

Massachusetts



Department of
Education

Grade Retention in Massachusetts Public Schools: 2004-05

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EXECUTIVE SUMMARY

This report, *Grade Retention in Massachusetts Public Schools*, is the third retention report published by the Massachusetts Department of Education (MADOE) to provide districts and the public general information on student retention in Massachusetts.

Retention is defined as repeating a grade – students are retained when they are required to repeat the grade in which they were enrolled in the previous year. For the 2004-05 school year, retained students were reported to be enrolled in the same grade as they were in during the 2003-04 school year. In this report, retention data are reported as both a number and a rate (the number of students retained divided by the enrollment).

In the 2004-05 school year, Massachusetts public schools retained 22,834 students out of a total of 882,956 students enrolled in grades 1-12 only, equivalent to a statewide retention rate of 2.6 percent. Students are not retained in kindergarten.

Also for the 2004-05 school year:

- The state rate of 2.6 percent has been consistent since 2002-03.
- Among schools with an enrollment of at least 75 students, about 72 percent had a rate less than the overall state rate.
- Retained students missed an average of 25 days of school in the 2004-05 school year compared to all other students who missed an average of nine days in the 2004-05 school year.
- Among 2004-05 retained students, 8.2 percent had also been retained in the 2003-04 school year.
- The majority (59.9 percent) of retained students with a MCAS performance level in both years received the same performance level in 2003-04 and 2004-05.
- In grades 10 (50.7 percent), 11 (69.2 percent), and 12 (64.8 percent), a much higher percentage of students retained in the 2004-05 school year had earned a competency determination by the end of the 2004-05 school year than those retained in the 2003-04 school year in grades 10 (2.7 percent), 11 (31.2 percent) and 12 (28.7 percent).
- Retention rates for individual grades ranged from 0.6 (grade five) to 8.1 percent (grade nine).
- Retention rates among race/ethnicity groups ranged from 1.7 percent (White students) to 5.9 percent (Black students) and 6.0 percent (Hispanic students).
- Male students had a retention rate (3.0 percent) nearly one percentage point higher than female students (2.1 percent).

- Schools retained special education students at a higher rate (5.2 percent) than general education students (2.1 percent).
- Limited English proficient (LEP) students had a higher retention rate (6.3 percent) than non-LEP students (2.4 percent).
- Immigrant students were retained at a higher rate (3.9 percent) than non-immigrant students (2.6 percent).
- Low-income students had a higher retention rate (5.2 percent) than non-low-income students (1.6 percent).
- Schools retained students receiving Title I services at a higher rate (4.8 percent) than non-Title I students (1.9 percent).
- Students attending a vocational-technical school were retained at a rate (2.8 percent) slightly higher than students not attending a vocational-technical school (2.6 percent).
- Students attending a charter school were retained at a rate (4.1 percent) higher than students not attending a charter school (2.6 percent).

INTRODUCTION

This report, *Grade Retention in Massachusetts Public Schools*, is the third retention report published by the Massachusetts Department of Education (MADOE) to provide districts and the public general information on retentions in Massachusetts. The intent of this retention report is not to draw conclusions or make recommendations on the current state of student retention in Massachusetts. Rather, the purpose of this report is to provide general data on retentions, which may be used by district staff and other education leaders to improve school programs. The retention information is important for creating, revising, and maintaining strategies and programs for successful student attainment.

Retention is defined as repeating a grade – students are retained when they are required to repeat the grade in which they were enrolled in the previous year. For the 2004-05 school year, retained students were reported to be enrolled in the same grade as they were in during the 2003-04 school year.

The report summarizes various state-level data pertaining to students retained in the 2004-05 school year including analyses by demographics, program areas and MCAS performance.

Each section contains a brief summary of the statistics and includes graphs and tables detailing the data where appropriate. In addition, there are two appendices at the end of the report: (1) district retention rates by grade level and (2) district retention rates by race/ethnicity categories.

METHODOLOGY

Population and Data Source

Massachusetts retention data were based on the public school population that included all students enrolled in grades one through twelve in the 2003-04 and 2004-05 school years. The sources for the data presented were the October 2003 and October 2004 Student Information Management System (SIMS), which were used to collect student level data on all public school students in Massachusetts. In addition to SIMS, Massachusetts Comprehensive Assessment System (MCAS) results are also cited in the MCAS and Competency Determination (CD) portions of the report.

Data Calculations

Any student reported to be enrolled in the same grade in both the October 2003 and October 2004 SIMS is counted as a retained student for the 2004-05 school year. In this report, retention data are reported as both a number and a rate (the number of students retained divided by the enrollment).

Data Definitions

Throughout this report, data are frequently reported as a number or rate. The *number of students* retained represents students who were reported as repeating the same grade as the prior school year. The *retention rate* is the number of students retained divided by the enrollment. For example, the retention rate for female students is the number of female students retained divided by the number of female students enrolled.

Limitations

There are two main limitations to consider regarding the statewide retention data in this report:

- 1) Every district uses its own criteria to determine when grade retention is appropriate.
- 2) Accurate data are dependent on correct district reporting of student level information.

Since every district in Massachusetts can have its own criteria for retaining students, it is likely that there are policy differences between the districts. Therefore, it is not possible to determine from this data whether an increase or decrease in retentions, or differences between districts, are due to a student achievement change or due to a policy change. While district-level data are not summarized within the report, the appendices contain district-level retention data.

Second, the quality of the data is dependent on the accurate reporting of student-level information from districts. While the MADOE reviews data for accuracy, a formal auditing process for the quality of the student-level data is not in place. However, the consistency of the statewide retention data over the last several years suggests overall reliability of the data. In this

report, the MADOE decided to remove three schools' data¹ in three different districts due to inaccurate reporting. The data for these three schools were excluded from all state calculations as well as the district appendices. Based on historical data for the three schools, the removal of the schools' data does not appear to affect the overall state retention rate.

¹ Converse Middle School in Palmer, Anna Ware Jackson Elementary in Plainville, and Jonathan Bright Elementary in Waltham were removed due to reporting errors.

STATE OVERVIEW

State Rate

In the 2004-05 school year, there were 882,956² total students enrolled in Massachusetts public schools in grades one through twelve. Out of this total, 22,834 students, or 2.6 percent, were repeating the grade they were in the previous school year.

State Trend Analysis

The 2.6 percent state retention rate for the 2004-05 school year was the same as the retention rate for the previous two years. The state retention rate increased from 1995 to 2000 and has remained fairly steady since 2000.

Table 1: State Retentions from 1994-95 to 2004-05

	School Year									
	1995	1996	1998 ³	1999	2000	2001	2002	2003	2004	2005
Total Enrollment	757,737	814,599	852,841	867,486	877,768	888,329	883,911	890,862	887,175	882,956
Number Retained	16,213	16,730	17,929	20,245	22,424	22,562	22,428	23,551	23,098	22,834
Retention Rate	2.0%	2.1%	2.1%	2.3%	2.6%	2.5%	2.5%	2.6%	2.6%	2.6%

Distribution Among Schools

The state retention rate masks the disparity in individual school retention rates. Therefore, it was important to include the distribution of school rates in this report. Out of the 1,751⁴ schools that had at least 75 enrolled students in grades one through twelve, 16 percent had a retention rate of zero and about 72 percent had a rate less than the state rate.

² As mentioned in the “Limitations” section, three schools were removed from the report.

³ Retention data are not available for the 1996-97 school year.

⁴ Because retention rates for schools with low enrollments were overly sensitive to small variations in the number of retained students, the analysis for the distribution of retention rates excludes schools with a grade one through twelve enrollment fewer than 75 students. There were fifty schools removed from the analysis as a result of this.

Table 2: Distribution of Retention Rates Among Schools

Retention Rate	Number of Schools	Percent of Schools
0.0	284	16.2
0.1 – 2.5	984	56.2
2.6 – 5.0	263	15.0
5.1 – 7.5	114	6.5
7.6 – 10.0	51	2.9
10.1 – 15.0	26	1.5
15.1 – 20.0	12	0.7
20.1 – 25.0	7	0.4
25.1 – 30.0	2	0.1
30.1 – 40.0	6	0.3
40.1 – 50.0	2	0.1

Figure 1: Distribution of Retention Rates Among Schools

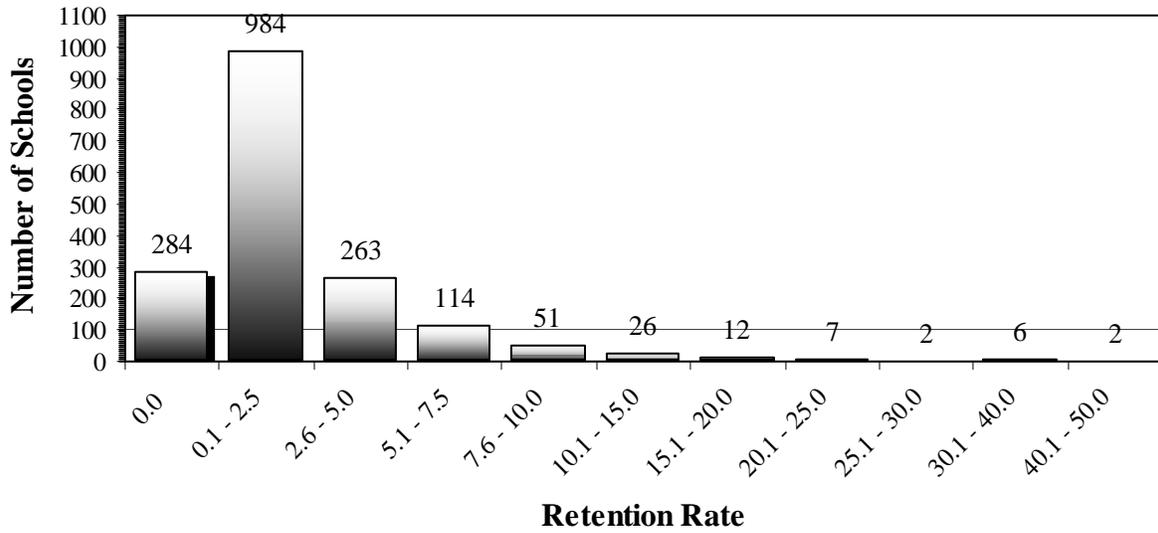
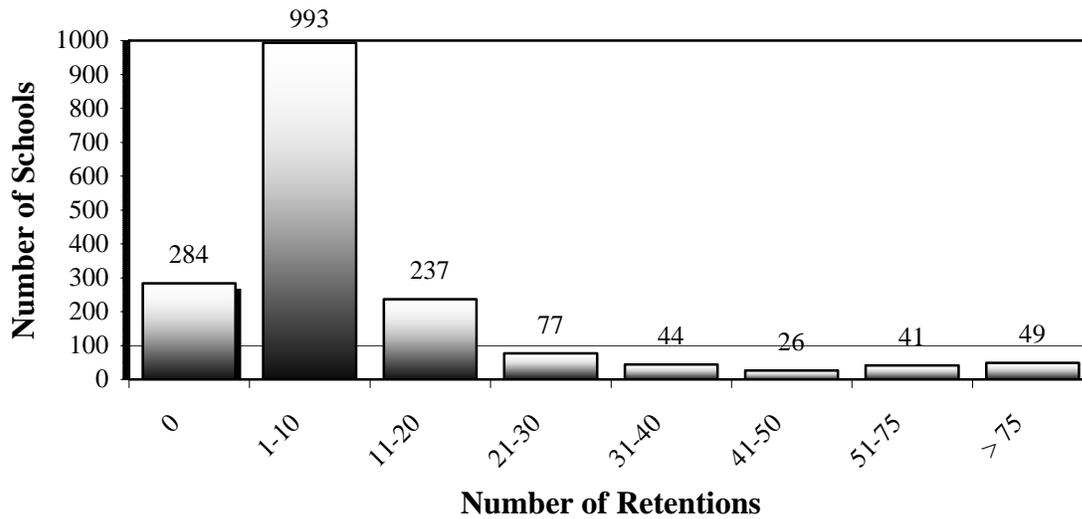


Figure 2: Distribution of Retentions Among Schools



Attendance

Students retained in 2004-05 missed an average of 26.3 days of school in 2003-04 (the first year they were in the grade), and missed an average of 24.9 days of school in 2004-05 (the second year they were in the grade). All other students missed an average of 9.3 days of school in the 2003-04 school year and an average of 9.1 days of school in the 2004-05 school year.

Repeat Retention

Among the 22,834 students retained in the 2004-05 school year, 8.2 percent (1,867 students) were also retained in the 2003-04 school year, and 4.7 percent (1,069 students) were retained in a previous grade in the 2002-03 school year but not in the 2003-04 school year. Approximately one percent (207 students) of students retained in the 2004-05 school year were retained in *both* the 2002-03 and 2003-04 school years. Of these students who were retained three consecutive years in a row, 55 percent were in grade nine.

Table 3: Repeat Retention Frequency

	Repeat Retentions		
	2003-04	2002-03	2003-04 and 2002-03
Asian	117	77	17
Black	521	305	70
Hispanic	567	366	60
Native American	6	4	0
White	656	524	60
LEP	191	102	26
Low-Income	1,028	697	102
SPED	617	430	97
Total Number of Repeat Retentions	1,867	1,069	207

Retention and the MCAS

The Massachusetts Comprehensive Assessment System (MCAS) is administered to all students in grades three (Reading), four (English Language Arts and Mathematics), six (Mathematics), seven (English Language Arts), eight (Mathematics), and ten (English Language Arts and Mathematics). While MCAS results are not required by the state for determining whether a student should be retained, they are an important indicator of the academic performance of retained students.

Reporting of student results on the MCAS tests varies slightly according to grade. Results on the grade three test are reported in terms of three performance levels: *Proficient*, *Needs Improvement*, and *Warning*. At grades four through eight, MCAS results are reported according to four performance levels: *Advanced*, *Proficient*, *Needs Improvement*, and *Warning*. At grade ten there are also four levels: *Advanced*, *Proficient*, *Needs Improvement*, and *Failing*. However, the MADOE does not require retained grade ten students to take the regular administration of the MCAS for the year they are retained. Therefore, grade ten MCAS results are not included in this report.

The following tables represent a comparison by grade level of the MCAS performance levels of students retained in the 2004-05 school year. If a student is retained in grade eight, the 2004 score represents the first year they were in grade eight, and the 2005 score is for the year that they were retained (repeating grade eight).

Every 2004 performance level is broken down by performance levels for 2005. For example, grade three students with a performance level of “Needs Improvement” in 2004 are broken down by their performance levels for 2005 (Proficient, Needs Improvement, and Warning).

Across all grade levels that the Math and ELA tests were administered in 2005, (three, four, six, seven, and eight) the number of students with a MCAS performance level in both the 2003-04 and 2004-05 school years increased over the retained students in the 2003-04 school year. Overall, about 76 percent of students retained in the 2004-05 school year in grades three, four, six, seven and eight had MCAS results for both years. The 24 percent without results could be due to the fact that the students were promoted after October 1st to a non-testing grade or a non-testing grade for a particular subject, transferred to an out of state or private school, or the result a data reporting problem.

Overall, across the five grade levels and both subjects, among students retained in the 2004-05 school year that received a standard MCAS performance level (Advanced, Proficient, Needs Improvement or Warning) in both years:

- 31.4 percent received a higher performance level in 2005 than 2004
- 9.4 percent received a lower performance level in 2005 than 2004
- 59.9 percent received the same performance level in both the 2004 and 2005 school years

Grade Three – Reading

There were 1,052 retained grade three students in the 2004-05 school year. Out of the 1,052 retained students, 875 (83 percent) received a standard performance level (Proficient, Needs Improvement or Warning) in both years. Of those 875 retained students:

- 36.1 percent (316 students) received a higher performance level in 2005 than 2004
- 10.6 percent (93 students) received a lower performance level in 2005 than in 2004
- 53.3 percent (466 students) received the same performance level in both the 2004 and 2005 school years.

**Table 4: Grade Three Reading
Analysis of 2005 MCAS Performance Levels by 2004 Performance Levels
(N=875)**

		2004-05		
		Proficient	Needs Improvement	Warning
2003-04	Proficient	6.9%	3.5%	0.3%
	Needs Improvement	14.4%	32.8%	6.7%
	Warning	3.9%	17.9%	13.6%

Grade Four – English Language Arts

There were 484 retained grade four students in the 2004-05 school year. Out of the 484 retained students, 382 (79 percent) received a standard performance level (Advanced, Proficient, Needs Improvement or Warning) on the grade four English Language Arts test in both years. Of those 382 retained students:

- 39.0 percent (149 students) received a higher performance level in 2005 than 2004
- 11.8 percent (45 students) received a lower performance level in 2005 than in 2004
- 49.2 percent (188 students) received the same performance level in both the 2004 and 2005 school years

**Table 5: Grade Four (ELA)
Analysis of 2005 MCAS Performance Levels by 2004 Performance Levels
N = 382**

		2004-05			
		Advanced	Proficient	Needs Improvement	Warning
2003-04	Advanced	0.0%	0.3%	0.0%	0.0%
	Proficient	0.8%	4.2%	6.0%	0.0%
	Needs Improvement	0.0%	10.2%	29.6%	5.5%
	Warning	0.0%	2.4%	25.7%	15.4%

Grade Four – Mathematics

Out of the 484 grade four retained students, 321 (66 percent) received a standard performance level (Advanced, Proficient, Needs Improvement or Warning) on the grade four Mathematics test in both years. Of those 321 retained students:

- 43.9 percent (141 students) received a higher performance level in 2005 than 2004
- 7.5 percent (24 students) received a lower performance level in 2005 than 2004
- 48.6 percent (156 students) received the same performance level in 2005 and 2004

Table 6: Grade Four (Math)
Analysis of 2005 MCAS Performance Levels by 2004 Performance Levels
N=321

		2004-05			
		Advanced	Proficient	Needs Improvement	Warning
2003-04	Advanced	0.0%	0.6%	0.0%	0.0%
	Proficient	0.0%	0.9%	2.2%	0.3%
	Needs Improvement	0.0%	8.4%	21.2%	4.4%
	Warning	0.0%	1.6%	34.0%	26.5%

Grade Six – Mathematics

Out of the 872 grade six retained students, 609 (70 percent) received a standard performance level (Advanced, Proficient, Needs Improvement or Warning) on the grade six Mathematics test in both years. Of those 609 retained students:

- 35.0 percent (213 students) received a higher performance level in 2005 than 2004
- 3.0 percent (18 students) received a lower performance level in 2005 than in 2004
- 62.1 percent (378 students) received the same performance level in both 2004 and 2005 school years

**Table 7: Grade Six Math
Analysis of 2005 MCAS Performance Levels by 2004 Performance Levels
N = 609**

		2004-05			
		Advanced	Proficient	Needs Improvement	Warning
2003-04	Advanced	0.2%	0.0%	0.0%	0.0%
	Proficient	0.3%	0.5%	0.3%	0.0%
	Needs Improvement	0.5%	6.1%	7.9%	2.6%
	Warning	0.0%	2.1%	26.0%	53.5%

Grade Seven – English Language Arts

Out of the 1,317 grade seven retained students, 871 (66 percent) received a standard performance level (Advanced, Proficient, Needs Improvement or Warning) on the grade seven English Language Arts test in both years. Of those 871 retained students:

- 25.7 percent (224 students) received a higher performance level in 2005 than 2004
- 13.9 percent (121 students) received a lower performance level in 2005 than in 2004
- 60.4 percent (526 students) received the same performance level in both 2005 and 2004

**Table 8: Grade Seven ELA
Analysis of 2005 MCAS Performance Levels by 2004 Performance Levels
N = 871**

		2004-05			
		Advanced	Proficient	Needs Improvement	Warning
2003-04	Advanced	0.1%	0.0%	0.0%	0.0%
	Proficient	0.3%	11.3%	4.1%	0.6%
	Needs Improvement	0.0%	11.7%	33.3%	9.3%
	Warning	0.1%	1.6%	11.9%	15.7%

Grade Eight – Mathematics

Out of the 994 grade eight retained students, 679 (68 percent) received a standard performance level (Advanced, Proficient, Needs Improvement or Warning) on the grade eight Mathematics test in both years. Of those 679 retained students:

- 19.0 percent (129 students) received a higher performance level in 2005 than 2004
- 7.7 percent (52 students) received a lower performance level in 2005 than in 2004
- 73.3 percent (498 students) received the same performance level in both 2004 and 2005

**Table 9: Grade Eight Math
Analysis of 2005 MCAS Performance Levels by 2004 Performance Levels
N = 679**

		2004-05			
		Advanced	Proficient	Needs Improvement	Warning
2003-04	Advanced	0.3%	0.1%	0.0%	0.0%
	Proficient	0.6%	1.8%	0.6%	0.4%
	Needs Improvement	0.0%	4.6%	14.6%	6.5%
	Warning	0.0%	1.2%	12.7%	56.7%

Competency Determination

Beginning with the class of 2003, the MADOE required students to meet or exceed the “Needs Improvement” threshold of the grade ten MCAS to receive the competency determination (CD) in order to graduate from high school with a diploma. Students who did not pass the grade ten MCAS had the opportunity to pass the MCAS through re-test opportunities before their scheduled graduation date.

Across grades 10, 11, and 12, a much higher percentage of students retained in the 2004-05 school year had earned a CD by the end of the 2004-05 school year (the year the students are repeating a grade) compared to the end of the 2003-04 school year. For students who were in grade ten in both 2003-04 and 2004-05, 2.7 percent had earned a CD by the end of the 2003-04 school year and 50.7 percent of these retained students had earned a CD by the end of the 2004-05 school year.

Among students retained in grade eleven, 31.2 percent had earned a CD by the end of the 2003-04 school year and 69.2 percent had earned a CD by the end of the 2004-05 school year. Among students retained in grade twelve, 28.7 percent had earned a CD by the end of the 2003-04 school year and 64.8 percent had earned a CD by the end of the 2004-05 school year.

Table 10: Percent of 2005 Retained Students With a CD in 2003-04 and 2004-05

Grade	With a CD	
	2003-04	2004-05
10	2.7%	50.7%
11	31.2%	69.2%
12	28.7%	64.8%

RETENTION BY SUBGROUP

Grade

Retention rates for individual grade levels ranged from 0.6 to 8.1 percent. Overall, schools retained grade nine students at a higher rate than all other grades. Out of the 84,628 students enrolled in grade nine, 6,881 were retained. This equals a retention rate of 8.1 percent, which is nearly four percentage points higher than any other grade retention rate. The grade nine retentions accounted for slightly higher than 30 percent of all retentions.

Grades ten, one, and eleven had the next highest retention rates at 4.2, 3.8, and 3.2 percent respectively. These grades – one, nine, ten, and eleven – accounted for over 65 percent of the total retentions. The remaining grades had retention rates lower than the overall state retention rate of 2.6 percent. The retention rates by grade were consistent with the rates by grade trend in the previous four years.

Table 11: Retention by Grade Level

Grade	Total 1-12 Enrollment	Number Retained	Retention Rate	Percent of all 2004-05 Retentions
1	72,703	2,760	3.8%	12.1%
2	71,200	1,214	1.7%	5.3%
3	71,517	1,052	1.5%	4.6%
4	72,797	484	0.7%	2.1%
5	73,105	435	0.6%	1.9%
6	74,757	872	1.2%	3.8%
7	76,647	1,317	1.7%	5.8%
8	76,831	994	1.3%	4.4%
9	84,628	6,881	8.1%	30.1%
10	75,478	3,165	4.2%	13.9%
11	69,441	2,236	3.2%	9.8%
12	63,852	1,424	2.2%	6.2%

Figure 3: Retention Rates by Grade Level

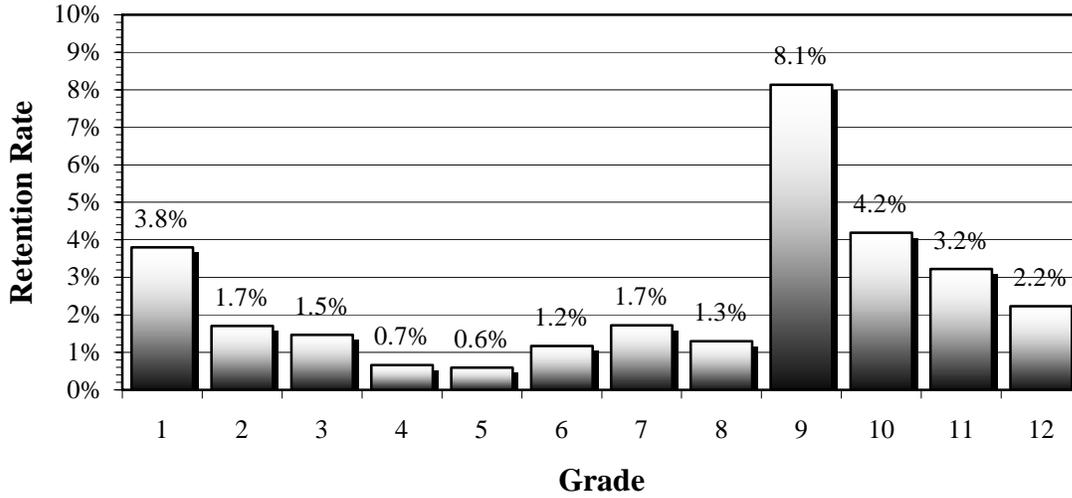


Table 12: Retention Rate by Grade: 2000-01 to 2004-05

	3.7%	3.8%	4.1%	4.1%	3.8%
	1.7%	1.7%	1.9%	1.9%	1.7%
	1.6%	1.6%	1.9%	1.6%	1.5%
	0.7%	0.7%	0.8%	0.8%	0.7%
	0.5%	0.5%	0.7%	0.6%	0.6%
	1.2%	1.2%	1.3%	1.0%	1.2%
	1.7%	1.5%	1.6%	1.8%	1.7%
	1.5%	1.4%	1.4%	1.4%	1.3%
	8.4%	8.4%	8.5%	8.0%	8.1%
	4.3%	4.7%	4.2%	4.2%	4.2%
	3.2%	3.1%	3.1%	3.1%	3.2%
12	2.1%	1.7%	1.7%	2.1%	2.2%

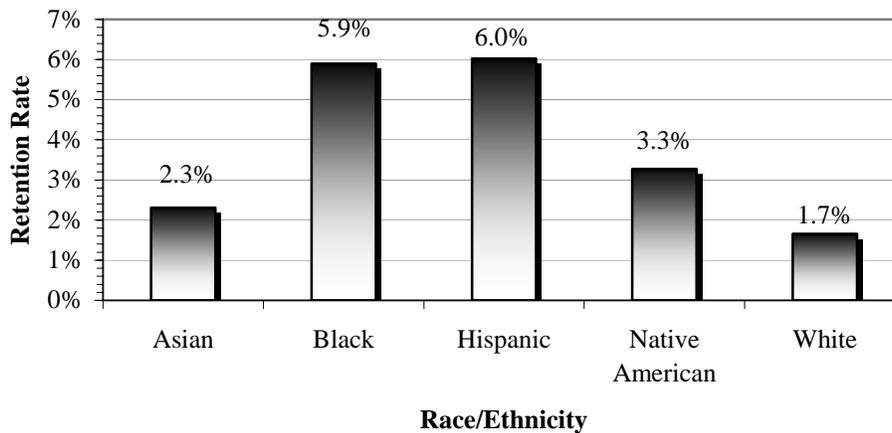
Race/Ethnicity

Massachusetts collected data in the 2004-05 school year via SIMS according to five race/ethnicity classifications: Asian or Pacific Islander, Black, Hispanic, Native American, or White. Hispanic and Black students had the highest retention rates at 6.0 percent respectively, followed by Native American students at a rate of 3.3 percent. Asian and White students had the lowest retention rates at 2.3 and 1.7 percents respectively. These race/ethnicity rates are consistent with the rates from the 2003-04 school year.

Table 32: Retention by Race/Ethnicity

Race/Ethnicity	Total 1-12 Enrollment	Number Retained	Retention Rate	Percent of all 2004-05 Retentions
Asian	42,170	974	2.3%	4.3%
Black	79,350	4,681	5.9%	20.5%
Hispanic	103,784	6,251	6.0%	27.4%
Native American	2,869	94	3.3%	0.4%
White	654,783	10,834	1.7%	47.4%

Figure 4: Retention by Race/Ethnicity



The retention rate for Black and Hispanic students increased slightly from the 2003-04 school year and the rate for White students remained the same as 2003-04. Districts retained Native American students at a rate 0.3 percentage points lower than the rate for 2003-04, and the rate for Asian students also decreased by 0.1 percentage points from 2003-04 to 2004-05.

Table 14: Retention Rates by Race/Ethnicity: 2002-03 to 2004-05

Race/Ethnicity	School Year		
	2002-03	2003-04	2004-05
Asian	2.4%	2.4%	2.3%
Black	5.6%	5.8%	5.9%
Hispanic	5.8%	5.9%	6.0%
Native American	3.3%	3.6%	3.3%
White	1.8%	1.7%	1.7%

Race/Ethnicity by Grade

Across all race categories the grade nine retention rate was higher than any other grade level. When disaggregating the data for both grade and race, grade nine Hispanic students had the highest retention rate at 17.3 percent. The grade nine Black student retention rate of 16.7 percent was the next highest grade by race combination, followed by the grade nine Native American student retention rate of 9.4 percent. The lowest grade by race retention rates were for grade four Native American students (0.0 percent), grade four White students (0.4 percent), and grade five White students (0.4 percent).

Table 15: Retention Rates by Race/Ethnicity and Grade

	2.2%	6.6%	9.1%	3.7%	2.6%
	1.0%	3.5%	4.0%	2.9%	1.2%
	1.8%	4.0%	3.8%	2.2%	0.8%
	0.6%	2.0%	1.7%	0.0%	0.4%
	0.9%	1.2%	1.2%	0.9%	0.4%
	0.7%	4.1%	3.0%	2.5%	0.5%
	1.6%	4.2%	4.2%	2.0%	1.0%
	1.2%	2.3%	3.0%	1.7%	0.9%
	7.0%	16.7%	17.3%	9.4%	5.3%
	4.2%	9.1%	9.1%	5.6%	2.9%
	3.6%	7.4%	7.5%	6.3%	2.2%
12	2.7%	6.6%	5.8%	1.6%	1.3%

Gender

Male students had a retention rate of 3.0 percent and female students had a retention rate of 2.1 percent. This nearly one percentage point difference is consistent with the overall gender retention trend demonstrated since the 1998-99 school year, with males retained at consistently higher rates than females.

Table 16: Retention by Gender, 2004-05

	Total 1-12 Enrollment	Number Retained	Retention Rate	Percent of All Retentions
Female	430,481	9,065	2.1%	39.7%
Male	452,475	13,769	3.0%	60.3%

Table 17: Retention Rates by Gender 1998-99 to 2004-05

	School Year						
	1998-99	1999-00	2000-01	2001-02	2002-03	2003-04	2004-05
Female	1.9%	2.1%	2.0%	2.1%	2.2%	2.1%	2.1%
Male	2.8%	3.0%	3.0%	3.0%	3.1%	3.1%	3.0%

Special Education Status

Students eligible for special education services were identified to have a disability(ies), and consequently, are unable to progress effectively in the general education program without specially designed instruction. Special education students had a retention rate of 5.2 percent, compared to a rate of 2.1 percent for general education students. The retention rate for special education students was slightly higher for the 2004-05 school year than the 2003-04 school year, while the retention rate for general education students was slightly lower than the 2003-04 school year.

Table 18: Retention by Special Education Status

	Total 1-12 Enrollment	Number Retained	2004-05 Retention Rate	2003-04 Retention Rate	Percent of All 2004-05 Retentions
General Education	751,156	15,970	2.1%	2.2%	69.9%
Special Education	131,800	6,864	5.2%	5.1%	30.1%

Nature of Primary Disability

Students identified as special education may be placed in one of 13 primary disability categories: autism, communication, deaf-blindness, emotional, health, hearing, intellectual, multiple disabilities, specific learning disabilities, neurological, physical, and vision. The retention rate by nature of primary disability ranged from 2.9 percent (neurological) to 9.0 percent (intellectual), with all being retained above the state rate of 2.6 percent.

Three categories of primary disabilities – emotional, intellectual, and specific learning disabilities – accounted for over 72 percent of all retentions among special education students, while comprising 66 percent of the special education population.

Table 19: Retention Rates by Nature of Disability
(Sorted from Highest to Lowest Retention Rate)

Disability	Total 1-12 Enrollment	Number Retained	Retention Rate
Intellectual	10,872	981	9.0%
Emotional	9,367	793	8.5%
Multiple Disabilities	3,740	271	7.2%
Hearing	858	51	5.9%
Developmental Delay	8,038	401	5.0%
Deaf-Blindness	162	8	4.9%
Vision	454	20	4.4%
Specific Learning Disability	66,166	2,862	4.3%
Autism	3,058	120	3.9%
Health	6,283	229	3.6%
Physical	980	32	3.3%
Communication	17,868	551	3.1%
Neurological	3,954	113	2.9%

Limited English Proficient Status

Limited English proficient (LEP) students were those students: 1) who do not speak English or 2) whose native language is not English and who currently cannot perform ordinary classroom work in English. Students that were identified as LEP had a retention rate of 6.3 percent, which was over half a percentage point higher than the rate for LEP students in 2003-04. Non-LEP students were retained at a rate of 2.4 percent – the same as the retention rate in 2003-04.

Table 20: Retention by Limited English Proficient Status

	Total 1-12 Enrollment	Number Retained	2004-05 Retention Rate	2003-04 Retention Rate	Percent of All 2004-05 Retentions
Non-LEP	839,542	20,107	2.4%	2.4%	88.1%
LEP	43,414	2,727	6.3%	5.7%	11.9%

Socio-Economic Status

Students are identified as “low-income” if they are eligible for free or reduced-price lunch. Students identified as low-income were retained at a rate of 5.2 percent while students not considered low-income were retained at a rate of 1.6 percent. The retention rate for low-income students was 0.2 percentage points higher than the rate for the 2003-04 school year, and the rate for non-low-income students was slightly lower than the rate for the 2003-04 school year.

Table 21: Retention by Socio-Economic Status

	Total 1-12 Enrollment	Number Retained	2004-05 Retention Rate	2003-04 Retention Rate	Percent of All 2004-05 Retentions
Non-Low-Income	634,237	9,945	1.6%	1.7%	43.6%
Low-Income	248,719	12,889	5.2%	5.0%	56.4%

Title I Status

Students reported as receiving any type of Title I service were included in this category. Title I provides additional support and resources to students in high-poverty schools and districts. Students receiving Title I services were retained at a rate of 4.8 percent, while those not receiving Title I services were retained at a rate of 1.9 percent. The retention rate for Title I students is 0.2 percentage points lower than the rate in 2003-04.

Table 22: Retention by Title I Status

	Total 1-12 Enrollment	Number Retained	2004-05 Retention Rate	2003-04 Retention Rate	Percent of All 2004-05 Retentions
Non-Title I	659,884	12,226	1.9%	1.9%	53.5%
Title I	223,072	10,608	4.8%	5.0%	46.5%

Immigrant Status

Students were identified as an immigrant if the student was not born in any state⁵ and the student had not completed three full academic years of school in any state. Immigrant students were retained at a rate 3.9 percent and non-immigrant students were retained at a rate of 2.6 percent.

Table 23: Retention by Immigrant Status

	Total 1-12 Enrollment	Number Retained	2004-05 Retention Rate	2003-04 Retention Rate	Percent of All 2004-05 Retentions
Non-Immigrant	861,988	22,013	2.6%	2.4%	96.4%
Immigrant	20,968	821	3.9%	3.9%	3.6%

⁵ State means “any of the 50 states, the Commonwealth of Puerto Rico, the District of Columbia, Guam, American Samoa, the Virgin Islands, the Northern Mariana Islands, or the Trust territory of the Pacific Islands.” (34CFR Part 58.11)

RETENTION BY SCHOOL TYPE

Vocational-Technical Schools

In the 2004-05 school year, there were 32,981 students enrolled in a vocational-technical school. Among all vocational-technical schools, 916 students were retained for a retention rate of 2.8 percent. Students not attending a vocational-technical school were retained at the state rate of 2.6 percent.

Vocational-technical schools were grouped into two categories: city/town and regional/county/independent. The retention rate for city/town vocational-technical schools at 7.4 percent was over 4.5 percentage points higher than the total vocational-technical retention rate. Conversely, the rate for regional/county/independent vocational-technical schools, 1.6 percent, was below the total vocational-technical rate of 2.8 percent.

Table 24: Retention by Vocational-Technical Schools

	Total 1-12 Enrollment	Number Retained	Retention Rate	Percent of All Retentions
Vocational-Technical Total	32,891	916	2.8%	4.0%
City/Town	6,863	509	7.4%	2.2%
Regional/County/Independent	26,028	407	1.6%	1.8%
Non-Vocational Technical	850,065	21,918	2.6%	96.0%

Charter Schools

In 2004-05 there were 18,653 students enrolled in a charter school in grades one through twelve. Of these students, 4.1 percent (773 students) were retained. The retention rate for non-charter school students matches the state rate at 2.6 percent. Of the fifty-six charter schools, four had a retention rate of 0.0 percent, and 29 schools had a rate below the state average of 2.6 percent. Nine charter schools accounted for the majority (50.3 percent) of the 773 retentions in charter schools in the 2004-05 school year.

Table 25: Retention by Charter Schools

	Total 1-12 Enrollment	Number Retained	Retention Rate	Percent of All Retentions
Charter School	18,653	773	4.1%	3.4%
Non-Charter School	864,303	22,061	2.6%	96.6%

APPENDIX A: DISTRICT TOTAL RETENTION RATES AND DISTRICT RETENTION RATES BY RACE

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Abington	2,176	9	0.4	0.0	0.0	0.0		0.5
Acton	2,204	4	0.2	0.0	0.0	0.0		0.2
Acushnet	989	16	1.6		0.0			1.7
Agawam	3,940	114	2.9	5.9	7.5	7.6	12.5	2.9
Amesbury	2,321	65	2.8	4.8	5.3	4.3	0.0	2.8
Amherst	1,230	3	0.2	0.6	0.0	0.7	0.0	0.1
Andover	5,444	45	0.8	0.0	0.0	4.7	10.0	0.8
Arlington	4,002	30	0.7	1.0	0.5	1.6	0.0	0.7
Ashland	2,294	7	0.3	0.0	1.4	2.1	0.0	0.2
Attleboro	5,729	186	3.2	3.2	2.9	6.0	0.0	3.1
Auburn	2,124	10	0.5	0.0	0.0	1.9	0.0	0.5
Avon	672	15	2.2	6.5	3.1	0.0		2.0
Ayer	1,167	15	1.3	1.9	0.9	0.0	0.0	1.4
Barnstable	4,624	180	3.9	3.5	5.2	6.4	7.6	3.7
Bedford	2,085	13	0.6	0.5	0.8	2.7	0.0	0.6
Belchertown	2,334	50	2.1	0.0	0.0	2.2		2.4
Bellingham	2,484	39	1.6	0.0	0.0	2.0	11.1	1.6
Belmont	3,407	12	0.4	0.5	3.0	0.0		0.2
Berkley	854	5	0.6		14.3			0.5
Berlin	200	0	0.0					0.0
Beverly	4,109	95	2.3	0.0	2.6	7.9		2.1
Billerica	5,813	101	1.7	0.0	1.3	0.0	5.9	1.9
Boston	52,813	3,916	7.4	4.1	8.6	7.8	8.9	4.7
Bourne	2,286	40	1.7	0.0	2.3	2.4	0.0	1.7
Boxborough	513	1	0.2	0.0		9.1		0.0
Boxford	827	3	0.4	0.0				0.4

*Note: Missing data were suppressed due to low enrollment
 **Indicates one school was removed from district totals due to misreported data

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Boylston	323	4	1.2	0.0	0.0	11.1		1.0
Braintree	4,643	58	1.2	3.2	2.9	2.2	0.0	1.1
Brewster	454	0	0.0	0.0	0.0			0.0
Brimfield	259	0	0.0					0.0
Brockton	14,478	589	4.1	2.0	4.7	5.1	4.2	3.1
Brookfield	248	2	0.8					0.8
Brookline	5,357	26	0.5	0.4	0.7	1.5	0.0	0.4
Burlington	3,231	19	0.6	0.3	2.6	0.0		0.6
Cambridge	5,426	101	1.9	1.3	2.5	2.6	2.6	1.0
Canton	2,734	18	0.7	1.8	1.3	0.0	0.0	0.6
Carlisle	731	0	0.0	0.0		0.0		0.0
Carver	1,871	38	2.0		0.0			2.0
Chatham	647	7	1.1		0.0	0.0		1.1
Chelmsford	5,290	21	0.4	0.0	1.8	0.0		0.4
Chelsea	4,784	401	8.4	6.0	8.9	8.9	8.3	8.4
Chicopee	6,903	87	1.3	2.6	1.4	2.8	0.0	0.8
Clarksburg	178	1	0.6					0.6
Clinton	1,758	18	1.0	0.0	0.0	1.7		1.0
Cohasset	1,373	4	0.3	0.0	0.0	0.0		0.3
Concord	1,749	3	0.2	0.0	0.0	2.4	0.0	0.1
Conway	125	6	4.8					4.8
Danvers	3,308	19	0.6	0.0	4.0	1.5		0.6
Dartmouth	3,996	33	0.8	1.0	1.7	3.2	0.0	0.9
Dedham	2,598	76	2.9	0.0	8.5	7.6	6.3	2.5
Deerfield	356	2	0.6	0.0		0.0		0.6
Douglas	1,432	9	0.6	0.0		7.7		0.6
Dover	533	2	0.4	0.0	10.0	0.0		0.2
Dracut	3,872	119	3.1	2.4	6.3	6.3		3.0
Duxbury	3,006	6	0.2	0.0	0.0	6.3		0.2

*Note: Missing data were suppressed due to low enrollment

**Indicates one school was removed from district totals due to misreported data

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
East Bridgewater	2,240	26	1.2	0.0	2.9	6.7		1.1
Eastham	167	1	0.6			0.0		0.6
Easthampton	1,475	49	3.3	3.5	0.0	7.0		3.5
East Longmeadow	2,563	24	0.9	3.0	0.0	3.7		0.9
Easton	3,501	15	0.4	0.0	0.9	1.4	0.0	0.5
Edgartown	316	2	0.6		0.0			0.7
Erving	119	4	3.4					3.5
Everett	4,800	95	2.0	1.5	3.4	2.5	0.0	1.6
Fairhaven	2,076	101	4.9	0.0	3.2	7.7		4.9
Fall River	10,237	604	5.9	4.4	5.9	9.0	3.2	5.6
Falmouth	3,843	17	0.4	5.6	2.1	0.0	0.0	0.3
Fitchburg	5,046	273	5.4	4.2	6.3	7.1	0.0	4.4
Florida	87	0	0.0					0.0
Foxborough	2,642	24	0.9	3.9	2.6	0.0		0.8
Framingham	7,197	94	1.3	0.9	2.4	1.9	0.0	1.1
Franklin	5,295	30	0.6	0.0	1.9	6.7	0.0	0.5
Freetown	403	3	0.7					0.8
Gardner	2,905	104	3.6	2.9	5.4	7.1	0.0	3.5
Georgetown	1,386	6	0.4	0.0	0.0	0.0		0.5
Gloucester	3,622	151	4.2	0.0	2.0	9.3		4.1
Gosnold	1	0	0.0					
Grafton	2,236	32	1.4	1.4	0.0	2.3	4.8	1.4
Granby	1,047	7	0.7					0.7
Granville	198	4	2.0			0.0		2.1
Greenfield	1,767	52	2.9	0.0	1.8	8.2	0.0	2.9
Hadley	548	3	0.5	7.7	0.0	5.3		0.2
Halifax	617	6	1.0					1.2
Hancock	40	0	0.0					0.0
Hanover	2,535	4	0.2	0.0	3.8	0.0		0.1

*Note: Missing data were suppressed due to low enrollment

**Indicates one school was removed from district totals due to misreported data

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Harvard	1,170	2	0.2	0.0	11.8	0.0		0.0
Harwich	1,335	39	2.9	8.3	12.5	5.9		2.7
Hatfield	429	0	0.0	0.0				0.0
Haverhill	7,065	203	2.9	2.6	5.5	4.6		2.4
Hingham	3,316	13	0.4	0.0	2.1	0.0		0.4
Holbrook	1,258	37	2.9	2.2	3.2	3.5		2.8
Holland	184	0	0.0					0.0
Holliston	2,755	17	0.6	0.0	0.0	0.0		0.6
Holyoke	6,352	438	6.9	0.0	8.2	7.8	0.0	4.3
Hopedale	1,051	6	0.6	0.0	0.0	0.0		0.6
Hopkinton	3,122	6	0.2	1.4	0.0	0.0		0.2
Hudson	2,463	51	2.1	0.0	0.0	1.3		2.2
Hull	1,190	27	2.3	0.0	9.1	4.8	0.0	2.1
Ipswich	1,872	8	0.4	0.0	0.0	0.0		0.5
Kingston	1,020	7	0.7	0.0	0.0			0.9
Lakeville	611	10	1.6				0.0	1.7
Lanesborough	239	1	0.4	0.0	0.0			0.4
Lawrence	11,022	506	4.6	3.7	2.6	4.8	0.0	3.4
Lee	800	21	2.6	7.1	0.0	4.7	0.0	2.4
Leicester	1,672	41	2.5	0.0	8.1	0.0	0.0	2.6
Lenox	773	2	0.3	0.0		0.0		0.3
Leominster	5,597	184	3.3	1.8	3.8	5.9	0.0	2.7
Leverett	109	0	0.0	0.0	0.0			0.0
Lexington	5,768	10	0.2	0.2	0.0	0.8		0.2
Lincoln	1,085	1	0.1	0.0	0.0	0.0	0.0	0.1
Littleton	1,375	30	2.2	0.0		0.0		2.3
Longmeadow	3,125	27	0.9	1.2	0.0	11.5		0.8
Lowell	13,135	705	5.4	6.3	3.8	8.1	6.3	3.6
Ludlow	2,846	52	1.8	0.0	2.9	4.7		1.8

*Note: Missing data were suppressed due to low enrollment
 **Indicates one school was removed from district totals due to misreported data

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Lunenburg	1,651	22	1.3	3.1	7.7	4.0	0.0	1.3
Lynn	12,944	769	5.9	4.9	6.5	7.0	13.5	5.0
Lynnfield	1,895	15	0.8	0.0	2.7	0.0	0.0	0.9
Malden	5,514	192	3.5	1.4	4.1	4.6	15.4	3.9
Mansfield	4,328	5	0.1	0.0	0.8	0.0		0.1
Marblehead	2,774	20	0.7	0.0	3.2	4.3		0.6
Marion	386	3	0.8		0.0			0.8
Marlborough	4,258	127	3.0	0.7	3.2	5.9	8.3	2.1
Marshfield	4,144	40	1.0	0.0	0.0	0.0	9.1	1.0
Mashpee	1,906	69	3.6	0.0	2.9	8.8	2.9	3.8
Mattapoisett	431	2	0.5		0.0			0.5
Maynard	1,209	21	1.7	0.0	5.3	12.0		1.3
Medfield	2,814	3	0.1	0.0	0.0	0.0		0.1
Medford	4,338	148	3.4	1.9	4.4	4.4	0.0	3.2
Medway	2,597	16	0.6	0.0	4.5	0.0		0.6
Melrose	3,070	15	0.5	0.0	1.9	2.9	0.0	0.4
Methuen	6,607	147	2.2	0.0	4.0	3.6	2.9	1.9
Middleborough	3,272	44	1.3	0.0	1.1	4.7		1.4
Middleton	655	2	0.3	0.0	0.0	0.0		0.3
Milford	3,722	69	1.9	0.0	4.7	3.8	0.0	1.7
Millbury	1,765	21	1.2	3.6	0.0	7.7	0.0	1.0
Millis	1,185	8	0.7	0.0	0.0	0.0		0.7
Milton	3,265	60	1.8	2.3	4.6	1.2		1.2
Monson	1,385	18	1.3	0.0	0.0	3.8		1.3
Nahant	175	0	0.0					0.0
Nantucket	1,095	16	1.5	0.0	1.9	3.2		1.3
Natick	4,109	13	0.3	0.0	1.5	0.0	0.0	0.4
Needham	4,412	10	0.2	0.8	2.7	2.9		0.1
New Bedford	12,544	809	6.4	2.9	7.6	8.8	6.5	5.6

*Note: Missing data were suppressed due to low enrollment

**Indicates one school was removed from district totals due to misreported data

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Newburyport	2,165	17	0.8	0.0	4.8	3.6	0.0	0.7
Newton	10,410	22	0.2	0.2	0.3	0.6	0.0	0.2
Norfolk	924	2	0.2	0.0	0.0		0.0	0.2
North Adams	1,788	35	2.0	0.0	0.0	1.4	0.0	2.3
Northampton	2,723	25	0.9	0.8	0.8	3.0	0.0	0.7
North Andover	4,115	9	0.2	0.0	0.0	1.7	0.0	0.2
North Attleborough	4,243	49	1.2	0.0	2.9	1.9	0.0	1.1
Northborough	1,737	2	0.1	0.0	0.0	0.0	0.0	0.1
Northbridge	2,322	52	2.2	0.0	4.0	0.0	0.0	2.3
North Brookfield	738	4	0.5		0.0	0.0	0.0	0.6
North Reading	2,451	11	0.4	0.0	0.0	0.0	0.0	0.5
Norton	2,861	84	2.9	0.0	0.0	5.9	16.7	3.0
Norwell	1,908	4	0.2	0.0	0.0	0.0		0.2
Norwood	3,334	49	1.5	0.0	2.5	0.7		1.5
Oak Bluffs	378	1	0.3	0.0	5.6	0.0	0.0	0.0
Orange	629	12	1.9		0.0	0.0		2.2
Orleans	199	0	0.0					0.0
Oxford	2,004	52	2.6	0.0	5.0	6.5		2.4
Palmer**	1,282	30	2.3	0.0	14.3	10.0		2.5
Peabody	5,998	62	1.0	1.1	0.9	3.3	0.0	0.8
Pelham	96	0	0.0					0.0
Pembroke	2,853	42	1.5	0.0	0.0	0.0		1.6
Petersham	110	0	0.0					0.0
Pittsfield	5,830	218	3.7	0.0	5.0	4.6	0.0	3.6
Plainville**	325	1	0.3	0.0	0.0			0.3
Plymouth	7,822	162	2.1	1.2	5.4	3.9	3.7	2.0
Plympton	215	1	0.5					0.5
Provincetown	224	1	0.4		0.0	0.0		0.5
Quincy	8,054	258	3.2	2.2	4.5	2.9	10.3	3.6

*Note: Missing data were suppressed due to low enrollment

**Indicates one school was removed from district totals due to misreported data

District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Randolph	3,335	167	5.0	2.8	6.2	8.9	0.0	3.5
Reading	3,889	19	0.5	0.0	0.0	0.0	0.0	0.5
Revere	5,076	281	5.5	7.9	6.6	5.7	7.1	5.1
Richmond	167	1	0.6					0.6
Rochester	481	5	1.0					0.8
Rockland	2,407	33	1.4	0.0	0.0	4.6	0.0	1.4
Rockport	962	10	1.0	7.1		0.0		0.9
Rowe	41	0	0.0					0.0
Salem	4,214	159	3.8	0.8	4.7	6.2	0.0	2.9
Sandwich	3,712	23	0.6	0.0	0.0	0.0		0.7
Saugus	2,919	50	1.7	4.9	0.0	1.4		1.7
Savoy	42	0	0.0					0.0
Scituate	2,878	19	0.7	0.0	1.1	0.0		0.7
Seekonk	2,160	15	0.7	0.0	0.0	0.0	0.0	1.0
Sharon	3,266	14	0.4	0.4	1.8	0.0		0.4
Sherborn	384	0	0.0	0.0	0.0			0.0
Shirley	562	8	1.4	0.0	0.0	0.0		1.8
Shrewsbury	5,171	23	0.4	0.3	1.0	1.3	0.0	0.4
Shutesbury	127	0	0.0			0.0		0.0
Somerset	2,608	67	2.6	2.9	2.9	0.0		2.6
Somerville	4,701	276	5.9	2.5	7.9	7.3	0.0	5.1
Southampton	419	1	0.2					0.2
Southborough	1,416	1	0.1	0.0	0.0	0.0		0.1
Southbridge	2,231	108	4.8	0.0	13.7	7.5		3.3
South Hadley	2,138	18	0.8	0.0	0.0	3.9	0.0	0.7
Springfield	23,336	1,739	7.5	5.0	7.2	8.6	7.5	5.3
Stoneham	2,642	33	1.2	0.0	2.1	4.9		1.2
Stoughton	3,638	76	2.1	0.0	3.2	1.9		2.2
Sturbridge	698	2	0.3	0.0	0.0	0.0	0.0	0.3

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District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Sudbury	2,794	5	0.2	0.0	0.0	0.0		0.2
Sunderland	202	2	1.0	0.0	0.0	0.0		1.1
Sutton	1,532	12	0.8	0.0	0.0	0.0		0.8
Swampscott	2,186	16	0.7	2.3	3.9	0.0		0.6
Swansea	1,905	35	1.8	5.9	0.0			1.8
Taunton	7,503	138	1.8	3.7	4.4	3.3	9.1	1.6
Tewksbury	4,351	94	2.2	1.0	3.1	0.0		2.2
Tisbury	266	0	0.0		0.0	0.0	0.0	0.0
Topsfield	611	1	0.2	0.0				0.2
Truro	78	0	0.0					0.0
Tyngsborough	2,039	22	1.1	0.0	0.0	0.0		1.1
Uxbridge	1,852	7	0.4	0.0	0.0	0.0	0.0	0.4
Wakefield	3,177	41	1.3	0.0	0.0	2.2		1.4
Wales	131	1	0.8					0.8
Walpole	3,401	36	1.1	2.2	0.0	0.0		1.1
Waltham**	4,072	67	1.6	0.0	4.0	3.9		1.2
Ware	1,076	40	3.7	0.0	0.0	12.1		3.7
Wareham	3,135	140	4.5	0.0	7.4	9.5	6.3	3.9
Watertown	2,142	15	0.7	0.0	2.6	2.1	7.7	0.5
Wayland	2,752	5	0.2	0.4	0.0	0.0		0.2
Webster	1,621	27	1.7	0.0	2.9	2.1	0.0	2.0
Wellesley	3,948	11	0.3	0.4	0.0	0.0	0.0	0.3
Wellfleet	112	0	0.0					0.0
Westborough	3,212	10	0.3	0.3	2.1	0.8		0.3
West Boylston	1,041	2	0.2	0.0		0.0		0.3
West Bridgewater	1,013	12	1.2	0.0	0.0	11.1		1.1
Westfield	6,061	78	1.3	1.4	0.0	2.8		1.2
Westford	4,757	54	1.1	0.7	0.0	2.8		1.2
Westhampton	119	0	0.0					0.0

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District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Weston	2,152	2	0.1	0.0	0.8	0.0		0.1
Westport	1,646	59	3.6		8.3	0.0		3.6
West Springfield	3,604	196	5.4	7.0	17.3	10.6	0.0	4.4
Westwood	2,557	1	0.0	0.0	0.0	0.0	0.0	0.1
Weymouth	6,084	163	2.7	1.9	6.2	4.4	3.6	2.5
Whately	108	0	0.0					0.0
Williamsburg	161	0	0.0					0.0
Williamstown	418	0	0.0	0.0	0.0	0.0		0.0
Wilmington	3,488	28	0.8	0.0	5.0	0.0	0.0	0.8
Winchendon	1,546	62	4.0	5.6	3.8	1.9		4.1
Winchester	3,324	8	0.2	0.4	0.0	0.0		0.4
Winthrop	1,868	69	3.7	0.0	0.0	4.8		3.7
Woburn	4,179	49	1.2	0.5	0.0	3.0		1.1
Worcester	21,863	950	4.3	2.8	5.2	5.5	5.1	3.7
Wrentham	1,033	7	0.7	0.0	0.0	0.0		0.8
Northampton-Smith	437	8	1.8		0.0	0.0		2.1
Excel Academy Charter	194	4	2.1		0.0	2.3		2.1
Academy Of the Pacific Rim	333	30	9.0	0.0	10.9	8.0		6.3
Four Rivers Charter	102	2	2.0					2.0
Berkshire Arts and Tech	64	5	7.8		12.5	0.0		8.0
Academy of Strategic Lear	50	6	12.0					12.0
Boston Preparatory CS	106	3	2.8		3.2	0.0		
Framingham Community Char	254	1	0.4	0.0	0.0	0.0		0.4
Smith Leadership Academy	166	3	1.8		2.1	0.0		
Benjamin Banneker Charter	253	10	4.0		4.4	0.0		
Roxbury Charter	104	11	10.6		10.8	0.0		
Barnstable HMCS	893	4	0.4	0.0	0.0	3.4	0.0	0.4
Boston Evening Academy HM	268	105	39.2	50.0	40.3	32.3		40.0
Marston Mills East HMCS	283	1	0.4					0.4

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District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Edward Brooke Charter	222	5	2.3		2.8	0.0		0.0
Kipp Academy CS	77	7	9.1		27.8	4.7		0.0
Cape Cod Lighthouse Chart	180	0	0.0					0.0
Champion HMCS	121	45	37.2		33.8	27.8		48.5
Murdoch Middle Public Cha	239	3	1.3	0.0				1.3
City On A Hill Charter	236	56	23.7		25.9	10.3		16.7
Codman Academy Charter	105	3	2.9		2.2	8.3		
Conservatory Lab Charter	112	6	5.4		4.4	9.1		3.7
Community Day Charter	264	1	0.4		9.1	0.0		0.0
Sabis International Chart	1,277	50	3.9	0.0	4.3	5.0		3.1
Frederick Douglass Charter	349	2	0.6		0.6	0.0		
Neighborhood House Charter	176	5	2.8	0.0	2.9	6.7		2.1
Abby Kelley Foster Region	929	35	3.8	0.0	4.1	6.1		3.3
Foxboro Regional Charter	885	4	0.5	0.0	1.1	0.0		0.4
Benjamin Franklin Classic	356	1	0.3	0.0		0.0		0.3
So.Boston Harbor Academy	360	18	5.0	0.0	4.8	7.7		5.1
Hilltown Cooperative Char	134	1	0.7					0.8
Robert M. Hughes Academy	158	3	1.9		2.3	0.0		
Health Careers Academy HM	199	3	1.5	0.0	1.4	2.9		0.0
Lawrence Family Development	452	9	2.0			2.0		
Hill View Montessori CS	87	1	1.1			0.0		1.5
Lowell Community Charter	514	11	2.1	1.4	4.3	2.2		2.1
Lowell Middlesex Academy	100	42	42.0	50.0		42.9		38.8
Marblehead Community Char	220	0	0.0					0.0
Martha's Vineyard Charter	148	7	4.7		7.1			4.7
Ma Academy for Math and S	90	0	0.0	0.0				0.0
Media and Technology Char	186	19	10.2	0.0	12.2	10.8		0.0
Mystic Valley Regional Ch	977	9	0.9	0.0	2.2	0.0	0.0	0.8
New Leadership HMCS	396	81	20.5		22.8	14.0		12.5

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District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
New Bedford Global HMCS	279	0	0.0	0.0	0.0	0.0		0.0
North Central Charter Essen	334	12	3.6	0.0	0.0	12.5		2.5
Francis W. Parker Charter	368	1	0.3	0.0				0.3
Pioneer Valley Performing	402	21	5.2	0.0	12.9	4.2		4.8
Boston Renaissance Charter	1,148	11	1.0	0.0	1.1	0.0	0.0	0.0
River Valley Charter	255	3	1.2	0.0				1.2
Rising Tide Charter	253	2	0.8		0.0			0.8
Roxbury Preparatory Chart	190	4	2.1		2.9	0.0		
Salem Academy CS	87	0	0.0			0.0		0.0
Seven Hills Charter	590	20	3.4	0.0	3.0	4.0		3.3
Prospect Hill Academy Cha	671	26	3.9	0.0	4.9	3.7		2.9
South Shore Charter	428	6	1.4	0.0	0.0	0.0		1.7
Sturgis Charter	357	14	3.9		7.7			3.6
Uphams Corner Charter	147	24	16.3		17.9	20.0		0.0
Atlantis Charter	615	17	2.8	0.0	6.8	4.0		2.3
Acton-Boxborough	2,635	9	0.3	0.0	2.4	0.0		0.4
Adams-Cheshire	1,628	18	1.1	0.0	0.0	0.0	10.0	1.1
Amherst-Pelham	1,945	55	2.8	5.2	7.5	5.2	7.1	1.7
Ashburnham-Westminster	2,196	25	1.1	0.0	0.0	6.3		1.1
Athol-Royalston	1,968	41	2.1	5.6	4.9	3.8	0.0	1.9
Berkshire Hills	1,306	9	0.7	5.3	0.0	0.0		0.7
Berlin-Boylston	460	2	0.4			0.0		0.7
Blackstone-Millville	2,016	45	2.2	0.0	0.0	6.9		2.3
Bridgewater-Raynham	5,379	54	1.0	1.4	1.4	3.4	0.0	1.1
Chesterfield-Goshen	136	2	1.5					1.5
Central Berkshire	2,046	38	1.9	0.0	8.0	0.0		1.8
Concord-Carlisle	1,265	1	0.1	0.0	0.0	0.0		0.4
Dennis-Yarmouth	3,724	36	1.0	1.9	0.5	2.6	0.0	1.0
Dighton-Rehoboth	3,067	11	0.4	0.0	8.3	0.0		0.3

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Dover-Sherborn	1,058	5	0.5	2.7	0.0	0.0		0.4
Dudley-Charlton Reg	3,878	73	1.9	0.0	4.3	3.5		1.8
Nauset	1,717	33	1.9	0.0	0.0	0.0		2.0
Farmington River Reg	147	1	0.7					0.0
Freetown-Lakeville	1,860	7	0.4	0.0	0.0	0.0	14.3	0.3
Frontier	726	5	0.7	0.0	9.1	0.0		0.6
Gateway	1,248	28	2.2		0.0	0.0	16.7	2.4
Groton-Dunstable	2,633	17	0.6	0.0				0.7
Gill-Montague	1,106	49	4.4	0.0	4.8	14.1	11.1	4.4
Hamilton-Wenham	2,046	5	0.2	0.0	7.1	0.0		0.2
Hampden-Wilbraham	3,560	41	1.2	1.5	3.4	2.6	0.0	1.2
Hampshire	859	9	1.0			9.1		0.9
Hawlemont	100	0	0.0					0.0
King Philip	1,971	24	1.2	0.0	0.0	0.0		1.3
Lincoln-Sudbury	1,484	2	0.1	0.0	0.0	0.0		0.2
Manchester Essex Regional	1,181	9	0.8		0.0			0.8
Marthas Vineyard	803	17	2.1		10.0	1.6	0.0	2.2
Masconomet	2,084	9	0.4	0.0	0.0	0.0		0.4
Mendon-Upton	2,464	12	0.5	0.0	0.0	5.0	0.0	0.5
Mount Greylock	730	4	0.5	0.0	0.0	0.0		0.6
Mohawk Trail	1,305	57	4.4	0.0	0.0	0.0	0.0	4.5
Narragansett	1,514	32	2.1	0.0	0.0	6.7		2.1
Nashoba	2,775	17	0.6	0.0	3.8	0.0		0.7
New Salem-Wendell	115	4	3.5					1.0
Northboro-Southboro	1,273	6	0.5	0.0	5.6	0.0		0.4
North Middlesex	4,162	53	1.3	0.0	4.8	0.0		1.3
Old Rochester	1,203	14	1.2	0.0	3.1	10.0		1.0
Pentucket	3,117	26	0.8	0.0	0.0	0.0		0.9
Pioneer Valley	951	19	2.0	0.0	14.3	0.0		1.9

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District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Quabbin	2,989	58	1.9	0.0	2.3	4.2	0.0	2.0
Ralph C Mahar	696	42	6.0	0.0	12.5	6.7		6.0
Silver Lake	1,773	6	0.3	0.0	0.0	16.7		0.3
Southern Berkshire	855	13	1.5	0.0	4.3	7.1		1.4
Southwick-Tolland	1,773	37	2.1	0.0	4.0	0.0		2.1
Spencer-E Brookfield	1,980	73	3.7	0.0	9.7	8.3	6.3	3.5
Tantasqua	1,796	64	3.6	0.0	10.0	0.0	8.0	3.6
Triton	3,052	50	1.6	0.0	0.0	0.0	0.0	1.7
Up-Island Regional	341	1	0.3	0.0		0.0	0.0	0.3
Wachusett	6,452	14	0.2	0.0	2.6	1.2	0.0	0.2
Quaboag Regional	1,317	17	1.3	0.0	10.0	0.0	0.0	1.3
Whitman-Hanson	4,003	27	0.7	0.0	1.0	1.7	16.7	0.6
Assabet Valley	907	7	0.8	0.0	0.0	3.7		0.5
Blackstone Valley Reg	850	5	0.6	0.0	0.0	0.0	0.0	0.6
Blue Hills Voc	780	3	0.4		0.0	0.0		0.5
Bristol-Plymouth Voc Tech	1,000	3	0.3		4.8	0.0		0.2
Cape Cod Region Voc Tech	715	19	2.7		3.3	4.8	0.0	2.6
Franklin County	529	17	3.2	14.3	14.3	0.0		3.0
Greater Fall River	1,266	16	1.3	0.0	0.0	0.0		1.3
Greater Lawrence RVT	1,501	52	3.5	11.1		3.2		3.9
Greater New Bedford	1,906	67	3.5	0.0	3.0	2.2	0.0	3.8
Greater Lowell Voc Tec	1,941	17	0.9	1.2	0.0	0.0	0.0	1.2
So Middlesex Voc Tech Reg	742	18	2.4		3.8	1.5		2.1
Minuteman Voc Tech	727	10	1.4	0.0	0.0	0.0		1.7
Montachusett Voc Tech Reg	1,229	20	1.6	3.0	0.0	3.1	0.0	1.5
Northern Berkshire Voc	468	7	1.5					1.5
Nashoba Valley Tech	545	6	1.1		0.0	3.0		1.0
Northeast Metro Voc	1,213	12	1.0	0.0	0.0	0.0		1.3
North Shore Reg Voc	455	6	1.3		0.0	0.0		1.5

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District Name	Total Enrolled	Total Retained	Total Rate	Asian Rate	Black Rate	Hispanic Rate	Native American Rate	White Rate
Old Colony Reg Voc Tech	547	3	0.5			0.0		0.6
Pathfinder Voc Tech	654	19	2.9			11.1		2.8
Shawsheen Valley Voc Tech	1,226	13	1.1	0.0	0.0	0.0		1.1
Southeastern Reg Voc Tech	1,197	7	0.6		0.7	0.0	0.0	0.6
South Shore Reg Voc Tech	572	5	0.9		9.1	0.0		0.7
Southern Worcester Cty VT	1,021	17	1.7		0.0	3.1		1.6
Tri County	856	14	1.6		0.0	0.0		1.8
Upper Cape Cod Voc Tech	641	6	0.9		5.0	0.0		0.7
Whittier Voc	1,255	28	2.2	0.0	5.9	4.6		1.7
Bristol County Agr	426	0	0.0					0.0
Essex Agr Tech	425	8	1.9			0.0		2.2
Norfolk County Agr	434	2	0.5		12.5	0.0		0.2

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APPENDIX B: DISTRICT RETENTION BY GRADE

District Name	Grade 1 Rate	Grade 2 Rate	Grade 3 Rate	Grade 4 Rate	Grade 5 Rate	Grade 6 Rate	Grade 7 Rate	Grade 8 Rate	Grade 9 Rate	Grade 10 Rate	Grade 11 Rate	Grade 12 Rate
Abington	0.0	0.5	0.0	0.5	0.0	0.0	0.0	1.0	1.5	1.4	0.7	1.2
Acton	0.8	0.3	0.0	0.0	0.0	0.0						
Acushnet	0.0	3.1	5.3	0.0	0.0	0.0	1.4	3.3				
Agawam	2.8	1.2	0.6	0.3	2.1	0.0	5.1	1.7	11.9	7.5	2.0	0.4
Amesbury	4.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	11.4	9.3	3.1	4.3
Amherst	0.5	0.0	0.5	0.0	0.0	0.5						
Andover	1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.2	3.6	2.5	1.1	0.8
Arlington	3.0	0.7	0.3	0.3	0.3	0.0	0.3	0.0	0.7	0.4	2.0	0.8
Ashland	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.6	0.6	0.0
Attleboro	5.5	1.9	0.2	0.2	0.2	0.4	1.4	0.2	10.9	8.0	6.4	1.7
Auburn	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.7	0.7	1.2	0.0	0.6
Avon	2.2	2.0	1.8	2.0	1.7	0.0	3.2	4.6	5.0	1.6	3.4	0.0
Ayer	0.9	1.0	3.4	0.0	0.9	2.2	0.0	1.1	2.1	0.0	0.0	3.9
Barnstable	4.2	1.9	1.0	0.7			0.0	0.8	13.9	5.3	7.5	1.0
Bedford	1.2	0.0	0.6	1.1	0.0	0.0	0.0	0.0	1.0	3.9	0.0	0.0
Belchertown	1.6	1.5	0.5	0.5	0.0	2.2	1.0	1.0	11.0	3.0	1.8	3.3
Bellingham	2.9	0.5	0.5	0.0	0.5	1.3	1.8	1.0	5.0	3.4	1.5	0.5
Belmont	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	1.6	1.0	0.0	0.7
Berkley	0.0	1.0	1.1	0.0	0.0	0.0	2.3	0.0				
Berlin	0.0	0.0	0.0	0.0	0.0	0.0						
Beverly	1.7	0.9	1.4	0.8	1.2	2.4	0.8	0.6	10.1	4.2	3.0	0.7
Billerica	5.1	1.6	1.3	0.0	0.4	1.4	0.4	1.6	2.4	3.0	3.9	0.6
Boston	9.4	4.1	6.2	2.6	1.6	5.6	5.3	3.2	17.3	11.0	8.2	11.1
Bourne	1.9	0.0	0.5	0.5	0.0	0.0	0.8	0.0	11.4	1.2	4.2	0.8
Boxborough	0.0	1.4	0.0	0.0	0.0	0.0						
Boxford	0.0	1.5	0.7	0.0	0.0	0.0						
Boylston	3.8	4.3	0.0	0.0	0.0	0.0						

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District Name	Grade 1 Rate	Grade 2 Rate	Grade 3 Rate	Grade 4 Rate	Grade 5 Rate	Grade 6 Rate	Grade 7 Rate	Grade 8 Rate	Grade 9 Rate	Grade 10 Rate	Grade 11 Rate	Grade 12 Rate
Braintree	2.8	2.5	2.4	0.9	0.5	0.2	0.8	0.0	2.1	2.0	0.8	0.6
Brewster	0.0	0.0	0.0	0.0	0.0							
Brimfield	0.0	0.0	0.0	0.0	0.0	0.0						
Brockton	2.5	0.8	5.5	0.4	0.2	0.3	5.0	1.6	17.5	7.7	3.5	1.5
Brookfield	3.1	2.5	0.0	0.0	0.0	0.0						
Brookline	1.4	0.0	0.0	0.0	0.2	0.0	0.2	0.2	1.5	0.6	1.1	0.6
Burlington	3.7	0.4	0.7	0.0	0.0	0.0	0.0	0.0	0.8	0.4	0.8	0.4
Cambridge	3.5	2.3	1.8	2.0	0.2	1.1	0.4	0.4	0.9	1.3	2.2	6.0
Canton	3.4	1.2	0.0	0.4	0.4	0.4	0.4	0.0	1.5	0.0	0.5	0.6
Carlisle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Carver	3.4	2.4	0.0	0.0	0.0	0.6	0.0	2.3	9.5	4.3	2.2	0.0
Chatham	7.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.6
Chelmsford	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.2	1.4	1.0
Chelsea	10.7	3.3	3.2	0.5	2.0	1.5	7.0	2.7	22.2	15.6	25.2	8.4
Chicopee	2.7	1.6	0.4	0.2	0.7	0.0	1.0	1.0	1.5	1.1	0.9	4.2
Clarksburg	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Clinton	4.1	0.7	0.0	0.6	0.0	0.0	1.9	0.0	2.8	2.1	0.8	0.0
Cohasset	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.2	0.0	0.0	1.2
Concord	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Conway	0.0	0.0	5.6	7.1	13.6	0.0						
Danvers	0.4	0.3	0.0	0.4	0.0	0.3	0.9	0.0	1.1	0.4	0.4	3.2
Dartmouth	4.1	1.0	0.3	1.3	0.0	0.6	1.1	0.0	0.6	0.3	0.3	2.4
Dedham	2.4	1.4	0.8	0.4	0.0	0.8	0.4	2.4	13.8	8.9	2.4	0.6
Deerfield	1.6	0.0	0.0	1.8	0.0	0.0						
Douglas	0.8	0.7	0.7	0.0	0.0	0.0	1.7	0.0	0.9	0.0	2.2	1.2
Dover	0.0	1.0	0.0	0.9	0.0							
Dracut	3.2	3.2	3.5	1.3	2.2	1.4	2.9	0.5	10.5	3.5	3.3	0.8
Duxbury	0.4	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.4
East Bridgewater	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	5.1	4.0	4.3	0.7
Eastham	0.0	0.0	0.0	0.0	2.9							

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Easthampton	0.9	0.0	0.0	0.8	2.2	0.7	4.5	5.4	11.3	3.3	3.8	8.9
East Longmeadow	3.1	0.5	0.5	0.0	0.0	0.4	0.0	0.0	2.6	3.0	1.5	0.0
Easton	1.1	1.0	1.0	0.0	0.6	0.6	0.0	0.3	0.8	0.4	0.0	0.0
Edgartown	0.0	0.0	0.0	0.0	2.4	0.0	2.6	0.0				
Erving	15.4	0.0	0.0	0.0	0.0	0.0						
Everett	8.9	2.1	2.0	0.8	0.3	0.8	0.4	0.2	2.9	1.4	1.7	2.8
Fairhaven	2.6	1.4	0.0	0.0	0.6	3.2	7.4	4.9	17.2	6.7	7.7	2.2
Fall River	6.9	4.4	2.5	1.9	1.1	1.5	2.3	1.6	19.6	17.4	4.7	6.0
Falmouth	1.5	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3	2.5	1.0
Fitchburg	7.6	3.8	4.7	0.4	0.9	1.7	6.9	4.3	20.0	6.3	5.2	3.3
Florida	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Foxborough	1.0	0.5	0.0	0.0	0.0	0.4	0.0	0.0	5.4	1.9	0.9	0.5
Framingham	1.2	0.8	0.8	0.1	0.2	0.5	0.8	0.5	3.3	3.9	1.8	3.2
Franklin	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	1.9	1.7	0.7
Freetown	2.0	0.9	0.0	0.0								
Gardner	5.3	2.5	2.4	3.2	2.5	1.1	1.1	3.0	13.6	3.0	5.5	0.0
Georgetown	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
Gloucester	3.1	1.4	0.3	0.0	0.0	0.3	0.0	0.0	18.8	12.3	7.1	2.1
Gosnold												
Grafton	2.9	0.5	0.0	0.0	0.0	0.0	0.6	1.0	5.3	3.3	4.5	1.7
Granby	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	2.4	5.4
Granville	6.7	10.5	0.0	0.0	0.0	0.0	0.0	0.0				
Greenfield	0.7	0.6	0.0	0.0	0.6	0.0	0.6	0.0	16.8	10.7	6.8	0.8
Hadley	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.9	0.0	0.0	0.0
Halifax	3.8	1.0	0.9	0.0	0.0	0.0						
Hancock	0.0	0.0	0.0	0.0	0.0							
Hanover	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	1.1
Harvard	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0
Harwich	3.4	5.4	1.7	0.0	2.1	0.8	0.0	0.8	8.5	4.5	7.3	1.2
Hatfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Haverhill	4.5	0.3	0.0	0.2	0.2	0.0	0.3	0.6	12.3	6.7	6.8	4.1
Hingham	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.7	0.0	0.4
Holbrook	0.8	2.8	1.7	0.0	1.7	0.0	3.0	8.2	0.0	0.0	1.3	18.1
Holland	0.0	0.0	0.0	0.0	0.0	0.0						
Holliston	1.4	1.0	0.5	0.4	0.0	0.0	0.0	0.0	1.3	1.5	0.5	1.3
Holyoke	6.5	5.1	2.4	0.9	0.5	5.0	7.1	5.6	19.4	14.5	6.9	3.8
Hopedale	1.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.7	1.3	0.0	0.0
Hopkinton	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	1.0
Hudson	4.4	3.5	1.0	0.0	0.5	0.0	0.0	0.9	6.5	3.5	1.7	2.6
Hull	0.0	2.2	0.0	2.1	0.0	0.0	0.0	3.4	6.1	10.5	1.2	0.0
Ipswich	0.0	2.0	0.6	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.7	1.4
Kingston	1.8	1.8	0.6	0.5	0.6	0.0						
Lakeville	3.1	2.0	1.1	0.0								
Lanesborough	0.0	2.3	0.0	0.0	0.0	0.0						
Lawrence	4.0	1.0	1.5	0.4	1.0	0.9	1.7	0.4	20.5	16.8	12.3	3.8
Lee	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	7.6	0.0	3.3
Leicester	2.6	0.7	1.6	0.7	0.7	0.7	0.0	0.0	13.0	7.3	0.9	0.0
Lenox	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5
Leominster	2.9	0.2	0.9	1.6	0.0	0.5	1.6	0.4	13.5	6.6	7.5	1.1
Leverett	0.0	0.0	0.0	0.0	0.0	0.0						
Lexington	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4
Lincoln	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0				
Littleton	18.8	1.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
Longmeadow	5.2	2.7	0.8	0.8	0.0	0.0	0.0	0.0	0.4	1.2	0.0	0.0
Lowell	3.7	2.9	7.3	1.4	3.4	3.0	5.7	2.9	16.2	7.1	5.8	5.4
Ludlow	0.0	0.5	0.0	0.4	0.0	0.4	0.4	0.3	8.2	6.1	1.6	1.4
Lunenburg	5.3	4.5	0.8	0.0	0.7	2.8	0.0	0.0	0.6	2.0	0.7	0.7
Lynn	14.0	5.8	2.8	1.3	2.0	2.5	3.1	1.6	15.0	9.7	7.2	3.0
Lynnfield	1.7	0.6	0.0	0.0	0.6	0.6	0.6	0.0	6.0	0.0	0.0	0.0
Malden	3.2	2.3	1.0	0.4	0.6	1.5	3.7	1.6	12.9	8.4	5.7	1.1

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Mansfield	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.8
Marblehead	2.0	2.5	0.0	0.0	0.5	0.0	0.5	0.4	0.4	0.7	0.0	1.5
Marion	2.3	0.0	1.6	0.0	1.5	0.0						
Marlborough	2.8	2.6	1.6	0.3	0.3	0.0	1.0	6.5	12.1	4.9	3.2	0.9
Marshfield	3.5	0.8	0.3	0.0	0.0	0.0	0.8	0.0	2.2	2.2	0.9	1.8
Mashpee	7.9	8.9	0.8	1.3	0.0	1.1	5.5	5.6	5.1	4.5	0.0	3.3
Mattapoissett	1.6	1.6	0.0	0.0	0.0	0.0						
Maynard	3.1	3.9	0.8	2.0	0.0	0.0	0.0	0.0	1.1	0.0	7.6	5.8
Medfield	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.4	0.0	0.0
Medford	3.3	2.9	1.2	1.4	1.4	1.7	2.6	2.9	11.3	4.4	3.4	2.3
Medway	1.4	1.4	0.0	1.2	0.4	0.0	0.0	0.4	0.0	0.0	1.1	1.6
Melrose	1.1	0.3	0.8	0.8	0.0	0.0	0.3	0.4	1.3	0.9	0.0	0.0
Methuen	3.0	1.2	1.4	1.0	0.0	0.7	0.7	0.3	8.9	5.9	2.9	1.8
Middleborough	1.0	1.4	1.8	0.6	0.0	1.8	0.7	2.7	1.3	1.2	1.7	2.7
Middleton	0.8	1.0	0.0	0.0	0.0	0.0						
Milford	2.5	1.0	2.0	0.3	0.0	0.3	0.6	2.4	2.2	5.4	4.6	1.5
Millbury	3.0	0.7	0.0	0.0	0.0	0.0	2.5	1.2	2.0	0.6	3.8	0.8
Millis	0.0	0.9	0.0	0.0	1.0	0.0	0.0	1.0	0.0	1.3	2.5	2.7
Milton	1.5	0.4	0.3	0.0	0.3	0.3	0.0	1.4	5.4	6.1	4.7	4.1
Monson	1.6	0.0	0.0	0.0	1.6	0.0	0.9	0.8	3.8	2.9	3.6	1.2
Nahant	0.0	0.0	0.0	0.0	0.0	0.0						
Nantucket	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	2.0	5.3	0.0
Natick	0.5	0.3	0.0	0.0	0.6	0.0	0.0	0.3	0.3	0.7	0.9	1.7
Needham	0.7	0.0	0.3	0.3	0.0	0.6	0.0	0.0	0.3	0.8	0.6	0.3
New Bedford	12.3	7.0	5.8	2.9	1.7	1.1	0.7	3.6	21.1	0.7	14.6	2.8
Newburyport	2.9	1.2	0.0	0.6	1.2	0.0	0.0	0.0	0.0	1.0	0.9	1.7
Newton	0.4	0.0	0.1	0.0	0.0	0.1	0.1	0.0	0.4	0.7	0.1	0.8
Norfolk	0.6	0.7	0.0	0.0	0.0	0.0						
North Adams	2.3	0.0	3.4	0.7	0.0	0.7	2.3	0.0	3.6	3.0	2.9	5.8

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Northampton	0.9	0.0	0.0	0.0	0.0	1.2	2.0	0.7	0.5	1.7	1.4	2.6
North Andover	0.3	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.2
North Attleborough	1.4	1.4	0.8	0.0	0.0	0.0	0.0	1.0	2.4	3.9	4.1	0.0
Northborough	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0				
Northbridge	2.6	1.4	0.5	0.0	0.0	1.0	1.0	0.0	11.2	3.5	3.1	2.1
North Brookfield	1.8	0.0	0.0	0.0	1.4	0.0	0.0	1.4	1.5	0.0	0.0	0.0
North Reading	2.2	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.6	0.0	0.7
Norton	9.1	2.4	0.8	0.0	0.0	0.4	0.0	1.1	9.8	9.5	2.5	1.9
Norwell	0.6	0.0	0.6	0.0	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Norwood	4.4	1.2	0.7	0.0	0.0	1.1	0.3	0.0	3.2	2.2	3.4	1.5
Oak Bluffs	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0				
Orange	4.8	0.9	3.0	4.2	0.0	0.0						
Orleans	0.0	0.0	0.0	0.0	0.0							
Oxford	6.7	1.9	0.0	1.2	0.6	5.8	2.8	3.4	4.7	1.2	0.0	2.0
Palmer**	2.0	0.0	0.0	1.8				5.1	3.9	4.1	3.6	3.2
Peabody	3.3	1.6	0.4	0.8	0.2	0.4	0.4	0.2	1.0	0.4	1.4	3.1
Pelham	0.0	0.0	0.0	0.0	0.0	0.0						
Pembroke	0.4	0.3	0.0	0.0	0.4	0.4	0.0	0.0	6.9	6.3	7.3	0.0
Petersham	0.0	0.0	0.0	0.0	0.0	0.0						
Pittsfield	1.3	2.4	1.8	1.0	1.0	3.2	3.1	1.8	13.9	2.1	8.2	1.7
Plainville**				0.9	0.0	0.0						
Plymouth	3.5	1.4	0.8	0.4	0.7	0.0	0.0	0.4	10.9	2.7	2.8	0.5
Plympton	2.7	0.0	0.0	0.0	0.0	0.0						
Provincetown	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0
Quincy	4.3	3.5	2.1	0.0	0.2	0.2	0.4	0.4	11.0	6.4	5.4	2.5
Randolph	5.2	2.5	1.5	2.0	1.4	1.3	5.3	7.1	18.8	9.7	2.3	1.2
Reading	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	2.3	0.0
Revere	7.9	3.9	1.1	2.5	0.7	0.7	5.4	5.1	22.0	7.9	4.1	2.0
Richmond	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0				
Rochester	5.7	0.0	0.0	0.0	0.0	0.0						

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Rockland	3.6	2.5	0.9	1.1	0.0	0.9	2.4	0.0	1.0	1.8	1.0	2.0
Rockport	4.6	1.2	0.0	2.9	0.0	0.0	1.0	0.0	0.0	0.0	0.0	2.5
Rowe	0.0	0.0		0.0	0.0	0.0						
Salem	2.0	1.1	1.2	0.2	0.3	1.4	0.6	1.3	14.6	12.3	6.5	2.3
Sandwich	1.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0	3.8	1.9	0.3	0.7
Saugus	2.6	0.8	2.4	0.4	6.2	0.0	2.7	0.7	0.0	0.5	0.9	2.3
Savoy		0.0	0.0	0.0	0.0							
Scituate	1.1	0.7	0.9	0.0	0.0	0.9	2.4	0.4	0.4	1.0	0.0	0.5
Seekonk	1.3	0.0	1.1	0.0	0.0	0.6	0.0	0.5	2.5	3.6	1.0	0.6
Sharon	2.9	0.4	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.8	0.0
Sherborn	0.0	0.0	0.0	0.0	0.0							
Shirley	2.8	3.4	1.3	1.4	1.2	0.0	1.6	1.4				
Shrewsbury	1.1	0.4	0.2	0.2	0.0	0.8	0.2	0.0	1.0	0.3	0.6	0.6
Shutesbury	0.0	0.0	0.0	0.0	0.0	0.0						
Somerset	2.8	1.7	0.0	0.9	0.0	0.5	0.0	0.4	14.4	3.5	0.4	0.5
Somerville	8.2	4.6	4.1	2.2	2.7	5.1	4.0	2.5	17.0	7.2	4.6	5.9
Southampton	0.0	0.0	1.4	0.0	0.0	0.0						
Southborough	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Southbridge	5.2	1.4	1.5	1.0	0.5	3.1	4.8	5.3	23.7	10.6	3.1	2.6
South Hadley	1.3	0.0	0.0	0.0	0.0	0.5	0.5	0.0	4.7	1.7	0.0	1.2
Springfield	10.1	4.7	2.9	1.4	0.3	3.4	5.7	3.7	26.7	11.4	5.7	5.5
Stoneham	0.9	1.4	2.2	0.5	0.0	1.8	0.0	0.0	4.1	2.5	1.8	0.5
Stoughton	2.0	0.7	1.2	0.4	0.7	1.3	1.2	0.6	7.3	7.6	1.7	0.8
Sturbridge	0.0	1.0	0.0	0.0	0.0	0.7						
Sudbury	0.5	0.3	0.3	0.0	0.0	0.3	0.0	0.0				
Sunderland	5.7	0.0	0.0	0.0	0.0	0.0						
Sutton	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.7	3.0	1.9	3.3	0.0
Swampscott	2.7	0.6	0.0	0.6	0.0	0.0	0.0	0.0	1.3	2.3	0.5	0.6
Swansea	9.8	1.9	1.3	1.2	0.0	0.0	0.0	0.0	5.1	1.8	1.4	1.3
Taunton	1.2	0.6	0.4	0.9	0.0	0.6	0.0	0.7	11.8	1.6	6.1	0.3

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Tewksbury	4.7	1.8	0.0	0.0	0.0	0.2	0.8	2.9	9.0	5.1	2.6	0.8
Tisbury	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Topsfield	1.0	0.0	0.0	0.0	0.0	0.0						
Truro	0.0	0.0	0.0	0.0	0.0	0.0						
Tyngsborough	9.0	0.0	0.6	0.0	0.0	0.0	0.6	0.6	0.0	0.0	0.0	0.0
Uxbridge	1.3	0.0	0.0	0.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.2
Wakefield	1.5	1.4	0.4	0.7	0.0	0.0	0.0	0.0	4.4	7.0	0.4	0.4
Wales	5.3	0.0	0.0	0.0	0.0	0.0						
Walpole	1.4	1.3	0.0	0.7	0.4	0.0	0.0	0.0	4.4	1.8	3.1	0.4
Waltham**	1.7	0.3	1.7	0.3	1.3	1.4	1.9	1.1	2.2	5.8	3.0	1.9
Ware	3.1	0.0	0.0	1.1	2.8	0.0	1.9	5.2	18.4	8.2	4.5	1.3
Wareham	8.4	4.9	1.1	0.0	0.3	2.3	2.3	0.0	14.9	8.2	6.1	1.3
Watertown	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.4	2.0	0.6	1.2
Wayland	1.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.0	0.0
Webster	4.6	3.0	0.0	0.0	0.0	0.8	1.2	2.8	4.7	5.3	1.0	0.0
Wellesley	1.5	0.3	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.3	0.3	0.0
Wellfleet	0.0	0.0	0.0	0.0	0.0							
Westborough	1.3	0.7	0.0	0.4	0.4	0.0	0.3	0.0	0.4	1.1	0.0	0.0
West Boylston	1.8	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	0.0
West Bridgewater	1.2	0.0	0.0	1.2	0.0	0.0	1.2	2.6	4.5	2.5	0.0	0.0
Westfield	2.3	1.8	0.4	0.2	0.2	0.6	1.1	1.3	1.7	0.9	4.6	0.2
Westford	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	0.0	0.0	1.0
Westhampton	0.0	0.0	0.0	0.0	0.0	0.0						
Weston	0.6	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
Westport	0.8	0.8	0.0	0.0	1.3	1.2	6.6	1.8	9.9	16.8	2.0	2.0
West Springfield	5.1	3.8	2.4	1.8	0.7	2.2	3.7	1.6	21.9	7.0	5.4	1.6
Westwood	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Weymouth	3.9	2.4	2.3	1.0	0.0	0.2	3.1	3.4	6.5	3.8	2.8	2.1
Whately	0.0	0.0	0.0	0.0	0.0	0.0						
Williamsburg	0.0	0.0	0.0	0.0	0.0	0.0						

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Williamstown	0.0	0.0	0.0	0.0	0.0	0.0						
Wilmington	0.3	1.2	0.0	0.0	0.0	1.2	0.0	1.0	1.2	1.3	2.8	1.4
Winchendon	3.8	0.7	3.1	0.7	0.8	0.0	7.7	2.6	17.4	5.5	3.0	3.6
Winchester	0.9	0.7	0.4	0.0	0.0	0.0	0.4	0.7	0.3	0.8	0.4	0.0
Winthrop	3.9	1.3	4.9	0.0	0.0	1.3	3.5	4.0	15.5	1.1	9.0	0.0
Woburn	3.8	0.9	0.3	0.6	0.0	0.5	0.3	0.3	5.1	0.3	1.3	0.0
Worcester	7.0	3.5	2.2	1.7	0.8	1.2	4.3	3.5	13.2	4.4	4.4	4.3
Wrentham	3.8	0.6	0.0	0.0	0.0	0.0						
Northampton-Smith									2.7	1.5	2.9	0.0
Excel Academy Charter						2.1	2.0					
Academy Of the Pacific Rim						16.9	16.9	1.9	8.0	0.0	0.0	0.0
Four Rivers Charter							0.0	0.0	5.9			
Berkshire Arts and Tech						10.8			3.7			
Academy of Strategic Learning								25.0	9.1	20.0	9.1	0.0
Boston Preparatory CS						2.8						
Framingham Community						0.0	1.1	0.0				
Smith Leadership Academy						3.5	0.0					
Benjamin Banneker CS	0.0	8.6	2.9	5.4	10.3	0.0	5.3	0.0				
Roxbury Charter									16.1	4.2		
Barnstable HMCS					0.4	0.5						
Boston Evening Academy									15.0	35.3	56.5	27.3
Marston Mills East CS	1.3	0.0	0.0	0.0								
Edward Brooke Charter					2.3	3.5	0.0					
Kipp Academy CS					9.1							
Cape Cod Lighthouse CS						0.0	0.0	0.0				
Champion HMCS									47.8	45.5		7.7
Murdoch Middle Public CS					0.0	1.6	3.8	0.0				
City On A Hill Charter									24.6	41.0	13.5	14.8
Codman Academy CS									0.0	6.7	4.8	0.0
Conservatory Lab CS	13.0	12.5	0.0	0.0	0.0							

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Community Day Charter	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0				
Sabis International Charter	10.0	1.0	2.6	2.6	1.3	5.8	2.7	7.2	4.8	3.7	3.3	0.0
Frederick Douglass CS						0.0	0.0	0.0	2.8	0.0		
Neighborhood House Charter	0.0	0.0	0.0	8.3	0.0	9.1	0.0	4.5				
Abby Kelley Foster Reg	6.3	2.1	1.4	4.2	5.1	1.2	3.2	5.8	14.8	0.0	0.0	
Foxboro Regional CS	0.0	0.0	0.0	0.0	0.0	1.2	1.2	0.0	0.0	2.7	4.8	0.0
Benjamin Franklin Charter	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
So.Boston Harbor Academy					3.0	2.3	7.6	4.5	18.9	0.0	0.0	0.0
Hilltown Cooperative CS	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0				
Robert M. Hughes Academy	0.0	4.3	5.0	4.8	0.0	0.0	0.0	0.0				
Health Careers Academy									2.7	0.0	2.6	0.0
Lawrence Family Devel	1.7	5.2	0.0	0.0	5.0	3.7	0.0	0.0				
Hill View Montessori CS	0.0	0.0	4.8									
Lowell Community CS	3.7	3.5	0.0	1.0	2.1	2.6	2.4					
Lowell Middlesex Academy									70.8	35.7	38.7	25.8
Marblehead Community				0.0	0.0	0.0	0.0	0.0				
Martha's Vineyard CS	7.1	0.0	0.0	7.1	0.0	5.9	0.0	0.0	0.0	25.0	0.0	20.0
Ma Academy for Math and Science											0.0	0.0
Media and Technology CS									8.3	21.1	4.2	7.1
Mystic Valley Regional CS	1.6	0.7	3.3	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	
New Leadership HMCS						42.5	6.5	9.8	11.7	11.4	0.0	15.0
New Bedford Global CS					0.0	0.0	0.0	0.0	0.0			
North Central Charter Essent							11.8	0.0	3.8	0.0	0.0	
Francis W. Parker CS								0.0	0.0	0.0	0.0	1.8
Pioneer Valley Performing								0.0	4.8	10.0	7.8	0.0
Boston Renaissance CS	1.4	0.0	0.0	1.6	0.0	2.9	0.0	1.3				
River Valley Charter	0.0	0.0	5.1	0.0	0.0	0.0	0.0	5.0				
Rising Tide Charter					0.0	1.7	1.2	0.0				
Roxbury Preparatory CS						5.4	0.0	0.0				
Salem Academy CS						0.0	0.0					

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Seven Hills Charter	5.2	2.6	2.6	0.0	0.0	2.7	3.8	10.4				
Prospect Hill Academy CS	8.1	1.7	1.7	3.3	1.4	6.3	7.4	3.0	1.6	6.7	0.0	0.0
South Shore Charter	5.3	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.9	8.3	0.0
Sturgis Charter									4.3	8.6	0.0	1.3
Uphams Corner Charter					6.3	45.5	0.0					
Atlantis Charter	1.1	1.1	0.0	0.0	11.3	2.8	1.5	6.3				
Acton-Boxborough							0.7	0.0	0.4	0.2	0.2	0.8
Adams-Cheshire	0.8	0.7	0.0	0.0	0.0	0.7	0.0	0.0	2.8	5.4	1.9	1.6
Amherst-Pelham							0.0	0.3	6.6	4.2	2.9	2.6
Ashburnham-Westminster	2.7	1.2	0.7	0.0	0.0	0.0	0.5	0.5	1.5	2.4	2.5	2.5
Athol-Royalston	1.9	1.8	0.7	0.0	1.1	0.0	0.6	0.6	4.1	8.1	3.0	2.5
Berkshire Hills	1.5	1.4	2.6	0.0	0.0	0.0	0.0	0.9	0.7	0.5	0.0	1.4
Berlin-Boylston							0.0	0.0	2.9	0.0	1.4	0.0
Blackstone-Millville	1.4	0.0	0.0	0.0	0.0	0.0	2.0	0.9	13.2	5.4	5.3	1.3
Bridgewater-Raynham	2.9	0.4	1.7	0.2	0.2	0.6	1.5	2.2	2.2	0.5	0.5	0.8
Chesterfield-Goshen	7.7	0.0	0.0	0.0	0.0	0.0						
Central Berkshire	2.1	0.6	0.7	0.7	0.0	1.1	2.1	0.6	7.9	2.6	0.6	0.6
Concord-Carlisle									0.3	0.0	0.9	0.0
Dennis-Yarmouth	1.3	0.7	2.4	0.6	1.5	0.9	1.5	0.6	0.3	0.4	0.3	1.1
Dighton-Rehoboth	0.4	0.0	0.4	0.0	0.0	0.0	0.4	0.0	0.7	0.0	1.3	1.2
Dover-Sherborn							0.0	0.6	0.0	1.3	0.7	0.0
Dudley-Charlton Reg	0.9	0.7	0.3	0.0	1.3	0.8	3.0	1.9	6.0	6.3	1.1	0.4
Nauset							0.0	0.5	0.4	5.4	3.1	0.7
Farmington River Reg	0.0	4.8	0.0	0.0	0.0	0.0						
Freetown-Lakeville					0.4	0.0	0.0	0.0	0.5	0.4	0.5	1.5
Frontier							1.5	0.0	1.6	1.0	0.0	0.0
Gateway	9.3	0.0	0.0	0.0	1.0	0.0	0.9	0.0	0.0	11.2	6.7	1.1
Groton-Dunstable	0.5	0.8	0.4	0.0	0.4	0.8	0.0	0.9	0.5	1.0	2.5	0.6
Gill-Montague	2.6	2.6	1.3	0.0	0.0	2.7	1.0	3.2	21.2	6.7	4.3	7.7
Hamilton-Wenham	2.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0

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Hampden-Wilbraham	1.6	0.0	0.4	0.0	0.4	0.4	0.3	0.3	6.5	1.7	0.9	0.6
Hampshire							0.6	0.0	0.0	0.0	0.0	6.6
Hawlemont	0.0	0.0	0.0	0.0	0.0	0.0						
King Philip							1.2	0.3	0.3	1.7	3.3	1.2
Lincoln-Sudbury									0.0	0.3	0.3	0.3
Manchester Essex Reg	2.0	1.0	2.0	0.0	0.0	0.0	1.1	0.0	1.9	1.1	0.0	1.1
Marthas Vineyard									5.3	2.0	0.5	1.1
Masconomet							0.8	0.0	0.9	0.3	0.0	0.7
Mendon-Upton	0.9	0.4	0.0	0.0	0.5	0.0	0.0	1.0	0.5	1.7	1.3	0.0
Mount Greylock							2.3	0.0	0.0	0.9	0.0	0.0
Mohawk Trail	1.1	0.0	1.3	0.0	1.9	0.0	0.0	1.6	15.9	6.7	9.7	5.2
Narragansett	0.8	2.4	0.0	0.0	0.7	0.0	0.0	3.7	6.2	6.7	4.2	1.0
Nashoba	1.6	0.0	0.9	0.0	2.0	0.0	0.8	0.9	0.5	0.0	0.0	1.0
New Salem-Wendell	4.5	0.0	0.0	0.0	0.0	11.5						
Northboro-Southboro									0.0	0.0	0.3	1.7
North Middlesex	0.6	0.9	0.3	0.3	0.0	0.3	0.2	0.0	6.2	3.6	3.4	1.1
Old Rochester							0.0	0.9	0.5	0.5	5.5	0.0
Pentucket	2.3	0.4	0.0	0.0	0.4	0.0	0.0	2.1	2.9	1.7	0.4	0.0
Pioneer Valley	1.5	1.3	1.6	0.0	0.0	0.0	0.0	0.0	6.7	10.3	2.7	0.0
Quabbin	2.6	0.5	0.9	0.5	0.4	0.0	1.0	0.7	9.4	3.0	1.3	1.7
Ralph C Mahar							4.9	2.4	12.0	6.5	7.4	1.1
Silver Lake							0.6	0.0	0.3	0.4	0.0	0.7
Southern Berkshire	0.0	0.0	0.0	0.0	0.0	0.0	3.9	1.3	4.3	3.8	3.8	3.1
Southwick-Tolland	3.9	1.4	2.9	0.7	2.7	0.7	0.0	1.3	1.4	1.2	5.4	3.0
Spencer-E Brookfield	9.0	4.4	0.6	0.7	0.0	0.6	3.0	1.0	8.4	8.6	6.1	0.8
Tantasqua							2.3	1.0	6.6	4.5	5.0	1.3
Triton	1.2	0.8	0.4	0.8	0.4	0.4	0.3	0.0	11.6	0.8	0.4	2.2
Up-Island Regional	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0				
Wachusett	0.5	0.5	0.2	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.2	0.9
Quaboag Regional	1.0	1.7	0.0	0.8	0.0	0.8	0.0	1.7	3.1	1.7	1.8	3.8

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Whitman-Hanson	1.2	1.2	0.9	0.3	0.6	0.0	0.0	0.0	0.3	0.6	0.7	2.8
Assabet Valley									1.7	0.8	0.5	0.0
Blackstone Valley Reg									2.1	0.0	0.0	0.0
Blue Hills Voc									0.0	0.5	0.5	0.6
Bristol-Plymouth Voc Tech									0.3	0.4	0.4	0.0
Cape Cod Region Voc Tech									1.1	3.7	2.6	3.4
Franklin County									4.5	3.6	1.6	2.7
Greater Fall River									1.1	1.5	0.7	1.8
Greater Lawrence RVT									5.4	4.0	1.9	1.1
Greater New Bedford									2.9	7.2	2.0	0.8
Greater Lowell Voc Tech									0.6	1.0	1.7	0.2
So Middlesex Voc Tech									1.6	1.8	6.8	0.0
Minuteman Voc Tech									1.6	1.1	2.3	0.6
Montachusett Voc Tech									0.8	3.4	1.0	1.2
Northern Berkshire Voc									2.9	0.8	0.9	1.0
Nashoba Valley Tech									0.6	0.7	1.8	1.7
Northeast Metro Voc									1.5	1.2	1.1	0.0
North Shore Reg Voc									0.0	2.4	2.7	0.0
Old Colony Reg Voc Tech									0.7	0.0	1.5	0.0
Pathfinder Voc Tech									5.4	3.6	1.2	0.7
Shawsheen Valley Voc									0.3	2.4	1.4	0.0
Southeastern Reg Voc									0.6	1.3	0.3	0.0
South Shore Reg Voc									1.8	0.6	0.7	0.0
Southern Worcester Cty									4.4	0.7	0.9	0.0
Tri County									2.5	2.3	2.1	0.0
Upper Cape Cod Voc									1.1	1.1	1.3	0.0
Whittier Voc									2.4	3.6	2.4	0.3
Bristol County Agr									0.0	0.0	0.0	0.0
Essex Agr Tech									1.7	4.2	1.0	0.0
Norfolk County Agr									0.0	0.8	1.0	0.0

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