMATICS												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% of Stud. at Each Perf. Level				Avg. Scaled Score	% of Stud. at Each Perf. Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	253	13	58	93	7	100	240	6	40	82	18	100
Stud. w/ Disab	233	3	26	76	24	16	218	2	17	55	45	12
LEP/FLEP	228	2	20	72	28	7	219	1	14	58	42	11
African American/Black	235	3	27	81	19	9	224	1	17	66	34	16
Asian/Pacific Islander	267	30	76	98	2	6	256	20	62	91	9	5
Hispanic/Latino	236	4	32	80	20	15	229	2	24	72	28	24
White	258	15	67	96	4	68	249	9	52	91	9	52
Low-Income	239	4	36	83	17	34	229	2	24	73	27	52

GRADE LEVEL 8 - READING												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% of Stud. at Each Perf. Level				Avg. Scaled Score	% of Stud. at Each Perf. Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	275	6	46	84	16	100	264	3	32	75	25	100
Stud. w/ Disab	249	1	16	59	41	14	230	#	7	36	64	10
LEP/FLEP	211	#	1	17	83	3	223	#	3	29	71	5
African American/Black	255	2	20	68	32	7	248	1	14	58	42	16
Asian/Pacific Islander	288	14	61	90	10	4	275	8	46	82	18	5
Hispanic/Latino	248	1	18	59	41	13	251	1	18	63	37	22
White	282	8	53	91	9	73	272	4	41	84	16	54
Low-Income	257	1	25	70	30	32	251	1	18	63	37	48

GRADE LEVEL 8 - MATHEMATICS												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% of Stud. at Each Perf. Level				Avg. Scaled Score	% of Stud. at Each Perf. Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	299	15	51	86	14	100	283	8	34	72	28	100
Stud. w/ Disab	268	3	16	56	44	16	249	2	9	35	65	11
LEP/FLEP	247	1	8	33	67	3	244	1	5	28	72	6
African American/Black	275	4	26	65	35	8	262	1	13	50	50	16
Asian/Pacific Islander	320	39	72	94	6	4	302	22	55	85	15	6
Hispanic/Latino	273	3	21	64	36	13	269	3	20	60	40	23
White	304	17	58	91	9	73	293	10	43	83	17	54
Low-Income	280	5	29	72	28	33	269	2	19	59	41	48

### Participation Rates for Students with Disabilities and for English Language Learner Students

The NAEP program has always endeavored to assess all students selected for testing. In all NAEP schools, accommodations are provided as necessary for students with disabilities and/or English language learners. School staff who are familiar with these students are asked a series of questions to help them decide whether each student should participate in the assessment and whether the student needs accommodations.

Grade/Subject	# in Sample	% of Sample – Students with Disabilities	% of Sample – English Language Learners	% of Students Excluded from Original Sample
Grade 4 Reading	5,000	14	7	6
Grade 4 Mathematics	5,000	16	7	3
Grade 8 Reading	3,600	14	3	6
Grade 8 Mathematics	3,800	16	3	4

# 2012 MCAS Results by Subgroup by Grade and Subject

\* **NOTE:** First-year ELL students are not included in performance level or CPI results. However, first-year ELL students who took the MEPA test are counted as ELA participants; in addition, first-year ELL students who are present for Mathematics/Science and Technology/Engineering are counted as Mathematics/Science and Technology/Engineering participants. Please see the [principal's administration manual \(PAM\)](#) for details.

\* **NOTE:** Performance level percentages are not calculated for groups with fewer than 10 students. Median student growth percentiles (SGP) are not calculated if the number of students included in the aggregated SGP is less than 20.

\* **NOTE:** High Needs includes students with disabilities, low income students, and English language learner/former English language learner students.

Data Last Updated on September 27, 2012

GRADE LEVEL 10 - ENGLISH LANGUAGE ARTS																											
Student Group	School									District						State											
	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP			
	#	%	A	P	N	I	F	#	%	A	P	N	I	F	#	%	A	P	N	I	F	#	%	A	P	N	I
<b>Subgroups</b>																											
Students w/disabilities	43	96	2	70	28	0	91.9	55.0	41	43	96	2	70	28	0	91.9	55.0	41	11,604	95	8	52	28	12	85.8	45.0	9,139
ELL and Former ELL	10	100	10	90	0	0	100.0	N/A	10	10	100	10	90	0	0	100.0	N/A	10	3,909	95	4	43	40	13	77.0	59.0	2,001
Low income	117	99	19	72	9	0	97.2	47.0	105	117	99	19	72	9	0	97.2	47.0	105	22,743	97	17	60	19	5	91.3	45.0	18,051
High needs	144	99	16	72	12	0	96.5	49.0	132	144	99	16	72	12	0	96.5	49.0	132	29,799	96	16	60	19	6	91.0	46.0	23,738
Afr. Amer./Black	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	5,944	96	16	60	19	5	91.4	48.0	4,484
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	163	97	26	53	17	4	93.3	44.0	131
Asian	5	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	3,739	98	50	40	8	2	96.3	57.0	3,139
Hispanic/Latino	35	97	17	74	9	0	97.9	55.0	32	35	97	17	74	9	0	97.9	55.0	32	8,992	96	14	57	22	6	88.8	45.0	6,774
Multi-race, Non-Hisp./Lat.	20	100	15	75	10	0	97.5	N/A	18	20	100	15	75	10	0	97.5	N/A	18	1,392	97	38	51	9	2	96.1	48.0	1,219
Nat. Haw. or Pacif. Isl.	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	89	99	30	49	16	4	92.4	49.0	72
White	297	99	25	71	4	0	98.7	49.0	262	297	99	25	71	4	0	98.7	49.0	262	48,732	98	43	50	5	2	97.7	51.0	44,051
Male	203	100	21	73	5	0	98.5	50.0	182	203	100	21	73	5	0	98.5	50.0	182	35,032	98	32	54	11	3	95.0	52.0	30,051
Female	158	99	25	71	4	0	98.7	47.0	139	158	99	25	71	4	0	98.7	47.0	139	34,022	98	43	48	7	2	96.7	49.0	29,833
ELL	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2,868	94	1	34	49	16	71.3	54.0	1,124
<b>All Students</b>																											
2012	361	99	23	72	5	0	98.6	49.0	321	361	99	23	72	5	0	98.6	49.0	321	69,059	98	37	51	9	3	95.8	50.0	59,870
2011	359	100	18	69	13	0	95.8	49.5	312	359	100	18	69	13	0	95.8	49.5	312	69,532	98	33	51	13	3	93.9	50.0	60,697

GRADE LEVEL 10 - MATHEMATICS																											
Student Group	School									District						State											
	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP			
	#	%	A	P	N	I	F	#	%	A	P	N	I	F	#	%	A	P	N	I	F	#	%	A	P	N	I
<b>Subgroups</b>																											
Students w/disabilities	44	98	7	52	34	7	82.4	52.0	41	44	98	7	52	34	7	82.4	52.0	41	11,646	95	13	28	32	27	71.4	47.0	9,093
ELL and Former ELL	10	100	0	70	30	0	92.5	N/A	10	10	100	0	70	30	0	92.5	N/A	10	3,969	96	19	23	30	29	67.5	59.0	2,023
Low income	117	99	36	45	17	2	93.4	51.0	105	117	99	36	45	17	2	93.4	51.0	105	22,698	97	30	32	25	14	81.3	47.0	18,006
High needs	144	99	31	48	19	2	92.0	47.0	131	144	99	31	48	19	2	92.0	47.0	131	29,790	97	27	32	26	15	80.4	48.0	23,668
Afr. Amer./Black	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	5,941	97	28	31	26	14	80.5	52.0	4,494
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162	98	37	28	21	14	82.6	44.0	131
Asian	5	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	3,763	99	74	16	7	3	95.4	65.0	3,142
Hispanic/Latino	36	100	28	47	22	3	92.4	58.0	33	36	100	28	47	22	3	92.4	58.0	33	9,002	96	25	30	26	18	76.7	47.0	6,783
Multi-race, Non-Hisp./Lat.	19	95	47	47	5	0	98.7	N/A	17	19	95	47	47	5	0	98.7	N/A	17	1,396	97	48	30	16	6	89.9	47.0	1,228
Nat. Haw. or Pacif. Isl.	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	89	99	45	16	27	12	81.7	57.0	72
White	296	99	40	48	11	1	95.6	49.0	262	296	99	40	48	11	1	95.6	49.0	262	48,654	98	56	28	12	4	93.2	50.0	43,966
Male	201	99	40	49	9	1	95.6	48.0	182	201	99	40	49	9	1	95.6	48.0	182	35,031	98	49	28	15	8	89.0	48.0	30,063
Female	159	99	37	48	15	0	95.4	52.0	139	159	99	37	48	15	0	95.4	52.0	139	33,979	98	52	29	14	6	91.0	52.0	29,764
ELL	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2,917	96	13	19	33	35	61.6	56.0	1,141
<b>All Students</b>																											
2012	360	99	39	49	12	1	95.6	50.0	321	360	99	39	49	12	1	95.6	50.0	321	69,015	98	50	28	15	7	90.0	50.0	59,816
2011	360	100	41	45	12	2	94.8	54.5	316	360	100	41	45	12	2	94.8	54.5	316	69,342	98	48	29	16	7	89.4	50.0	60,599



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GRADE LEVEL 10 - SCIENCE AND TECH/ENG																											
Student Group	School									District						State											
	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP			
	#	%	A	P	NI	F			#	%	A	P	NI	F			#	%	A	P	NI	F					
<b>Subgroups</b>																											
Students w/disabilities	42	100	5	33	48	14	73.8	N/A	N/A	42	100	5	33	48	14	73.8	N/A	N/A	11,665	98	5	27	47	22	68.8	N/A	N/A
ELL and Former ELL	10	100	0	50	50	0	85.0	N/A	N/A	10	100	0	50	50	0	85.0	N/A	N/A	3,304	98	4	22	48	26	61.8	N/A	N/A
Low income	109	100	7	57	32	4	86.7	N/A	N/A	109	100	7	57	32	4	86.7	N/A	N/A	22,172	99	9	39	41	11	76.2	N/A	N/A
High needs	135	100	7	55	33	4	85.7	N/A	N/A	135	100	7	55	33	4	85.7	N/A	N/A	29,089	98	8	38	42	12	76.0	N/A	N/A
Afr. Amer./Black	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	5,668	99	7	38	43	13	74.7	N/A	N/A
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	160	97	14	44	34	8	81.7	N/A	N/A
Asian	5	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	3,570	99	43	37	16	4	91.5	N/A	N/A
Hispanic/Latino	37	100	5	43	46	5	81.8	N/A	N/A	37	100	5	43	46	5	81.8	N/A	N/A	8,664	98	6	32	46	16	70.8	N/A	N/A
Multi-race, Non-Hisp./Lat.	20	100	10	75	10	5	93.8	N/A	N/A	20	100	10	75	10	5	93.8	N/A	N/A	1,380	99	24	45	26	5	87.0	N/A	N/A
Nat. Haw. or Pacif. Isl.	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	88	99	16	40	33	11	81.3	N/A	N/A
White	275	100	12	64	22	1	91.5	N/A	N/A	275	100	12	64	22	1	91.5	N/A	N/A	48,026	99	29	48	20	3	91.1	N/A	N/A
Male	193	100	11	66	21	2	91.7	N/A	N/A	193	100	11	66	21	2	91.7	N/A	N/A	34,473	99	25	44	25	6	86.9	N/A	N/A
Female	148	100	11	59	28	2	89.2	N/A	N/A	148	100	11	59	28	2	89.2	N/A	N/A	33,083	99	24	45	26	5	87.1	N/A	N/A
ELL	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2,279	97	2	15	50	34	55.2	N/A	N/A
<b>All Students</b>																											
2012	341	100	11	63	24	2	90.6	N/A	N/A	341	100	11	63	24	2	90.6	N/A	N/A	67,556	99	24	45	25	6	87.0	N/A	N/A
2011	344	100	9	62	27	2	89.3	N/A	N/A	344	100	9	62	27	2	89.3	N/A	N/A	68,471	99	20	47	27	7	85.7	N/A	N/A

\* Note: Grade 10 Science and Technology/Engineering results represent the highest performance level attained by class of 2014 students in grades 9 or 10 in any of the four subjects (Biology, Chemistry, Introductory Physics, and Technology/Engineering). In addition, only students enrolled in Massachusetts since October 2010 are included in state-level results; only students enrolled in the same district since October 2010 are included in district-level results; only students enrolled in the same school since October 2010 are included in school-level results.

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ALL GRADES - ENGLISH LANGUAGE ARTS																											
Student Group	School									District						State											
	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP	Stud. Incl	Part. Rate	% of Stud. at Each Perf Lvl			CPI	SGP	Inc in SGP			
	#	%	A	P	NI	W			#	%	A	P	NI	W			#	%	A	P	NI	W					
<b>Subgroups</b>																											
Students w/disabilities	43	96	2	70	28	0	91.9	55.0	41	43	96	2	70	28	0	91.9	55.0	41	91,757	98	3	28	38	32	67.3	43.0	66,785
ELL and Former ELL	10	100	10	90	0	0	100.0	N/A	10	10	100	10	90	0	0	100.0	N/A	10	45,367	99	4	30	40	26	66.2	51.0	29,933
Low income	117	99	19	72	9	0	97.2	47.0	105	117	99	19	72	9	0	97.2	47.0	105	180,261	99	7	43	34	16	76.7	45.0	137,185
High needs	144	99	16	72	12	0	96.5	49.0	132	144	99	16	72	12	0	96.5	49.0	132	235,216	99	6	42	34	17	76.5	46.0	177,719
Afr. Amer./Black	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	41,346	99	7	43	34	17	76.5	47.0	31,098
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,184	99	10	49	29	12	82.0	47.0	897
Asian	5	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	27,788	99	30	47	17	6	90.2	59.0	21,439
Hispanic/Latino	35	97	17	74	9	0	97.9	55.0	32	35	97	17	74	9	0	97.9	55.0	32	74,705	99	6	39	35	20	73.5	46.0	55,322
Multi-race, Non-Hisp./Lat.	20	100	15	75	10	0	97.5	N/A	18	20	100	15	75	10	0	97.5	N/A	18	12,765	99	19	49	23	9	86.3	50.0	9,784
Nat. Haw. or Pacif. Isl.	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	539	99	17	48	23	12	84.9	52.0	406
White	297	99	25	71	4	0	98.7	49.0	262	297	99	25	71	4	0	98.7	49.0	262	339,049	99	22	54	18	5	90.6	51.0	276,785
Male	203	100	21	73	5	0	98.5	50.0	182	203	100	21	73	5	0	98.5	50.0	182	254,654	99	14	50	25	11	84.4	48.0	200,808
Female	158	99	25	71	4	0	98.7	47.0	139	158	99	25	71	4	0	98.7	47.0	139	242,830	99	24	51	19	6	89.2	52.0	194,978
ELL	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	31,048	98	1	21	44	34	58.6	49.0	18,640
<b>All Students</b>																											
2012	361	99	23	72	5	0	98.6	49.0	321	361	99	23	72	5	0	98.6	49.0	321	497,549	99	19	50	22	9	86.7	50.0	395,772
2011	359	100	18	69	13	0	95.8	49.5	312	359	100	18	69	13	0	95.8	49.5	312	497,258	99	17	52	23	8	87.2	50.0	396,182

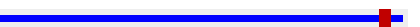




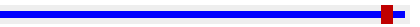








# 2012 Accountability Data - Montachusett Regional Vocational Technical






Accountability Information	
Accountability and Assistance Level	
<b>Level 1</b>	Meeting gap narrowing goals
This school's determination of need for special education technical assistance or intervention	
<b>Meets Requirements (MR)</b>	
This school's overall performance relative to other schools in same grade span (School percentiles: 1-99)	
<b>All students:</b>	

This school's progress toward narrowing proficiency gaps (Cumulative Progress and Performance Index: 1-100)					
Student Group (Click group to view subgroup data)	On Target = 75 or higher - ■	Less progress	More progress		
All students				85	Met Target
High needs				75	Met Target
Low income				79	Met Target
ELL and Former ELL				-	
Students w/disabilities				76	Met Target
Amer. Ind. or Alaska Nat.				-	
Asian				-	
Afr. Amer./Black				-	
Hispanic/Latino				84	Met Target
Multi-race, Non-Hisp./Lat.				-	
Nat. Haw. or Pacif. Isl.				-	
White				91	Met Target

**Montachusett Regional Vocational Technical:  
Accountability Data Detail**

2012 English Language Arts Proficiency Gap Narrowing										
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2011 CPI (Baseline)	CPI Change	2012 Target	2012 CPI	Percentile in Grade Span	N	PPI Points	Rating
All Students		97.9	95.8	2.8	96.2	98.6	68	361	100	Above Target
High needs		96.6	93.2	3.3	93.8	96.5	76	144	100	Above Target
Low income		97.3	94.5	2.7	95.0	97.2	84	117	100	Above Target
ELL and Former ELL		-	-	-	-	-	-	10	-	-
Students w/disabilities		93.2	86.3	5.6	87.4	91.9	64	43	100	Above Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	-	-
Asian		-	-	-	-	-	-	5	-	-
Afr. Amer./Black		-	-	-	-	-	-	3	-	-
Hispanic/Latino		95.7	91.3	6.6	92.0	97.9	<b>95</b>	35	100	Above Target
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	20	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	1	-	-
White		98.2	96.4	2.3	96.7	98.7	58	297	100	Above Target

2012 Mathematics Proficiency Gap Narrowing										
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2011 CPI (Baseline)	CPI Change	2012 Target	2012 CPI	Percentile in Grade Span	N	PPI Points	Rating
All Students		97.4	94.8	0.8	95.2	95.6	72	360	75	On Target
High needs		95.7	91.3	0.7	92.0	92.0	85	144	75	On Target
Low income		96.9	93.7	-0.3	94.2	93.4	<b>91</b>	117	75	On Target
ELL and Former ELL		-	-	-	-	-	-	10	-	-
Students w/disabilities		90.7	81.3	1.1	82.9	82.4	72	44	75	On Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	-	-
Asian		-	-	-	-	-	-	5	-	-
Afr. Amer./Black		-	-	-	-	-	-	3	-	-
Hispanic/Latino		95.1	90.1	2.3	90.9	92.4	<b>92</b>	36	100	Above Target
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	19	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	1	-	-
White		98.0	96.0	-0.4	96.3	95.6	61	296	75	On Target

2012 Science Proficiency Gap Narrowing										
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2011 CPI (Baseline)	CPI Change	2012 Target	2012 CPI	Percentile in Grade Span	N	PPI Points	Rating
High needs		92.0	83.9	1.8	85.2	85.7	71	135	75	On Target
Low income		93.3	86.5	0.2	87.6	86.7	76	109	75	On Target
ELL and Former ELL		-	-	-	-	-	-	10	-	-
Students w/disabilities		86.3	72.6	1.2	74.9	73.8	59	42	75	On Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	-	-
Asian		-	-	-	-	-	-	5	-	-
Afr. Amer./Black		-	-	-	-	-	-	3	-	-
Hispanic/Latino		91.7	83.3	-1.5	84.7	81.8	89	37	25	No Change
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	20	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	1	-	-
White		95.4	90.8	0.7	91.6	91.5	43	275	75	On Target

2012 English Language Arts Extra Credit								
	Extra credit for increasing % Advanced (10% or more)				Extra credit for decreasing % Warning/Failing (10% or more)			
	Advanced Baseline %	2012 % Advanced	N	PPI Points Awarded	Warning/Failing Baseline %	2012 % Warning/Failing	N	PPI Points Awarded
All Students	17.8	23.0	361	25	0.0	0.0	361	25
High needs	9.9	16.0	144	25	0.0	0.0	144	25
Low income	11.9	18.8	117	25	0.0	0.0	117	25
ELL and Former ELL	-	-	10	-	-	-	10	-
Students w/disabilities	6.3	2.3	43	0	0.0	0.0	43	25
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-
Asian	-	-	5	-	-	-	5	-
Afr. Amer./Black	-	-	3	-	-	-	3	-
Hispanic/Latino	11.6	17.1	35	25	0.0	0.0	35	25
Multi-race, Non-Hisp./Lat.	-	-	20	-	-	-	20	-
Nat. Haw. or Pacif. Isl.	-	-	1	-	-	-	1	-
White	18.7	24.6	297	25	0.0	0.0	297	25



2012 Mathematics Extra Credit								
	Extra credit for increasing % Advanced (10% or more)				Extra credit for decreasing % Warning/Failing (10% or more)			
	Advanced Baseline %	2012 % Advanced	N	PPI Points Awarded	Warning/Failing Baseline %	2012 % Warning/Failing	N	PPI Points Awarded
All Students	41.4	38.6	360	0	1.7	0.8	360	25
High needs	34.4	30.6	144	0	3.7	2.1	144	25
Low income	42.0	35.9	117	0	4.2	1.7	117	25
ELL and Former ELL	-	-	10	-	-	-	10	-
Students w/disabilities	10.9	6.8	44	0	7.8	6.8	44	25
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-
Asian	-	-	5	-	-	-	5	-
Afr. Amer./Black	-	-	3	-	-	-	3	-
Hispanic/Latino	32.6	27.8	36	0	7.0	2.8	36	25
Multi-race, Non-Hisp./Lat.	-	-	19	-	-	-	19	-
Nat. Haw. or Pacif. Isl.	-	-	1	-	-	-	1	-
White	43.7	39.9	296	0	0.4	0.7	296	0

2012 Science Extra Credit								
	Extra credit for increasing % Advanced (10% or more)				Extra credit for decreasing % Warning/Failing (10% or more)			
	Advanced Baseline %	2012 % Advanced	N	PPI Points Awarded	Warning/Failing Baseline %	2012 % Warning/Failing	N	PPI Points Awarded
All Students	9.0	11.1	341	25	2.3	2.1	341	0
High needs	8.4	7.4	135	0	4.5	4.4	135	0
Low income	8.8	7.3	109	0	3.5	3.7	109	0
ELL and Former ELL	-	-	10	-	-	-	10	-
Students w/disabilities	4.8	4.8	42	0	9.7	14.3	42	0
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-
Asian	-	-	5	-	-	-	5	-
Afr. Amer./Black	-	-	3	-	-	-	3	-
Hispanic/Latino	4.8	5.4	37	25	9.5	5.4	37	25
Multi-race, Non-Hisp./Lat.	-	-	20	-	-	-	20	-
Nat. Haw. or Pacif. Isl.	-	-	1	-	-	-	1	-
White	10.0	12.4	275	25	1.1	1.5	275	0

2012 English Language Arts Growth									
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2011 SGP (Baseline)	SGP Change	2012 SGP	N	Met Safe Harbor?	PPI Points	Rating
All Students		51.0	49.5	-0.5	49.0	321	Yes	75	On Target
High needs		51.0	45.0	4.0	49.0	132	Yes	75	On Target
Low income		51.0	46.0	1.0	47.0	105	Yes	75	On Target
ELL and Former ELL		51.0	-	-	-	10	-	-	-
Students w/disabilities		51.0	38.0	17.0	55.0	41	Yes	100	Above Target
Amer. Ind. or Alaska Nat.		51.0	-	-	-	-	-	-	-
Asian		51.0	-	-	-	5	-	-	-
Afr. Amer./Black		51.0	-	-	-	3	-	-	-
Hispanic/Latino		51.0	35.0	20.0	55.0	32	Yes	100	Above Target
Multi-race, Non-Hisp./Lat.		51.0	-	-	-	18	-	-	-
Nat. Haw. or Pacif. Isl.		51.0	-	-	-	1	-	-	-
White		51.0	49.0	0.0	49.0	262	Yes	75	On Target

2012 Mathematics Growth									
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2011 SGP (Baseline)	SGP Change	2012 SGP	N	Met Safe Harbor?	PPI Points	Rating
All Students		51.0	54.5	-4.5	50.0	321	No	50	Below Target
High needs		51.0	53.0	-6.0	47.0	131	No	50	Below Target
Low income		51.0	53.0	-2.0	51.0	105	No	75	On Target
ELL and Former ELL		51.0	-	-	-	10	-	-	-
Students w/disabilities		51.0	48.5	3.5	52.0	41	No	75	On Target
Amer. Ind. or Alaska Nat.		51.0	-	-	-	-	-	-	-
Asian		51.0	-	-	-	5	-	-	-
Afr. Amer./Black		51.0	-	-	-	3	-	-	-
Hispanic/Latino		51.0	56.0	2.0	58.0	33	No	75	On Target
Multi-race, Non-Hisp./Lat.		51.0	-	-	-	17	-	-	-
Nat. Haw. or Pacif. Isl.		51.0	-	-	-	1	-	-	-
White		51.0	56.0	-7.0	49.0	262	No	50	Below Target

2011 4-Year Cohort Graduation Rate									
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2010 Rate (Baseline)	Change	Annual Target	Cohort Graduation Rate	N	PPI Points	Rating
All Students		90.0	91.5	4.1	75.0	95.6	298	100	Above Target
High needs		90.0	89.2	3.7	75.0	92.9	155	75	On Target
Low income		90.0	88.1	4.9	75.0	93.0	128	75	On Target
ELL and Former ELL		90.0	-	-	75.0	-	2	-	-
Students w/disabilities		90.0	92.6	-2.4	75.0	90.2	51	75	On Target
Amer. Ind. or Alaska Nat.		90.0	-	-	75.0	-	-	-	-
Asian		90.0	-	-	75.0	-	5	-	-
Afr. Amer./Black		90.0	-	-	75.0	-	7	-	-
Hispanic/Latino		90.0	87.5	10.1	75.0	97.6	41	100	Above Target
Multi-race, Non-Hisp./Lat.		90.0	-	-	75.0	-	17	-	-
Nat. Haw. or Pacif. Isl.		90.0	-	-	75.0	-	-	-	-
White		90.0	91.4	4.2	75.0	95.6	228	100	Above Target

2010 5-Year Cohort Graduation Rate									
	0 10 20 30 40 50 60 70 80 90 100	6 Year Goal	2009 Rate (Baseline)	Change	Annual Target	Cohort Graduation Rate	N	PPI Points	Rating
All Students		95.0	93.9	-0.1	80.0	93.8	306	75	On Target
High needs		95.0	90.6	0.3	80.0	90.9	176	75	On Target
Low income		95.0	90.4	-0.9	80.0	89.5	143	75	On Target
ELL and Former ELL		95.0	-	-	80.0	-	8	-	-
Students w/disabilities		95.0	88.1	4.5	80.0	92.6	54	75	On Target
Amer. Ind. or Alaska Nat.		95.0	-	-	80.0	-	-	-	-
Asian		95.0	-	-	80.0	-	3	-	-
Afr. Amer./Black		95.0	-	-	80.0	-	1	-	-
Hispanic/Latino		95.0	86.8	0.7	80.0	87.5	48	75	On Target
Multi-race, Non-Hisp./Lat.		95.0	-	-	80.0	-	21	-	-
Nat. Haw. or Pacif. Isl.		95.0	-	-	80.0	-	-	-	-
White		95.0	95.1	-0.7	80.0	94.4	233	75	On Target

2011 Annual Dropout Rate										
	0 2 4 6 8 10 12 14 16 18 20	6 Year Goal	2010 Rate (Baseline)	Change	Annual Target	Annual Dropout Rate	Percentile in Grade Span	N	PPI Points	Rating
High needs		0.4	0.8	-0.1	0.7	0.9	82	568	25	No Change
Low income		0.5	0.9	0.0	0.8	0.9	83	428	25	No Change
ELL and Former ELL		-	-	-	-	-	-	11	-	-
Students w/disabilities		0.7	1.4	0.9	1.3	0.5	84	203	75	On Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	1	-	-
Asian		-	-	-	-	-	-	30	-	-
Afr. Amer./Black		-	-	-	-	-	-	24	-	-
Hispanic/Latino		0.5	1.0	1.0	0.9	0.0	99	181	100	Above Target
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	61	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	1	-	-
White		0.4	0.8	0.3	0.7	0.5	79	1102	75	On Target

2012 MCAS Participation												
	English Language Arts				Mathematics				Science			
	Enrolled	Assessed	%	Met Target (95%)	Enrolled	Assessed	%	Met Target (95%)	Enrolled	Assessed	%	Met Target (95%)
All Students	364	361	99	Yes	363	360	99	Yes	341	341	100	Yes
High needs	146	144	99	Yes	146	144	99	Yes	135	135	100	Yes
Low income	118	117	99	Yes	118	117	99	Yes	109	109	100	Yes
ELL and Former ELL	10	-	-	-	10	-	-	-	10	-	-	-
Students w/disabilities	45	43	96	Yes	45	44	98	Yes	42	42	100	Yes
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-
Asian	5	-	-	-	5	-	-	-	5	-	-	-
Afr. Amer./Black	3	-	-	-	3	-	-	-	3	-	-	-
Hispanic/Latino	36	35	97	Yes	36	36	100	Yes	37	37	100	Yes
Multi-race, Non-Hisp./Lat.	20	-	-	-	20	-	-	-	20	-	-	-
Nat. Haw. or Pacif. Isl.	1	-	-	-	1	-	-	-	1	-	-	-
White	299	297	99	Yes	298	296	99	Yes	275	275	100	Yes



# About the Data

## Enrollment and Educator Data

### Notes:

The total number of teachers is displayed as the full-time equivalency count of teachers rounded to one place after the decimal.

"Social Studies" is not a core academic subject area as defined by ESEA. However, in Massachusetts it is understood that there are teachers licensed in social studies who may be teaching other core subject areas such as "geography, civics/government, or economics" under the social studies license. For this reason, districts are advised that teachers teaching under a social studies license must be highly qualified in the ESEA-defined core subject areas they are teaching.

The waiver data included in this 2012 report card reflects only academic waivers issued during the 2011-2012 school year; it does NOT include critical shortage waivers. The schools included in the data are those in school districts and Horace Mann charter schools, all of whose teachers are required to hold an appropriate license per M.G.L. c.71, §38G. Important information about waivers:

- Waivers are valid for only one school year
- The data does not indicate whether a teacher taught under a waiver for the full year; many teachers receive the appropriate license during the school year
- The district may apply for subsequent waivers, should a teacher not obtain licensure while working under a first year waiver, but must demonstrate that the educator is making significant progress toward obtaining the required license
- The waiver percentage is based on the total number of individual for whom ESE issued academic waivers, divided by the total number of teachers in the district, as reported in the October 2010 EPIMS data collection
- A single teacher on a waiver in a smaller district would have a greater impact than on a larger district and the waiver percentages, therefore, are not comparable between districts
- Teachers in Commonwealth charter schools are required either to be licensed or to pass the teacher test, (M.G.L. c.71, §89 (ii) and 603 CMR 1.07), and are therefore not included in the data
- Horace Mann Charter School teachers are required to hold an appropriate license (M.G.L. c.71, §38G) and are therefore included in the data

## Student Groups (2011-12 School Year)

**African American/Black:** A person having origins in any of the black racial groups of Africa.

**Asian:** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent.

**First Language not English:** A student whose first language learned or used by the parent/guardian with the child is not English.

**Former ELL:** A student who has transitioned out of English Language Learner (ELL) status during the current school year or within the past two school years.

**Hispanic/Latino:** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

**English Language Learner (ELL):** A student whose first language is a language other than English who is unable to perform ordinary classroom work in English.

**High needs:** An unduplicated count of all students in a school or district belonging to at least one of the following individual subgroups: students with disabilities, English language learners (ELL) and former ELL students, or low income students (eligible for free/reduced price school lunch).

**Low income:** An indication of whether a student is eligible for free or reduced price lunch; or the student receives Transitional Aid to Families benefits; or the student is eligible for food stamps.

**Migrant:** An indication of whether an individual or a parent/guardian accompanying an individual maintains primary employment in one or more agricultural or fishing activities on a seasonal or other temporary basis and establishes a temporary residence for the purposes of such employment.

**Multi-race, Non-Hispanic/Latino:** A person selecting more than one racial category and non-Hispanic.

**American Indian or Alaska Native:** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

**Native Hawaiian or Pacific Islander:** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

**Students with disabilities:** A student who has an Individualized Education Program (IEP) as defined under the Individuals with Disabilities Education Act.

**White:** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

## MCAS Data (Spring 2012 Results)

MCAS performance levels include Advanced (A) in grades 3-8 and 10; Proficient (P) in grades 3-8 and 10; Needs Improvement (NI) in grades 3-8 and 10; Warning (W) in grades 3-8; and Failing (F) in grade 10.

**Advanced:** Students demonstrate a comprehensive and in-depth understanding of rigorous subject matter and provide sophisticated solutions to complex problems.

**Proficient:** Students demonstrate a solid understanding of challenging subject matter and solve a wide variety of problems.

**Needs Improvement:** Students demonstrate a partial understanding of subject matter and solve some simple problems.

**Warning/Failing:** Students demonstrate a minimal understanding of subject matter and do not solve simple problems.

**CPI:** Massachusetts uses the 100-point Composite Performance Index (CPI) to measure progress towards this goal of narrowing proficiency gaps. The CPI assigns 100, 75, 50, 25, or 0 points to each student participating in MCAS and MCAS-Alternate Assessment tests based how close they came to scoring

Proficient or Advanced. (For example, all students scoring Proficient or Advanced are assigned 100 CPI points; students with very low MCAS scores are assigned 0 CPI points.) The CPI is calculated by dividing the total number of points by the number of students in the group. The result is a number between 0 and 100. A CPI of 100 means that all students in a group are proficient.

MCAS Performance Level (Scaled Score Range)	MCAS-Alt Performance Level	Points Per Student
Proficient or Advanced (240-280)	Progressing (Certain disability types)*	100
Needs Improvement High (230-238)	Progressing or Emerging	75
Needs Improvement Low (220-228)	Awareness	50
Warning / Failing High (210-218)	Portfolio Incomplete	25
Warning / Failing Low (200-208)	Portfolio not Submitted	0

\* Intellectual, Sensory/Deaf and Blind, Multiple Disabilities, Autism, and Developmental Delay

**SGP:** Each student who participated in the MCAS ELA or Mathematics tests in grades 4-8 or 10 and who also took the last MCAS test in that subject receives a Student Growth Percentile (SGP) score. The SGP compares a student's MCAS score with the scores of all students in the state at that grade level who received similar MCAS scores in prior years. SGPs range from 1 to 99, with 50 being average; higher numbers represent higher growth and lower numbers represent lower growth. An SGP of 75, for example, means the student's progress is higher than 75 percent and lower than 25 percent of the students in the state with similar prior test scores. This method works independently of MCAS performance levels. Therefore, all students, no matter the scores they earned on past MCAS tests, have an equal chance to demonstrate growth at any of the 99 percentiles. School and district growth percentiles represent the growth of the median, or middle, student in the school or district. Most school and district median SGPs tend to range between 40 and 60. Schools outside of that range are showing less or more growth than the typical school in Massachusetts. For more information, go to <http://www.doe.mass.edu/mcas/growth/>

## Accountability Data (2012)

### Accountability and Assistance Levels

All Massachusetts schools and districts with sufficient data are classified into one of five accountability and assistance levels (1-5), with the highest performing in Level 1 and lowest performing in Level 5. In general, a district is classified into the level of its lowest performing school, unless the district was independently classified into Level 4 or 5 as a result of action by the Board of Elementary and Secondary Education.

### Determination of need for special education technical assistance or intervention

The U.S. Department of Education requires Massachusetts to determine which districts (including single school districts) have specific needs for technical assistance or intervention in the area of special education. A district's determination is based on five categories: Meets Requirements (MR); Meets Requirements-At Risk (MRAR); Needs Technical Assistance (NTA); Needs Intervention (NI); and Needs Substantial Intervention (NSI). In most cases these categories correspond to the district's accountability and assistance level, except when the district has specific compliance needs. This designation helps signal whether outcomes for all students in the district indicate progress, including that of students with disabilities, or whether technical assistance and/or intervention is needed to improve outcomes for all children, especially students with disabilities. Upon classification of a district into Level 3, two additional focus areas for special education will be reviewed at the district level and may require action: (A) over-identification of low-income students as eligible for special education and (B) inordinate separation of students with disabilities across low income and/or racial groups.

### School Percentiles

A school percentile between 1 and 99 is reported for schools with at least four years of data. This number is an indication of the school's overall performance relative to other schools that serve the same or similar grades.

### Cumulative Progress and Performance Index (PPI)

The cumulative PPI combines information about narrowing proficiency gaps, growth, and graduation and dropout rates over four years into a single number between 0 and 100. For a group to be considered to be making progress toward narrowing proficiency gaps, its cumulative PPI must be 75 or higher.

For more information on the Elementary and Secondary Education Act, please visit <http://www.doe.mass.edu/apa/titlei/esea/default.html>.

For a detailed profile of Massachusetts, please visit <http://profiles.doe.mass.edu/profiles/general.aspx?orgcode=00000000>.

For detailed information about the accountability report, please visit <http://www.doe.mass.edu/apa/accountability/default.html>.

For more information on any of the terms used in this report card, please visit <http://profiles.doe.mass.edu/help/data.aspx>.