

## Massachusetts School and District Profiles

### Needham High

#### Needham High (01990505)

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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 (2016-17 School Year)

### [About the Data](#)

	School	District	State
<b>Total Count</b>	1,659	5,588	953,748
<b>Race/Ethnicity (%)</b>			
African American or Black	3.4	2.9	8.9
Asian	7.7	8.4	6.7
Hispanic or Latino	5.0	5.4	19.4
Multi-race, Non-Hispanic	3.0	4.6	3.4
Native American	0.1	0.1	0.2
Native Hawaiian or Pacific Islander	0.1	0.0	0.1
White	80.8	78.5	61.3
<b>Gender (%)</b>			
Male	49.7	49.4	51.3
Female	50.3	50.6	48.7
<b>Selected Populations (%)</b>			
English Language Learner	0.5	2.5	9.5
Economically Disadvantaged	5.5	5.4	30.2
Students w/Disabilities	15.6	16.3	17.4
First Language Not English	8.0	9.3	20.1

### Enrollment (2016-17)

	School	District	State
Total # of Teachers	122.0	402.0	72,090.0
Percentage of Teachers Licensed in Teaching Assignment	99.5	99.2	97.4
Total Number of Classes in Core Academic Areas	505	1,867	349,066
Percentage of Core Academic Classes Taught by Teachers Who are Highly Qualified	100.0	99.3	96.3
Percentage of Core Academic Classes Taught by Teachers Who are Not Highly Qualified	-	-	3.4
Student/Teacher Ratio	13.6 to 1	13.9 to 1	13.2 to 1
Percentage of Public Elementary and Secondary School Teachers Issued Waivers	-	0.9	1.1

### Educator Data (2016-17)

09, 10, 11, 12

### Grades Offered:

## 2017 Next Generation MCAS Results by Subgroup by Grade and Subject

[More about the data](#)

Data Last Updated on October 18, 2017

**Note:** School achievement percentiles (1-99) compare each group's average scaled score to the average scaled scores of the same group from all public schools across the state. Only students enrolled in the same school since October 1 are included in calculations, and groups with fewer than 10 students do not receive percentiles.

## 2017 MCAS Results by Subgroup by Grade and Subject

**NOTE:** First-year ELL students are not included in achievement level or CPI results. However, first-year ELL

students who took the ACCESS for ELLs 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.

[More about the data](#)

Data Last Updated on October 18, 2017

GRADE LEVEL 10 - ENGLISH LANGUAGE ARTS																											
Student Group	School							District							State												
	Stud. Incl.	Part. Rate	% at Each Level				CPI	SGP	Incl. in SGP (#)	Stud. Incl.	Part. Rate	% at Each Level				CPI	SGP	Incl. in SGP (#)	Stud. Incl.	Part. Rate	% at Each Level				CPI	SGP	Incl. in SGP (#)
	#	%	A	P	N	I	F			#	%	A	P	N	I	F			#	%	A	P	N	I	F		
<b>Subgroups</b>																											
Students w/disabilities	68	100	25	66	6	3	97.4	49.0	63	75	96	25	63	8	4	97.0	49.5	64	12,045	95	12	57	20	12	88.8	42.0	9,657
ELL and Former ELL	6	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	5,393	93	8	51	26	14	81.1	50.0	3,096
Econ. Disadvantaged	17	100	35	59	6	0	98.5	N/A	13	18	95	33	56	11	0	97.2	N/A	13	20,919	96	26	55	13	6	92.4	44.0	16,770
High needs	82	100	28	65	5	2	97.9	49.0	70	89	97	28	62	7	3	97.5	49.0	71	29,328	96	23	56	14	7	92.0	45.0	23,442
Afr. Amer./Black	16	100	44	50	6	0	98.4	N/A	16	16	94	44	50	6	0	98.4	N/A	16	6,118	97	28	56	11	5	94.3	46.0	4,831
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	152	97	33	56	9	3	96.4	51.0	127
Asian	40	100	88	13	0	0	100.0	69.5	36	40	100	88	13	0	0	100.0	69.5	36	4,483	98	64	30	4	2	98.0	57.0	3,868
Hispanic/Latino	20	100	70	25	5	0	98.8	N/A	19	20	100	70	25	5	0	98.8	N/A	19	11,702	95	25	53	15	7	90.7	47.0	9,110
Multi-race, Non-Hisp./Lat.	16	100	56	44	0	0	100.0	N/A	14	16	100	56	44	0	0	100.0	N/A	14	1,999	98	48	45	6	2	97.2	49.0	1,741
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	97	48	34	7	11	91.0	52.5	50
White	349	100	70	29	1	1	99.6	52.0	319	356	99	69	29	1	1	99.5	52.5	320	45,753	99	54	41	4	2	98.1	51.0	41,130
Male	223	100	63	35	1	0	99.4	58.0	204	227	99	62	35	2	1	99.3	58.0	205	35,537	98	39	49	8	4	95.5	50.0	30,528
Female	218	100	77	22	0	0	99.8	50.0	200	221	100	76	22	1	0	99.7	50.0	200	34,715	98	56	38	4	2	97.6	50.0	30,316
ELL	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3,375	91	2	39	37	22	72.0	43.0	1,402
Ever ELL	30	100	50	43	7	0	98.3	56.0	26	31	100	48	45	6	0	98.4	56.0	26	12,097	96	28	50	15	7	90.1	51.0	9,203
<b>All Students</b>																											
2017	441	100	70	29	1	0	99.6	53.5	404	448	99	69	29	1	1	99.5	54.0	405	70,268	98	47	44	6	3	96.5	50.0	60,857
2016	390	100	71	28	1	0	99.7	43.0	360	400	99	69	29	1	0	99.6	42.0	366	69,938	98	47	45	6	3	96.7	50.0	60,642

**GRADE LEVEL 10 - MATHEMATICS**

Student Group	School								District								State										
	Stud. Incl	Part. Rate	% at Each Level					Incl. in SGP (#)	Stud. Incl	Part. Rate	% at Each Level					Incl. in SGP (#)	Stud. Incl	Part. Rate	% at Each Level					Incl. in SGP (#)			
	#	%	A	P	N	I	F	#	%	A	P	N	I	F	#	%	A	P	N	I	F	#					
<b>Subgroups</b>																											
Students w/disabilities	65	96	25	43	28	5	88.1	59.0	59	74	95	26	39	28	7	86.5	58.0	60	12,124	96	14	27	30	28	71.1	45.0	9,615
ELL and Former ELL	6	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	5,442	97	16	23	30	30	65.8	46.0	3,091
Econ. Disadvantaged	17	100	47	41	12	0	95.6	N/A	13	20	100	45	35	20	0	93.8	N/A	13	20,962	97	30	30	23	16	80.0	43.0	16,667
High needs	79	96	30	43	23	4	90.2	55.0	66	89	96	30	39	25	6	88.5	56.0	67	29,424	97	27	31	25	17	79.1	45.0	23,335
Afr. Amer./Black	15	94	33	33	33	0	86.7	N/A	15	16	89	31	31	38	0	85.9	N/A	15	6,159	98	30	31	24	15	80.8	44.0	4,824
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154	98	40	33	20	7	87.7	53.5	126
Asian	40	100	93	5	3	0	99.4	73.5	36	40	100	93	5	3	0	99.4	73.5	36	4,486	99	77	14	6	3	96.1	161.0	3,766
Hispanic/Latino	20	100	65	25	10	0	95.0	N/A	19	20	100	65	25	10	0	95.0	N/A	19	11,754	97	28	29	24	19	77.4	43.0	9,067
Multi-race, Non-Hisp./Lat.	16	100	75	13	13	0	95.3	N/A	14	16	100	75	13	13	0	95.3	N/A	14	1,996	98	54	25	14	7	90.0	50.0	1,738
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	100	55	18	18	10	88.3	58.0	52
White	345	99	77	19	3	1	98.8	48.0	316	354	99	76	19	4	1	98.2	48.0	317	45,729	99	60	26	10	4	93.7	51.0	40,980
Male	220	99	78	17	5	0	98.0	51.5	202	227	99	76	16	6	1	97.1	52.0	203	35,643	98	52	25	14	9	89.0	52.0	30,320
Female	216	99	75	19	4	1	98.3	43.0	198	219	99	75	20	5	1	98.1	43.0	198	34,682	98	53	27	13	6	90.8	48.0	30,221
ELL	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	3,416	96	8	18	32	42	55.8	40.0	1,408
Ever ELL	29	97	76	14	10	0	94.8	66.0	25	30	97	73	17	10	0	95.0	66.0	25	12,150	98	35	26	22	17	79.2	48.0	9,143
<b>All Students</b>																											
2017	436	99	77	18	5	1	98.1	49.0	400	446	99	76	18	5	1	97.6	49.0	401	70,340	98	53	26	14	8	89.9	50.0	60,553
2016	388	99	81	13	5	1	97.5	52.0	361	398	99	79	14	6	1	97.1	52.0	367	69,954	98	54	24	15	8	89.7	50.0	60,820

GRADE LEVEL 10 - SCIENCE AND TECH/ENG																																			
Student Group	School								District								State																		
	Stud. Incl	Part. Rate	% at Each Level					CPI	SGP	Incl. in SGP (#)	Stud. Incl	Part. Rate	% at Each Level					CPI	SGP	Incl. in SGP (#)	Stud. Incl	Part. Rate	% at Each Level					CPI	SGP	Incl. in SGP (#)					
	#	%	A	P	N	I	F			#	%	A	P	N	I	F			#	%	A	P	N	I	F			#	%	A	P	N	I	F	
<b>Subgroups</b>																																			
Students w/disabilities	65	99	18	49	29	3	90.4	N/A	N/A	74	97	19	46	30	5	89.2	N/A	N/A	11,976	98	7	32	42	19	73.6	N/A	N/A								
ELL and Former ELL	3	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	4,579	98	5	25	48	23	64.6	N/A	N/A								
Econ. Disadvantaged	14	100	36	50	14	0	92.9	N/A	N/A	16	100	31	50	19	0	92.2	N/A	N/A	19,906	98	14	40	35	11	79.4	N/A	N/A								
High needs	74	99	20	50	27	3	91.2	N/A	N/A	83	98	20	47	28	5	90.1	N/A	N/A	28,021	98	13	39	37	12	79.1	N/A	N/A								
Afr. Amer./Black	15	94	27	53	20	0	91.7	N/A	N/A	15	89	27	53	20	0	91.7	N/A	N/A	5,751	99	13	40	36	10	79.8	N/A	N/A								
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	98	20	44	32	5	86.0	N/A	N/A								
Asian	37	100	81	19	0	0	100.0	N/A	N/A	37	100	81	19	0	0	100.0	N/A	N/A	4,285	99	53	33	12	2	94.2	N/A	N/A								
Hispanic/Latino	18	100	56	28	17	0	94.4	N/A	N/A	18	100	56	28	17	0	94.4	N/A	N/A	10,989	98	12	38	37	13	77.1	N/A	N/A								
Multi-race, Non-Hisp./Lat.	16	100	44	56	0	0	100.0	N/A	N/A	16	100	44	56	0	0	100.0	N/A	N/A	1,952	99	34	41	20	4	89.9	N/A	N/A								
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	100	38	33	19	10	86.6	N/A	N/A								
White	344	100	61	33	6	1	98.3	N/A	N/A	353	100	60	33	6	1	97.9	N/A	N/A	44,882	99	37	45	15	3	93.2	N/A	N/A								
Male	214	100	62	30	7	0	97.7	N/A	N/A	220	100	61	30	8	1	97.2	N/A	N/A	34,355	99	32	41	21	6	88.7	N/A	N/A								
Female	216	100	59	37	4	0	98.6	N/A	N/A	219	100	58	37	5	0	98.4	N/A	N/A	33,691	99	32	44	20	4	90.1	N/A	N/A								
ELL	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2,663	97	1	13	51	35	53.8	N/A	N/A								
Ever ELL	26	97	46	38	15	0	95.2	N/A	N/A	27	97	44	41	15	0	95.4	N/A	N/A	11,178	98	16	37	35	12	78.3	N/A	N/A								
<b>All Students</b>																																			
2017	430	100	60	33	6	0	98.1	N/A	N/A	439	100	60	33	6	1	97.8	N/A	N/A	68,063	99	32	42	21	5	89.4	N/A	N/A								
2016	383	100	48	44	8	0	97.1	N/A	N/A	392	100	47	44	8	1	96.9	N/A	N/A	67,941	99	29	44	21	5	88.9	N/A	N/A								

\* **Note:** Grade 10 Science and Technology/Engineering results represent the highest achievement level attained by students by the end of grade 10. In addition, only students enrolled for two full years in the state/district/school are included in state/district/school achievement level results.

**ALL GRADES - SCIENCE AND TECH/ENG**

Student Group	School									District									State								
	Stud. Incl	Part. Rate	% at Each Level			CPI	SGP	Incl. in SGP (#)	Stud. Incl	Part. Rate	% at Each Level			CPI	SGP	Incl. in SGP (#)	Stud. Incl	Part. Rate	% at Each Level			CPI	SGP	Incl. in SGP (#)			
	#	%	A	P	NI/W			#	%	A	P	NI/W			#	%	A	P	NI/W			#					
<b>Subgroups</b>																											
Students w/disabilities	65	99	18	49	29	3	90.4	N/A	N/A	239	97	10	28	40	22	70.7	N/A	N/A	39,271	98	4	18	41	38	59.1	N/A	N/A
ELL and Former ELL	3	-	-	-	-	-	-	-	-	30	100	3	30	50	17	67.5	N/A	N/A	20,120	99	3	16	44	37	54.7	N/A	N/A
Econ. Disadvantaged	14	100	36	50	14	0	92.9	N/A	N/A	73	99	10	36	38	16	74.7	N/A	N/A	66,270	99	7	25	43	26	65.2	N/A	N/A
High needs	74	99	20	50	27	3	91.2	N/A	N/A	302	98	10	32	40	18	72.9	N/A	N/A	93,555	99	6	25	43	26	65.2	N/A	N/A
Afr. Amer./Black	15	94	27	53	20	0	91.7	N/A	N/A	30	91	17	37	37	10	79.2	N/A	N/A	17,823	99	6	25	43	26	64.6	N/A	N/A
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	460	98	10	31	40	20	71.6	N/A	N/A
Asian	37	100	81	19	0	0	100.0	N/A	N/A	111	99	46	41	10	3	95.0	N/A	N/A	13,554	100	30	38	25	7	86.1	N/A	N/A
Hispanic/Latino	18	100	56	28	17	0	94.4	N/A	N/A	68	100	24	32	28	16	76.8	N/A	N/A	37,380	99	6	24	42	27	63.2	N/A	N/A
Multi-race, Non-Hisp./Lat.	16	100	44	56	0	0	100.0	N/A	N/A	56	98	41	41	14	4	92.9	N/A	N/A	6,659	99	20	35	33	13	79.1	N/A	N/A
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	174	99	16	31	34	19	74.6	N/A	N/A
White	344	100	61	33	6	1	98.3	N/A	N/A	1,029	99	32	44	20	4	91.2	N/A	N/A	133,323	99	20	41	31	8	83.6	N/A	N/A
Male	214	100	62	30	7	0	97.7	N/A	N/A	647	99	34	43	19	4	90.9	N/A	N/A	106,879	99	17	36	33	14	77.8	N/A	N/A
Female	216	100	59	37	4	0	98.6	N/A	N/A	647	99	32	43	20	5	90.2	N/A	N/A	102,501	99	17	37	34	12	78.8	N/A	N/A
ELL	1	-	-	-	-	-	-	-	-	14	100	0	7	64	29	50.0	N/A	N/A	11,915	98	1	7	40	52	43.7	N/A	N/A
Ever ELL	26	97	46	38	15	0	95.2	N/A	N/A	75	99	19	37	32	12	79.3	N/A	N/A	34,852	99	8	25	40	26	64.4	N/A	N/A
<b>All Students</b>																											
2017	430	100	60	33	6	0	98.1	N/A	N/A	1,294	99	33	43	19	4	90.5	N/A	N/A	209,416	99	17	36	34	13	78.3	N/A	N/A
2016	383	100	48	44	8	0	97.1	N/A	N/A	1,209	99	29	48	20	4	90.6	N/A	N/A	208,262	99	17	37	33	13	78.7	N/A	N/A

# 2017 Official Accountability Data - Needham High

Accountability Information	
Accountability and Assistance Level	
<b>Level 1</b>	Meeting gap narrowing goals
This school's overall performance relative to other schools in same school type (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		99	Met Target
High needs		86	Met Target
Econ. Disadvantaged		-	
ELL and Former ELL		-	
Students w/disabilities		85	Met Target
Amer. Ind. or Alaska Nat.		-	
Asian		-	
Afr. Amer./Black		-	
Hispanic/Latino		-	
Multi-race, Non-Hisp./Lat.		-	
Nat. Haw. or Pacif. Isl.		-	
White		100	Met Target

**Needham High:  
Accountability Data Detail**

2017 English Language Arts Proficiency Gap Narrowing											
	0 10 20 30 40 50 60 70 80 90 100	Baseline CPI	2016 CPI	2017 CPI	CPI Change	2017 Target	6 Year Goal	CPI Percentile in School Type	N	PPI Points	Rating
All students		98.5	99.7	99.6	-0.1	99.3	99.3	87	441	100	Above Target
High needs		91.7	98.7	97.9	-0.8	95.9	95.9	80	82	100	Above Target
Econ. Disadvantaged		-	-	-	-	-	-	-	17	-	-
ELL and Former ELL		-	-	-	-	-	-	-	6	-	-
Students w/disabilities		91.3	98.4	97.4	-1.0	95.7	95.7	80	68	100	Above Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	-	-	-
Asian		100.0	100.0	100.0	0.0	100.0	100.0	81	40	100	Above Target
Afr. Amer./Black		-	-	-	-	-	-	-	16	-	-
Hispanic/Latino		98.8	98.8	98.8	0.0	98.9	99.4	<b>91</b>	20	100	Above Target
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	-	16	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	-	-	-	-
White		99.2	99.9	99.6	-0.3	99.6	99.6	81	349	100	Above Target

2017 Mathematics Proficiency Gap Narrowing											
	0 10 20 30 40 50 60 70 80 90 100	Baseline CPI	2016 CPI	2017 CPI	CPI Change	2017 Target	6 Year Goal	CPI Percentile in School Type	N	PPI Points	Rating
All students		97.0	97.5	98.1	0.6	98.5	98.5	88	436	100	Above Target
High needs		83.7	88.3	90.2	1.9	91.9	91.9	80	79	50	Improved Below Target
Econ. Disadvantaged		-	-	-	-	-	-	-	17	-	-
ELL and Former ELL		-	-	-	-	-	-	-	6	-	-
Students w/disabilities		81.1	86.5	88.1	1.6	90.6	90.6	83	65	50	Improved Below Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	-	-	-
Asian		100.0	100.0	99.4	-0.6	100.0	100.0	72	40	100	Above Target
Afr. Amer./Black		-	-	-	-	-	-	-	15	-	-
Hispanic/Latino		93.8	93.8	95.0	1.2	94.3	96.9	<b>98</b>	20	75	On Target
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	-	16	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	-	-	-	-
White		98.4	98.2	98.8	0.6	99.2	99.2	<b>91</b>	345	100	Above Target

**2017 Science Proficiency Gap Narrowing**

	0 10 20 30 40 50 60 70 80 90 100	Baseline	2016	2017	CPI	2017	6	CPI	N	PPI	Rating
		CPI	CPI	CPI	Change	Target	Year	Percentile		Points	
						Goal		in School			
								Type			
All students		97.5	97.1	98.1	1.0	98.8	98.8	90	430	100	Above Target
High needs		90.5	87.5	91.2	3.7	95.3	95.3	83	74	50	Improved Below Target
Econ. Disadvantaged		-	-	-	-	-	-	-	14	-	-
ELL and Former ELL		-	-	-	-	-	-	-	3	-	-
Students w/disabilities		90.6	86.1	90.4	4.3	95.3	95.3	86	65	50	Improved Below Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	-	-	-
Asian		99.0	96.0	100.0	4.0	99.4	99.5	91	37	100	Above Target
Afr. Amer./Black		-	-	-	-	-	-	-	15	-	-
Hispanic/Latino		-	-	-	-	-	-	-	18	-	-
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	-	16	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	-	-	-	-
White		98.0	98.0	98.3	0.3	99.0	99.0	87	344	100	Above Target

2017 English Language Arts Extra Credit								
	Extra credit for increasing % Advanced (10% or more)				Extra credit for decreasing % Warning/Failing (10% or more)			
	2016 % Advanced	2017 % Advanced	N	PPI Points	2016 % Warning/Failing	2017 % Warning/Failing	N	PPI Points
All students	70.5	69.8	441	0	0.0	0.0	441	25
High needs	39.2	28.0	82	0	0.0	0.0	82	25
Econ. Disadvantaged	-	-	17	-	-	-	17	-
ELL and Former ELL	-	-	6	-	-	-	6	-
Students w/disabilities	34.9	25.0	68	0	0.0	0.0	68	25
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-
Asian	73.1	87.5	40	25	0.0	0.0	40	25
Afr. Amer./Black	-	-	16	-	-	-	16	-
Hispanic/Latino	55.0	70.0	20	25	0.0	0.0	20	25
Multi-race, Non-Hisp./Lat.	-	-	16	-	-	-	16	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-
White	73.1	69.6	349	0	0.0	0.0	349	25

2017 Mathematics Extra Credit								
	Extra credit for increasing % Advanced (10% or more)				Extra credit for decreasing % Warning/Failing (10% or more)			
	2016 % Advanced	2017 % Advanced	N	PPI Points	2016 % Warning/Failing	2017 % Warning/Failing	N	PPI Points
All students	80.7	76.6	436	0	0.8	0.2	436	25
High needs	45.6	30.4	79	0	3.8	1.3	79	25
Econ. Disadvantaged	-	-	17	-	-	-	17	-
ELL and Former ELL	-	-	6	-	-	-	6	-
Students w/disabilities	41.3	24.6	65	0	4.8	1.5	65	25
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-
Asian	87.5	92.5	40	0	0.0	0.0	40	25
Afr. Amer./Black	-	-	15	-	-	-	15	-
Hispanic/Latino	75.0	65.0	20	0	0.0	0.0	20	25



Multi-race, Non-Hisp./Lat.	-	-	16	-	-	-	16	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-
White	82.7	77.4	345	0	0.9	0.3	345	25

2017 Science Extra Credit								
	Extra credit for increasing % Advanced (10% or more)				Extra credit for decreasing % Warning/Failing (10% or more)			
	2016 % Advanced	2017 % Advanced	N	PPI Points	2016 % Warning/Failing	2017 % Warning/Failing	N	PPI Points
All students	47.5	60.5	430	25	0.3	0.0	430	25
High needs	15.8	20.3	74	25	1.3	0.0	74	25
Econ. Disadvantaged	-	-	14	-	-	-	14	-
ELL and Former ELL	-	-	3	-	-	-	3	-
Students w/disabilities	14.8	18.5	65	25	1.6	0.0	65	25
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-
Asian	48.0	81.1	37	25	0.0	0.0	37	25
Afr. Amer./Black	-	-	15	-	-	-	15	-
Hispanic/Latino	-	-	18	-	-	-	18	-
Multi-race, Non-Hisp./Lat.	-	-	16	-	-	-	16	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-
White	49.4	60.8	344	25	0.0	0.0	344	25

2017 English Language Arts Growth																	
	0 10 20 30 40 50 60 70 80 90 100									2016 SGP	2017 SGP	SGP Change	6 Year Goal	Met Safe Harbor?	N	PPI Points	Rating
	All students										43.0	53.5	10.5	51.0	No	404	75
High needs										41.0	49.0	8.0	51.0	No	70	50	Below Target
Econ. Disadvantaged										-	-	-	51.0	-	13	-	-
ELL and Former ELL										-	-	-	51.0	-	2	-	-
Students w/disabilities										40.5	49.0	8.5	51.0	No	63	50	Below Target
Amer. Ind. or Alaska Nat.										-	-	-	51.0	-	-	-	-
Asian										45.0	69.5	24.5	51.0	No	36	100	Above Target
Afr. Amer./Black										-	-	-	51.0	-	16	-	-
Hispanic/Latino										-	-	-	51.0	-	19	-	-
Multi-race, Non-Hisp./Lat.										-	-	-	51.0	-	14	-	-
Nat. Haw. or Pacif. Isl.										-	-	-	51.0	-	-	-	-
White										45.0	52.0	7.0	51.0	No	319	75	On Target

2017 Mathematics Growth																	
	0 10 20 30 40 50 60 70 80 90 100									2016 SGP	2017 SGP	SGP Change	6 Year Goal	Met Safe Harbor?	N	PPI Points	Rating
	All students										52.0	49.0	-3.0	51.0	Yes	400	75

High needs		56.0	55.0	-1.0	51.0	No	66	75	On Target
Econ. Disadvantaged		-	-	-	51.0	-	13	-	-
ELL and Former ELL		-	-	-	51.0	-	2	-	-
Students w/disabilities		56.0	59.0	3.0	51.0	No	59	75	On Target
Amer. Ind. or Alaska Nat.		-	-	-	51.0	-	-	-	-
Asian		49.5	73.5	24.0	51.0	No	36	100	Above Target
Afr. Amer./Black		-	-	-	51.0	-	15	-	-
Hispanic/Latino		-	-	-	51.0	-	19	-	-
Multi-race, Non-Hisp./Lat.		-	-	-	51.0	-	14	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	51.0	-	-	-	-
White		55.5	48.0	-7.5	51.0	Yes	316	75	On Target

2017 Extra credit for English language proficiency growth				
	2017 SGPA	2017 Target	SGPA N Included	PPI Points
All students	-	60.0	7	-
High needs	-	60.0	7	-
ELL and Former ELL	-	60.0	7	-

2016 4-Year Cohort Graduation Rate									
	0 10 20 30 40 50 60 70 80 90 100	2015 Rate	2016 Rate	Change	Annual Target	6 Year Goal	N	PPI Points	Rating
All students		99.2	99.0	-0.2	80.0	90.0	408	100	Above Target
High needs		96.0	98.1	2.1	80.0	90.0	103	100	Above Target
Econ. Disadvantaged		-	-	-	80.0	90.0	-	-	-
ELL and Former ELL		-	-	-	80.0	90.0	3	-	-
Students w/disabilities		98.0	98.6	0.6	80.0	90.0	69	100	Above Target
Amer. Ind. or Alaska Nat.		-	-	-	80.0	90.0	-	-	-
Asian		-	-	-	80.0	90.0	30	-	-
Afr. Amer./Black		-	-	-	80.0	90.0	11	-	-
Hispanic/Latino		-	-	-	80.0	90.0	17	-	-
Multi-race, Non-Hisp./Lat.		-	-	-	80.0	90.0	11	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	80.0	90.0	-	-	-
White		100.0	99.1	-0.9	80.0	90.0	339	100	Above Target

2015 5-Year Cohort Graduation Rate									
	0 10 20 30 40 50 60 70 80 90 100	2014 Rate	2015 Rate	Change	Annual Target	6 Year Goal	N	PPI Points	Rating
All students		98.3	99.7	1.4	85.0	95.0	378	100	Above Target
High needs		94.2	98.7	4.5	85.0	95.0	75	100	Above Target
Econ. Disadvantaged		-	-	-	85.0	95.0	-	-	-
ELL and Former ELL		-	-	-	85.0	95.0	4	-	-
Students w/disabilities		92.3	100.0	7.7	85.0	95.0	50	100	Above Target
Amer. Ind. or Alaska Nat.		-	-	-	85.0	95.0	-	-	-

Asian	-	-	-	85.0	95.0	21	-	-
Afr. Amer./Black	-	-	-	85.0	95.0	8	-	-
Hispanic/Latino	-	-	-	85.0	95.0	14	-	-
Multi-race, Non-Hisp./Lat.	-	-	-	85.0	95.0	15	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	85.0	95.0	-	-	-
White	98.7	100.0	1.3	85.0	95.0	320	100	Above Target

2016 Annual Dropout Rate											
	0 2 4 6 8 10 12 14 16 18 20	Baseline Rate	2015 Rate	2016 Rate	Change	Annual Target	6 Year Goal	Dropout Percentile in School Type	N	PPI Points	Rating
High needs		2.0	0.0	0.0	0.0	1.0	1.0	95	310	100	Above Target
Econ. Disadvantaged		-	-	-	-	-	-	-	78	-	-
ELL and Former ELL		-	-	-	-	-	-	-	14	-	-
Students w/disabilities		1.5	0.0	0.0	0.0	0.8	0.8	91	249	100	Above Target
Amer. Ind. or Alaska Nat.		-	-	-	-	-	-	-	1	-	-
Asian		1.5	0.0	0.0	0.0	0.8	0.8	64	121	100	Above Target
Afr. Amer./Black		-	-	-	-	-	-	-	59	-	-
Hispanic/Latino		0.0	0.0	0.0	0.0	0.0	0.0	86	77	100	Above Target
Multi-race, Non-Hisp./Lat.		-	-	-	-	-	-	-	43	-	-
Nat. Haw. or Pacif. Isl.		-	-	-	-	-	-	-	1	-	-
White		0.5	0.0	0.1	-0.1	0.3	0.3	89	1361	100	Above Target

2017 Assessment Participation												
	English Language Arts				Mathematics				Science			
	Enrolled	Assessed	%	Met Target	Enrolled	Assessed	%	Met Target	Enrolled	Assessed	%	Met Target
All students	441	441	100	Yes	442	437	99	Yes	442	441	100	Yes
High needs	82	82	100	Yes	83	80	96	Yes	83	82	99	Yes
Econ. Disadvantaged	17	-	-	-	18	-	-	-	18	-	-	-
ELL and Former ELL	6	-	-	-	6	-	-	-	6	-	-	-
Students w/disabilities	68	68	100	Yes	68	65	96	Yes	68	67	99	Yes
Amer. Ind. or Alaska Nat.	-	-	-	-	-	-	-	-	-	-	-	-
Asian	40	40	100	Yes	40	40	100	Yes	40	40	100	Yes
Afr. Amer./Black	16	-	-	-	17	-	-	-	17	-	-	-
Hispanic/Latino	20	20	100	Yes	20	20	100	Yes	20	20	100	Yes
Multi-race, Non-Hisp./Lat.	16	-	-	-	16	-	-	-	16	-	-	-
Nat. Haw. or Pacif. Isl.	-	-	-	-	-	-	-	-	-	-	-	-
White	349	349	100	Yes	349	345	99	Yes	349	349	100	Yes

**NOTE:** In 2017, assessment participation was calculated two ways: First, the 2017 participation rate for each subgroup in each subject area test was calculated. If the actual 2017 participation rate was lower than 95 percent (high schools) or 90 percent (schools and districts

administering Next-Generation MCAS test in grades 3-8) for any group in any subject, that rate was compared to the average of the most recent two years of assessment participation data for that group and subject. The higher of the two resulting rates was factored into the assignment of the school or district's 2017 accountability and assistance level.

# 2015 Massachusetts and Nationwide NAEP Results by Student Group

## Average Scaled Scores and Percentages of Students at Each Achievement Level

### About the Data

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	% at Each Level				Avg. Scaled Score	% at Each Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	235	14	50	82	18	100	221	8	35	68	32	100
Stud. w/ Disab	209	2	20	55	45	18	186	2	12	33	67	13
LEP	200	1	12	44	56	9	189	1	8	32	68	11
African American/Black	217	3	25	65	35	7	206	2	18	51	49	15
Asian/Pacific Islander	249	31	68	89	11	6	238	19	53	81	19	5
Hispanic/Latino	215	3	25	61	39	19	208	3	21	54	46	26
White	242	17	58	89	11	65	232	11	46	79	21	49
Econ. Disadvantaged	220	5	29	67	33	42	209	3	21	56	44	55

GRADE LEVEL 4 - MATHEMATICS												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% at Each Level				Avg. Scaled Score	% at Each Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	251	13	54	90	10	100	240	7	39	81	19	100
Stud. w/ Disab	231	4	25	74	26	18	217	2	16	54	46	13
LEP	223	2	17	65	35	9	218	1	15	57	43	11
African American/Black	230	1	26	73	27	7	224	1	19	65	35	15
Asian/Pacific Islander	273	38	81	98	2	6	256	22	61	90	10	5
Hispanic/Latino	232	3	28	74	26	19	230	3	26	73	27	26
White	256	15	62	95	5	65	248	10	51	90	10	49
Econ. Disadvantaged	236	4	31	80	20	42	229	2	24	72	28	55

GRADE LEVEL 8 - READING												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% at Each Level				Avg. Scaled Score	% at Each Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	274	6	46	83	17	100	264	3	33	75	25	100
Stud. w/ Disab	245	1	15	54	46	18	229	#	8	36	64	12
LEP	225	#	6	35	65	5	223	#	3	28	72	6
African American/Black	252	1	18	63	37	9	247	1	15	58	42	15
Asian/Pacific Islander	290	18	64	90	10	7	279	9	50	85	15	6
Hispanic/Latino	249	#	17	61	39	14	253	1	20	65	35	25
White	281	7	53	90	10	67	273	4	42	84	16	51
Econ. Disadvantaged	260	3	28	71	29	44	253	1	20	64	36	52

GRADE LEVEL 8 - MATHEMATICS												
Student Group	Massachusetts					National Public						
	Avg. Scaled Score	% at Each Level				Avg. Scaled Score	% at Each Level					
		A	P+	B+	BB		% Assessed	A	P+	B+	BB	% Assessed
All Students	297	18	51	81	19	100	281	8	32	70	30	100
Stud. w/ Disab	264	3	16	51	49	18	246	1	8	32	68	12
LEP	251	2	10	38	62	6	246	1	5	31	69	6
African American/Black	268	4	22	54	46	9	260	1	12	47	53	15
Asian/Pacific Islander	324	44	73	94	6	7	305	25	58	86	14	6
Hispanic/Latino	271	4	24	61	39	15	269	3	19	60	40	25
White	304	20	59	88	12	66	291	10	42	81	19	51
Econ. Disadvantaged	279	7	31	67	33	43	268	2	18	58	42	52

### 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	3,100	18	9	3
Grade 4 Mathematics	3,200	18	9	2
Grade 8 Reading	3,000	18	5	2
Grade 8 Mathematics	3,100	18	6	2