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***Elementary and Secondary Education***

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| Mitchell D. Chester, Ed.D.  *Commissioner* |  |

August 2014

Dear Members of the General Court:

I am pleased to provide an evaluation of the ongoing work of the Department of Elementary and Secondary Education (Department), in partnership with Mass Insight Education, to provide a high-quality Advanced Placement (AP) science and mathematics statewide program to increase the numbers of low-income and minority students participating and succeeding in AP science, mathematics, and English language arts (ELA) courses (line item 7035-0035). The Department partnered with the University of Massachusetts-Donahue Institute to evaluate the program.

The program, *Advancing STEM AP,* implemented by Mass Insight Education through their Mass Math + Science Initiative (MMSI) is a public-private partnership operating at scale. The program has been in place for six years, the last two of which have been supported by line item 7035-0035. The program combines rigor with multiple supports including teacher training, content coaching and additional learning time for students. The evaluation focuses on AP course offerings, student participation, AP exam participation, and exam pass rates for the first year of public funding (2012-2013). The evaluation found that more students are taking and passing AP exams in *Advancing STEM AP* schools, including more low-income and minority students. This is seen across all Advancing STEM AP schools, all AP areas (science, mathematics, and ELA), and most subgroups—including high-needs, non-high-needs, females, males, and racial subgroups. While more students are taking and passing AP exams, the overall pass rate, between 2012 and 2013, has declined slightly in mathematics and ELA but has increased in science. The pass rate defined as a score of three or higher on an AP exam signals to higher education that the student is qualified for college-level work, and in most cases, receives college course credit.

The results of the schools served by the Advancing STEM AP program highlighted in this report mirror trends observed across the state, where the number of students taking an AP exam rose from 38,411 in 2012 to 42,008 in 2013. Similarly, the percent of test takers scoring a three or better across the state dipped slightly as the population of students taking a AP exam expanded, from 69.9 in 2012 to 68.8 in 2013.

The findings and data from the evaluation will inform MMSI programming. Please let me know if I may provide you with any further information. I appreciate your support for increasing science and mathematics opportunities for students and professional development opportunities for educators.

Sincerely,

Mitchell D. Chester, Ed.D.

Commissioner of Elementary and Secondary Education

MA Department of Elementary and Secondary Education

Evaluation of the Statewide STEM Advanced Placement Program

Year 1 Final Report

April 2014

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# Introduction

The Massachusetts Department of Elementary and Secondary Education (ESE) is engaged in numerous initiatives to increase the college and career readiness of students in the Commonwealth, to reduce proficiency gaps and improve academic achievement for all population groups, and to enhance the “STEM pipeline” of students who are interested in and well prepared for postsecondary education and careers in science, technology, mathematics, and engineering.

One of these initiatives is the Advancing STEM through an Advanced Placement® Science and Mathematics program (hereafter “the program” or the “Advancing STEM AP program”). The goals of the program are to:

1. Increase AP science and mathematics course availability, particularly at schools with limited AP science and mathematics offerings and high percentages of low-income and minority students;
2. Increase access to and participation in AP science and mathematics courses, particularly for students from ethnic, racial, gender, English proficiency, and socioeconomic groups that have been traditionally underserved, so the demographics of these courses better reflect the diversity of the student population of the school and district;
3. Increase student achievement in AP science and mathematics courses, particularly to close Massachusetts academic achievement gaps;
4. Increase readiness for college-level study in STEM fields;
5. Improve science and mathematics teacher effectiveness, including content knowledge and pedagogical skills; and
6. Increase student interest in pursuing a STEM degree or a STEM-related career after high school.

In order to meet these program goals and track efforts to improve student achievement, ESE contracted with the Mass Insight Education’s Mass Math + Science Initiative (MMSI) as a vendor to implement tasks and responsibilities aligned with the purposes of the program. The implementation of the statewide Advancing STEM AP program involves four key central tasks to be implemented in 61 partner schools:

1. Increase participation in AP science and mathematics courses, particularly among underserved populations;
2. Increase performance in AP science and mathematics courses, particularly among underserved populations;
3. Increase the number of new and/or additional AP science and mathematics courses offered by the partner districts and schools;
4. Work in conjunction with statewide Race to the Top (RTTT) pre-AP teacher training program to align efforts of both programs in those districts participating in both programs.

In their work to complete these tasks, MMSI was responsible for a variety of activities including: maintaining partnerships with schools with high percentages of minority and low income students, encouraging recruitment of minority and low income students into AP science and mathematics classes, educating stakeholders about the benefits of the AP program and STEM careers, assisting districts in eliminating barriers to STEM AP courses faced by typically underserved students, conducting extracurricular study sessions and test preparation sessions, providing exam fee subsidies to low income students, supporting professional development for STEM AP teachers, supporting teacher attendance at the College Board’s AP summer institute, encouraging curriculum alignment, providing guidance and funds for equipment in new or expanded STEM AP courses, monitoring teacher effectiveness and fidelity to the implementation of the program, and assisting vertical teams of grade 6–10 pre-AP trained science and mathematics teachers and STEM AP teachers.

ESE contracted with the University of Massachusetts Donahue Institute (UMDI) to conduct the first year of a potential three-year evaluation of the Advancing STEM AP program. The goals of the first year evaluation are to inform immediate programming and to prepare for two following years of data collection and evaluation in the event that additional funding is available to continue the research.

Analysis of the data collected during this first year is intended to yield findings regarding:

* Professional development and support offered to new and existing teachers of science, mathematics, and English at schools that participate in the Advancing STEM AP program, as well as intended increases in knowledge and pedagogical skills among these teachers;
* Strategies used to increase science and mathematics AP course availability, and to identify and encourage participation of typically underserved students in these courses.

The interim report submitted in August 2013 described findings from the initial evaluation activities that were conducted during the first year of the project: interviews with ESE and MMSI personnel, a teacher survey, and analysis of MMSI teacher training participation data.

This final report describes the extent to which AP courses are offered in schools served by the Advancing STEM AP program, student participation in these schools and courses, and AP exam participation and passing rates.

It is important to note that the results provided in this report are intended to provide insight into the Advancing STEM AP sites for the year of UMDI’s external program evaluation. These results do not include data collected in the years of prior program implementation and so, perhaps, do not give the most complete picture of the advancements in STEM AP measures since the program’s inception.

# Methodology

## Evaluation Design

This evaluation study uses a mixed-method design. The interim report focused on quantitative information gathered through a teacher survey and teacher training participation data provided by the vendor, as well as qualitative data drawn from interviews of key personnel and open-ended survey items. Those findings informed the following research questions:

* What support has been provided for district efforts to offer additional AP courses?
* What professional development has been offered to current and newly recruited AP teachers?
* Have STEM teachers who received professional development increased their knowledge and pedagogical skills relevant to increasing student success in AP courses and exams?
* What strategies have been used to increase AP course availability, identify underrepresented students, and encourage them to take AP courses?

The final portion of the first year evaluation, described in this final report, includes quantitative analysis of data to inform the number and type of AP courses offered by the schools included in the Advancing STEM AP initiative, the number of students taking and passing those courses, and the number of students taking and passing AP exams. The findings address the following research questions:

* Has availability of AP science and mathematics courses increased, particularly in schools with limited offerings?
* Has participation in AP science and mathematics courses increased, particularly by students in typically underserved populations?
* Has successful AP course completion increased among students in typically underserved populations?
* Has AP exam participation of underrepresented students increased?
* Have AP exam scores of underrepresented students increased?

Based on the findings from interviews and educator surveys described in the interim report, it became clear that English language arts (ELA) courses and teachers are an integral part of the Advancing STEM AP initiative. Thus, ELA has also been included in this portion of the study. All analyses of AP course availability, AP course participation, and AP exam taking and passing include ELA, math, and science.

In collaboration with ESE, the determination was made to use SY 2011–2012 (SY12) as baseline year for this evaluation. Thus, the first year evaluation is able to compare data from the baseline to the Year 1, SY 2012–2013 (SY13) data.

The research questions described above are based on the logic model depicted in Figure 1.

Figure 1. Advancing STEM AP Logic Model

Support district efforts to **offer** **additional** Advanced Placementcourses

**Provide PD** to current and newly recruited Advanced Placement teachers

**Identify and encourage** underrepresented studentsto enroll in

Advanced Placement courses

Increased underrepresented student participation in AP courses

Improved teacher knowledge and skills

Increased AP course availability

More students from underrepresented groups successfully completing ELA, mathematics, and science AP exams coursework

*Core Activities*

*Intermediate Outcomes*

Overall Outcome

## Data Collection Activities

The data to address the last set of research questions for this final report comprise large data sets as described below.

**ESE Databases**

UMDI submitted an Interagency Service Agreement (ISA) to ESE to obtain data from the following student-level and teacher-level databases for SY12 and SY13:

* Advanced Placement (AP)
* Student Information Management System (SIMS)
* Student Course Schedule (SCS)
* Education Personnel Information Management System (EPIMS)

**MMSI Database**

MMSI provided UMDI with a database of all schools that have participated in the Advancing STEM AP initiative. The database includes school, district, MMSI cohort, and ESE school code. This database includes 69 schools that have worked in this program with MMSI since 2008. However, this evaluation includes only the 48 schools that participated in both SY12 and SY13.

## Data Analysis

The data were initially analyzed using descriptive statistics. Data for all schools involved in the Advancing STEM AP intervention were extracted for analysis. Data from the MMSI database were merged. Analysis of Variance (ANOVA) was used to test for statistically significant differences with some aggregated data.

Advanced Placement (AP) databases were merged with SIMS data to provide variables for subgroup analysis. Students who took an AP exam in ELA, math, or science were included in the analysis.

SCS databases were also merged with demographic variables from SIMS. The number of unique ELA, math, and science courses and course sections offered overall and in each district was identified based on a combination of the SCS course location, course code, and section number. Sections offered at colleges or online are not included in section counts. To identify students who were enrolled in AP courses, as well as those who completed, passed, and earned credit for the courses, variables were created to track levels of participation.

All data were analyzed using a statistical software package (SPSS).

# Results

This section contains the findings related to Advanced Placement (AP) course offerings, participation in AP courses, and AP exam taking and passing.

## AP Course Offerings

AP course offerings were determined using data from ESE’s Student Course Schedule databases for SY12 and SY13. Across all schools in the Advancing STEM AP program, the number of courses offered in ELA, math, and science did not change from 2012 to 2013 in most schools; however, the number of sections offered in all three areas increased from 2012 to 2013. This increase in the number of sections may be an indication of increased access to already existing AP courses.

In ELA, while the number of courses decreased by one, from 84 to 83, the number of sections increased from 188 to 201. The number of math courses increased slightly, from 96 to 101, and the number of sections offered increased from 145 to 161. Science course offerings decreased from 2012 to 2013, from 101 to 100 courses, while course sections increased from 144 to 163.

Results by school are fairly stable across years, although some schools have expanded capacity, mostly by adding sections to already existing courses. In some cases, schools added courses or sections in one area but dropped some in other areas. For example, Agawam High School increased ELA sections for their 2 courses from 7 to 10, increased science sections from 5 to 6 (for the same 3 courses), but decreased math sections from 6 to 4 (for the same 3 courses). Attleboro High School increased ELA sections for their 2 courses from 5 to 10, but decreased the number of science courses from 3 to 2 and the number sections from 5 to 3. Dedham High School increased the number of math sections by 3 (for the same 2 courses) and science sections by from 3 to 4, but ELA dropped one section.

Some schools were able to increase AP course offerings without sacrificing in another area. For example, East Boston High School increased both the number of courses and sections for math and the number of sections in science, while not changing ELA. Danvers High School increased the number of math sections by 2. Nipmuc Regional High School (Mendon-Upton Regional District) increased the number of math courses from 1 to 2 and the number of sections from 1 to 3. Middleboro High School increased the number of math courses from 2 to 3 and the number of science sections (for 2 courses) from 2 to 6. Northbridge High School increased the number of ELA sections from 3 to 4 and the number of science sections from 3 to 5. South Hadley High School increased ELA sections from 5 to 7, math sections from 3 to 4 and science sections from 3 to 5. Springfield High School of Science and Technology increased science courses from 2 to 3 and sections from 2 to 6. West Springfield increased both math courses and sections from 1 to 3, and science sections from 3 to 4. Winthrop High School increased the number of math sections from 2 to 4, the number of science courses from 2 to 3, and the number of science sections from 4 to 5. Worcester’s North High School increased ELA course sections from 8 to 12 and math sections from 9 to 12.

All results by school are shown in Table 1.

| Table 1. Number of AP Courses and Sections Offered SY12 & SY13 | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **ELA** | | **Math** | | **Science** | |
|  |  | **# Courses** | **# Sections** | **# Courses** | **# Sections** | **# Courses** | **# Sections** |
| All Schools | 2012 | 84 | 188 | 96 | 145 | 101 | 144 |
| 2013 | 83 | 201 | 101 | 161 | 100 | 163 |
| Agawam High School | 2012 | 2 | 7 | 3 | 6 | 3 | 5 |
| 2013 | 2 | 10 | 3 | 4 | 3 | 6 |
| Athol High School | 2012 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2013 | 2 | 3 | 2 | 2 | 1 | 1 |
| Attleboro High School | 2012 | 2 | 5 | 3 | 5 | 3 | 5 |
| 2013 | 2 | 10 | 3 | 5 | 2 | 3 |
| Bellingham High School | 2012 | 1 | 4 | 1 | 1 | 3 | 3 |
| 2013 | 1 | 4 | 2 | 2 | 3 | 4 |
| Boston–Boston Community Leadership Academy | 2012 | 2 | 4 | 3 | 4 | 1 | 1 |
| 2013 | 2 | 4 | 3 | 3 | 1 | 1 |
| Boston–Brighton High School | 2012 | 2 | 3 | 2 | 2 | 2 | 2 |
| 2013 | 2 | 4 | 1 | 2 | 1 | 1 |
| Boston–Community Academy of Science and Health | 2012 | 2 | 2 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 2 | 2 | 2 | 1 | 1 |
| Boston–East Boston High School | 2012 | 2 | 4 | 2 | 2 | 2 | 2 |
| 2013 | 2 | 4 | 2 | 3 | 2 | 3 |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 2 | 2 | 2 | 2 | 1 | 1 |
| 2013 | 1 | 1 | 1 | 1 | 1 | 1 |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 2 | 5 | 3 | 4 | 3 | 3 |
| 2013 | 2 | 5 | 3 | 5 | 3 | 3 |
| Boston–New Mission High School | 2012 | 2 | 2 | 1 | 1 | 1 | 1 |
| 2013 | 2 | 3 | 1 | 1 | 1 | 1 |
| Boston Collegiate Charter School | 2012 | 2 | 3 | 1 | 2 | 0 | 0 |
| 2013 | 2 | 2 | 2 | 2 | 0 | 0 |
| Chelsea High School | 2012 | 2 | 3 | 2 | 2 | 3 | 3 |
| 2013 | 2 | 5 | 2 | 2 | 3 | 3 |
| Danvers High School | 2012 | 2 | 4 | 3 | 5 | 3 | 3 |
| 2013 | 2 | 4 | 3 | 7 | 3 | 3 |
| Dedham High School | 2012 | 1 | 5 | 2 | 3 | 3 | 3 |
| 2013 | 1 | 4 | 2 | 6 | 3 | 4 |
| Douglas High School | 2012 | 2 | 3 | 2 | 2 | 2 | 2 |
| 2013 | 1 | 1 | 2 | 3 | 2 | 2 |
| Dracut High School | 2012 | 2 | 4 | 2 | 2 | 3 | 4 |
| 2013 | 2 | 4 | 2 | 2 | 2 | 3 |
| Easthampton High School | 2012 | 2 | 5 | 1 | 2 | 1 | 2 |
| 2013 | 2 | 4 | 1 | 2 | 1 | 2 |
| Fall River–B.M.C. Durfee High School | 2012 | 2 | 6 | 3 | 5 | 3 | 4 |
| 2013 | 2 | 7 | 3 | 5 | 3 | 4 |
| Gill-Montague–Turner’s Falls High School | 2012 | 1 | 1 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 2 | 2 | 2 | 1 | 1 |
| Greenfield High School | 2012 | 2 | 4 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 4 | 2 | 2 | 1 | 1 |
| Malden High School | 2012 | 2 | 5 | 3 | 4 | 3 | 6 |
| 2013 | 2 | 4 | 3 | 6 | 3 | 5 |
| Marlborough High School | 2012 | 2 | 7 | 3 | 3 | 4 | 6 |
| 2013 | 2 | 7 | 3 | 3 | 4 | 6 |
| Mashpee High School | 2012 | 2 | 6 | 2 | 3 | 3 | 4 |
| 2013 | 2 | 5 | 2 | 3 | 3 | 3 |
| Mendon-Upton–Nipmuc Regional High School | 2012 | 2 | 3 | 1 | 1 | 2 | 2 |
| 2013 | 2 | 3 | 2 | 3 | 2 | 2 |
| Methuen High School | 2012 | 1 | 5 | 2 | 5 | 0 | 0 |
| 2013 | 1 | 5 | 2 | 4 | 0 | 0 |
| Middleborough High School | 2012 | 2 | 4 | 2 | 5 | 2 | 2 |
| 2013 | 2 | 4 | 3 | 5 | 2 | 6 |
| Narragansett Regional High School | 2012 | 1 | 1 | 2 | 2 | 1 | 1 |
| 2013 | 1 | 2 | 2 | 2 | 1 | 1 |
| Northampton High School | 2012 | 2 | 9 | 2 | 3 | 4 | 8 |
| 2013 | 2 | 9 | 2 | 4 | 3 | 8 |
| Northbridge High School | 2012 | 2 | 3 | 3 | 4 | 2 | 3 |
| 2013 | 2 | 4 | 3 | 4 | 2 | 5 |
| Norton High School | 2012 | 0 | 0 | 2 | 4 | 1 | 1 |
| 2013 | 0 | 0 | 2 | 3 | 2 | 2 |
| Palmer High School | 2012 | 2 | 3 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 4 | 2 | 3 | 1 | 1 |
| Peabody Veteran’s Memorial High School | 2012 | 0 | 0 | 2 | 5 | 3 | 6 |
| 2013 | 0 | 0 | 2 | 5 | 3 | 8 |
| Quaboag Regional Middle High School | 2012 | 2 | 5 | 2 | 2 | 2 | 3 |
| 2013 | 2 | 5 | 2 | 2 | 2 | 4 |
| Randolph High School | 2012 | 2 | 4 | 3 | 5 | 2 | 3 |
| 2013 | 2 | 4 | 3 | 4 | 3 | 4 |
| Salem High School | 2012 | 2 | 4 | 2 | 3 | 4 | 4 |
| 2013 | 2 | 4 | 2 | 2 | 3 | 3 |
| Salem Academy Charter School | 2012 | 1 | 1 | 2 | 2 | 0 | 0 |
| 2013 | 1 | 1 | 2 | 2 | 0 | 0 |
| South Hadley High School | 2012 | 2 | 5 | 2 | 3 | 2 | 3 |
| 2013 | 2 | 7 | 2 | 4 | 2 | 5 |
| Springfield–Central High School | 2012 | 1 | 1 | 2 | 2 | 3 | 6 |
| 2013 | 1 | 1 | 2 | 2 | 3 | 6 |
| Springfield–High School of Science & Technology | 2012 | 1 | 1 | 1 | 1 | 2 | 2 |
| 2013 | 1 | 1 | 1 | 1 | 3 | 6 |
| Uxbridge High School | 2012 | 2 | 6 | 2 | 6 | 2 | 6 |
| 2013 | 2 | 6 | 2 | 6 | 2 | 6 |
| Ware Junior Senior High School | 2012 | 2 | 2 | 0 | 0 | 1 | 2 |
| 2013 | 2 | 2 | 1 | 1 | 1 | 2 |
| West Springfield High School | 2012 | 2 | 7 | 1 | 1 | 3 | 3 |
| 2013 | 2 | 7 | 3 | 3 | 3 | 4 |
| Winthrop High School | 2012 | 2 | 3 | 2 | 2 | 2 | 4 |
| 2013 | 2 | 3 | 2 | 4 | 3 | 5 |
| Worcester–Burncoat High School | 2012 | 2 | 6 | 2 | 2 | 3 | 3 |
| 2013 | 2 | 5 | 2 | 2 | 3 | 4 |
| Worcester–North High School | 2012 | 2 | 8 | 2 | 9 | 3 | 9 |
| 2013 | 2 | 12 | 2 | 12 | 3 | 9 |
| Worcester–South High Community School | 2012 | 2 | 6 | 2 | 6 | 3 | 5 |
| 2013 | 2 | 5 | 2 | 6 | 3 | 5 |
| Worcester–Technical High School | 2012 | 2 | 5 | 1 | 2 | 1 | 2 |
| 2013 | 2 | 4 | 1 | 2 | 2 | 4 |

## AP Course Participation

AP course participation data was compiled from ESE’s Student Course Schedule databases for SY12 and SY13.

AP course participation for students in Advancing STEM AP schools is shown in Tables 2–4. The tables display the number of students who enrolled, completed, passed, and earned credit in at least one AP course during these two years by high-need and non-high need students, by gender, and by race/ethnicity. “High-need students” include English Language Learners (ELLs), former ELLs, low income students, and students with disabilities. Percentages are based on all students enrolled in Advancing STEM AP schools (48,287 in SY12; 43,600 in SY13).

Table 2 shows participation in AP courses in SY12 and SY13 for all students, as well as participation disaggregated for high-needs and non-high-needs students. The number and percentage of students who have enrolled, completed, passed, and earned credit have increased by approximately 3 percentage points in each category from 2012 to 2013. These differences for all schools combined are statistically significant with regard to enrollment, completion, and passing AP courses (p<.05); although not statistically significant with regard to earning credit (p=.079), the difference does appear to be meaningful. It is notable, however, that while all groups have increased by approximately 3 percentage points, the differences in high-needs and non-high-needs students are very large, with non-high needs students 10 to 12 percentage points higher in each category (enrolled, completed, passed, earned credit) than high-needs students.

| Table 2. AP Course Participation by Participation by High Need & Non-High Students SY12 & SY13 | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Enrolled in Course** | | **Completed Course** | | **Passed Course** | | **Earned Course Credit** | |
|  | **N** | **Year** | **#** | **% of All** | **#** | **% of All** | **#** | **% of All** | **#** | **% of All** |
| All Schools | 48,287 | 2012 | 5,729 | 11.9% | 5,312 | 11.0% | 5,177 | 10.7% | 4,945 | 10.2% |
| 42,600 | 2013 | 6,486 | 14.9% | 6,072 | 13.9% | 5,945 | 13.6% | 5,755 | 13.2% |
| High Needs | 27,628 | 2012 | 1,945 | 7.0% | 1,807 | 6.5% | 1,727 | 6.3% | 1,598 | 5.8% |
| 24,733 | 2013 | 2,406 | 9.7% | 2,200 | 8.9% | 2,127 | 8.6% | 2,106 | 8.5% |
| Non-High Needs | 20,659 | 2012 | 3,784 | 18.3% | 3,505 | 17.0% | 3,450 | 16.7% | 3,347 | 16.2% |
| 18,867 | 2013 | 4,080 | 21.6% | 3,872 | 20.5% | 3,818 | 20.2% | 3,649 | 19.3% |

Table 3 shows the numbers and percentages for students participating in AP courses by gender, in SY12 and SY13. All groups have increased their participation by 3 to 4 percentage points in all categories from 2012 to 2013; however, it is noteworthy that female participation is overall 4 to 5 percentage points higher than male participation.

| Table 3. AP Course Participation by Gender SY12 & SY13 | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Enrolled in Course** | | **Completed Course** | | **Passed Course** | | **Earned Course Credit** | |
|  | **N** | **Year** | **#** | **% of All** | **#** | **% of All** | **#** | **% of All** | **#** | **% of All** |
| All Schools | 48,287 | 2012 | 5,729 | 11.9% | 5,312 | 11.0% | 5,177 | 10.7% | 4,945 | 10.2% |
| 42,600 | 2013 | 6,486 | 14.9% | 6,072 | 13.9% | 5,945 | 13.6% | 5,755 | 13.2% |
| Female | 23,692 | 2012 | 3,426 | 14.5% | 3,184 | 13.4% | 3,116 | 13.2% | 2,979 | 12.6% |
| 21,595 | 2013 | 3,949 | 18.3% | 3,697 | 17.1% | 3,632 | 16.8% | 3,529 | 16.3% |
| Male | 24,595 | 2012 | 2,303 | 9.4% | 2,128 | 8.7% | 2,061 | 8.4% | 1,966 | 8.0% |
| 22,005 | 2013 | 2,537 | 13.4% | 2,375 | 12.6% | 2,313 | 12.3% | 2,226 | 11.8% |

Table 4 shows AP course participation by race/ethnicity. Asians have the highest participation, with approximately one-fourth of that population participating. The Native Hawaiian or Other Pacific Islanders were also high in 2012, but dropped in 2013. The next highest participation level came from white students with 17 percent participation in 2013 (up from 13.6 percent in 2012). Black or African Americans and American Indian or Alaska Natives participated at a rate of nearly 13 percent in 2013. The lowest participation in AP courses is for Hispanic/Latinos with 8.7 percent in 2013 (up from 6.6 percent).

| Table 4. AP Course Participation by Race SY12 & SY13 | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **Enrolled in Course** | | **Completed Course** | | **Passed Course** | | **Earned Course Credit** | |
|  | **N** | **Year** | **#** | **% of All** | **#** | **% of All** | **#** | **% of All** | **#** | **% of All** |
| All Schools | 48,287 | 2012 | 5,729 | 11.9% | 5,312 | 11.0% | 5,177 | 10.7% | 4,945 | 10.2% |
| 42,600 | 2013 | 6,486 | 14.9% | 6,072 | 13.9% | 5,945 | 13.6% | 5,755 | 13.2% |
| White | 27,006 | 2012 | 3,671 | 13.6% | 3361 | 12.4% | 3,310 | 12.3% | 3,321 | 12.3% |
| 24,210 | 2013 | 4,117 | 17.0% | 3,863 | 16.0% | 3,822 | 15.8% | 3,661 | 15.1% |
| Black or African American | 6,003 | 2012 | 625 | 10.4% | 588 | 9.8% | 554 | 9.2% | 506 | 8.4% |
| 5,617 | 2013 | 720 | 12.8% | 669 | 11.9% | 640 | 11.4% | 636 | 11.3% |
| Asian | 2,410 | 2012 | 575 | 23.9% | 560 | 23.2% | 546 | 22.7% | 523 | 21.7% |
| 2,316 | 2013 | 647 | 27.9% | 621 | 26.8% | 613 | 26.5% | 603 | 26.0% |
| American Indian or Alaska Native | 168 | 2012 | 18 | 10.7% | 17 | 10.1% | 16 | 9.5% | 16 | 9.5% |
| 150 | 2013 | 19 | 12.7% | 16 | 10.7% | 16 | 10.7% | 16 | 10.7% |
| Native Hawaiian or Other Pacific Islander | 49 | 2012 | 11 | 22.4% | 10 | 20.4% | 9 | 18.4% | 9 | 18.4% |
| 41 | 2013 | 6 | 14.6% | — | — | — | — | — | — |
| Hispanic/Latino | 12,651 | 2012 | 829 | 6.6% | 776 | 6.1% | 742 | 5.9% | 670 | 5.3% |
| 11,266 | 2013 | 977 | 8.7% | 897 | 8.0% | 849 | 7.5% | 834 | 7.4% |

Appendix A includes student participation in AP courses by school. Table A-1 includes all students by school. Table A-2 includes student participation disaggregated by high-needs and non-high needs students. Table A-3 includes student participation by gender.

## AP Exam Taking and Passing

AP exam taking and passing for schools in the Advancing STEM AP program were determined using ESE’s AP database merged with the SIMS database. This section presents data about students taking and passing exams as a percentage of both the *total populations* of participating schools (number taking or passing divided by all students) and the number of *exam takers* in these schools (number passing divided by the number of exam takers).

Specifically, analysis of AP exam taking and passing in this section includes:

1. Percentages of students who take and pass (as defined by a score of 3 or greater) an AP exam out of the *total population of students in the schools*. These calculations are shown in columns of the tables labeled as “% Taking Exam” and “% of All Scoring ≥ 3.” Both of these designations use the same denominator in the calculations: total student population in Advancing STEM AP schools.
2. Percentage of students taking an AP exam, referred to as “exam takers” who pass the exam. These calculations are shown in the column of the tables as “% Takers Scoring ≥ 3.” This designation uses the denominator: students who actually took an AP exam in the schools.

Analyses show results disaggregated by high-needs versus non-high-needs students, by gender, and by race/ethnicity.

Overall, the percentage of students at Advancing STEM AP schools taking and passing exams has increased, while the percentage of *exam takers* who passing exams has decreased. The percentage of students taking and passing AP exams is higher for non-high-needs students than high-needs students. Exam taking is higher for females than males; however, the percentage of *exam takers* who pass is higher for males than for females.

Table 5 summarizes the overall statistics for AP exam taking and passing by subject, as well as for those who have taken at least one exam (ELA/math/science), disaggregated by high-needs versus non-high-needs students. Both high-needs and non-high-needs columns include the number of students taking the exam along with the percentage of all students in each subgroup population. Also included is the percentage of *exam takers* who passed, scoring a 3 or greater on the exam. In the final column in each subgroup is the percentage of students in the subgroup who passed based on the total participating population.

| Table 5. AP Exam Taking and Passing by High-Needs and Non-High Needs Students SY12 & SY13 | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AP Area** | **Year** | **High Needs** | | | | **Non-High Needs** | | | |
|  |  | # Taking Exam | % Taking Exam\* | % Takers Scoring ≥ 3† | % All HN Scoring ≥ 3\* | # Taking Exam | % Taking Exam\* | % Takers Scoring ≥ 3† | % All Non-HN Scoring ≥ 3\* |
| ELA | 2012 | 1,158 | 4.2% | 34.9% | 1.5% | 2,612 | 12.6% | 59.8% | 7.6% |
| 2013 | 1,458 | 5.9% | 30.2% | 1.8% | 2,841 | 15.1% | 56.1% | 8.4% |
| Math | 2012 | 682 | 2.5% | 37.1% | 0.9% | 1,428 | 6.9% | 55.0% | 3.8% |
| 2013 | 883 | 3.6% | 33.3% | 1.2% | 1,572 | 8.3% | 50.3% | 4.2% |
| Science | 2012 | 616 | 2.2% | 34.6% | 0.8% | 1,372 | 6.6% | 52.0% | 3.5% |
| 2013 | 787 | 3.2% | 37.6% | 1.2% | 1,544 | 8.2% | 54.9% | 4.5% |
| At Least One | 2012 | 1,816 | 6.6% | 37.7% | 2.5% | 3,847 | 18.6% | 59.2% | 11.0% |
| 2013 | 2,263 | 9.1% | 35.5% | 3.2% | 4,168 | 22.1% | 57.3% | 12.7% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | | | | |

Appendix B includes four tables that display the results of analysis disaggregated by high-needs and non-high-need students by school. Table B-1 includes results for taking at least one exam (ELA/math/science), Table B-2 for ELA exams, Table B-3 for math exams, and Table B-4 science exams.

Table 6 summarizes the overall statistics for exam taking and passing by subject, as well as for those who have taken at least one exam (ELA/math/science), disaggregated by gender. Both female and male columns include the number of students taking the exam along with the percentage of all students in each subgroup population. Also included is the percentage of *exam takers* who passed and, in the final column in each subgroup, the percentage of students in the subgroup who passed based on the total participating population. As noted earlier, AP exam taking is overall higher for females than males, although the gap is not as large on math and science exams. However, the percentage of students who take an exam and pass is higher for males than for females.

| Table 6. AP Exam Taking and Passing by Gender SY12 & SY13 | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AP Area** | **Year** | **Female** | | | | **Male** | | | |
|  |  | # Taking Exam | % Taking Exam\* | % Takers Scoring ≥ 3† | % of Females Scoring ≥ 3\* | # Taking Exam | % Taking Exam\* | % Takers Scoring ≥ 3† | % of Males Scoring ≥ 3\* |
| ELA | 2012 | 2,497 | 10.5% | 50.2% | 5.3% | 1,273 | 5.2% | 55.9% | 2.9% |
| 2013 | 2,868 | 13.3% | 46.2% | 6.1% | 1,431 | 6.5% | 49.5% | 3.2% |
| Math | 2012 | 1,100 | 4.6% | 44.5% | 2.1% | 1,010 | 4.1% | 54.5% | 2.2% |
| 2013 | 1,307 | 6.1% | 38.9% | 2.4% | 1,148 | 5.2% | 50.2% | 2.6% |
| Science | 2012 | 1,073 | 4.5% | 38.5% | 1.7% | 915 | 3.7% | 56.2% | 2.1% |
| 2013 | 1,350 | 6.3% | 42.8% | 2.7% | 981 | 4.5% | 57.7% | 2.6% |
| At Least One | 2012 | 3,437 | 14.5% | 49.2% | 7.1% | 2,226 | 9.1% | 57.1% | 5.2% |
| 2013 | 3,935 | 18.2% | 46.9% | 8.5% | 2,496 | 11.3% | 53.8% | 6.1% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | | | | |

Appendix C includes four additional tables that show the results of analysis disaggregated by gender and by school. Table C-1 includes results for taking at least one exam (ELA/math/science), Table C-2 for ELA exams, Table C-3 for math exams, and Table C-4 for science exams.

Tables 7–10 show overall AP exam taking and passing data by race/ethnicity for those taking at least one exam (ELA/math/science) and individually for ELA, math, and science. The number of students in the Advancing STEM AP schools has decreased from 2012 (48,287) to 2013 (43,600), so the numbers and percentages do not always tell the same story.

Table 7 includes students who have taken at least one AP course in ELA, math, or science. Overall, the percentage of students taking an AP exam has increased from 2012 to 2013 by 3 percent. Within different racial/ethnic groups the variation between the years is within 2 to 4 percentage points; most groups increased, though the American Indian/Alaska Native and Native Hawaiian/Other Pacific Islander groups decreased. However, the numbers in these groups are very small to start. The percentage of students who took at least one AP exam and passed has, on the whole, decreased nearly 3 percentage points This decrease is true for white and Hispanic/Latino groups (although the number of passers has increased for white students). Black/African American, Asian, and American Indian/Alaska Native have increased the percentage of *exam takers* who passed. Overall, the percentage of students in most racial/ethnic groups who passed based on the total participating population has increased by 1 to 2 percentage points.

Table 8 shows AP exam taking and passing in ELA. The same patterns discussed above hold true.

| Table 8. AP Exam Taking & Passing by Race/Ethnicity—ELA SY12 & SY13 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # Taking Exam | % Taking Exam\* | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3† | % of All Scoring ≥ 3\* |
| ALL STUDENTS | 2012 | 3,770 | 7.8% | 1,965 | 52.1% | 4.1% |
| 2013 | 4,299 | 9.9% | 2,034 | 47.3% | 4.7% |
| White | 2012 | 2,529 | 9.4% | 1563 | 61.8% | 5.8% |
| 2013 | 2,875 | 11.9% | 1623 | 56.5% | 6.7% |
| Black or African American | 2012 | 407 | 6.8% | 98 | 24.1% | 1.6% |
| 2013 | 477 | 8.5% | 110 | 23.1% | 2.0% |
| Asian | 2012 | 259 | 10.7% | 117 | 45.2% | 4.9% |
| 2013 | 298 | 12.9% | 129 | 43.3% | 5.6% |
| American Indian or Alaska Native | 2012 | 13 | 7.7% | 2 | 15.4% | 1.2% |
| 2013 | 9 | 6.0% | — | — | — |
| Native Hawaiian or Other Pacific Islander | 2012 | 7 | 14.3% | — | — | — |
| 2013 | 5 | 12.2% | — | — | — |
| Hispanic/Latino | 2012 | 555 | 4.4% | 182 | 32.8% | 1.4% |
| 2013 | 635 | 5.6% | 165 | 26.0% | 1.5% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | |

| Table 7. AP Exam Taking & Passing by Race/Ethnicity—At Least One Exam SY12 & SY13 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # Taking Exam | % Taking Exam\* | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3† | % of All Scoring ≥ 3\* |
| ALL STUDENTS | 2012 | 5,663 | 11.7% | 2,961 | 52.3% | 6.1% |
| 2013 | 6,431 | 14.8% | 3,190 | 49.6% | 7.3% |
| White | 2012 | 3,728 | 13.8% | 2250 | 60.4% | 8.3% |
| 2013 | 4,196 | 17.3% | 2389 | 56.9% | 9.9% |
| Black or African American | 2012 | 574 | 9.6% | 143 | 24.9% | 2.4% |
| 2013 | 671 | 11.9% | 190 | 28.3% | 3.4% |
| Asian | 2012 | 561 | 23.3% | 292 | 52.0% | 12.1% |
| 2013 | 639 | 27.6% | 336 | 52.6% | 14.5% |
| American Indian or Alaska Native | 2012 | 19 | 11.3% | 4 | 21.1% | 2.4% |
| 2013 | 15 | 10.0% | 5 | 33.3% | 3.3% |
| Native Hawaiian or Other Pacific Islander | 2012 | 9 | 18.4% | — | — | — |
| 2013 | 6 | 14.6% | — | — | — |
| Hispanic/Latino | 2012 | 772 | 6.1% | 268 | 34.7% | 2.1% |
| 2013 | 904 | 8.0% | 267 | 29.5% | 2.4% |

| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. |
| --- |

Table 9 shows AP exam taking and passing in math. The percent of students taking math exams increased approximately 1 percentage point. The percentage of *exam takers* who passed has, on the whole, decreased 5 percentage points. This holds true for white and Hispanic/Latino groups. Among African American and Asian students, however, not only has there been an increase in the number and percentage of students taking the exam, but the success rate of those who took the mathematics exam has also increased.

| Table 9. AP Exam Taking & Passing by Race/Ethnicity—Math SY12 & SY13 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # Taking Exam | % Taking Exam\* | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3† | % of All Scoring ≥ 3\* |
| ALL STUDENTS | 2012 | 2,110 | 4.4% | 1,039 | 49.2% | 2.2% |
| 2013 | 2,455 | 5.6% | 1,084 | 44.2% | 2.5% |
| White | 2012 | 1,373 | 5.1% | 790 | 57.5% | 2.9% |
| 2013 | 1,521 | 6.3% | 768 | 50.5% | 3.2% |
| Black or African American | 2012 | 198 | 3.3% | 38 | 19.2% | 0.6% |
| 2013 | 264 | 4.7% | 62 | 23.5% | 1.1% |
| Asian | 2012 | 285 | 11.8% | 134 | 47.0% | 5.6% |
| 2013 | 350 | 15.1% | 167 | 47.7% | 7.2% |
| American Indian or Alaska Native | 2012 | 7 | 4.2% | — | — | — |
| 2013 | 6 | 4.0% | — | — | — |
| Native Hawaiian or Other Pacific Islander | 2012 | 2 | 4.1% | — | — | — |
| 2013 | 4 | 9.8% | — | — | — |
| Hispanic/Latino | 2012 | 245 | 1.9% | 73 | 29.8% | 0.6% |
| 2013 | 310 | 2.8% | 83 | 26.8% | 0.7% |

| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. |
| --- |

Table 10 shows AP exam taking and passing in science. The percent of students taking science exams increased approximately 1 percentage point. The percentage of *exam takers* who passed has, on the whole, increased 2.5 percentage points. This held true for most subgroups except Hispanic/Latinos, for whom the number of passers increased, but the percentage did not change. As with mathematics, the number and percentage of African American and Asian students taking the science exam increased, as did the success rate in these subgroups. African American students showed the greatest gains, with *exam takers* who scored a 3 or higher increasing by just over 12 percentage points over the course of the year.

| Table 10. AP Exam Taking & Passing by Race/Ethnicity—Science SY12 & SY13 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # Taking Exam | % Taking Exam\* | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3† | % of All Scoring ≥ 3\* |
| ALL STUDENTS | 2012 | 1,988 | 4.1% | 927 | 46.6% | 1.9% |
| 2013 | 2,331 | 5.3% | 1,144 | 49.1% | 2.6% |
| White | 2012 | 1,282 | 4.7% | 670 | 52.3% | 2.5% |
| 2013 | 1,504 | 6.2% | 808 | 53.7% | 3.3% |
| Black or African American | 2012 | 156 | 2.6% | 32 | 20.5% | 0.5% |
| 2013 | 205 | 3.6% | 67 | 32.7% | 1.2% |
| Asian | 2012 | 310 | 12.9% | 145 | 46.8% | 6.0% |
| 2013 | 339 | 14.6% | 175 | 51.6% | 7.6% |
| American Indian or Alaska Native | 2012 | 4 | 2.4% | — | — | — |
| 2013 | 5 | 3.3% | — | — | — |
| Native Hawaiian or Other Pacific Islander | 2012 | 6 | 12.2% | — | — | — |
| 2013 | 3 | 7.3% | — | — | — |
| Hispanic/Latino | 2012 | 230 | 1.8% | 77 | 33.5% | 0.6% |
| 2013 | 275 | 2.4% | 92 | 33.5% | 0.8% |

| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. |
| --- |

# Conclusion

It appears that many of the interventions in Advancing STEM AP schools are yielding increases in Advanced Placement course availability, student participation, and overall numbers of students taking and passing an AP exam in ELA, math, and science.

The following discussion is organized into sections based on the research questions for this portion of the study.

**Availability of AP Courses in ELA, Math, and Science**

Overall, the number of courses offered in Advancing STEM AP schools in ELA, math, and science did not change from SY12 to SY13 in most schools; however, the number of sections offered in all three subject areas increased. This increase in the number of sections may be an indication of increased access to already existing AP courses.

Some schools showed increases in courses or sections in one area, but the total number was offset by decreases in another area. Other schools were able to increase their overall number of courses and/or sections without sacrificing in any of the other areas.

**AP Course Participation**

The number and percentage of students who have enrolled, completed, passed, and earned credit have shown an increase in each category from SY12 to SY13. These differences for all schools combined are statistically significant with regard to enrollment, completion, and passing AP courses; although not statistically significant with regard to earning credit, the difference appears to be meaningful.

While all subgroups have increased participation, there is a large gap between high-needs and non-high-needs students in each category (enrolled, completed, passed, earned credit). Both males and females have increased participation in AP courses from SY12 to SY13; however, there is a small gap, with females participating to a larger extent than males. All racial subgroups increased participation in AP courses from SY12 to SY13, with the exception of Native Hawaiian/Other Pacific Islanders. It should be noted that the population numbers in this subgroup are very small. The highest participation came from Asians, followed by Native Hawaiian/Pacific Islanders, whites, and Black or African Americans and American Indian/Alaska Natives, who were close in participation. Hispanic/Latinos had the lowest participation.

**AP Exam Participation**

Overall, a larger percentage of students are taking and passing AP exams across all participating Advancing STEM AP schools. This is seen across all AP areas (ELA, math, and science) and most subgroups—including high-needs, non-high-needs, females, males, and racial subgroups.

At the same time, the percentage of *exam takers* who pass—as defined by a score of 3 or greater—has decreased in ELA and mathematics. This is seen across all schools and most subgroups. Conversely, the percentage of those students who take a science exam and pass has slightly increased across all schools and most subgroups.

While more students in participating schools are taking and passing the exams based on the total population, it is not clear why the percentage of *exam takers* who passed ELA and mathematics exams has decreased. One explanation could be that the larger numbers of students taking the exam are less well prepared. Because of this relatively new approach of reaching beyond the traditional group of high-achieving students who generally participate in AP courses and exams, it is possible that students who are coming to the program do not have as strong a background. So, while recruiting a larger group of students to participate in AP courses and exams has been successful and has raised the overall participation and pass rates, the effective preparation of students new to this world of AP courses and exams has yet to be realized.

While all underrepresented groups have increased AP exam taking and passing, there is a large gap between high-needs and non-high-needs students on all AP exams in ELA, math, and science. This includes percentages of the whole school population, as well as the percentages of *exam takers* who pass. All racial groups also show an increase in the percentage of students from the school population taking at least one AP exam, with the exception of Native Hawaiian/Other Pacific Islanders (again with a very small population). However, there are gaps by subgroup, with Asians highest, then white and Native Hawaiian/Other Pacific Islanders, and lastly with Black or African American, American Indian/Alaska Native, and Hispanic/Latino groups participating least. Interestingly, Black or African Americans and American Indian/Alaska Natives *increased* the percentage of *exam takers* who passed at least one AP exam.

Both males and females have increased participation in AP exam taking and passing from SY12 to SY13. There is a small gap in math and science exams, with females participating to a larger extent than males, and a larger gap in ELA exams, with females both taking and passing the exams twice as often as males. Interestingly, the percentage of *exam takers* who pass is larger for males than for females.

\*\*\*\*\*\*\*\*\*\*\*

Based on the findings presented in this report, there is considerable evidence that access to ELA, math, and science AP courses offered in Advancing STEM AP schools has increased from SY12 to SY13. In addition, student participation in these AP courses (enrolling, completing, passing, and earning credit) has expanded in that same period. Thus, it appears that MMSI has been successful in implementing core components of the Advancing STEM AP program. Two areas can benefit from additional attention: maintaining or increasing the AP pass rates, particularly in math and ELA, and accelerating the rate of participation and success of high-need and minority students.

# Appendix A

**Appendix A**

**AP Course Participation**

| **Table A-1. PARTICIPATION Number & Percentage of Students in At Least One AP Course SY12 & SY13** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **All Students** | | | | | | | |
|  |  | **Enrolled** | | **Completed** | | **Passed** | | **Earned Credit** | |
|  |  | **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** |
| All Schools | 2012 | 5,729 | 11.9% | 5,312 | 11.0% | 5,177 | 10.7% | 4,945 | 10.2% |
| 2013 | 6,486 | 14.9% | 6,072 | 13.9% | 5,945 | 13.6% | 5,755 | 13.2% |
| Agawam High School | 2012 | 221 | 15.8% | 212 | 15.2% | 205 | 14.7% | 203 | 14.5% |
| 2013 | 268 | 20.8% | 266 | 20.7% | 263 | 20.5% | 263 | 20.5% |
| Athol High School | 2012 | 66 | 15.2% | 62 | 14.3% | 62 | 14.3% | 62 | 14.3% |
| 2013 | 66 | 18.1% | 61 | 16.8% | 58 | 15.9% | 58 | 15.9% |
| Attleboro High School | 2012 | 238 | 13.1% | 232 | 12.8% | 231 | 12.7% | 231 | 12.7% |
| 2013 | 316 | 19.1% | 310 | 18.7% | 308 | 18.6% | 308 | 18.6% |
| Bellingham High School | 2012 | 116 | 16.0% | 114 | 15.7% | 113 | 15.6% | 113 | 15.6% |
| 2013 | 113 | 17.4% | 109 | 16.7% | 107 | 16.4% | 107 | 16.4% |
| Boston–Boston Community Leadership Academy | 2012 | 84 | 16.6% | 83 | 16.4% | 83 | 16.4% | 83 | 16.4% |
| 2013 | 112 | 23.2% | 111 | 23.0% | 107 | 22.2% | 107 | 22.2% |
| Boston–Brighton High School | 2012 | 94 | 7.0% | 91 | 6.7% | 87 | 6.4% | 87 | 6.4% |
| 2013 | 108 | 10.0% | 104 | 9.6% | 97 | 9.0% | 97 | 9.0% |
| Boston–Community Academy of Science and Health | 2012 | 60 | 13.5% | 57 | 12.8% | 49 | 11.0% | 49 | 11.0% |
| 2013 | 68 | 16.4% | 58 | 14.0% | 54 | 13.0% | 54 | 13.0% |
| Boston–East Boston High School | 2012 | 120 | 7.8% | 117 | 7.6% | 110 | 7.1% | 110 | 7.1% |
| 2013 | 139 | 10.8% | 135 | 10.5% | 128 | 10.0% | 128 | 10.0% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 66 | 28.8% | 64 | 27.9% | 63 | 27.5% | 63 | 27.5% |
| 2013 | 40 | 15.0% | 38 | 14.2% | 38 | 14.2% | 38 | 14.2% |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 204 | 14.9% | 204 | 14.9% | 200 | 14.6% | 200 | 14.6% |
| 2013 | 233 | 17.7% | 227 | 17.2% | 223 | 16.9% | 223 | 16.9% |
| Boston–New Mission High School | 2012 | 59 | 22.1% | 57 | 21.3% | 57 | 21.3% | 57 | 21.3% |
| 2013 | 87 | 32.8% | 82 | 30.9% | 78 | 29.4% | 78 | 29.4% |
| Boston Collegiate Charter School | 2012 | 44 | 7.1% | 44 | 7.1% | 39 | 6.3% | 39 | 6.3% |
| 2013 | 57 | 9.5% | 57 | 9.5% | 54 | 9.0% | 53 | 8.8% |
| Chelsea High School | 2012 | 128 | 8.5% | 123 | 8.1% | 117 | 7.7% | 117 | 7.7% |
| 2013 | 149 | 11.2% | 146 | 10.9% | 140 | 10.5% | 140 | 10.5% |
| Danvers High School | 2012 | 160 | 14.8% | 64 | 5.9% | 64 | 5.9% | 64 | 5.9% |
| 2013 | 185 | 17.9% | 178 | 17.2% | 178 | 17.2% | 177 | 17.1% |
| Dedham High School | 2012 | 104 | 12.8% | 102 | 12.6% | 102 | 12.6% | 102 | 12.6% |
| 2013 | 151 | 19.5% | 150 | 19.4% | 150 | 19.4% | 150 | 19.4% |
| Douglas High School | 2012 | 65 | 10.1% | 65 | 10.1% | 65 | 10.1% | 65 | 10.1% |
| 2013 | 67 | 11.5% | 67 | 11.5% | 66 | 11.3% | 65 | 11.2% |
| Dracut High School | 2012 | 94 | 7.6% | 93 | 7.5% | 93 | 7.5% | 93 | 7.5% |
| 2013 | 137 | 13.5% | 135 | 13.3% | 134 | 13.2% | 134 | 13.2% |
| Easthampton High School | 2012 | 75 | 15.5% | 75 | 15.5% | 75 | 15.5% | 75 | 15.5% |
| 2013 | 90 | 19.7% | 90 | 19.7% | 90 | 19.7% | 90 | 19.7% |
| Fall River–B.M.C. Durfee High School | 2012 | 204 | 8.5% | 96 | 4.0% | 95 | 4.0% | 95 | 4.0% |
| 2013 | 229 | 10.7% | 104 | 4.9% | 101 | 4.7% | 101 | 4.7% |
| Gill-Montague–Turner’s Falls High School | 2012 | 40 | 12.0% | 31 | 9.3% | 31 | 9.3% | 31 | 9.3% |
| 2013 | 47 | 16.6% | 40 | 14.1% | 39 | 13.8% | 39 | 13.8% |
| Greenfield High School | 2012 | 72 | 13.5% | 68 | 12.7% | 65 | 12.2% | 64 | 12.0% |
| 2013 | 76 | 15.7% | 72 | 14.9% | 70 | 14.5% | 70 | 14.5% |
| Malden High School | 2012 | 260 | 12.7% | 257 | 12.5% | 252 | 12.3% | 252 | 12.3% |
| 2013 | 252 | 13.7% | 245 | 13.3% | 240 | 13.0% | 240 | 13.0% |
| Marlborough High School | 2012 | 178 | 14.2% | 175 | 14.0% | 174 | 13.9% | 174 | 13.9% |
| 2013 | 245 | 21.5% | 238 | 20.9% | 234 | 20.5% | 234 | 20.5% |
| Mashpee High School | 2012 | 130 | 26.4% | 126 | 25.6% | 125 | 25.4% | 125 | 25.4% |
| 2013 | 115 | 26.7% | 112 | 26.0% | 112 | 26.0% | 112 | 26.0% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 97 | 12.8% | 96 | 12.6% | 96 | 12.6% | 96 | 12.6% |
| 2013 | 93 | 12.8% | 93 | 12.8% | 91 | 12.5% | 91 | 12.5% |
| Methuen High School | 2012 | 197 | 10.5% | 188 | 10.0% | 184 | 9.8% | 184 | 9.8% |
| 2013 | 170 | 9.7% | 165 | 9.4% | 163 | 9.3% | 163 | 9.3% |
| Middleborough High School | 2012 | 153 | 15.8% | 111 | 11.4% | 108 | 11.1% | 107 | 11.0% |
| 2013 | 150 | 18.3% | 90 | 11.0% | 90 | 11.0% | 90 | 11.0% |
| Narragansett Regional High School | 2012 | 42 | 9.0% | 41 | 8.8% | 41 | 8.8% | 41 | 8.8% |
| 2013 | 51 | 12.0% | 50 | 11.8% | 50 | 11.8% | 50 | 11.8% |
| Northampton High School | 2012 | 284 | 30.8% | 261 | 28.3% | 259 | 28.1% | 254 | 27.5% |
| 2013 | 305 | 34.2% | 285 | 31.9% | 284 | 31.8% | 279 | 31.2% |
| Northbridge High School | 2012 | 105 | 14.9% | 105 | 14.9% | 105 | 14.9% | 105 | 14.9% |
| 2013 | 125 | 18.4% | 124 | 18.2% | 124 | 18.2% | 124 | 18.2% |
| Norton High School | 2012 | 65 | 7.8% | 62 | 7.4% | 61 | 7.3% | 61 | 7.3% |
| 2013 | 70 | 10.2% | 69 | 10.1% | 67 | 9.8% | 67 | 9.8% |
| Palmer High School | 2012 | 75 | 12.1% | 75 | 12.1% | 74 | 12.0% | 73 | 11.8% |
| 2013 | 85 | 16.5% | 83 | 16.1% | 82 | 15.9% | 82 | 15.9% |
| Peabody Veteran’s Memorial High School | 2012 | 158 | 8.3% | 153 | 8.0% | 152 | 7.9% | 150 | 7.8% |
| 2013 | 189 | 10.6% | 181 | 10.2% | 181 | 10.2% | — | — |
| Quaboag Regional Middle High School | 2012 | 64 | 10.0% | 62 | 9.7% | 62 | 9.7% | 62 | 9.7% |
| 2013 | 70 | 12.3% | 70 | 12.3% | 70 | 12.3% | 70 | 12.3% |
| Randolph High School | 2012 | 125 | 14.7% | 122 | 14.3% | 118 | 13.9% | 118 | 13.9% |
| 2013 | 141 | 18.9% | 131 | 17.5% | 126 | 16.9% | 126 | 16.9% |
| Salem High School | 2012 | 104 | 8.0% | 102 | 7.8% | 102 | 7.8% | 102 | 7.8% |
| 2013 | 118 | 10.4% | 116 | 10.3% | 113 | 10.0% | 113 | 10.0% |
| Salem Academy Charter School | 2012 | 26 | 7.3% | 25 | 7.0% | 25 | 7.0% | 18 | 5.1% |
| 2013 | 21 | 6.4% | 20 | 6.1% | 20 | 6.1% | 20 | 6.1% |
| South Hadley High School | 2012 | 132 | 19.6% | 127 | 18.9% | 126 | 18.7% | 126 | 18.7% |
| 2013 | 153 | 25.3% | 148 | 24.5% | 148 | 24.5% | 147 | 24.3% |
| Springfield–Central High School | 2012 | 198 | 8.8% | 197 | 8.7% | 177 | 7.9% | — | — |
| 2013 | 208 | 10.9% | 207 | 10.8% | 196 | 10.2% | 196 | 10.2% |
| Springfield–High School of Science & Technology | 2012 | 45 | 2.9% | 36 | 2.3% | 36 | 2.3% | — | — |
| 2013 | 62 | 4.7% | 60 | 4.5% | 55 | 4.1% | 55 | 4.1% |
| Uxbridge High School | 2012 | 80 | 16.7% | 80 | 16.7% | 80 | 16.7% | 80 | 16.7% |
| 2013 | 89 | 18.9% | 88 | 18.7% | 88 | 18.7% | 88 | 18.7% |
| Ware Junior Senior High School | 2012 | 29 | 5.2% | 29 | 5.2% | 29 | 5.2% | 29 | 5.2% |
| 2013 | 46 | 9.6% | 43 | 9.0% | 40 | 8.4% | 40 | 8.4% |
| West Springfield High School | 2012 | 94 | 7.1% | 93 | 7.1% | 89 | 6.8% | 89 | 6.8% |
| 2013 | 162 | 13.8% | 160 | 13.7% | 155 | 13.2% | 155 | 13.2% |
| Winthrop High School | 2012 | 118 | 22.4% | 118 | 22.4% | 117 | 22.2% | 117 | 22.2% |
| 2013 | 152 | 28.5% | 152 | 28.5% | 151 | 28.3% | 151 | 28.3% |
| Worcester–Burncoat High School | 2012 | 166 | 15.2% | 162 | 14.8% | 152 | 13.9% | 152 | 13.9% |
| 2013 | 159 | 15.8% | 152 | 15.1% | 146 | 14.5% | 146 | 14.5% |
| Worcester–North High School | 2012 | 167 | 13.2% | 136 | 10.8% | 131 | 10.4% | 131 | 10.4% |
| 2013 | 189 | 15.2% | 134 | 10.8% | 131 | 10.6% | 131 | 10.6% |
| Worcester–South High Community School | 2012 | 227 | 16.1% | 224 | 15.8% | 203 | 14.4% | 203 | 14.4% |
| 2013 | 209 | 16.4% | 202 | 15.9% | 196 | 15.4% | 196 | 15.4% |
| Worcester–Technical High School | 2012 | 96 | 6.9% | 95 | 6.8% | 93 | 6.7% | 93 | 6.7% |
| 2013 | 119 | 8.9% | 114 | 8.5% | 109 | 8.2% | 109 | 8.2% |

| **Table A-2. Number and Percentage of High-Need and Non-High-Need Students Participating in At Least One AP Course SY12 & SY13** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **High-Needs** | | | | | | | | **Non-High-Needs** | | | | | | | |
|  |  | **Enrolled** | | **Completed** | | **Passed** | | **Earned Credit** | | **Enrolled** | | **Completed** | | **Passed** | | **Earned Credit** | |
| **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** | **N** | **%** |
| All Schools | 2012 | 1,945 | 7.0% | 1,807 | 6.5% | 1,727 | 6.3% | 1,598 | 5.8% | 3,784 | 18.3% | 3,505 | 17.0% | 3,450 | 16.7% | 3,347 | 16.2% |
| 2013 | 2,406 | 9.7% | 2,200 | 8.9% | 2,127 | 8.6% | 2,106 | 8.5% | 4,080 | 21.6% | 3,872 | 20.5% | 3,818 | 20.2% | 3,649 | 19.3% |
| Agawam High School | 2012 | 31 | 7.0% | 26 | 5.9% | 25 | 5.7% | 25 | 5.7% | 190 | 19.8% | 186 | 19.4% | 180 | 18.8% | 178 | 18.6% |
| 2013 | 36 | 8.9% | 36 | 8.9% | 35 | 8.6% | 35 | 8.6% | 232 | 26.4% | 230 | 26.1% | 228 | 25.9% | 228 | 25.9% |
| Athol High School | 2012 | 27 | 10.1% | 25 | 9.4% | 25 | 9.4% | 25 | 9.4% | 39 | 23.5% | 37 | 22.3% | 37 | 22.3% | 37 | 22.3% |
| 2013 | 30 | 14.1% | 25 | 11.7% | 25 | 11.7% | 25 | 11.7% | 36 | 23.8% | 36 | 23.8% | 33 | 21.9% | 33 | 21.9% |
| Attleboro High School | 2012 | 49 | 6.2% | 44 | 5.5% | 44 | 5.5% | 44 | 5.5% | 189 | 18.5% | 188 | 18.4% | 187 | 18.4% | 187 | 18.4% |
| 2013 | 69 | 9.7% | 67 | 9.4% | 67 | 9.4% | 67 | 9.4% | 247 | 26.2% | 243 | 25.7% | 241 | 25.5% | 241 | 25.5% |
| Bellingham High School | 2012 | 14 | 6.1% | 14 | 6.1% | 14 | 6.1% | 14 | 6.1% | 102 | 20.5% | 100 | 20.1% | 99 | 19.9% | 99 | 19.9% |
| 2013 | 12 | 5.8% | 11 | 5.3% | 11 | 5.3% | 11 | 5.3% | 101 | 22.7% | 98 | 22.0% | 96 | 21.6% | 96 | 21.6% |
| Boston–Boston Community Leadership Academy | 2012 | 75 | 16.8% | 74 | 16.6% | 74 | 16.6% | 74 | 16.6% | 9 | 14.8% | — | — | — | — | — | — |
| 2013 | 84 | 20.3% | 83 | 20.1% | 82 | 19.9% | 82 | 19.9% | 28 | 40.0% | 28 | 40.0% | 25 | 35.7% | 25 | 35.7% |
| Boston–Brighton High School | 2012 | 79 | 6.7% | 76 | 6.5% | 74 | 6.3% | 74 | 6.3% | 15 | 8.5% | 15 | 8.5% | 13 | 7.4% | 13 | 7.4% |
| 2013 | 86 | 9.5% | 84 | 9.2% | 79 | 8.7% | 79 | 8.7% | 22 | 13.0% | 20 | 11.8% | 18 | 10.7% | 18 | 10.7% |
| Boston–Community Academy of Science and Health | 2012 | 46 | 12.2% | 44 | 11.7% | 37 | 9.8% | 37 | 9.8% | 14 | 20.9% | 13 | 19.4% | 12 | 17.9% | 12 | 17.9% |
| 2013 | 57 | 16.9% | 49 | 14.5% | 46 | 13.6% | 46 | 13.6% | 11 | 14.5% | 9 | 11.8% | 8 | 10.5% | 8 | 10.5% |
| Boston–East Boston High School | 2012 | 48 | 4.2% | 48 | 4.2% | 46 | 4.0% | 46 | 4.0% | 72 | 17.9% | 69 | 17.1% | 66 | 16.4% | 66 | 16.4% |
| 2013 | 106 | 10.2% | 104 | 10.0% | 98 | 9.4% | 98 | 9.4% | 33 | 13.6% | 31 | 12.8% | 30 | 12.3% | 30 | 12.3% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 40 | 23.5% | 39 | 22.9% | 38 | 22.4% | 38 | 22.4% | 26 | 44.1% | 25 | 42.4% | 25 | 42.4% | 25 | 42.4% |
| 2013 | 24 | 12.0% | 22 | 11.0% | 22 | 11.0% | 22 | 11.0% | 16 | 23.9% | 16 | 23.9% | 16 | 23.9% | 16 | 23.9% |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 139 | 14.2% | 139 | 14.2% | 137 | 14.0% | 137 | 14.0% | 65 | 16.5% | 65 | 16.5% | 63 | 16.0% | 63 | 16.0% |
| 2013 | 182 | 18.0% | 176 | 17.4% | 174 | 17.2% | 174 | 17.2% | 51 | 16.6% | 51 | 16.6% | 49 | 15.9% | 49 | 15.9% |
| Boston–New Mission High School | 2012 | 47 | 20.7% | 45 | 19.8% | 45 | 19.8% | 45 | 19.8% | 12 | 30.0% | 12 | 30.0% | 12 | 30.0% | 12 | 30.0% |
| 2013 | 69 | 31.8% | 65 | 30.0% | 61 | 28.1% | 61 | 28.1% | 18 | 37.5% | 17 | 35.4% | 17 | 35.4% | 17 | 35.4% |
| Boston Collegiate Charter School | 2012 | 14 | 4.3% | 14 | 4.3% | 11 | 3.3% | 11 | 3.3% | 30 | 10.3% | 30 | 10.3% | 28 | 9.6% | 28 | 9.6% |
| 2013 | 25 | 7.8% | 25 | 7.8% | 24 | 7.5% | 23 | 7.2% | 32 | 11.4% | 32 | 11.4% | 30 | 10.7% | 30 | 10.7% |
| Chelsea High School | 2012 | 77 | 6.4% | 74 | 6.2% | 72 | 6.0% | 72 | 6.0% | 51 | 16.1% | 49 | 15.5% | 45 | 14.2% | 45 | 14.2% |
| 2013 | 120 | 10.8% | 118 | 10.6% | 114 | 10.3% | 114 | 10.3% | 29 | 12.9% | 28 | 12.5% | 26 | 11.6% | 26 | 11.6% |
| Danvers High School | 2012 | 8 | 2.6% | — | — | — | — | — | — | 152 | 19.7% | 60 | 7.8% | 60 | 7.8% | 60 | 7.8% |
| 2013 | 11 | 3.8% | 9 | 3.1% | 9 | 3.1% | 9 | 3.1% | 174 | 23.4% | 169 | 22.7% | 169 | 22.7% | 168 | 22.6% |
| Dedham High School | 2012 | 13 | 3.7% | 13 | 3.7% | 13 | 3.7% | 13 | 3.7% | 91 | 19.7% | 89 | 19.3% | 89 | 19.3% | 89 | 19.3% |
| 2013 | 22 | 6.9% | 22 | 6.9% | 22 | 6.9% | 22 | 6.9% | 129 | 28.4% | 128 | 28.2% | 128 | 28.2% | 128 | 28.2% |
| Douglas High School | 2012 | 4 | 2.3% | — | — | — | — | — | — | 61 | 13.0% | 61 | 13.0% | 61 | 13.0% | 61 | 13.0% |
| 2013 | 7 | 4.1% | — | — | — | — | — | — | 60 | 14.6% | 60 | 14.6% | 60 | 14.6% | 59 | 14.3% |
| Dracut High School | 2012 | 5 | 1.8% | — | — | — | — | — | — | 89 | 9.2% | 88 | 9.1% | 88 | 9.1% | 88 | 9.1% |
| 2013 | 13 | 5.7% | 12 | 5.3% | 12 | 5.3% | 12 | 5.3% | 124 | 15.7% | 122 | 15.4% | 122 | 15.4% | 122 | 15.4% |
| Easthampton High School | 2012 | 13 | 6.6% | 13 | 6.6% | 13 | 6.6% | 13 | 6.6% | 62 | 21.6% | 62 | 21.6% | 62 | 21.6% | 62 | 21.6% |
| 2013 | 18 | 9.8% | 18 | 9.8% | 18 | 9.8% | 18 | 9.8% | 72 | 26.2% | 72 | 26.2% | 72 | 26.2% | 72 | 26.2% |
| Fall River–B.M.C. Durfee High School | 2012 | 88 | 5.0% | 41 | 2.3% | 40 | 2.3% | 40 | 2.3% | 116 | 18.8% | 55 | 8.9% | 55 | 8.9% | 55 | 8.9% |
| 2013 | 109 | 7.1% | 45 | 2.9% | 43 | 2.8% | 43 | 2.8% | 120 | 19.8% | 59 | 9.8% | 58 | 9.6% | 58 | 9.6% |
| Gill-Montague–Turner’s Falls High School | 2012 | 15 | 7.9% | 11 | 5.8% | 11 | 5.8% | 11 | 5.8% | 25 | 17.6% | 20 | 14.1% | 20 | 14.1% | 20 | 14.1% |
| 2013 | 17 | 11.6% | 12 | 8.2% | 11 | 7.5% | 11 | 7.5% | 30 | 22.1% | 28 | 20.6% | 28 | 20.6% | 28 | 20.6% |
| Greenfield High School | 2012 | 28 | 8.1% | 27 | 7.8% | 25 | 7.2% | 25 | 7.2% | 44 | 23.4% | 41 | 21.8% | 40 | 21.3% | 39 | 20.7% |
| 2013 | 32 | 10.0% | 29 | 9.1% | 27 | 8.4% | 27 | 8.4% | 44 | 26.8% | 43 | 26.2% | 43 | 26.2% | 43 | 26.2% |
| Malden High School | 2012 | 146 | 10.2% | 145 | 10.1% | 142 | 9.9% | 142 | 9.9% | 114 | 18.4% | 112 | 18.0% | 110 | 17.7% | 110 | 17.7% |
| 2013 | 129 | 10.7% | 128 | 10.6% | 126 | 10.4% | 126 | 10.4% | 123 | 19.4% | 117 | 18.5% | 114 | 18.0% | 114 | 18.0% |
| Marlborough High School | 2012 | 31 | 4.9% | 30 | 4.7% | 30 | 4.7% | 30 | 4.7% | 147 | 23.7% | 145 | 23.4% | 144 | 23.3% | 144 | 23.3% |
| 2013 | 53 | 9.5% | 51 | 9.2% | 47 | 8.5% | 47 | 8.5% | 192 | 32.9% | 187 | 32.1% | 187 | 32.1% | 187 | 32.1% |
| Mashpee High School | 2012 | 16 | 8.6% | 15 | 8.0% | 15 | 8.0% | 15 | 8.0% | 114 | 37.4% | 111 | 36.4% | 110 | 36.1% | 110 | 36.1% |
| 2013 | 24 | 15.1% | 23 | 14.5% | 23 | 14.5% | 23 | 14.5% | 91 | 33.6% | 89 | 32.8% | 89 | 32.8% | 89 | 32.8% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 4 | 3.0% | — | — | — | — | — | — | 93 | 14.8% | 92 | 14.6% | 92 | 14.6% | 92 | 14.6% |
| 2013 | 3 | 1.9% | — | — | — | — | — | — | 90 | 15.8% | 90 | 15.8% | 89 | 15.7% | 89 | 15.7% |
| Methuen High School | 2012 | 36 | 4.4% | 34 | 4.2% | 32 | 3.9% | 32 | 3.9% | 161 | 15.0% | 154 | 14.4% | 152 | 14.2% | 152 | 14.2% |
| 2013 | 45 | 5.4% | 42 | 5.0% | 40 | 4.8% | 40 | 4.8% | 125 | 13.5% | 123 | 13.3% | 123 | 13.3% | 123 | 13.3% |
| Middleborough High School | 2012 | 118 | 30.6% | 83 | 21.6% | 82 | 21.3% | 82 | 21.3% | 118 | 20.1% | 83 | 14.2% | 82 | 14.0% | 82 | 14.0% |
| 2013 | 30 | 9.8% | 16 | 5.2% | 16 | 5.2% | 16 | 5.2% | 120 | 23.4% | 74 | 14.4% | 74 | 14.4% | 74 | 14.4% |
| Narragansett Regional High School | 2012 | 6 | 3.8% | — | — | — | — | — | — | 36 | 11.7% | 35 | 11.3% | 35 | 11.3% | 35 | 11.3% |
| 2013 | 1 | 1.7% | — | — | — | — | — | — | 50 | 13.7% | 49 | 13.4% | 49 | 13.4% | 49 | 13.4% |
| Northampton High School | 2012 | 41 | 13.1% | 35 | 11.1% | 33 | 10.5% | 32 | 10.2% | 243 | 40.0% | 226 | 37.2% | 226 | 37.2% | 222 | 36.5% |
| 2013 | 48 | 16.9% | 43 | 15.1% | 43 | 15.1% | 42 | 14.8% | 257 | 42.2% | 242 | 39.7% | 241 | 39.6% | 237 | 38.9% |
| Northbridge High School | 2012 | 11 | 4.2% | 11 | 4.2% | 11 | 4.2% | 11 | 4.2% | 94 | 21.3% | 94 | 21.3% | 94 | 21.3% | 94 | 21.3% |
| 2013 | 18 | 7.6% | 18 | 7.6% | 18 | 7.6% | 18 | 7.6% | 107 | 24.2% | 106 | 23.9% | 106 | 23.9% | 106 | 23.9% |
| Norton High School | 2012 | 5 | 2.2% | — | — | — | — | — | — | 60 | 9.9% | 57 | 9.4% | 56 | 9.2% | 56 | 9.2% |
| 2013 | 5 | 2.6% | — | — | — | — | — | — | 65 | 13.1% | 64 | 12.9% | 62 | 12.5% | 62 | 12.5% |
| Palmer High School | 2012 | 13 | 4.9% | 13 | 4.9% | 13 | 4.9% | 13 | 4.9% | 62 | 17.5% | 62 | 17.5% | 61 | 17.2% | 60 | 16.9% |
| 2013 | 17 | 8.4% | 15 | 7.4% | 15 | 7.4% | 15 | 7.4% | 68 | 21.7% | 68 | 21.7% | 67 | 21.4% | 67 | 21.4% |
| Peabody Veteran’s Memorial High School | 2012 | 16 | 2.1% | 16 | 2.1% | 16 | 2.1% | 16 | 2.1% | 142 | 12.5% | 137 | 12.0% | 136 | 12.0% | 134 | 11.8% |
| 2013 | 20 | 2.9% | 19 | 2.7% | 19 | 2.7% | — | — | 169 | 15.7% | 162 | 15.0% | 162 | 15.0% | — | — |
| Quaboag Regional Middle High School | 2012 | 14 | 4.6% | 14 | 4.6% | 14 | 4.6% | 14 | 4.6% | 50 | 14.7% | 48 | 14.1% | 48 | 14.1% | 48 | 14.1% |
| 2013 | 16 | 5.8% | 16 | 5.8% | 16 | 5.8% | 16 | 5.8% | 54 | 18.5% | 54 | 18.5% | 54 | 18.5% | 54 | 18.5% |
| Randolph High School | 2012 | 61 | 11.4% | 58 | 10.9% | 56 | 10.5% | 56 | 10.5% | 64 | 20.1% | 64 | 20.1% | 62 | 19.5% | 62 | 19.5% |
| 2013 | 69 | 14.7% | 64 | 13.7% | 62 | 13.2% | 62 | 13.2% | 72 | 25.8% | 67 | 24.0% | 64 | 22.9% | 64 | 22.9% |
| Salem High School | 2012 | 27 | 3.1% | 27 | 3.1% | 27 | 3.1% | 27 | 3.1% | 77 | 18.3% | 75 | 17.9% | 75 | 17.9% | 75 | 17.9% |
| 2013 | 40 | 5.5% | 39 | 5.3% | 38 | 5.2% | 38 | 5.2% | 78 | 19.5% | 77 | 19.2% | 75 | 18.7% | 75 | 18.7% |
| Salem Academy Charter School | 2012 | 13 | 6.1% | 12 | 5.6% | 12 | 5.6% | 10 | 4.7% | 13 | 9.2% | 13 | 9.2% | 13 | 9.2% | 8 | 5.7% |
| 2013 | 9 | 5.4% | — | — | — | — | — | — | 12 | 7.5% | 12 | 7.5% | 12 | 7.5% | 12 | 7.5% |
| South Hadley High School | 2012 | 24 | 11.2% | 21 | 9.8% | 21 | 9.8% | 21 | 9.8% | 108 | 23.6% | 106 | 23.1% | 105 | 22.9% | 105 | 22.9% |
| 2013 | 29 | 14.8% | 26 | 13.3% | 26 | 13.3% | 26 | 13.3% | 124 | 30.3% | 122 | 29.8% | 122 | 29.8% | 121 | 29.6% |
| Springfield–Central High School | 2012 | 118 | 6.6% | 118 | 6.6% | 102 | 5.7% | — | — | 80 | 17.6% | 79 | 17.4% | 75 | 16.5% | — | — |
| 2013 | 134 | 8.7% | 133 | 8.7% | 127 | 8.3% | 127 | 8.3% | 74 | 19.4% | 74 | 19.4% | 69 | 18.1% | 69 | 18.1% |
| Springfield–High School of Science & Technology | 2012 | 30 | 2.2% | 23 | 1.7% | 23 | 1.7% | — | — | 15 | 6.9% | 13 | 6.0% | 13 | 6.0% | — | — |
| 2013 | 47 | 4.1% | 46 | 4.0% | 42 | 3.7% | 42 | 3.7% | 15 | 7.8% | 14 | 7.3% | 13 | 6.8% | 13 | 6.8% |
| Uxbridge High School | 2012 | 3 | 2.2% | — | — | — | — | — | — | 77 | 22.6% | 77 | 22.6% | 77 | 22.6% | 77 | 22.6% |
| 2013 | 3 | 2.3% | — | — | — | — | — | — | 86 | 25.1% | 85 | 24.9% | 85 | 24.9% | 85 | 24.9% |
| Ware Junior Senior High School | 2012 | 7 | 2.4% | — | — | — | — | — | — | 22 | 8.4% | 22 | 8.4% | 22 | 8.4% | 22 | 8.4% |
| 2013 | 9 | 3.6% | — | — | — | — | — | — | 37 | 16.4% | 34 | 15.1% | 32 | 14.2% | 32 | 14.2% |
| West Springfield High School | 2012 | 18 | 2.5% | 18 | 2.5% | 16 | 2.3% | 16 | 2.3% | 76 | 12.5% | 75 | 12.4% | 73 | 12.0% | 73 | 12.0% |
| 2013 | 50 | 7.8% | 50 | 7.8% | 48 | 7.5% | 48 | 7.5% | 112 | 21.3% | 110 | 20.9% | 107 | 20.3% | 107 | 20.3% |
| Winthrop High School | 2012 | 25 | 11.8% | 25 | 11.8% | 25 | 11.8% | 25 | 11.8% | 93 | 29.5% | 93 | 29.5% | 92 | 29.2% | 92 | 29.2% |
| 2013 | 42 | 19.5% | 42 | 19.5% | 41 | 19.1% | 41 | 19.1% | 110 | 34.5% | 110 | 34.5% | 110 | 34.5% | 110 | 34.5% |
| Worcester–Burncoat High School | 2012 | 59 | 7.8% | 59 | 7.8% | 55 | 7.2% | 55 | 7.2% | 107 | 32.1% | 103 | 30.9% | 97 | 29.1% | 97 | 29.1% |
| 2013 | 61 | 8.5% | 59 | 8.3% | 56 | 7.8% | 56 | 7.8% | 98 | 33.7% | 93 | 32.0% | 90 | 30.9% | 90 | 30.9% |
| Worcester–North High School | 2012 | 127 | 11.7% | 103 | 9.5% | 99 | 9.1% | 98 | 9.0% | 40 | 22.1% | 33 | 18.2% | 33 | 18.2% | 33 | 18.2% |
| 2013 | 158 | 14.8% | 110 | 10.3% | 108 | 10.1% | 108 | 10.1% | 31 | 18.0% | 24 | 14.0% | 23 | 13.4% | 23 | 13.4% |
| Worcester–South High Community School | 2012 | 148 | 12.5% | 146 | 12.3% | 131 | 11.0% | 131 | 11.0% | 79 | 34.8% | 78 | 34.4% | 72 | 31.7% | 72 | 31.7% |
| 2013 | 149 | 14.1% | 144 | 13.6% | 138 | 13.0% | 138 | 13.0% | 60 | 28.2% | 58 | 27.2% | 58 | 27.2% | 58 | 27.2% |
| Worcester–Technical High School | 2012 | 51 | 5.2% | 51 | 5.2% | 49 | 5.0% | 49 | 5.0% | 45 | 10.9% | 44 | 10.7% | 44 | 10.7% | 44 | 10.7% |
| 2013 | 68 | 7.1% | 67 | 7.0% | 65 | 6.8% | 65 | 6.8% | 51 | 13.6% | 47 | 12.5% | 44 | 11.7% | 44 | 11.7% |

| **Table A-3. Number and Percentage of Students Participating in At Least One AP Course by Gender SY12 & SY13** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **Female** | | | | | | | | **Male** | | | | | | | |
|  |  | **Enrolled** | | **Completed** | | **Passed** | | **Earned Credit** | | **Enrolled** | | **Completed** | | **Passed** | | **Earned Credit** | |
| N | % | N | % | N | % | N | % | N | % | N | % | N | % | N | % |
| All Schools | 2012 | 3,426 | 14.5% | 3,184 | 13.4% | 3,116 | 13.2% | 2,979 | 12.6% | 2,303 | 9.4% | 2,128 | 8.7% | 2,061 | 8.4% | 1,966 | 8.0% |
| 2013 | 3,949 | 18.3% | 3,697 | 17.1% | 3,632 | 16.8% | 3,529 | 16.3% | 2,537 | 11.5% | 2,375 | 10.8% | 2,313 | 10.5% | 2,226 | 10.1% |
| Agawam High School | 2012 | 143 | 20.7% | 138 | 19.9% | 134 | 19.4% | 132 | 19.1% | 78 | 11.0% | 74 | 10.5% | 71 | 10.1% | 71 | 10.1% |
| 2013 | 157 | 25.2% | 155 | 24.8% | 155 | 24.8% | 155 | 24.8% | 111 | 16.8% | 111 | 16.8% | 108 | 16.3% | 108 | 16.3% |
| Athol High School | 2012 | 39 | 18.8% | 37 | 17.9% | 37 | 17.9% | 37 | 17.9% | 27 | 11.9% | 25 | 11.1% | 25 | 11.1% | 25 | 11.1% |
| 2013 | 39 | 22.3% | 35 | 20.0% | 33 | 18.9% | 33 | 18.9% | 27 | 14.3% | 26 | 13.8% | 25 | 13.2% | 25 | 13.2% |
| Attleboro High School | 2012 | 135 | 15.4% | 132 | 15.1% | 132 | 15.1% | 132 | 15.1% | 103 | 11.0% | 100 | 10.7% | 99 | 10.6% | 99 | 10.6% |
| 2013 | 194 | 23.8% | 188 | 23.1% | 188 | 23.1% | 188 | 23.1% | 122 | 14.5% | 122 | 14.5% | 120 | 14.2% | 120 | 14.2% |
| Bellingham High School | 2012 | 69 | 19.9% | 67 | 19.3% | 67 | 19.3% | 67 | 19.3% | 47 | 12.4% | 47 | 12.4% | 46 | 12.1% | 46 | 12.1% |
| 2013 | 70 | 23.2% | 68 | 22.5% | 67 | 22.2% | 67 | 22.2% | 43 | 12.3% | 41 | 11.7% | 40 | 11.5% | 40 | 11.5% |
| Boston–Boston Community Leadership Academy | 2012 | 54 | 19.8% | 54 | 19.8% | 54 | 19.8% | 54 | 19.8% | 30 | 12.8% | 29 | 12.4% | 29 | 12.4% | 29 | 12.4% |
| 2013 | 86 | 31.9% | 85 | 31.5% | 81 | 30.0% | 81 | 30.0% | 26 | 12.2% | 26 | 12.2% | 26 | 12.2% | 26 | 12.2% |
| Boston–Brighton High School | 2012 | 58 | 9.6% | 55 | 9.1% | 54 | 9.0% | 54 | 9.0% | 36 | 4.8% | 36 | 4.8% | 33 | 4.4% | 33 | 4.4% |
| 2013 | 65 | 13.1% | 64 | 12.9% | 60 | 12.0% | 60 | 12.0% | 43 | 7.4% | 40 | 6.9% | 37 | 6.4% | 37 | 6.4% |
| Boston–Community Academy of Science and Health | 2012 | 31 | 14.3% | 30 | 13.8% | 25 | 11.5% | 25 | 11.5% | 29 | 12.8% | 27 | 11.9% | 24 | 10.6% | 24 | 10.6% |
| 2013 | 42 | 19.8% | 36 | 17.0% | 34 | 16.0% | 34 | 16.0% | 26 | 12.9% | 22 | 10.9% | 20 | 9.9% | 20 | 9.9% |
| Boston–East Boston High School | 2012 | 76 | 10.8% | 75 | 10.7% | 71 | 10.1% | 71 | 10.1% | 44 | 5.2% | 42 | 5.0% | 39 | 4.6% | 39 | 4.6% |
| 2013 | 85 | 14.8% | 83 | 14.4% | 80 | 13.9% | 80 | 13.9% | 54 | 7.6% | 52 | 7.3% | 48 | 6.8% | 48 | 6.8% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 49 | 32.2% | 48 | 31.6% | 48 | 31.6% | 48 | 31.6% | 17 | 22.1% | 16 | 20.8% | 15 | 19.5% | 15 | 19.5% |
| 2013 | 31 | 17.1% | 30 | 16.6% | 30 | 16.6% | 30 | 16.6% | 9 | 10.5% | — | — | — | — | — | — |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 128 | 16.7% | 128 | 16.7% | 127 | 16.6% | 127 | 16.6% | 76 | 12.6% | 76 | 12.6% | 73 | 12.1% | 73 | 12.1% |
| 2013 | 145 | 19.7% | 140 | 19.0% | 137 | 18.6% | 137 | 18.6% | 88 | 15.1% | 87 | 14.9% | 86 | 14.8% | 86 | 14.8% |
| Boston–New Mission High School | 2012 | 38 | 28.4% | 37 | 27.6% | 37 | 27.6% | 37 | 27.6% | 21 | 15.8% | 20 | 15.0% | 20 | 15.0% | 20 | 15.0% |
| 2013 | 54 | 40.3% | 51 | 38.1% | 50 | 37.3% | 50 | 37.3% | 33 | 25.2% | 31 | 23.7% | 28 | 21.4% | 28 | 21.4% |
| Boston Collegiate Charter School | 2012 | 25 | 7.6% | 25 | 7.6% | 23 | 7.0% | 23 | 7.0% | 19 | 6.5% | 19 | 6.5% | 16 | 5.5% | 16 | 5.5% |
| 2013 | 36 | 11.4% | 36 | 11.4% | 35 | 11.1% | 34 | 10.8% | 21 | 7.4% | 21 | 7.4% | 19 | 6.7% | 19 | 6.7% |
| Chelsea High School | 2012 | 92 | 12.6% | 87 | 12.0% | 82 | 11.3% | 82 | 11.3% | 36 | 4.6% | 36 | 4.6% | 35 | 4.5% | 35 | 4.5% |
| 2013 | 95 | 15.2% | 92 | 14.7% | 89 | 14.3% | 89 | 14.3% | 54 | 7.6% | 54 | 7.6% | 51 | 7.2% | 51 | 7.2% |
| Danvers High School | 2012 | 98 | 17.3% | 45 | 8.0% | 45 | 8.0% | 45 | 8.0% | 62 | 12.1% | 19 | 3.7% | 19 | 3.7% | 19 | 3.7% |
| 2013 | 117 | 22.0% | 111 | 20.9% | 111 | 20.9% | 110 | 20.7% | 68 | 13.6% | 67 | 13.4% | 67 | 13.4% | 67 | 13.4% |
| Dedham High School | 2012 | 56 | 13.9% | 55 | 13.6% | 55 | 13.6% | 55 | 13.6% | 48 | 11.8% | 47 | 11.5% | 47 | 11.5% | 47 | 11.5% |
| 2013 | 83 | 22.7% | 83 | 22.7% | 83 | 22.7% | 83 | 22.7% | 68 | 16.7% | 67 | 16.4% | 67 | 16.4% | 67 | 16.4% |
| Douglas High School | 2012 | 45 | 14.2% | 45 | 14.2% | 45 | 14.2% | 45 | 14.2% | 20 | 6.1% | 20 | 6.1% | 20 | 6.1% | 20 | 6.1% |
| 2013 | 37 | 12.8% | 37 | 12.8% | 37 | 12.8% | 37 | 12.8% | 30 | 10.2% | 30 | 10.2% | 29 | 9.9% | 28 | 9.5% |
| Dracut High School | 2012 | 57 | 9.4% | 56 | 9.2% | 56 | 9.2% | 56 | 9.2% | 37 | 5.8% | 37 | 5.8% | 37 | 5.8% | 37 | 5.8% |
| 2013 | 101 | 19.7% | 100 | 19.5% | 100 | 19.5% | 100 | 19.5% | 36 | 7.1% | 35 | 6.9% | 34 | 6.7% | 34 | 6.7% |
| Easthampton High School | 2012 | 52 | 21.1% | 52 | 21.1% | 52 | 21.1% | 52 | 21.1% | 23 | 9.7% | 23 | 9.7% | 23 | 9.7% | 23 | 9.7% |
| 2013 | 54 | 22.9% | 54 | 22.9% | 54 | 22.9% | 54 | 22.9% | 36 | 16.2% | 36 | 16.2% | 36 | 16.2% | 36 | 16.2% |
| Fall River–B.M.C. Durfee High School | 2012 | 136 | 11.5% | 63 | 5.3% | 62 | 5.2% | 62 | 5.2% | 68 | 5.7% | 33 | 2.7% | 33 | 2.7% | 33 | 2.7% |
| 2013 | 149 | 13.4% | 70 | 6.3% | 68 | 6.1% | 68 | 6.1% | 80 | 7.7% | 34 | 3.3% | 33 | 3.2% | 33 | 3.2% |
| Gill-Montague–Turner’s Falls High School | 2012 | 14 | 8.6% | 9 | 5.5% | 9 | 5.5% | 9 | 5.5% | 26 | 15.4% | 22 | 13.0% | 22 | 13.0% | 22 | 13.0% |
| 2013 | 30 | 21.6% | 27 | 19.4% | 26 | 18.7% | 26 | 18.7% | 17 | 11.8% | 13 | 9.0% | 13 | 9.0% | 13 | 9.0% |
| Greenfield High School | 2012 | 44 | 16.5% | 41 | 15.4% | 39 | 14.7% | 39 | 14.7% | 28 | 10.4% | 27 | 10.1% | 26 | 9.7% | 25 | 9.3% |
| 2013 | 38 | 15.9% | 37 | 15.5% | 37 | 15.5% | 37 | 15.5% | 38 | 15.5% | 35 | 14.3% | 33 | 13.5% | 33 | 13.5% |
| Malden High School | 2012 | 151 | 15.6% | 149 | 15.3% | 146 | 15.0% | 146 | 15.0% | 109 | 10.1% | 108 | 10.0% | 106 | 9.8% | 106 | 9.8% |
| 2013 | 154 | 17.4% | 148 | 16.8% | 144 | 16.3% | 144 | 16.3% | 98 | 10.2% | 97 | 10.1% | 96 | 10.0% | 96 | 10.0% |
| Marlborough High School | 2012 | 109 | 18.0% | 106 | 17.5% | 106 | 17.5% | 106 | 17.5% | 69 | 10.6% | 69 | 10.6% | 68 | 10.5% | 68 | 10.5% |
| 2013 | 140 | 24.6% | 137 | 24.0% | 134 | 23.5% | 134 | 23.5% | 105 | 18.5% | 101 | 17.8% | 100 | 17.6% | 100 | 17.6% |
| Mashpee High School | 2012 | 78 | 30.8% | 74 | 29.2% | 74 | 29.2% | 74 | 29.2% | 52 | 21.8% | 52 | 21.8% | 51 | 21.3% | 51 | 21.3% |
| 2013 | 76 | 34.1% | 73 | 32.7% | 73 | 32.7% | 73 | 32.7% | 39 | 18.8% | 39 | 18.8% | 39 | 18.8% | 39 | 18.8% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 60 | 15.3% | 60 | 15.3% | 60 | 15.3% | 60 | 15.3% | 37 | 10.0% | 36 | 9.8% | 36 | 9.8% | 36 | 9.8% |
| 2013 | 60 | 15.9% | 60 | 15.9% | 60 | 15.9% | 60 | 15.9% | 33 | 9.5% | 33 | 9.5% | 33 | 9.5% | 33 | 9.5% |
| Methuen High School | 2012 | 108 | 11.6% | 103 | 11.1% | 100 | 10.7% | 100 | 10.7% | 89 | 9.3% | 85 | 8.9% | 84 | 8.8% | 84 | 8.8% |
| 2013 | 106 | 12.6% | 102 | 12.1% | 102 | 12.1% | 102 | 12.1% | 64 | 7.0% | 63 | 6.9% | 61 | 6.7% | 61 | 6.7% |
| Middleborough High School | 2012 | 81 | 17.6% | 60 | 13.0% | 60 | 13.0% | 59 | 12.8% | 72 | 14.1% | 51 | 10.0% | 48 | 9.4% | 48 | 9.4% |
| 2013 | 83 | 20.1% | 50 | 12.1% | 50 | 12.1% | 50 | 12.1% | 67 | 16.4% | 40 | 9.8% | 40 | 9.8% | 40 | 9.8% |
| Narragansett Regional High School | 2012 | 29 | 11.6% | 28 | 11.2% | 28 | 11.2% | 28 | 11.2% | 13 | 6.0% | 13 | 6.0% | 13 | 6.0% | 13 | 6.0% |
| 2013 | 44 | 18.6% | 43 | 18.1% | 43 | 18.1% | 43 | 18.1% | 7 | 3.7% | — | — | — | — | — | — |
| Northampton High School | 2012 | 150 | 32.1% | 136 | 29.1% | 134 | 28.7% | 131 | 28.1% | 134 | 29.5% | 125 | 27.5% | 125 | 27.5% | 123 | 27.0% |
| 2013 | 163 | 37.9% | 155 | 36.0% | 154 | 35.8% | 151 | 35.1% | 142 | 30.7% | 130 | 28.1% | 130 | 28.1% | 130 | 28.1% |
| Northbridge High School | 2012 | 68 | 19.0% | 68 | 19.0% | 68 | 19.0% | 68 | 19.0% | 37 | 10.6% | 37 | 10.6% | 37 | 10.6% | 37 | 10.6% |
| 2013 | 94 | 27.3% | 93 | 27.0% | 93 | 27.0% | 93 | 27.0% | 31 | 9.2% | 31 | 9.2% | 31 | 9.2% | 31 | 9.2% |
| Norton High School | 2012 | 30 | 7.6% | 29 | 7.3% | 29 | 7.3% | 29 | 7.3% | 35 | 7.9% | 33 | 7.5% | 32 | 7.3% | 32 | 7.3% |
| 2013 | 36 | 11.0% | 35 | 10.7% | 35 | 10.7% | 35 | 10.7% | 34 | 9.4% | 34 | 9.4% | 32 | 8.9% | 32 | 8.9% |
| Palmer High School | 2012 | 49 | 15.1% | 49 | 15.1% | 48 | 14.8% | 47 | 14.5% | 26 | 8.9% | 26 | 8.9% | 26 | 8.9% | 26 | 8.9% |
| 2013 | 59 | 21.4% | 57 | 20.7% | 57 | 20.7% | 57 | 20.7% | 26 | 10.8% | 26 | 10.8% | 25 | 10.4% | 25 | 10.4% |
| Peabody Veteran’s Memorial High School | 2012 | 88 | 9.3% | 86 | 9.1% | 86 | 9.1% | 85 | 9.0% | 70 | 7.2% | 67 | 6.9% | 66 | 6.8% | 65 | 6.7% |
| 2013 | 100 | 11.3% | 97 | 11.0% | 97 | 11.0% | — | — | 89 | 10.0% | 84 | 9.4% | 84 | 9.4% | — | — |
| Quaboag Regional Middle High School | 2012 | 39 | 12.0% | 39 | 12.0% | 39 | 12.0% | 39 | 12.0% | 25 | 7.9% | 23 | 7.3% | 23 | 7.3% | 23 | 7.3% |
| 2013 | 52 | 18.0% | 52 | 18.0% | 52 | 18.0% | 52 | 18.0% | 18 | 6.5% | 18 | 6.5% | 18 | 6.5% | 18 | 6.5% |
| Randolph High School | 2012 | 66 | 17.7% | 65 | 17.4% | 65 | 17.4% | 65 | 17.4% | 59 | 12.3% | 57 | 11.9% | 53 | 11.1% | 53 | 11.1% |
| 2013 | 75 | 22.1% | 66 | 19.4% | 63 | 18.5% | 63 | 18.5% | 66 | 16.2% | 65 | 16.0% | 63 | 15.5% | 63 | 15.5% |
| Salem High School | 2012 | 71 | 11.2% | 69 | 10.8% | 69 | 10.8% | 69 | 10.8% | 33 | 4.9% | 33 | 4.9% | 33 | 4.9% | 33 | 4.9% |
| 2013 | 74 | 12.9% | 72 | 12.5% | 71 | 12.4% | 71 | 12.4% | 44 | 7.9% | 44 | 7.9% | 42 | 7.5% | 42 | 7.5% |
| Salem Academy Charter School | 2012 | 15 | 8.4% | 15 | 8.4% | 15 | 8.4% | 12 | 6.7% | 11 | 6.3% | 10 | 5.7% | 10 | 5.7% | 6 | 3.4% |
| 2013 | 12 | 7.3% | 11 | 6.7% | 11 | 6.7% | 11 | 6.7% | 9 | 5.5% | — | — | — | — | — | — |
| South Hadley High School | 2012 | 77 | 23.1% | 75 | 22.5% | 75 | 22.5% | 75 | 22.5% | 55 | 16.2% | 52 | 15.3% | 51 | 15.0% | 51 | 15.0% |
| 2013 | 87 | 28.2% | 87 | 28.2% | 87 | 28.2% | 86 | 27.9% | 66 | 22.2% | 61 | 20.5% | 61 | 20.5% | 61 | 20.5% |
| Springfield–Central High School | 2012 | 116 | 10.6% | 116 | 10.6% | 107 | 9.8% | — | — | 82 | 7.1% | 81 | 7.0% | 70 | 6.0% | — | — |
| 2013 | 123 | 13.0% | 123 | 13.0% | 118 | 12.5% | 118 | 12.5% | 85 | 8.8% | 84 | 8.7% | 78 | 8.0% | 78 | 8.0% |
| Springfield–High School of Science & Technology | 2012 | 25 | 3.4% | 19 | 2.6% | 19 | 2.6% | — | — | 20 | 2.4% | 17 | 2.0% | 17 | 2.0% | — | — |
| 2013 | 27 | 4.5% | 26 | 4.3% | 26 | 4.3% | 26 | 4.3% | 35 | 4.8% | 34 | 4.7% | 29 | 4.0% | 29 | 4.0% |
| Uxbridge High School | 2012 | 41 | 18.6% | 41 | 18.6% | 41 | 18.6% | 41 | 18.6% | 39 | 15.1% | 39 | 15.1% | 39 | 15.1% | 39 | 15.1% |
| 2013 | 48 | 20.8% | 47 | 20.3% | 47 | 47.0% | 47 | 20.3% | 41 | 17.2% | 41 | 17.2% | 41 | 17.2% | 41 | 17.2% |
| Ware Junior Senior High School | 2012 | 23 | 8.1% | 23 | 8.1% | 23 | 8.1% | 23 | 8.1% | 6 | 2.2% | — | — | — | — | — | — |
| 2013 | 30 | 12.5% | 28 | 11.7% | 26 | 10.8% | 26 | 10.8% | 16 | 6.8% | 15 | 6.3% | 14 | 5.9% | 14 | 5.9% |
| West Springfield High School | 2012 | 56 | 8.8% | 55 | 8.6% | 52 | 8.2% | 52 | 8.2% | 38 | 5.6% | 38 | 5.6% | 37 | 5.5% | 37 | 5.5% |
| 2013 | 108 | 19.1% | 106 | 18.7% | 101 | 17.8% | 101 | 17.8% | 16 | 2.6% | 15 | 2.5% | 14 | 2.3% | 14 | 2.3% |
| Winthrop High School | 2012 | 75 | 28.0% | 75 | 28.0% | 74 | 27.6% | 74 | 27.6% | 43 | 16.6% | 43 | 16.6% | 43 | 16.6% | 43 | 16.6% |
| 2013 | 94 | 33.0% | 94 | 33.0% | 93 | 32.6% | 93 | 32.6% | 58 | 23.3% | 58 | 23.3% | 58 | 23.3% | 58 | 23.3% |
| Worcester–Burncoat High School | 2012 | 113 | 20.0% | 109 | 19.3% | 101 | 17.9% | 101 | 17.9% | 53 | 10.0% | 53 | 10.0% | 51 | 9.6% | 51 | 9.6% |
| 2013 | 105 | 20.8% | 98 | 19.4% | 94 | 18.6% | 94 | 18.6% | 54 | 10.8% | 54 | 10.8% | 52 | 10.4% | 52 | 10.4% |
| Worcester–North High School | 2012 | 77 | 13.5% | 67 | 11.8% | 66 | 11.6% | 66 | 11.6% | 90 | 12.9% | 69 | 9.9% | 65 | 9.4% | 65 | 9.4% |
| 2013 | 97 | 16.8% | 70 | 12.1% | 67 | 11.6% | 67 | 11.6% | 92 | 13.9% | 64 | 9.7% | 64 | 9.7% | 64 | 9.7% |
| Worcester–South High Community School | 2012 | 121 | 18.9% | 119 | 18.6% | 108 | 16.8% | 108 | 16.8% | 106 | 13.7% | 105 | 13.6% | 95 | 12.3% | 95 | 12.3% |
| 2013 | 111 | 19.4% | 106 | 18.6% | 104 | 18.2% | 104 | 18.2% | 98 | 14.0% | 96 | 13.7% | 92 | 13.1% | 92 | 13.1% |
| Worcester–Technical High School | 2012 | 71 | 9.9% | 70 | 9.8% | 69 | 9.7% | 69 | 9.7% | 25 | 3.7% | 25 | 3.7% | 24 | 3.6% | 24 | 3.6% |
| 2013 | 83 | 11.7% | 79 | 11.2% | 75 | 10.6% | 75 | 10.6% | 36 | 5.7% | 35 | 5.6% | 34 | 5.4% | 34 | 5.4% |

# Appendix B

**Appendix B**

**AP Exam Taking and Passing**

**by High Needs**

**At Least One (ELA/Math/Science)**

**ELA**

**Math**

**Science**

| **Table B-1. AT LEAST 1—Number and Percentage of High-Need & Non-High-Need Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **High-Needs** | | | | | **Non-High-Needs** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of All HN Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of Non-HN Scoring ≥ 3 |
| All Schools | 2012 | 1,816 | 6.6% | 685 | 37.7% | 2.5% | 3,847 | 18.6% | 2,276 | 59.2% | 11.0% |
| 2013 | 2,263 | 9.1% | 803 | 35.5% | 3.2% | 4168 | 22.1% | 2,387 | 57.3% | 12.7% |
| Agawam High School | 2012 | 24 | 5.5% | 12 | 50.0% | 2.7% | 180 | 18.8% | 106 | 58.9% | 11.1% |
| 2013 | 35 | 8.6% | 17 | 48.6% | 4.2% | 229 | 26.0% | 126 | 55.0% | 14.3% |
| Athol High School | 2012 | 26 | 9.7% | 15 | 57.7% | 5.6% | 38 | 22.9% | 9 | 23.7% | 5.4% |
| 2013 | 25 | 11.7% | 12 | 48.0% | 5.6% | 36 | 23.8% | 15 | 41.7% | 9.9% |
| Attleboro High School | 2012 | 47 | 5.9% | 21 | 44.7% | 2.6% | 187 | 18.4% | 136 | 72.7% | 13.3% |
| 2013 | 66 | 9.3% | 31 | 47.0% | 4.3% | 240 | 25.4% | 138 | 57.5% | 14.6% |
| Bellingham High School | 2012 | 15 | 6.6% | 9 | 60.0% | 3.9% | 97 | 19.5% | 48 | 49.5% | 9.6% |
| 2013 | 10 | 4.9% | 2 | 20.0% | 1.0% | 98 | 22.0% | 57 | 58.2% | 12.8% |
| Boston–Boston Community Leadership Academy | 2012 | 70 | 15.7% | 16 | 22.9% | 3.6% | 8 | 13.1% | — | — | — |
| 2013 | 81 | 19.6% | 16 | 19.8% | 3.9% | 26 | 37.1% | 3 | 11.5% | 4.3% |
| Boston–Brighton High School | 2012 | 66 | 5.6% | 10 | 15.2% | 0.9% | 14 | 8.0% | 3 | 21.4% | 1.7% |
| 2013 | 59 | 6.5% | 13 | 22.0% | 1.4% | 17 | 10.1% | 3 | 17.6% | 1.8% |
| Boston–Community Academy of Science and Health | 2012 | 38 | 10.1% | — | — | — | 12 | 17.9% | — | — | — |
| 2013 | 42 | 12.4% | 2 | 4.8% | 0.6% | 6 | 7.9% | — | — | — |
| Boston–East Boston High School | 2012 | 42 | 3.7% | 9 | 21.4% | 0.8% | 65 | 16.1% | 12 | 18.5% | 3.0% |
| 2013 | 102 | 9.8% | 11 | 10.8% | 1.1% | 29 | 11.9% | 8 | 27.6% | 3.3% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 37 | 21.8% | 2 | 5.4% | 1.2% | 25 | 42.4% | 2 | 8.0% | 3.4% |
| 2013 | 26 | 13.0% | 3 | 11.5% | 1.5% | 17 | 25.4% | 5 | 29.4% | 7.5% |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 133 | 13.6% | 65 | 48.9% | 6.6% | 63 | 16.0% | 25 | 39.7% | 6.4% |
| 2013 | 174 | 17.2% | 82 | 47.1% | 8.1% | 51 | 16.6% | 22 | 43.1% | 7.1% |
| Boston–New Mission High School | 2012 | 41 | 18.1% | 4 | 9.8% | 1.8% | 11 | 27.5% | 1 | 9.1% | 2.5% |
| 2013 | 58 | 26.7% | 3 | 5.2% | 1.4% | 15 | 31.3% | 1 | 6.7% | 2.1% |
| Boston Collegiate Charter School | 2012 | 13 | 4.0% | 9 | 69.2% | 2.7% | 29 | 10.0% | 15 | 51.7% | 5.2% |
| 2013 | 22 | 6.9% | 10 | 45.5% | 3.1% | 31 | 11.1% | 17 | 54.8% | 6.1% |
| Chelsea High School | 2012 | 72 | 6.0% | 29 | 40.3% | 2.4% | 48 | 15.2% | 19 | 39.6% | 6.0% |
| 2013 | 113 | 10.2% | 40 | 35.4% | 3.6% | 27 | 12.1% | 12 | 44.4% | 5.4% |
| Danvers High School | 2012 | 7 | 2.3% | — | — | — | 151 | 19.6% | 115 | 76.2% | 14.9% |
| 2013 | 9 | 3.1% | — | — | — | 167 | 22.4% | 95 | 56.9% | 12.8% |
| Dedham High School | 2012 | 13 | 3.7% | 8 | 61.5% | 2.3% | 87 | 18.8% | 70 | 80.5% | 15.2% |
| 2013 | 22 | 6.9% | 10 | 45.5% | 3.1% | 123 | 27.1% | 85 | 69.1% | 18.7% |
| Douglas High School | 2012 | 4 | 2.3% | — | — | — | 60 | 12.8% | 37 | 61.7% | 7.9% |
| 2013 | 6 | 3.5% | — | — | — | 75 | 18.2% | 49 | 65.3% | 11.9% |
| Dracut High School | 2012 | 5 | 1.8% | — | — | — | 88 | 9.1% | 60 | 68.2% | 6.2% |
| 2013 | 11 | 4.8% | 6 | 54.5% | 2.6% | 121 | 15.3% | 85 | 70.2% | 10.7% |
| Easthampton High School | 2012 | 12 | 6.1% | 8 | 66.7% | 4.1% | 60 | 20.9% | 36 | 60.0% | 12.5% |
| 2013 | 18 | 9.8% | 8 | 44.4% | 4.4% | 72 | 26.2% | 32 | 44.4% | 11.6% |
| Fall River–B.M.C. Durfee High School | 2012 | 74 | 4.2% | 39 | 52.7% | 2.2% | 107 | 17.4% | 65 | 60.7% | 10.6% |
| 2013 | 100 | 6.5% | 42 | 42.0% | 2.7% | 115 | 19.0% | 67 | 58.3% | 11.1% |
| Gill-Montague–Turner’s Falls High School | 2012 | 11 | 5.8% | 8 | 72.7% | 4.2% | 19 | 13.4% | 15 | 78.9% | 10.6% |
| 2013 | 11 | 7.5% | 3 | 27.3% | 2.0% | 25 | 18.4% | 17 | 68.0% | 12.5% |
| Greenfield High School | 2012 | 26 | 7.5% | 9 | 34.6% | 2.6% | 41 | 21.8% | 17 | 41.5% | 9.0% |
| 2013 | 29 | 9.1% | 11 | 37.9% | 3.4% | 43 | 26.2% | 16 | 37.2% | 9.8% |
| Malden High School | 2012 | 140 | 9.8% | 72 | 51.4% | 5.0% | 110 | 17.7% | 58 | 52.7% | 9.3% |
| 2013 | 126 | 10.4% | 75 | 59.5% | 6.2% | 117 | 18.5% | 68 | 58.1% | 10.7% |
| Marlborough High School | 2012 | 28 | 4.4% | 11 | 39.3% | 1.7% | 144 | 23.3% | 105 | 72.9% | 17.0% |
| 2013 | 45 | 8.1% | 18 | 40.0% | 3.2% | 185 | 31.7% | 109 | 58.9% | 18.7% |
| Mashpee High School | 2012 | 14 | 7.5% | 5 | 35.7% | 2.7% | 95 | 31.1% | 35 | 36.8% | 11.5% |
| 2013 | 21 | 13.2% | 7 | 33.3% | 4.4% | 84 | 31.0% | 36 | 42.9% | 13.3% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 4 | 3.0% | — | — | — | 91 | 14.5% | 79 | 86.8% | 12.6% |
| 2013 | 3 | 1.9% | — | — | — | 90 | 15.8% | 75 | 83.3% | 13.2% |
| Methuen High School | 2012 | 56 | 6.9% | 16 | 28.6% | 2.0% | 250 | 23.3% | 109 | 43.6% | 10.2% |
| 2013 | 78 | 9.4% | 25 | 32.1% | 3.0% | 233 | 25.1% | 110 | 47.2% | 11.9% |
| Middleborough High School | 2012 | 31 | 8.1% | 16 | 51.6% | 4.2% | 109 | 18.6% | 66 | 60.6% | 11.3% |
| 2013 | 28 | 9.1% | 11 | 39.3% | 3.6% | 114 | 22.2% | 62 | 54.4% | 12.1% |
| Narragansett Regional High School | 2012 | 9 | 5.8% | — | — | — | 59 | 19.1% | 38 | 64.4% | 12.3% |
| 2013 | 1 | 1.7% | — | — | — | 66 | 18.1% | 45 | 68.2% | 12.3% |
| Northampton High School | 2012 | 33 | 10.5% | 20 | 60.6% | 6.4% | 221 | 36.3% | 181 | 81.9% | 29.8% |
| 2013 | 42 | 14.8% | 25 | 59.5% | 8.8% | 236 | 38.8% | 187 | 79.2% | 30.7% |
| Northbridge High School | 2012 | 10 | 3.8% | 7 | 70.0% | 2.7% | 88 | 19.9% | 52 | 59.1% | 11.8% |
| 2013 | 18 | 7.6% | 9 | 50.0% | 3.8% | 103 | 23.3% | 69 | 67.0% | 15.6% |
| Norton High School | 2012 | 8 | 3.5% | — | — | — | 136 | 22.4% | 95 | 69.9% | 15.7% |
| 2013 | 7 | 3.7% | — | — | — | 106 | 21.3% | 67 | 63.2% | 13.5% |
| Palmer High School | 2012 | 13 | 4.9% | 4 | 30.8% | 1.5% | 61 | 17.2% | 29 | 47.5% | 8.2% |
| 2013 | 14 | 6.9% | 6 | 42.9% | 3.0% | 61 | 19.5% | 35 | 57.4% | 11.2% |
| Peabody Veteran’s Memorial High School | 2012 | 19 | 2.4% | 13 | 68.4% | 1.7% | 186 | 16.4% | 137 | 73.7% | 12.0% |
| 2013 | 25 | 3.6% | 17 | 68.0% | 2.4% | 216 | 20.0% | 157 | 72.7% | 14.6% |
| Quaboag Regional Middle High School | 2012 | 14 | 4.6% | 8 | 57.1% | 2.6% | 46 | 13.5% | 36 | 78.3% | 10.6% |
| 2013 | 16 | 5.8% | 8 | 50.0% | 2.9% | 52 | 17.8% | 33 | 63.5% | 11.3% |
| Randolph High School | 2012 | 57 | 10.7% | 24 | 42.1% | 4.5% | 62 | 19.5% | 31 | 50.0% | 9.7% |
| 2013 | 63 | 13.5% | 26 | 41.3% | 5.6% | 65 | 23.3% | 37 | 56.9% | 13.3% |
| Salem High School | 2012 | 27 | 3.1% | 18 | 66.7% | 2.0% | 75 | 17.9% | 51 | 68.0% | 12.1% |
| 2013 | 39 | 5.3% | 19 | 48.7% | 2.6% | 76 | 19.0% | 48 | 63.2% | 12.0% |
| Salem Academy Charter School | 2012 | 11 | 5.1% | 4 | 36.4% | 1.9% | 8 | 5.7% | — | — | — |
| 2013 | 8 | 4.8% | — | — | — | 12 | 7.5% | 7 | 58.3% | 4.4% |
| South Hadley High School | 2012 | 21 | 9.8% | 8 | 38.1% | 3.7% | 105 | 22.9% | 70 | 66.7% | 15.3% |
| 2013 | 26 | 13.3% | 12 | 46.2% | 6.1% | 123 | 30.1% | 80 | 65.0% | 19.6% |
| Springfield–Central High School | 2012 | 143 | 7.9% | 46 | 32.2% | 2.6% | 92 | 20.3% | 39 | 42.4% | 8.6% |
| 2013 | 160 | 10.4% | 45 | 28.1% | 2.9% | 96 | 25.2% | 41 | 42.7% | 10.8% |
| Springfield–High School of Science & Technology | 2012 | 30 | 2.2% | 5 | 16.7% | 0.4% | 15 | 6.9% | 7 | 46.7% | 3.2% |
| 2013 | 59 | 5.2% | 8 | 13.6% | 0.7% | 21 | 10.9% | 3 | 14.3% | 1.6% |
| Uxbridge High School | 2012 | 3 | 2.2% | — | — | — | 76 | 22.4% | 58 | 76.3% | 17.1% |
| 2013 | 3 | 2.3% | — | — | — | 82 | 24.0% | 45 | 54.9% | 13.2% |
| Ware Junior Senior High School | 2012 | 7 | 2.4% | — | — | — | 24 | 9.2% | 6 | 25.0% | 2.3% |
| 2013 | 8 | 3.2% | — | — | — | 33 | 14.7% | 13 | 39.4% | 5.8% |
| West Springfield High School | 2012 | 18 | 2.5% | 6 | 33.3% | 0.8% | 75 | 12.4% | 44 | 58.7% | 7.3% |
| 2013 | 50 | 7.8% | 12 | 24.0% | 1.9% | 110 | 20.9% | 44 | 40.0% | 8.3% |
| Winthrop High School | 2012 | 25 | 11.8% | 10 | 40.0% | 4.7% | 94 | 29.8% | 47 | 50.0% | 14.9% |
| 2013 | 41 | 19.1% | 16 | 39.0% | 7.4% | 110 | 34.5% | 56 | 50.9% | 17.6% |
| Worcester–Burncoat High School | 2012 | 54 | 7.1% | 10 | 18.5% | 1.3% | 94 | 28.2% | 45 | 47.9% | 13.5% |
| 2013 | 57 | 8.0% | 20 | 35.1% | 2.8% | 90 | 30.9% | 52 | 57.8% | 17.9% |
| Worcester–North High School | 2012 | 84 | 7.7% | 23 | 27.4% | 2.1% | 27 | 14.9% | 5 | 18.5% | 2.8% |
| 2013 | 102 | 9.6% | 30 | 29.4% | 2.8% | 22 | 12.8% | 7 | 31.8% | 4.1% |
| Worcester–South High Community School | 2012 | 140 | 11.8% | 50 | 35.7% | 4.2% | 73 | 32.2% | 41 | 56.2% | 18.1% |
| 2013 | 137 | 12.9% | 48 | 35.0% | 4.5% | 56 | 26.3% | 31 | 55.4% | 14.6% |
| Worcester–Technical High School | 2012 | 41 | 4.2% | 15 | 36.6% | 1.5% | 41 | 10.0% | 17 | 41.5% | 4.1% |
| 2013 | 67 | 7.0% | 17 | 25.4% | 1.8% | 46 | 12.2% | 16 | 34.8% | 4.3% |

| **Table B-2. ELA— Number and Percentage of High-Need and Non-High-Need Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **High-Needs** | | | | | **Non-High-Needs** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of All HN Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of Non-HN Scoring ≥ 3 |
| All Schools | 2012 | 1,158 | 4.2% | 404 | 34.9% | 1.5% | 2,612 | 12.6% | 1,561 | 59.8% | 7.6% |
| 2013 | 1,458 | 5.9% | 440 | 30.2% | 1.8% | 2,841 | 15.1% | 1,594 | 56.1% | 8.4% |
| Agawam High School | 2012 | 18 | 4.1% | 6 | 33.3% | 1.4% | 137 | 14.3% | 80 | 58.4% | 8.4% |
| 2013 | 32 | 7.9% | 16 | 50.0% | 3.9% | 202 | 23.0% | 94 | 46.5% | 10.7% |
| Athol High School | 2012 | 18 | 6.7% | 10 | 55.6% | 3.7% | 28 | 16.9% | 7 | 25.0% | 4.2% |
| 2013 | 16 | 7.5% | 7 | 43.8% | 3.3% | 21 | 13.9% | 10 | 47.6% | 6.6% |
| Attleboro High School | 2012 | 19 | 2.4% | 10 | 52.6% | 1.3% | 93 | 9.1% | 64 | 68.8% | 6.3% |
| 2013 | 58 | 8.1% | 28 | 48.3% | 3.9% | 197 | 20.9% | 117 | 59.4% | 12.4% |
| Bellingham High School | 2012 | 13 | 5.7% | 9 | 69.2% | 3.9% | 82 | 16.5% | 43 | 52.4% | 8.6% |
| 2013 | 7 | 3.4% | — | — | — | 79 | 17.8% | 44 | 55.7% | 9.9% |
| Boston–Boston Community Leadership Academy | 2012 | 65 | 14.6% | 8 | 12.3% | 1.8% | 8 | 13.1% | — | — | — |
| 2013 | 60 | 14.5% | 7 | 11.7% | 1.7% | 24 | 34.3% | 2 | 8.3% | 2.9% |
| Boston–Brighton High School | 2012 | 49 | 4.2% | 6 | 12.2% | 0.5% | 13 | 7.4% | 1 | 7.7% | 0.6% |
| 2013 | 46 | 5.1% | 3 | 6.5% | 0.3% | 12 | 7.1% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 30 | 8.0% | — | — | — | 12 | 17.9% | — | — | — |
| 2013 | 33 | 9.8% | 1 | 3.0% | 0.3% | 6 | 7.9% | — | — | — |
| Boston–East Boston High School | 2012 | 36 | 3.2% | 8 | 22.2% | 0.7% | 56 | 13.9% | 9 | 16.1% | 2.2% |
| 2013 | 77 | 7.4% | 10 | 13.0% | 1.0% | 24 | 9.9% | 5 | 20.8% | 2.1% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 20 | 11.8% | 2 | 10.0% | 1.2% | 15 | 25.4% | 1 | 42.9% | 1.7% |
| 2013 | 13 | 6.5% | 2 | 15.4% | 1.0% | 7 | 10.4% | — | — | — |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 71 | 7.3% | 38 | 53.5% | 3.9% | 35 | 8.9% | 13 | 37.1% | 3.3% |
| 2013 | 91 | 9.0% | 33 | 36.3% | 3.3% | 30 | 9.7% | 12 | 40.0% | 3.9% |
| Boston–New Mission High School | 2012 | 34 | 15.0% | 3 | 8.8% | 1.3% | 8 | 20.0% | — | — | — |
| 2013 | 52 | 24.0% | 3 | 5.8% | 1.4% | 14 | 29.2% | 1 | 7.1% | 2.1% |
| Boston Collegiate Charter School | 2012 | 11 | 3.3% | 5 | 45.5% | 1.5% | 28 | 9.6% | 14 | 50.0% | 4.8% |
| 2013 | 14 | 4.4% | 7 | 50.0% | 2.2% | 27 | 9.6% | 12 | 44.4% | 4.3% |
| Chelsea High School | 2012 | 44 | 3.7% | 12 | 27.3% | 1.0% | 36 | 11.4% | 11 | 30.6% | 3.5% |
| 2013 | 78 | 7.0% | 21 | 26.9% | 1.9% | 21 | 9.4% | 7 | 33.3% | 3.1% |
| Danvers High School | 2012 | 3 | 1.0% | — | — | — | 66 | 8.6% | 54 | 81.8% | 7.0% |
| 2013 | 4 | 1.4% | — | — | — | 64 | 8.6% | 52 | 81.3% | 7.0% |
| Dedham High School | 2012 | 7 | 2.0% | — | — | — | 55 | 11.9% | 42 | 76.4% | 9.1% |
| 2013 | 4 | 1.3% | — | — | — | 55 | 12.1% | 46 | 83.6% | 10.1% |
| Douglas High School | 2012 | 1 | 0.6% | — | — | — | 28 | 6.0% | 20 | 71.4% | 4.3% |
| 2013 | 3 | 1.8% | — | — | — | 43 | 10.4% | 29 | 67.4% | 7.0% |
| Dracut High School | 2012 | 2 | 0.7% | — | — | — | 51 | 5.3% | 40 | 78.4% | 4.1% |
| 2013 | 8 | 3.5% | — | — | — | 83 | 10.5% | 55 | 66.3% | 7.0% |
| Easthampton High School | 2012 | 12 | 6.1% | 8 | 66.7% | 4.1% | 60 | 20.9% | 33 | 55.0% | 11.5% |
| 2013 | 18 | 9.8% | 7 | 38.9% | 3.8% | 72 | 26.2% | 30 | 41.7% | 10.9% |
| Fall River–B.M.C. Durfee High School | 2012 | 41 | 2.3% | 24 | 58.5% | 1.4% | 81 | 13.1% | 54 | 66.7% | 8.8% |
| 2013 | 60 | 3.9% | 29 | 48.3% | 1.9% | 84 | 13.9% | 50 | 59.5% | 8.3% |
| Gill-Montague–Turner’s Falls High School | 2012 | 5 | 2.6% | — | — | — | 10 | 7.0% | 7 | 70.0% | 4.9% |
| 2013 | 5 | 3.4% | — | — | — | 15 | 11.0% | 8 | 53.3% | 5.9% |
| Greenfield High School | 2012 | 25 | 7.2% | 7 | 28.0% | 2.0% | 37 | 19.7% | 14 | 37.8% | 7.4% |
| 2013 | 27 | 8.4% | 8 | 29.6% | 2.5% | 43 | 26.2% | 14 | 32.6% | 8.5% |
| Malden High School | 2012 | 46 | 3.2% | 28 | 60.9% | 2.0% | 57 | 9.2% | 36 | 63.2% | 5.8% |
| 2013 | 43 | 3.6% | 25 | 58.1% | 2.1% | 54 | 8.5% | 33 | 61.1% | 5.2% |
| Marlborough High School | 2012 | 18 | 2.8% | 8 | 44.4% | 1.3% | 105 | 17.0% | 81 | 77.1% | 13.1% |
| 2013 | 29 | 5.2% | 9 | 31.0% | 1.6% | 110 | 18.9% | 65 | 59.1% | 11.1% |
| Mashpee High School | 2012 | 12 | 6.4% | 4 | 33.3% | 2.1% | 73 | 23.9% | 27 | 37.0% | 8.9% |
| 2013 | 17 | 10.7% | 4 | 23.5% | 2.5% | 69 | 25.5% | 28 | 40.6% | 10.3% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 1 | 0.8% | — | — | — | 60 | 9.6% | 58 | 96.7% | 9.2% |
| 2013 | 2 | 1.3% | — | — | — | 59 | 10.4% | 52 | 88.1% | 9.2% |
| Methuen High School | 2012 | 32 | 3.9% | 11 | 34.4% | 1.4% | 155 | 14.5% | 63 | 40.6% | 5.9% |
| 2013 | 43 | 5.2% | 9 | 20.9% | 1.1% | 163 | 17.6% | 67 | 41.1% | 7.2% |
| Middleborough High School | 2012 | 14 | 3.6% | 10 | 71.4% | 2.6% | 46 | 7.8% | 37 | 80.4% | 6.3% |
| 2013 | 11 | 3.6% | 6 | 54.5% | 2.0% | 48 | 9.4% | 29 | 60.4% | 5.7% |
| Narragansett Regional High School | 2012 | 7 | 4.5% | — | — | — | 44 | 14.2% | 32 | 72.7% | 10.4% |
| 2013 | 1 | 1.7% | — | — | — | 58 | 15.9% | 36 | 62.1% | 9.9% |
| Northampton High School | 2012 | 30 | 9.6% | 17 | 56.7% | 5.4% | 188 | 30.9% | 152 | 80.9% | 25.0% |
| 2013 | 34 | 12.0% | 16 | 47.1% | 5.6% | 191 | 31.4% | 145 | 75.9% | 23.8% |
| Northbridge High School | 2012 | 7 | 2.7% | — | — | — | 53 | 12.0% | 38 | 71.7% | 8.6% |
| 2013 | 9 | 3.8% | — | — | — | 64 | 14.4% | 51 | 79.7% | 11.5% |
| Norton High School | 2012 | 7 | 3.0% | — | — | — | 120 | 19.8% | 82 | 68.3% | 13.5% |
| 2013 | 6 | 3.2% | — | — | — | 72 | 14.5% | 48 | 66.7% | 9.7% |
| Palmer High School | 2012 | 11 | 4.2% | 3 | 27.3% | 1.1% | 51 | 14.4% | 23 | 45.1% | 6.5% |
| 2013 | 11 | 5.4% | 3 | 27.3% | 1.5% | 49 | 15.7% | 28 | 57.1% | 8.9% |
| Peabody Veteran’s Memorial High School | 2012 | 8 | 1.0% | — | — | — | 93 | 8.2% | 75 | 80.6% | 6.6% |
| 2013 | 12 | 1.7% | 8 | 66.7% | 1.1% | 94 | 8.7% | 72 | 76.6% | 6.7% |
| Quaboag Regional Middle High School | 2012 | 10 | 3.3% | 5 | 50.0% | 1.7% | 37 | 10.9% | 30 | 81.1% | 8.8% |
| 2013 | 15 | 5.4% | 7 | 46.7% | 2.5% | 50 | 17.1% | 32 | 64.0% | 11.0% |
| Randolph High School | 2012 | 24 | 4.5% | 7 | 29.2% | 1.3% | 28 | 8.8% | 8 | 28.6% | 2.5% |
| 2013 | 33 | 7.1% | 6 | 18.2% | 1.3% | 38 | 13.6% | 23 | 60.5% | 8.2% |
| Salem High School | 2012 | 16 | 1.8% | 12 | 75.0% | 1.4% | 49 | 11.7% | 39 | 79.6% | 9.3% |
| 2013 | 22 | 3.0% | 13 | 59.1% | 1.8% | 50 | 12.5% | 36 | 72.0% | 9.0% |
| Salem Academy Charter School | 2012 | 9 | 4.2% | — | — | — | 7 | 5.0% | — | — | — |
| 2013 | 7 | 4.2% | — | — | — | 9 | 5.6% | — | — | — |
| South Hadley High School | 2012 | 14 | 6.5% | 5 | 35.7% | 2.3% | 87 | 19.0% | 58 | 66.7% | 12.7% |
| 2013 | 21 | 10.7% | 8 | 38.1% | 4.1% | 102 | 24.9% | 64 | 62.7% | 15.6% |
| Springfield–Central High School | 2012 | 133 | 7.4% | 42 | 31.6% | 2.3% | 89 | 19.6% | 34 | 38.2% | 7.5% |
| 2013 | 150 | 9.8% | 35 | 23.3% | 2.3% | 90 | 23.6% | 32 | 35.6% | 8.4% |
| Springfield–High School of Science & Technology | 2012 | 23 | 1.7% | 5 | 21.7% | 0.4% | 15 | 6.9% | 7 | 46.7% | 3.2% |
| 2013 | 40 | 3.5% | 4 | 10.0% | 0.4% | 16 | 8.3% | 1 | 6.3% | 0.5% |
| Uxbridge High School | 2012 | 1 | 0.7% | — | — | — | 46 | 13.5% | 35 | 76.1% | 10.3% |
| 2013 | 1 | 0.8% | — | — | — | 40 | 11.7% | 27 | 67.5% | 7.9% |
| Ware Junior Senior High School | 2012 | 7 | 2.4% | — | — | — | 18 | 6.9% | 1 | 5.6% | 0.4% |
| 2013 | 8 | 3.2% | — | — | — | 22 | 9.8% | 5 | 22.7% | 2.2% |
| West Springfield High School | 2012 | 12 | 1.7% | 4 | 33.3% | 0.6% | 66 | 10.9% | 38 | 57.6% | 6.3% |
| 2013 | 37 | 5.8% | 9 | 24.3% | 1.4% | 90 | 17.1% | 28 | 31.1% | 5.3% |
| Winthrop High School | 2012 | 12 | 5.7% | 7 | 58.3% | 3.3% | 31 | 9.8% | 29 | 93.5% | 9.2% |
| 2013 | 14 | 6.5% | 5 | 35.7% | 2.3% | 41 | 12.9% | 26 | 63.4% | 8.2% |
| Worcester–Burncoat High School | 2012 | 40 | 5.3% | 6 | 15.0% | 0.8% | 71 | 21.3% | 33 | 46.5% | 9.9% |
| 2013 | 36 | 5.0% | 8 | 22.2% | 1.1% | 65 | 22.3% | 34 | 52.3% | 11.7% |
| Worcester–North High School | 2012 | 36 | 3.3% | 5 | 13.9% | 0.5% | 17 | 9.4% | 1 | 5.9% | 0.6% |
| 2013 | 55 | 5.1% | 13 | 23.6% | 1.2% | 13 | 7.6% | 6 | 46.2% | 3.5% |
| Worcester–South High Community School | 2012 | 74 | 6.2% | 20 | 27.0% | 1.7% | 39 | 17.2% | 19 | 48.7% | 8.4% |
| 2013 | 64 | 6.0% | 24 | 37.5% | 2.3% | 33 | 15.5% | 17 | 51.5% | 8.0% |
| Worcester–Technical High School | 2012 | 30 | 3.1% | 14 | 46.7% | 1.4% | 28 | 6.8% | 14 | 50.0% | 3.4% |
| 2013 | 31 | 3.2% | 13 | 41.9% | 1.4% | 28 | 7.4% | 12 | 42.9% | 3.2% |

| **Table B-3. MATH—Number and Percentage of High-Need and Non-High-Need Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| District/School |  | **High-Needs** | | | | | **Non-High-Needs** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of All HN Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of Non-HN Scoring ≥ 3 |
| All Schools | 2012 | 682 | 2.5% | 253 | 37.1% | 0.9% | 1,428 | 6.9% | 786 | 55.0% | 3.8% |
| 2013 | 883 | 3.6% | 294 | 33.3% | 1.2% | 1,572 | 8.3% | 790 | 50.3% | 4.2% |
| Agawam High School | 2012 | 7 | 1.6% | — | — | — | 54 | 5.6% | 30 | 55.6% | 3.1% |
| 2013 | 4 | 1.0% | — | — | — | 53 | 6.0% | 30 | 56.6% | 3.4% |
| Athol High School | 2012 | 10 | 3.7% | 7 | 70.0% | 2.6% | 11 | 6.6% | 3 | 27.3% | 1.8% |
| 2013 | 7 | 3.3% | — | — | — | 11 | 7.3% | 4 | 36.4% | 2.6% |
| Attleboro High School | 2012 | 19 | 2.4% | 7 | 36.8% | 0.9% | 102 | 10.0% | 70 | 68.6% | 6.9% |
| 2013 | 20 | 2.8% | 8 | 40.0% | 1.1% | 102 | 10.8% | 44 | 43.1% | 4.7% |
| Bellingham High School | 2012 | — | — | — | — | — | 19 | 3.8% | 9 | 47.4% | 1.8% |
| 2013 | 1 | 0.5% | — | — | — | 24 | 5.4% | 11 | 45.8% | 2.5% |
| Boston–Boston Community Leadership Academy | 2012 | 22 | 4.9% | 8 | 36.4% | 1.8% | 2 | 3.3% | — | — | — |
| 2013 | 44 | 10.7% | 10 | 22.7% | 2.4% | 13 | 18.6% | 1 | 7.7% | 1.4% |
| Boston–Brighton High School | 2012 | 19 | 1.6% | 5 | 26.3% | 0.4% | 4 | 2.3% | — | — | — |
| 2013 | 27 | 3.0% | 10 | 37.0% | 1.1% | 9 | 5.3% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 19 | 5.0% | — | — | — | 5 | 7.5% | — | — | — |
| 2013 | 26 | 7.7% | 1 | 3.8% | 0.3% | 2 | 2.6% | — | — | — |
| Boston–East Boston High School | 2012 | 18 | 1.6% | 2 | 11.1% | 0.2% | 21 | 5.2% | 6 | 28.6% | 1.5% |
| 2013 | 54 | 5.2% | 3 | 5.6% | 0.3% | 12 | 4.9% | 1 | 8.3% | 0.4% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 21 | 12.4% | — | — | — | 11 | 18.6% | 1 | 9.1% | 1.7% |
| 2013 | 12 | 6.0% | 1 | 8.3% | 0.5% | 10 | 14.9% | 1 | 10.0% | 1.5% |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 58 | 5.9% | 22 | 37.9% | 2.2% | 25 | 6.4% | 10 | 40.0% | 2.5% |
| 2013 | 83 | 8.2% | 45 | 54.2% | 4.4% | 16 | 5.2% | 6 | 37.5% | 1.9% |
| Boston–New Mission High School | 2012 | 19 | 8.4% | 2 | 10.5% | 0.9% | 5 | 12.5% | — | — | — |
| 2013 | 19 | 8.8% | 2 | 10.5% | 0.9% | 6 | 12.5% | — | — | — |
| Boston Collegiate Charter School | 2012 | 4 | 1.2% | — | — | — | 3 | 1.0% | — | — | — |
| 2013 | 15 | 4.7% | 6 | 40.0% | 1.9% | 17 | 6.1% | 6 | 35.3% | 2.1% |
| Chelsea High School | 2012 | 22 | 1.8% | 3 | 13.6% | 0.3% | 15 | 4.7% | 2 | 13.3% | 0.6% |
| 2013 | 23 | 2.1% | 5 | 21.7% | 0.5% | 10 | 4.5% | 3 | 30.0% | 1.3% |
| Danvers High School | 2012 | 4 | 1.3% | — | — | — | 111 | 14.4% | 77 | 69.4% | 10.0% |
| 2013 | 7 | 2.4% | — | — | — | 123 | 16.5% | 50 | 40.7% | 6.7% |
| Dedham High School | 2012 | 6 | 1.7% | — | — | — | 47 | 10.2% | 39 | 83.0% | 8.4% |
| 2013 | 11 | 3.4% | 5 | 45.5% | 1.6% | 71 | 15.6% | 38 | 53.5% | 8.4% |
| Douglas High School | 2012 | 1 | 0.6% | — | — | — | 25 | 5.3% | 17 | 68.0% | 3.6% |
| 2013 | 4 | 2.4% | — | — | — | 46 | 11.2% | 26 | 56.5% | 6.3% |
| Dracut High School | 2012 | 2 | 0.7% | — | — | — | 30 | 3.1% | 18 | 60.0% | 1.9% |
| 2013 | 2 | 0.9% | — | — | — | 29 | 3.7% | 25 | 86.2% | 3.2% |
| Easthampton High School | 2012 | 4 | 2.0% | — | — | — | 10 | 3.5% | 10 | 100.0% | 3.5% |
| 2013 | 2 | 1.1% | — | — | — | 8 | 2.9% | — | — | — |
| Fall River–B.M.C. Durfee High School | 2012 | 21 | 1.2% | 12 | 57.1% | 0.7% | 30 | 4.9% | 16 | 53.3% | 2.6% |
| 2013 | 39 | 2.5% | 19 | 48.7% | 1.2% | 35 | 5.8% | 22 | 62.9% | 3.6% |
| Gill-Montague–Turner’s Falls High School | 2012 | 8 | 4.2% | — | — | — | 9 | 6.3% | — | — | — |
| 2013 | 7 | 4.8% | — | — | — | 10 | 7.4% | 8 | 80.0% | 5.9% |
| Greenfield High School | 2012 | 8 | 2.3% | — | — | — | 15 | 8.0% | 6 | 40.0% | 3.2% |
| 2013 | 7 | 2.2% | — | — | — | 11 | 6.7% | 6 | 54.5% | 3.7% |
| Malden High School | 2012 | 67 | 4.7% | 34 | 50.7% | 2.4% | 44 | 7.1% | 16 | 36.4% | 2.6% |
| 2013 | 57 | 4.7% | 35 | 61.4% | 2.9% | 64 | 10.1% | 33 | 51.6% | 5.2% |
| Marlborough High School | 2012 | 5 | 0.8% | — | — | — | 41 | 6.6% | 29 | 70.7% | 4.7% |
| 2013 | 7 | 1.3% | — | — | — | 61 | 10.5% | 30 | 49.2% | 5.1% |
| Mashpee High School | 2012 | 5 | 2.7% | — | — | — | 29 | 9.5% | 7 | 24.1% | 2.3% |
| 2013 | 7 | 4.4% | — | — | — | 41 | 15.1% | 9 | 22.0% | 3.3% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 2 | 1.5% | — | — | — | 28 | 4.5% | 23 | 82.1% | 3.7% |
| 2013 | 1 | 0.6% | — | — | — | 40 | 7.0% | 34 | 85.0% | 6.0% |
| Methuen High School | 2012 | 15 | 1.8% | 5 | 33.3% | 0.6% | 76 | 7.1% | 37 | 48.7% | 3.5% |
| 2013 | 21 | 2.5% | 12 | 57.1% | 1.4% | 49 | 5.3% | 25 | 51.0% | 2.7% |
| Middleborough High School | 2012 | 18 | 4.7% | 5 | 27.8% | 1.3% | 59 | 10.1% | 27 | 45.8% | 4.6% |
| 2013 | 10 | 3.3% | 3 | 30.0% | 1.0% | 60 | 11.7% | 29 | 48.3% | 5.7% |
| Narragansett Regional High School | 2012 | 3 | 1.9% | — | — | — | 21 | 6.8% | 9 | 42.9% | 2.9% |
| 2013 | — | — | — | — | — | 30 | 8.2% | 13 | 43.3% | 3.6% |
| Northampton High School | 2012 | 7 | 2.2% | — | — | — | 71 | 11.7% | 53 | 74.6% | 8.7% |
| 2013 | 8 | 2.8% | — | — | — | 76 | 12.5% | 51 | 67.1% | 8.4% |
| Northbridge High School | 2012 | 2 | 0.8% | — | — | — | 27 | 6.1% | 14 | 51.9% | 3.2% |
| 2013 | 7 | 3.0% | — | — | — | 26 | 5.9% | 12 | 46.2% | 2.7% |
| Norton High School | 2012 | 4 | 1.7% | — | — | — | 44 | 7.3% | 17 | 38.6% | 2.8% |
| 2013 | 4 | 2.1% | — | — | — | 41 | 8.2% | 15 | 36.6% | 3.0% |
| Palmer High School | 2012 | 3 | 1.1% | — | — | — | 21 | 5.9% | 10 | 47.6% | 2.8% |
| 2013 | 7 | 3.4% | — | — | — | 31 | 9.9% | 16 | 51.6% | 5.1% |
| Peabody Veteran’s Memorial High School | 2012 | 9 | 1.2% | — | — | — | 66 | 5.8% | 50 | 75.8% | 4.4% |
| 2013 | 8 | 1.1% | — | — | — | 67 | 6.2% | 52 | 77.6% | 4.8% |
| Quaboag Regional Middle High School | 2012 | 7 | 2.3% | — | — | — | 14 | 4.1% | 11 | 78.6% | 3.2% |
| 2013 | 4 | 1.4% | — | — | — | 19 | 6.5% | 6 | 31.6% | 2.1% |
| Randolph High School | 2012 | 32 | 6.0% | 14 | 43.8% | 2.6% | 44 | 13.8% | 17 | 38.6% | 5.3% |
| 2013 | 35 | 7.5% | 10 | 28.6% | 2.1% | 33 | 11.8% | 8 | 24.2% | 2.9% |
| Salem High School | 2012 | 10 | 1.1% | 7 | 70.0% | 0.8% | 31 | 7.4% | 18 | 58.1% | 4.3% |
| 2013 | 12 | 1.6% | 2 | 16.7% | 0.3% | 21 | 5.2% | 5 | 23.8% | 1.2% |
| Salem Academy Charter School | 2012 | 4 | 1.9% | — | — | — | 5 | 3.5% | — | — | — |
| 2013 | 4 | 2.4% | — | — | — | 7 | 4.4% | — | — | — |
| South Hadley High School | 2012 | 9 | 4.2% | — | — | — | 46 | 10.0% | 21 | 45.7% | 4.6% |
| 2013 | 6 | 3.1% | — | — | — | 41 | 10.0% | 32 | 78.0% | 7.8% |
| Springfield–Central High School | 2012 | 33 | 1.8% | 10 | 30.3% | 0.6% | 32 | 7.0% | 14 | 43.8% | 3.1% |
| 2013 | 56 | 3.6% | 15 | 26.8% | 1.0% | 42 | 11.0% | 17 | 40.5% | 4.5% |
| Springfield–High School of Science & Technology | 2012 | 2 | 0.1% | — | — | — | 5 | 2.3% | — | — | — |
| 2013 | 15 | 1.3% | 4 | 26.7% | 0.4% | 6 | 3.1% | — | — | — |
| Uxbridge High School | 2012 | — | — | — | — | — | 26 | 7.6% | 23 | 88.5% | 6.8% |
| 2013 | 1 | 0.8% | — | — | — | 39 | 11.4% | 23 | 59.0% | 6.7% |
| Ware Junior Senior High School | 2012 | — | — | — | — | — | 2 | 0.8% | — | — | — |
| 2013 | 1 | 0.4% | — | — | — | 8 | 3.6% | — | — | — |
| West Springfield High School | 2012 | 1 | 0.1% | — | — | — | 13 | 2.1% | 13 | 100.0% | 2.1% |
| 2013 | 9 | 1.4% | — | — | — | 20 | 3.8% | 14 | 70.0% | 2.7% |
| Winthrop High School | 2012 | 7 | 3.3% | — | — | — | 37 | 11.7% | 15 | 40.5% | 4.8% |
| 2013 | 18 | 8.4% | 7 | 38.9% | 3.3% | 54 | 16.9% | 26 | 48.1% | 8.2% |
| Worcester–Burncoat High School | 2012 | 12 | 1.6% | 1 | 8.3% | 0.1% | 30 | 9.0% | 7 | 23.3% | 2.1% |
| 2013 | 15 | 2.1% | 2 | 13.3% | 0.3% | 16 | 5.5% | 12 | 75.0% | 4.1% |
| Worcester–North High School | 2012 | 38 | 3.5% | 9 | 23.7% | 0.8% | 12 | 6.6% | 2 | 16.7% | 1.1% |
| 2013 | 65 | 6.1% | 10 | 15.4% | 0.9% | 13 | 7.6% | 3 | 23.1% | 1.7% |
| Worcester–South High Community School | 2012 | 82 | 6.9% | 34 | 41.5% | 2.9% | 39 | 17.2% | 21 | 53.8% | 9.3% |
| 2013 | 69 | 6.5% | 21 | 30.4% | 2.0% | 33 | 15.5% | 18 | 54.5% | 8.5% |
| Worcester–Technical High School | 2012 | 13 | 1.3% | 1 | 7.7% | 0.1% | 11 | 2.7% | 1 | 9.1% | 0.2% |
| 2013 | 22 | 2.3% | 4 | 18.2% | 0.4% | 16 | 4.3% | 5 | 31.3% | 1.3% |

| **Table B-4. SCIENCE—Number and Percentage of High-Need and Non-High-Need Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **High-Needs** | | | | | **Non-High-Needs** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of All HN Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % of Non-HN Scoring ≥ 3 |
| All Schools | 2012 | 616 | 2.2% | 213 | 34.6% | 0.8% | 1,372 | 6.6% | 714 | 52.0% | 3.5% |
| 2013 | 787 | 3.2% | 296 | 37.6% | 1.2% | 1,544 | 8.2% | 848 | 54.9% | 4.5% |
| Agawam High School | 2012 | 10 | 2.3% | 6 | 60.0% | 1.4% | 65 | 6.8% | 37 | 56.9% | 3.9% |
| 2013 | 9 | 2.2% | — | — | — | 72 | 8.2% | 53 | 73.6% | 6.0% |
| Athol High School | 2012 | 10 | 3.7% | 1 | 10.0% | 0.4% | 9 | 5.4% | — | — | — |
| 2013 | 7 | 3.3% | — | — | — | 13 | 8.6% | 5 | 38.5% | 3.3% |
| Attleboro High School | 2012 | 26 | 3.3% | 9 | 34.6% | 1.1% | 93 | 9.1% | 56 | 60.2% | 5.5% |
| 2013 | 12 | 1.7% | 6 | 50.0% | 0.8% | 50 | 5.3% | 32 | 64.0% | 3.4% |
| Bellingham High School | 2012 | 3 | 1.3% | — | — | — | 39 | 7.8% | 7 | 17.9% | 1.4% |
| 2013 | 6 | 2.9% | — | — | — | 38 | 8.5% | 19 | 50.0% | 4.3% |
| Boston–Boston Community Leadership Academy | 2012 | 12 | 2.7% | 2 | 16.7% | 0.4% | — | — | — | — | — |
| 2013 | 16 | 3.9% | 3 | 18.8% | 0.7% | 2 | 2.9% | — | — | — |
| Boston–Brighton High School | 2012 | 28 | 2.4% | 1 | 3.6% | 0.1% | 7 | 4.0% | — | — | — |
| 2013 | 7 | 0.8% | — | — | — | 3 | 1.8% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 7 | 1.9% | — | — | — | 4 | 6.0% | — | — | — |
| 2013 | 11 | 3.3% | — | — | — | 2 | 2.6% | — | — | — |
| Boston–East Boston High School | 2012 | 10 | 0.9% | — | — | — | 17 | 4.2% | 1 | 5.9% | 0.2% |
| 2013 | 38 | 3.7% | 3 | 7.9% | 0.3% | 13 | 5.3% | 3 | 23.1% | 1.2% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 6 | 3.5% | — | — | — | 7 | 11.9% | — | — | — |
| 2013 | 9 | 4.5% | — | — | — | 8 | 11.9% | — | — | — |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 50 | 5.1% | 26 | 52.0% | 2.7% | 22 | 5.6% | 6 | 27.3% | 1.5% |
| 2013 | 53 | 5.2% | 23 | 43.4% | 2.3% | 21 | 6.8% | 7 | 33.3% | 2.3% |
| Boston–New Mission High School | 2012 | 14 | 6.2% | 1 | 7.1% | 0.4% | 5 | 12.5% | — | — | — |
| 2013 | 15 | 6.9% | — | — | — | 5 | 10.4% | — | — | — |
| Boston Collegiate Charter School | 2012 | — | — | — | — | — | — | — | — | — | — |
| 2013 | — | — | — | — | — | — | — | — | — | — |
| Chelsea High School | 2012 | 26 | 2.2% | 16 | 61.5% | 1.3% | 17 | 5.4% | 9 | 52.9% | 2.8% |
| 2013 | 50 | 4.5% | 22 | 44.0% | 2.0% | 13 | 5.8% | 9 | 69.2% | 4.0% |
| Danvers High School | 2012 | 1 | 0.3% | — | — | — | 38 | 4.9% | 21 | 55.3% | 2.7% |
| 2013 | — | — | — | — | — | 53 | 7.1% | 36 | 67.9% | 4.8% |
| Dedham High School | 2012 | 1 | 0.3% | — | — | — | 17 | 3.7% | 11 | 64.7% | 2.4% |
| 2013 | 11 | 3.4% | 5 | 45.5% | 1.6% | 44 | 9.7% | 27 | 61.4% | 5.9% |
| Douglas High School | 2012 | 3 | 1.7% | — | — | — | 20 | 4.3% | 5 | 25.0% | 1.1% |
| 2013 | 3 | 1.8% | — | — | — | 27 | 6.6% | 20 | 74.1% | 4.9% |
| Dracut High School | 2012 | 2 | 0.7% | — | — | — | 47 | 4.9% | 22 | 46.8% | 2.3% |
| 2013 | 5 | 2.2% | — | — | — | 48 | 6.1% | 29 | 60.4% | 3.7% |
| Easthampton High School | 2012 | 1 | 0.5% | — | — | — | 7 | 2.4% | — | — | — |
| 2013 | 3 | 1.6% | — | — | — | 5 | 1.8% | — | — | — |
| Fall River–B.M.C. Durfee High School | 2012 | 30 | 1.7% | 11 | 36.7% | 0.6% | 33 | 5.4% | 12 | 36.4% | 1.9% |
| 2013 | 40 | 2.6% | 5 | 12.5% | 0.3% | 28 | 4.6% | 8 | 28.6% | 1.3% |
| Gill-Montague–Turner’s Falls High School | 2012 | — | — | — | — | — | 3 | 2.1% | — | — | — |
| 2013 | 1 | 0.7% | — | — | — | 8 | 5.9% | — | — | — |
| Greenfield High School | 2012 | 2 | 0.6% | — | — | — | 10 | 5.3% | 1 | 10.0% | 0.5% |
| 2013 | 4 | 1.3% | — | — | — | 5 | 3.0% | — | — | — |
| Malden High School | 2012 | 94 | 6.6% | 40 | 42.6% | 2.8% | 53 | 8.5% | 19 | 35.8% | 3.1% |
| 2013 | 85 | 7.0% | 47 | 55.3% | 3.9% | 65 | 10.3% | 34 | 52.3% | 5.4% |
| Marlborough High School | 2012 | 8 | 1.3% | — | — | — | 54 | 8.7% | 41 | 75.9% | 6.6% |
| 2013 | 24 | 4.3% | 11 | 45.8% | 2.0% | 82 | 14.1% | 52 | 63.4% | 8.9% |
| Mashpee High School | 2012 | 3 | 1.6% | — | — | — | 42 | 13.8% | 17 | 40.5% | 5.6% |
| 2013 | 8 | 5.0% | — | — | — | 33 | 12.2% | 13 | 39.4% | 4.8% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 1 | 0.8% | — | — | — | 43 | 6.8% | 25 | 58.1% | 4.0% |
| 2013 | 1 | 0.6% | — | — | — | 38 | 6.7% | 32 | 84.2% | 5.6% |
| Methuen High School | 2012 | 24 | 3.0% | 4 | 16.7% | 0.5% | 131 | 12.2% | 65 | 49.6% | 6.1% |
| 2013 | 49 | 5.9% | 16 | 32.7% | 1.9% | 94 | 10.1% | 41 | 43.6% | 4.4% |
| Middleborough High School | 2012 | 7 | 1.8% | — | — | — | 29 | 4.9% | 16 | 55.2% | 2.7% |
| 2013 | 12 | 3.9% | 3 | 25.0% | 1.0% | 44 | 8.6% | 17 | 38.6% | 3.3% |
| Narragansett Regional High School | 2012 | 1 | 0.6% | — | — | — | 16 | 5.2% | 14 | 87.5% | 4.5% |
| 2013 | — | — | — | — | — | 25 | 6.8% | 15 | 60.0% | 4.1% |
| Northampton High School | 2012 | 10 | 3.2% | 5 | 50.0% | 1.6% | 106 | 17.4% | 94 | 88.7% | 15.5% |
| 2013 | 10 | 3.5% | 8 | 80.0% | 2.8% | 100 | 16.4% | 83 | 83.0% | 13.6% |
| Northbridge High School | 2012 | 3 | 1.1% | — | — | — | 36 | 8.1% | 13 | 36.1% | 2.9% |
| 2013 | 4 | 1.7% | — | — | — | 40 | 9.0% | 17 | 42.5% | 3.8% |
| Norton High School | 2012 | 1 | 0.4% | — | — | — | 19 | 3.1% | 15 | 78.9% | 2.5% |
| 2013 | 2 | 1.1% | — | — | — | 40 | 8.0% | 27 | 67.5% | 5.4% |
| Palmer High School | 2012 | — | — | — | — | — | 6 | 1.7% | — | — | — |
| 2013 | — | — | — | — | — | 10 | 3.2% | 5 | 50.0% | 1.6% |
| Peabody Veteran’s Memorial High School | 2012 | 13 | 1.7% | 7 | 53.8% | 0.9% | 90 | 7.9% | 59 | 65.6% | 5.2% |
| 2013 | 15 | 2.2% | 12 | 80.0% | 1.7% | 126 | 11.7% | 75 | 59.5% | 7.0% |
| Quaboag Regional Middle High School | 2012 | 2 | 0.7% | — | — | — | 7 | 2.1% | — | — | — |
| 2013 | 2 | 0.7% | — | — | — | 10 | 3.4% | 5 | 50.0% | 1.7% |
| Randolph High School | 2012 | 17 | 3.2% | 8 | 47.1% | 1.5% | 23 | 7.2% | 15 | 65.2% | 4.7% |
| 2013 | 20 | 4.3% | 14 | 70.0% | 3.0% | 31 | 11.1% | 21 | 67.7% | 7.5% |
| Salem High School | 2012 | 14 | 1.6% | 8 | 57.1% | 0.9% | 33 | 7.9% | 24 | 72.7% | 5.7% |
| 2013 | 17 | 2.3% | 7 | 41.2% | 1.0% | 34 | 8.5% | 20 | 58.8% | 5.0% |
| Salem Academy Charter School | 2012 | — | — | — | — | — | — | — | — | — | — |
| 2013 | — | — | — | — | — | — | — | — | — | — |
| South Hadley High School | 2012 | 9 | 4.2% | — | — | — | 37 | 8.1% | 14 | 37.8% | 3.1% |
| 2013 | 12 | 6.1% | 6 | 50.0% | 3.1% | 62 | 15.2% | 21 | 33.9% | 5.1% |
| Springfield–Central High School | 2012 | 30 | 1.7% | 9 | 30.0% | 0.5% | 17 | 3.7% | 4 | 23.5% | 0.9% |
| 2013 | 24 | 1.6% | 6 | 25.0% | 0.4% | 18 | 4.7% | 8 | 44.4% | 2.1% |
| Springfield–High School of Science & Technology | 2012 | 14 | 1.0% | — | — | — | 2 | 0.9% | — | — | — |
| 2013 | 20 | 1.8% | 3 | 15.0% | 0.3% | 8 | 4.2% | — | — | — |
| Uxbridge High School | 2012 | 2 | 1.4% | — | — | — | 19 | 5.6% | 13 | 68.4% | 3.8% |
| 2013 | 1 | 0.8% | — | — | — | 26 | 7.6% | 9 | 34.6% | 2.6% |
| Ware Junior Senior High School | 2012 | 3 | 1.0% | — | — | — | 7 | 2.7% | — | — | — |
| 2013 | 3 | 1.2% | — | — | — | 14 | 6.2% | 9 | 64.3% | 4.0% |
| West Springfield High School | 2012 | 7 | 1.0% | — | — | — | 15 | 2.5% | 11 | 73.3% | 1.8% |
| 2013 | 17 | 2.6% | 4 | 23.5% | 0.6% | 34 | 6.5% | 13 | 38.2% | 2.5% |
| Winthrop High School | 2012 | 17 | 8.0% | 5 | 29.4% | 2.4% | 63 | 20.0% | 17 | 27.0% | 5.4% |
| 2013 | 29 | 13.5% | 8 | 27.6% | 3.7% | 65 | 20.4% | 22 | 33.8% | 6.9% |
| Worcester–Burncoat High School | 2012 | 16 | 2.1% | 3 | 18.8% | 0.4% | 34 | 10.2% | 16 | 47.1% | 4.8% |
| 2013 | 30 | 4.2% | 14 | 46.7% | 2.0% | 48 | 16.5% | 27 | 56.3% | 9.3% |
| Worcester–North High School | 2012 | 28 | 2.6% | 13 | 46.4% | 1.2% | 7 | 3.9% | — | — | — |
| 2013 | 27 | 2.5% | 16 | 59.3% | 1.5% | 6 | 3.5% | — | — | — |
| Worcester–South High Community School | 2012 | 40 | 3.4% | 13 | 32.5% | 1.1% | 16 | 7.0% | 8 | 50.0% | 3.5% |
| 2013 | 48 | 4.5% | 20 | 41.7% | 1.9% | 16 | 7.5% | 12 | 75.0% | 5.6% |
| Worcester–Technical High School | 2012 | 10 | 1.0% | 1 | 10.0% | 0.1% | 7 | 1.7% | — | — | — |
| 2013 | 27 | 2.8% | 2 | 7.4% | 0.2% | 17 | 4.5% | 4 | 23.5% | 1.1% |

# Appendix C

**Appendix C**

**AP Exam Taking and Passing**

**by Gender**

**At Least One (ELA/Math/Science)**

**ELA**

**Math**

**Science**

| **Table C-1. AT LEAST 1—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **Female** | | | | | **Male** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Females Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Males Scoring ≥ 3 |
| All Schools | 2012 | 3,437 | 14.5% | 1,691 | 49.2% | 7.1% | 2,226 | 9.1% | 1,270 | 57.1% | 5.2% |
| 2013 | 3,935 | 18.2% | 1,846 | 46.9% | 8.5% | 2,496 | 11.3% | 1,344 | 53.8% | 6.1% |
| Agawam High School | 2012 | 134 | 19.4% | 74 | 55.2% | 10.7% | 70 | 9.9% | 44 | 62.9% | 6.2% |
| 2013 | 154 | 24.7% | 75 | 48.7% | 12.0% | 110 | 16.6% | 68 | 61.8% | 10.3% |
| Athol High School | 2012 | 37 | 17.9% | 14 | 37.8% | 6.8% | 27 | 11.9% | 10 | 37.0% | 4.4% |
| 2013 | 35 | 20.0% | 14 | 40.0% | 8.0% | 26 | 13.8% | 13 | 50.0% | 6.9% |
| Attleboro High School | 2012 | 134 | 15.3% | 87 | 64.9% | 9.9% | 100 | 10.7% | 70 | 70.0% | 7.5% |
| 2013 | 185 | 22.7% | 98 | 53.0% | 12.0% | 121 | 14.4% | 71 | 58.7% | 8.4% |
| Bellingham High School | 2012 | 66 | 19.0% | 37 | 56.1% | 10.7% | 46 | 12.1% | 20 | 43.5% | 5.3% |
| 2013 | 68 | 22.5% | 37 | 54.4% | 12.3% | 40 | 11.5% | 22 | 55.0% | 6.3% |
| Boston–Boston Community Leadership Academy | 2012 | 51 | 18.7% | 9 | 17.6% | 3.3% | 27 | 11.5% | 9 | 33.3% | 3.8% |
| 2013 | 81 | 30.0% | 7 | 8.6% | 2.6% | 26 | 12.2% | 12 | 46.2% | 5.6% |
| Boston–Brighton High School | 2012 | 49 | 8.1% | 6 | 12.2% | 1.0% | 31 | 4.1% | 7 | 22.6% | 0.9% |
| 2013 | 47 | 9.4% | 11 | 23.4% | 2.2% | 29 | 5.0% | 5 | 17.2% | 0.9% |
| Boston–Community Academy of Science and Health | 2012 | 27 | 12.4% | — | — | — | 23 | 10.1% | — | — | — |
| 2013 | 30 | 14.2% | — | — | — | 18 | 8.9% | 3 | 16.7% | 1.5% |
| Boston–East Boston High School | 2012 | 69 | 9.8% | 15 | 21.7% | 2.1% | 38 | 4.5% | 6 | 15.8% | 0.7% |
| 2013 | 81 | 14.1% | 12 | 14.8% | 2.1% | 50 | 7.1% | 7 | 14.0% | 1.0% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 47 | 30.9% | 3 | 6.4% | 2.0% | 15 | 19.5% | 1 | 6.7% | 1.3% |
| 2013 | 29 | 16.0% | 7 | 24.1% | 3.9% | 14 | 16.3% | 1 | 7.1% | 1.2% |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 120 | 15.6% | 49 | 40.8% | 6.4% | 76 | 12.6% | 41 | 53.9% | 6.8% |
| 2013 | 138 | 18.7% | 59 | 42.8% | 8.0% | 87 | 14.9% | 45 | 51.7% | 7.7% |
| Boston–New Mission High School | 2012 | 33 | 24.6% | 3 | 9.1% | 2.2% | 19 | 14.3% | 2 | 10.5% | 1.5% |
| 2013 | 46 | 34.3% | 1 | 2.2% | 0.7% | 27 | 20.6% | 3 | 11.1% | 2.3% |
| Boston Collegiate Charter School | 2012 | 25 | 7.6% | 16 | 64.0% | 4.9% | 17 | 5.8% | 8 | 47.1% | 2.7% |
| 2013 | 33 | 10.4% | 16 | 48.5% | 5.1% | 20 | 7.0% | 11 | 55.0% | 3.9% |
| Chelsea High School | 2012 | 85 | 11.7% | 38 | 44.7% | 5.2% | 35 | 4.5% | 10 | 28.6% | 1.3% |
| 2013 | 89 | 14.3% | 30 | 33.7% | 4.8% | 51 | 7.2% | 22 | 43.1% | 3.1% |
| Danvers High School | 2012 | 97 | 17.2% | 73 | 75.3% | 12.9% | 61 | 11.9% | 46 | 75.4% | 9.0% |
| 2013 | 109 | 20.5% | 59 | 54.1% | 11.1% | 67 | 13.4% | 41 | 61.2% | 8.2% |
| Dedham High School | 2012 | 54 | 13.4% | 41 | 75.9% | 10.2% | 46 | 11.3% | 37 | 80.4% | 9.1% |
| 2013 | 81 | 22.1% | 54 | 66.7% | 14.8% | 64 | 15.7% | 41 | 64.1% | 10.0% |
| Douglas High School | 2012 | 44 | 13.9% | 24 | 54.5% | 7.6% | 20 | 6.1% | 14 | 70.0% | 4.3% |
| 2013 | 51 | 17.7% | 32 | 62.7% | 11.1% | 30 | 10.2% | 21 | 70.0% | 7.1% |
| Dracut High School | 2012 | 56 | 9.2% | 35 | 62.5% | 5.8% | 37 | 5.8% | 28 | 75.7% | 4.4% |
| 2013 | 100 | 19.5% | 67 | 67.0% | 13.1% | 32 | 6.3% | 24 | 75.0% | 4.8% |
| Easthampton High School | 2012 | 49 | 19.9% | 28 | 57.1% | 11.4% | 23 | 9.7% | 16 | 69.6% | 6.7% |
| 2013 | 54 | 22.9% | 22 | 40.7% | 9.3% | 36 | 16.2% | 18 | 50.0% | 8.1% |
| Fall River–B.M.C. Durfee High School | 2012 | 124 | 10.5% | 68 | 54.8% | 5.7% | 57 | 4.7% | 36 | 63.2% | 3.0% |
| 2013 | 142 | 12.8% | 71 | 50.0% | 6.4% | 73 | 7.1% | 38 | 52.1% | 3.7% |
| Gill-Montague–Turner’s Falls High School | 2012 | 9 | 5.5% | — | — | — | 21 | 12.4% | 15 | 71.4% | 8.9% |
| 2013 | 24 | 17.3% | 11 | 45.8% | 7.9% | 12 | 8.3% | 9 | 75.0% | 6.3% |
| Greenfield High School | 2012 | 40 | 15.0% | 12 | 30.0% | 4.5% | 27 | 10.1% | 14 | 51.9% | 5.2% |
| 2013 | 37 | 15.5% | 11 | 29.7% | 4.6% | 35 | 14.3% | 16 | 45.7% | 6.5% |
| Malden High School | 2012 | 144 | 14.8% | 63 | 43.8% | 6.5% | 106 | 9.8% | 67 | 63.2% | 6.2% |
| 2013 | 147 | 16.6% | 80 | 54.4% | 9.1% | 96 | 10.0% | 63 | 65.6% | 6.6% |
| Marlborough High School | 2012 | 105 | 17.4% | 69 | 65.7% | 11.4% | 67 | 10.3% | 47 | 70.1% | 7.3% |
| 2013 | 132 | 23.2% | 74 | 56.1% | 13.0% | 98 | 17.2% | 53 | 54.1% | 9.3% |
| Mashpee High School | 2012 | 66 | 26.1% | 16 | 24.2% | 6.3% | 43 | 18.0% | 24 | 55.8% | 10.0% |
| 2013 | 69 | 30.9% | 26 | 37.7% | 11.7% | 36 | 17.4% | 17 | 47.2% | 8.2% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 59 | 15.1% | 53 | 89.8% | 13.6% | 36 | 9.8% | 28 | 77.8% | 7.6% |
| 2013 | 61 | 16.2% | 50 | 82.0% | 13.3% | 32 | 9.2% | 27 | 84.4% | 7.7% |
| Methuen High School | 2012 | 177 | 19.0% | 61 | 34.5% | 6.6% | 129 | 13.6% | 64 | 49.6% | 6.7% |
| 2013 | 191 | 22.6% | 73 | 38.2% | 8.6% | 120 | 13.1% | 62 | 51.7% | 6.8% |
| Middleborough High School | 2012 | 78 | 17.0% | 42 | 53.8% | 9.1% | 62 | 12.1% | 40 | 64.5% | 7.8% |
| 2013 | 80 | 19.4% | 41 | 51.3% | 10.0% | 62 | 15.2% | 32 | 51.6% | 7.8% |
| Narragansett Regional High School | 2012 | 52 | 20.8% | 30 | 57.7% | 12.0% | 16 | 7.4% | 11 | 68.8% | 5.1% |
| 2013 | 53 | 22.4% | 36 | 67.9% | 15.2% | 14 | 7.5% | 9 | 64.3% | 4.8% |
| Northampton High School | 2012 | 133 | 28.5% | 98 | 73.7% | 21.0% | 121 | 26.6% | 103 | 85.1% | 22.6% |
| 2013 | 153 | 35.6% | 113 | 73.9% | 26.3% | 125 | 27.0% | 99 | 79.2% | 21.4% |
| Northbridge High School | 2012 | 65 | 18.2% | 37 | 56.9% | 10.4% | 33 | 9.5% | 22 | 66.7% | 6.3% |
| 2013 | 92 | 26.7% | 59 | 64.1% | 17.2% | 29 | 8.6% | 19 | 65.5% | 5.7% |
| Norton High School | 2012 | 83 | 21.0% | 58 | 69.9% | 14.7% | 61 | 13.8% | 42 | 68.9% | 9.5% |
| 2013 | 68 | 20.9% | 38 | 55.9% | 11.7% | 45 | 12.5% | 34 | 75.6% | 9.4% |
| Palmer High School | 2012 | 49 | 15.1% | 22 | 44.9% | 6.8% | 25 | 8.5% | 11 | 44.0% | 3.8% |
| 2013 | 53 | 19.2% | 26 | 49.1% | 9.4% | 22 | 9.2% | 15 | 68.2% | 6.3% |
| Peabody Veteran’s Memorial High School | 2012 | 125 | 13.3% | 86 | 68.8% | 9.1% | 80 | 8.2% | 64 | 80.0% | 6.6% |
| 2013 | 138 | 15.6% | 92 | 66.7% | 10.4% | 103 | 11.5% | 82 | 79.6% | 9.2% |
| Quaboag Regional Middle High School | 2012 | 37 | 11.4% | 26 | 70.3% | 8.0% | 23 | 7.3% | 18 | 78.3% | 5.7% |
| 2013 | 50 | 17.3% | 29 | 58.0% | 10.0% | 18 | 6.5% | 12 | 66.7% | 4.3% |
| Randolph High School | 2012 | 64 | 17.2% | 28 | 43.8% | 7.5% | 55 | 11.5% | 27 | 49.1% | 5.6% |
| 2013 | 63 | 18.5% | 27 | 42.9% | 7.9% | 65 | 16.0% | 36 | 55.4% | 8.8% |
| Salem High School | 2012 | 69 | 10.8% | 48 | 69.6% | 7.5% | 33 | 4.9% | 21 | 63.6% | 3.1% |
| 2013 | 71 | 12.4% | 44 | 62.0% | 7.7% | 44 | 7.9% | 23 | 52.3% | 4.1% |
| Salem Academy Charter School | 2012 | 13 | 7.3% | 4 | 30.8% | 2.2% | 6 | 3.4% | — | — | — |
| 2013 | 11 | 6.7% | 5 | 45.5% | 3.0% | 9 | 5.5% | — | — | — |
| South Hadley High School | 2012 | 75 | 22.5% | 47 | 62.7% | 14.1% | 51 | 15.0% | 31 | 60.8% | 9.1% |
| 2013 | 87 | 28.2% | 57 | 65.5% | 18.5% | 62 | 20.9% | 35 | 56.5% | 11.8% |
| Springfield–Central High School | 2012 | 145 | 13.2% | 51 | 35.2% | 4.7% | 90 | 7.8% | 34 | 37.8% | 2.9% |
| 2013 | 152 | 16.1% | 51 | 33.6% | 5.4% | 104 | 10.7% | 35 | 33.7% | 3.6% |
| Springfield–High School of Science & Technology | 2012 | 24 | 3.3% | 3 | 12.5% | 0.4% | 21 | 2.5% | 9 | 42.9% | 1.1% |
| 2013 | 36 | 6.0% | 5 | 13.9% | 0.8% | 44 | 6.0% | 6 | 13.6% | 0.8% |
| Uxbridge High School | 2012 | 40 | 18.2% | 25 | 62.5% | 11.4% | 39 | 15.1% | 34 | 87.2% | 13.1% |
| 2013 | 44 | 19.0% | 23 | 52.3% | 10.0% | 41 | 17.2% | 23 | 56.1% | 9.6% |
| Ware Junior Senior High School | 2012 | 23 | 8.1% | 7 | 30.4% | 2.5% | 8 | 2.9% | — | — | — |
| 2013 | 28 | 11.7% | 11 | 39.3% | 4.6% | 13 | 5.5% | 6 | 46.2% | 2.5% |
| West Springfield High School | 2012 | 54 | 8.5% | 24 | 44.4% | 3.8% | 39 | 5.8% | 26 | 66.7% | 3.8% |
| 2013 | 106 | 18.7% | 27 | 25.5% | 4.8% | 54 | 8.9% | 29 | 53.7% | 4.8% |
| Winthrop High School | 2012 | 75 | 28.0% | 34 | 45.3% | 12.7% | 44 | 17.0% | 23 | 52.3% | 8.9% |
| 2013 | 93 | 32.6% | 46 | 49.5% | 16.1% | 58 | 23.3% | 26 | 44.8% | 10.4% |
| Worcester–Burncoat High School | 2012 | 98 | 17.4% | 33 | 33.7% | 5.9% | 50 | 9.5% | 22 | 44.0% | 4.2% |
| 2013 | 94 | 18.6% | 42 | 44.7% | 8.3% | 53 | 10.6% | 30 | 56.6% | 6.0% |
| Worcester–North High School | 2012 | 62 | 10.9% | 13 | 21.0% | 2.3% | 49 | 7.1% | 15 | 30.6% | 2.2% |
| 2013 | 68 | 11.7% | 12 | 17.6% | 2.1% | 56 | 8.5% | 25 | 44.6% | 3.8% |
| Worcester–South High Community School | 2012 | 114 | 17.8% | 47 | 41.2% | 7.3% | 99 | 12.8% | 44 | 44.4% | 5.7% |
| 2013 | 103 | 18.0% | 41 | 39.8% | 7.2% | 90 | 12.9% | 38 | 42.2% | 5.4% |
| Worcester–Technical High School | 2012 | 58 | 8.1% | 26 | 44.8% | 3.6% | 24 | 3.6% | 6 | 25.0% | 0.9% |
| 2013 | 78 | 11.0% | 24 | 30.8% | 3.4% | 35 | 5.6% | 9 | 25.7% | 1.4% |

| **Table C-2. ELA—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **Female** | | | | | **Male** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Females Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Males Scoring ≥ 3 |
| All Schools | 2012 | 2,497 | 10.5% | 1,253 | 50.2% | 5.3% | 1,273 | 5.2% | 712 | 55.9% | 2.9% |
| 2013 | 2,868 | 13.3% | 1,326 | 46.2% | 6.1% | 1,431 | 6.5% | 708 | 49.5% | 3.2% |
| Agawam High School | 2012 | 114 | 16.5% | 60 | 52.6% | 8.7% | 41 | 5.8% | 26 | 63.4% | 3.7% |
| 2013 | 143 | 22.9% | 61 | 42.7% | 9.8% | 91 | 13.7% | 49 | 53.8% | 7.4% |
| Athol High School | 2012 | 29 | 14.0% | 12 | 41.4% | 5.8% | 17 | 7.5% | 5 | 29.4% | 2.2% |
| 2013 | 22 | 12.6% | 8 | 36.4% | 4.6% | 15 | 7.9% | 9 | 60.0% | 4.8% |
| Attleboro High School | 2012 | 78 | 8.9% | 49 | 62.8% | 5.6% | 34 | 3.6% | 25 | 73.5% | 2.7% |
| 2013 | 164 | 20.1% | 92 | 56.1% | 11.3% | 91 | 10.8% | 53 | 58.2% | 6.3% |
| Bellingham High School | 2012 | 60 | 17.3% | 36 | 60.0% | 10.4% | 35 | 9.2% | 16 | 45.7% | 4.2% |
| 2013 | 62 | 20.5% | 33 | 53.2% | 10.9% | 24 | 6.9% | 13 | 54.2% | 3.7% |
| Boston–Boston Community Leadership Academy | 2012 | 50 | 18.3% | 7 | 14.0% | 2.6% | 23 | 9.8% | 2 | 8.7% | 0.9% |
| 2013 | 65 | 24.1% | 4 | 6.2% | 1.5% | 19 | 8.9% | 5 | 26.3% | 2.3% |
| Boston–Brighton High School | 2012 | 39 | 6.5% | 4 | 10.3% | 0.7% | 23 | 3.1% | 3 | 13.0% | 0.4% |
| 2013 | 39 | 7.8% | 3 | 7.7% | 0.6% | 19 | 3.3% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 22 | 10.1% | — | — | — | 20 | 8.8% | — | — | — |
| 2013 | 25 | 11.8% | — | — | — | 14 | 6.9% | 2 | 14.3% | 1.0% |
| Boston–East Boston High School | 2012 | 60 | 8.6% | 13 | 21.7% | 1.9% | 32 | 3.8% | 4 | 12.5% | 0.5% |
| 2013 | 65 | 11.3% | 11 | 16.9% | 1.9% | 36 | 5.1% | 4 | 11.1% | 0.6% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 27 | 17.8% | 2 | 7.4% | 1.3% | 8 | 10.4% | — | — | — |
| 2013 | 17 | 9.4% | 5 | 29.4% | 2.8% | 3 | 3.5% | — | — | — |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 71 | 9.3% | 30 | 42.3% | 3.9% | 35 | 5.8% | 21 | 60.0% | 3.5% |
| 2013 | 84 | 11.4% | 31 | 36.9% | 4.2% | 37 | 6.3% | 14 | 37.8% | 2.4% |
| Boston–New Mission High School | 2012 | 28 | 20.9% | 2 | 7.1% | 1.5% | 14 | 10.5% | 2 | 14.3% | 1.5% |
| 2013 | 43 | 32.1% | 1 | 2.3% | 0.7% | 23 | 17.6% | 3 | 13.0% | 2.3% |
| Boston Collegiate Charter School | 2012 | 24 | 7.3% | 13 | 54.2% | 4.0% | 15 | 5.1% | 6 | 40.0% | 2.1% |
| 2013 | 29 | 9.2% | 15 | 51.7% | 4.7% | 12 | 4.2% | 4 | 33.3% | 1.4% |
| Chelsea High School | 2012 | 60 | 8.2% | 20 | 33.3% | 2.7% | 20 | 2.6% | 3 | 15.0% | 0.4% |
| 2013 | 72 | 11.5% | 19 | 26.4% | 3.0% | 27 | 3.8% | 9 | 33.3% | 1.3% |
| Danvers High School | 2012 | 51 | 9.0% | 40 | 78.4% | 7.1% | 18 | 3.5% | 16 | 88.9% | 3.1% |
| 2013 | 56 | 10.5% | 46 | 82.1% | 8.6% | 12 | 2.4% | 10 | 83.3% | 2.0% |
| Dedham High School | 2012 | 34 | 8.4% | 25 | 73.5% | 6.2% | 28 | 6.9% | 20 | 71.4% | 4.9% |
| 2013 | 42 | 11.5% | 34 | 81.0% | 9.3% | 17 | 4.2% | 15 | 88.2% | 3.7% |
| Douglas High School | 2012 | 21 | 6.6% | 14 | 66.7% | 4.4% | 8 | 2.4% | — | — | — |
| 2013 | 31 | 10.8% | 21 | 67.7% | 7.3% | 15 | 5.1% | 10 | 66.7% | 3.4% |
| Dracut High School | 2012 | 41 | 6.7% | 30 | 73.2% | 4.9% | 12 | 1.9% | 11 | 91.7% | 1.7% |
| 2013 | 78 | 15.2% | 54 | 69.2% | 10.5% | 13 | 2.6% | 5 | 38.5% | 1.0% |
| Easthampton High School | 2012 | 49 | 19.9% | 28 | 57.1% | 11.4% | 23 | 9.7% | 13 | 56.5% | 5.5% |
| 2013 | 54 | 22.9% | 21 | 38.9% | 8.9% | 36 | 16.2% | 16 | 44.4% | 7.2% |
| Fall River–B.M.C. Durfee High School | 2012 | 89 | 7.5% | 56 | 62.9% | 4.7% | 33 | 2.7% | 22 | 66.7% | 1.8% |
| 2013 | 101 | 9.1% | 56 | 55.4% | 5.1% | 43 | 4.2% | 23 | 53.5% | 2.2% |
| Gill-Montague–Turner’s Falls High School | 2012 | 4 | 2.5% | — | — | — | 11 | 6.5% | 6 | 54.5% | 3.6% |
| 2013 | 15 | 10.8% | 7 | 46.7% | 5.0% | 5 | 3.5% | — | — | — |
| Greenfield High School | 2012 | 39 | 14.7% | 11 | 28.2% | 4.1% | 23 | 8.6% | 10 | 43.5% | 3.7% |
| 2013 | 36 | 15.1% | 8 | 22.2% | 3.3% | 34 | 13.9% | 14 | 41.2% | 5.7% |
| Malden High School | 2012 | 72 | 7.4% | 40 | 55.6% | 4.1% | 31 | 2.9% | 24 | 77.4% | 2.2% |
| 2013 | 71 | 8.0% | 40 | 56.3% | 4.5% | 26 | 2.7% | 18 | 69.2% | 1.9% |
| Marlborough High School | 2012 | 81 | 13.4% | 56 | 69.1% | 9.3% | 42 | 6.5% | 33 | 78.6% | 5.1% |
| 2013 | 84 | 14.7% | 47 | 56.0% | 8.2% | 55 | 9.7% | 27 | 49.1% | 4.7% |
| Mashpee High School | 2012 | 54 | 21.3% | 14 | 25.9% | 5.5% | 31 | 13.0% | 17 | 54.8% | 7.1% |
| 2013 | 57 | 25.6% | 20 | 35.1% | 9.0% | 29 | 14.0% | 12 | 41.4% | 5.8% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 47 | 12.0% | 44 | 93.6% | 11.3% | 14 | 3.8% | 14 | 100.0% | 3.8% |
| 2013 | 45 | 11.9% | 39 | 86.7% | 10.3% | 16 | 4.6% | 15 | 93.8% | 4.3% |
| Methuen High School | 2012 | 110 | 11.8% | 35 | 31.8% | 3.8% | 77 | 8.1% | 39 | 50.6% | 4.1% |
| 2013 | 137 | 16.2% | 44 | 32.1% | 5.2% | 69 | 7.5% | 32 | 46.4% | 3.5% |
| Middleborough High School | 2012 | 38 | 8.3% | 28 | 73.7% | 6.1% | 22 | 4.3% | 19 | 86.4% | 3.7% |
| 2013 | 41 | 10.0% | 24 | 58.5% | 5.8% | 18 | 4.4% | 11 | 61.1% | 2.7% |
| Narragansett Regional High School | 2012 | 41 | 16.4% | 27 | 65.9% | 10.8% | 10 | 4.7% | 8 | 80.0% | 3.7% |
| 2013 | 48 | 20.3% | 30 | 62.5% | 12.7% | 11 | 5.9% | 6 | 54.5% | 3.2% |
| Northampton High School | 2012 | 116 | 24.8% | 86 | 74.1% | 18.4% | 102 | 22.4% | 83 | 81.4% | 18.2% |
| 2013 | 125 | 29.1% | 89 | 71.2% | 20.7% | 100 | 21.6% | 72 | 72.0% | 15.6% |
| Northbridge High School | 2012 | 49 | 13.7% | 35 | 71.4% | 9.8% | 11 | 3.2% | 9 | 81.8% | 2.6% |
| 2013 | 59 | 17.2% | 44 | 74.6% | 12.8% | 14 | 4.2% | 11 | 78.6% | 3.3% |
| Norton High School | 2012 | 80 | 20.3% | 55 | 68.8% | 13.9% | 47 | 10.7% | 32 | 68.1% | 7.3% |
| 2013 | 51 | 15.6% | 30 | 58.8% | 9.2% | 27 | 7.5% | 22 | 81.5% | 6.1% |
| Palmer High School | 2012 | 42 | 12.9% | 16 | 38.1% | 4.9% | 20 | 6.8% | 10 | 50.0% | 3.4% |
| 2013 | 41 | 14.9% | 19 | 46.3% | 6.9% | 19 | 7.9% | 12 | 63.2% | 5.0% |
| Peabody Veteran’s Memorial High School | 2012 | 71 | 7.5% | 54 | 76.1% | 5.7% | 30 | 3.1% | 28 | 93.3% | 2.9% |
| 2013 | 68 | 7.7% | 49 | 72.1% | 5.5% | 38 | 4.3% | 31 | 81.6% | 3.5% |
| Quaboag Regional Middle High School | 2012 | 30 | 9.2% | 20 | 66.7% | 6.2% | 17 | 5.4% | 15 | 88.2% | 4.7% |
| 2013 | 50 | 17.3% | 27 | 54.0% | 9.3% | 15 | 5.4% | 12 | 80.0% | 4.3% |
| Randolph High School | 2012 | 33 | 8.8% | 11 | 33.3% | 2.9% | 19 | 4.0% | 4 | 21.1% | 0.8% |
| 2013 | 43 | 12.6% | 18 | 41.9% | 5.3% | 28 | 6.9% | 11 | 39.3% | 2.7% |
| Salem High School | 2012 | 47 | 7.4% | 37 | 78.7% | 5.8% | 18 | 2.7% | 14 | 77.8% | 2.1% |
| 2013 | 54 | 9.4% | 37 | 68.5% | 6.4% | 18 | 3.2% | 12 | 66.7% | 2.2% |
| Salem Academy Charter School | 2012 | 11 | 6.1% | 4 | 36.4% | 2.2% | 5 | 2.8% | — | — | — |
| 2013 | 10 | 6.1% | 5 | 50.0% | 3.0% | 6 | 3.7% | — | — | — |
| South Hadley High School | 2012 | 65 | 19.5% | 41 | 63.1% | 12.3% | 36 | 10.6% | 22 | 61.1% | 6.5% |
| 2013 | 75 | 24.4% | 49 | 65.3% | 15.9% | 48 | 16.2% | 23 | 47.9% | 7.7% |
| Springfield–Central High School | 2012 | 139 | 12.7% | 49 | 35.3% | 4.5% | 83 | 7.2% | 27 | 32.5% | 2.3% |
| 2013 | 144 | 15.2% | 44 | 30.6% | 4.7% | 96 | 9.9% | 23 | 24.0% | 2.4% |
| Springfield–High School of Science & Technology | 2012 | 23 | 3.2% | 3 | 13.0% | 0.4% | 15 | 1.8% | 9 | 60.0% | 1.1% |
| 2013 | 33 | 5.5% | 2 | 6.1% | 0.3% | 23 | 3.2% | 3 | 13.0% | 0.4% |
| Uxbridge High School | 2012 | 28 | 12.7% | 20 | 71.4% | 9.1% | 19 | 7.3% | 16 | 84.2% | 6.2% |
| 2013 | 25 | 10.8% | 16 | 64.0% | 6.9% | 16 | 6.7% | 11 | 68.8% | 4.6% |
| Ware Junior Senior High School | 2012 | 19 | 6.7% | 2 | 10.5% | 0.7% | 6 | 2.2% | — | — | — |
| 2013 | 19 | 7.9% | 4 | 21.1% | 1.7% | 11 | 4.6% | 2 | 18.2% | 0.8% |
| West Springfield High School | 2012 | 49 | 7.7% | 22 | 44.9% | 3.4% | 29 | 4.3% | 20 | 69.0% | 3.0% |
| 2013 | 91 | 16.1% | 22 | 24.2% | 3.9% | 36 | 6.0% | 15 | 41.7% | 2.5% |
| Winthrop High School | 2012 | 32 | 11.9% | 26 | 81.3% | 9.7% | 11 | 4.2% | 10 | 90.9% | 3.9% |
| 2013 | 41 | 14.4% | 24 | 58.5% | 8.4% | 14 | 5.6% | 7 | 50.0% | 2.8% |
| Worcester–Burncoat High School | 2012 | 78 | 13.8% | 27 | 34.6% | 4.8% | 33 | 6.2% | 12 | 36.4% | 2.3% |
| 2013 | 67 | 13.2% | 24 | 35.8% | 4.7% | 34 | 6.8% | 18 | 52.9% | 3.6% |
| Worcester–North High School | 2012 | 41 | 7.2% | 5 | 12.2% | 0.9% | 12 | 1.7% | 1 | 8.3% | 0.1% |
| 2013 | 43 | 7.4% | 8 | 18.6% | 1.4% | 25 | 3.8% | 11 | 44.0% | 1.7% |
| Worcester–South High Community School | 2012 | 69 | 10.8% | 19 | 27.5% | 3.0% | 44 | 5.7% | 20 | 45.5% | 2.6% |
| 2013 | 59 | 10.3% | 23 | 39.0% | 4.0% | 38 | 5.4% | 18 | 47.4% | 2.6% |
| Worcester–Technical High School | 2012 | 42 | 5.9% | 22 | 52.4% | 3.1% | 16 | 2.4% | 6 | 37.5% | 0.9% |
| 2013 | 44 | 6.2% | 18 | 40.9% | 2.5% | 15 | 2.4% | 7 | 46.7% | 1.1% |

| **Table C-3. MATH—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| District/School |  | **Female** | | | | | **Male** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Female Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Male Scoring ≥ 3 |
| All Schools | 2012 | 1,100 | 4.6% | 489 | 44.5% | 2.1% | 1,010 | 4.1% | 550 | 54.5% | 2.2% |
| 2013 | 1,307 | 6.1% | 508 | 38.9% | 2.4% | 1,148 | 5.2% | 576 | 50.2% | 2.6% |
| Agawam High School | 2012 | 33 | 4.8% | 17 | 51.5% | 2.5% | 28 | 4.0% | 18 | 64.3% | 2.5% |
| 2013 | 29 | 4.6% | 15 | 51.7% | 2.4% | 28 | 4.2% | 17 | 60.7% | 2.6% |
| Athol High School | 2012 | 9 | 4.3% | — | — | — | 12 | % | 6 | 50.0% | 2.7% |
| 2013 | 8 | 4.6% | — | — | — | 10 | 5.3% | 3 | 30.0% | 1.6% |
| Attleboro High School | 2012 | 64 | 7.3% | 37 | 57.8% | 4.2% | 57 | 6.1% | 40 | 70.2% | 4.3% |
| 2013 | 58 | 7.1% | 23 | 39.7% | 2.8% | 64 | 7.6% | 29 | 45.3% | 3.4% |
| Bellingham High School | 2012 | 10 | 2.9% | 4 | 40.0% | 1.2% | 9 | 2.4% | — | — | — |
| 2013 | 11 | 3.6% | 6 | 54.5% | 2.0% | 14 | 4.0% | 6 | 42.9% | 1.7% |
| Boston–Boston Community Leadership Academy | 2012 | 12 | 4.4% | 3 | 25.0% | 1.1% | 12 | 5.1% | 6 | 50.0% | 2.6% |
| 2013 | 40 | 14.8% | 4 | 10.0% | 1.5% | 17 | 8.0% | 7 | 41.2% | 3.3% |
| Boston–Brighton High School | 2012 | 10 | 1.7% | 3 | 30.0% | 0.5% | 13 | 1.7% | 5 | 38.5% | 0.7% |
| 2013 | 22 | 4.4% | 8 | 36.4% | 1.6% | 14 | 2.4% | 5 | 35.7% | 0.9% |
| Boston–Community Academy of Science and Health | 2012 | 11 | 5.1% | — | — | — | 13 | 5.7% | — | — | — |
| 2013 | 17 | 8.0% | — | — | — | 11 | 5.4% | 2 | 18.2% | 1.0% |
| Boston–East Boston High School | 2012 | 22 | 3.1% | 6 | 27.3% | 0.9% | 17 | 2.0% | 2 | 11.8% | 0.2% |
| 2013 | 39 | 6.8% | 3 | 7.7% | 0.5% | 27 | 3.8% | 1 | 3.7% | 0.1% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 25 | 16.4% | 1 | 4.0% | 0.7% | 7 | 9.1% | — | — | — |
| 2013 | 12 | 6.6% | 1 | 8.3% | 0.6% | 10 | 11.6% | 1 | 10.0% | 1.2% |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 45 | 5.9% | 16 | 35.6% | 2.1% | 38 | 6.3% | 16 | 42.1% | 2.6% |
| 2013 | 49 | 6.6% | 26 | 53.1% | 3.5% | 50 | 8.6% | 25 | 50.0% | 4.3% |
| Boston–New Mission High School | 2012 | 16 | 11.9% | 2 | 12.5% | 1.5% | 8 | 6.0% | — | — | — |
| 2013 | 14 | 10.4% | — | — | — | 11 | 8.4% | 3 | 27.3% | 2.3% |
| Boston Collegiate Charter School | 2012 | 5 | 1.5% | — | — | — | 2 | 0.7% | — | — | — |
| 2013 | 17 | 5.4% | 4 | 23.5% | 1.3% | 15 | 5.3% | 8 | 53.3% | 2.8% |
| Chelsea High School | 2012 | 23 | 3.2% | 3 | 13.0% | 0.4% | 14 | 1.8% | 2 | 14.3% | 0.3% |
| 2013 | 18 | 2.9% | 6 | 33.3% | 1.0% | 15 | 2.1% | 2 | 13.3% | 0.3% |
| Danvers High School | 2012 | 63 | 11.2% | 42 | 66.7% | 7.4% | 52 | 10.1% | 37 | 71.2% | 7.2% |
| 2013 | 72 | 13.5% | 21 | 29.2% | 3.9% | 58 | 11.6% | 31 | 53.4% | 6.2% |
| Dedham High School | 2012 | 31 | 7.7% | 26 | 83.9% | 6.5% | 22 | 5.4% | 19 | 86.4% | 4.7% |
| 2013 | 41 | 11.2% | 18 | 43.9% | 4.9% | 41 | 10.0% | 25 | 61.0% | 6.1% |
| Douglas High School | 2012 | 17 | 5.4% | 11 | 64.7% | 3.5% | 9 | 2.7% | — | — | — |
| 2013 | 32 | 11.1% | 17 | 53.1% | 5.9% | 18 | 6.1% | 10 | 55.6% | 3.4% |
| Dracut High School | 2012 | 12 | 2.0% | 4 | 33.3% | 0.7% | 20 | 3.1% | 15 | 75.0% | 2.4% |
| 2013 | 19 | 3.7% | 16 | 84.2% | 3.1% | 12 | 2.4% | 11 | 91.7% | 2.2% |
| Easthampton High School | 2012 | 10 | 4.1% | 10 | 100.0% | 4.1% | 4 | 1.7% | — | — | — |
| 2013 | 5 | 2.1% | — | — | — | 5 | 2.3% | — | — | — |
| Fall River–B.M.C. Durfee High School | 2012 | 31 | 2.6% | 18 | 58.1% | 1.5% | 20 | 1.7% | 10 | 50.0% | 0.8% |
| 2013 | 43 | 3.9% | 23 | 53.5% | 2.1% | 31 | 3.0% | 18 | 58.1% | 1.7% |
| Gill-Montague–Turner’s Falls High School | 2012 | 5 | 3.1% | — | — | — | 12 | 7.1% | 10 | 83.3% | 5.9% |
| 2013 | 9 | 6.5% | — | — | — | 8 | 5.6% | — | — | — |
| Greenfield High School | 2012 | 11 | 4.1% | 3 | 27.3% | 1.1% | 12 | 4.5% | 8 | 66.7% | 3.0% |
| 2013 | 8 | 3.3% | — | — | — | 10 | 4.1% | 7 | 70.0% | 2.9% |
| Malden High School | 2012 | 58 | 6.0% | 17 | 29.3% | 1.8% | 53 | 4.9% | 33 | 62.3% | 3.0% |
| 2013 | 67 | 7.6% | 32 | 47.8% | 3.6% | 54 | 5.6% | 36 | 66.7% | 3.8% |
| Marlborough High School | 2012 | 27 | 4.5% | 17 | 63.0% | 2.8% | 19 | 2.9% | 13 | 68.4% | 2.0% |
| 2013 | 47 | 8.2% | 20 | 42.6% | 3.5% | 21 | 3.7% | 12 | 57.1% | 2.1% |
| Mashpee High School | 2012 | 19 | 7.5% | 4 | 21.1% | 1.6% | 15 | 6.3% | 4 | 26.7% | 1.7% |
| 2013 | 31 | 13.9% | 3 | 9.7% | 1.3% | 17 | 8.2% | 7 | 41.2% | 3.4% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 19 | 4.9% | 13 | 68.4% | 3.3% | 11 | 3.0% | 11 | 100.0% | 3.0% |
| 2013 | 20 | 5.3% | 16 | 80.0% | 4.2% | 21 | 6.0% | 18 | 85.7% | 5.2% |
| Methuen High School | 2012 | 42 | 4.5% | 16 | 38.1% | 1.7% | 49 | 5.1% | 26 | 53.1% | 2.7% |
| 2013 | 33 | 3.9% | 16 | 48.5% | 1.9% | 37 | 4.0% | 21 | 56.8% | 2.3% |
| Middleborough High School | 2012 | 36 | 7.8% | 15 | 41.7% | 3.2% | 41 | 8.0% | 17 | 41.5% | 3.3% |
| 2013 | 34 | 8.3% | 13 | 38.2% | 1.0% | 36 | 8.8% | 19 | 52.8% | 4.7% |
| Narragansett Regional High School | 2012 | 16 | 6.4% | 5 | 31.3% | 2.0% | 8 | 3.7% | — | — | — |
| 2013 | 25 | 10.5% | 9 | 36.0% | 3.8% | 5 | 2.7% | — | — | — |
| Northampton High School | 2012 | 33 | 7.1% | 20 | 60.6% | 4.3% | 45 | 9.9% | 36 | 80.0% | 7.9% |
| 2013 | 42 | 9.8% | 27 | 64.3% | 6.3% | 42 | 9.1% | 29 | 69.0% | 6.3% |
| Northbridge High School | 2012 | 12 | 3.4% | 7 | 58.3% | 2.0% | 17 | 4.9% | 9 | 52.9% | 2.6% |
| 2013 | 22 | 6.4% | 10 | 45.5% | 2.9% | 11 | 3.3% | 5 | 45.5% | 1.5% |
| Norton High School | 2012 | 22 | 5.6% | 8 | 36.4% | 2.0% | 26 | 5.9% | 10 | 38.5% | 2.3% |
| 2013 | 21 | 6.4% | 8 | 38.1% | 2.5% | 24 | 6.7% | 9 | 37.5% | 2.5% |
| Palmer High School | 2012 | 16 | 4.9% | 8 | 50.0% | 2.5% | 8 | 2.7% | — | — | — |
| 2013 | 23 | 8.3% | 13 | 56.5% | 4.7% | 15 | 6.3% | 8 | 53.3% | 3.3% |
| Peabody Veteran’s Memorial High School | 2012 | 36 | 3.8% | 23 | 63.9% | 2.4% | 39 | 4.0% | 33 | 84.6% | 3.4% |
| 2013 | 30 | 3.4% | 20 | 66.7% | 2.3% | 45 | 5.0% | 37 | 82.2% | 4.1% |
| Quaboag Regional Middle High School | 2012 | 9 | 2.8% | — | — | — | 12 | 3.8% | 9 | 75.0% | 2.8% |
| 2013 | 13 | 4.5% | 3 | 23.1% | 1.0% | 10 | 3.6% | 4 | 40.0% | 1.4% |
| Randolph High School | 2012 | 36 | 9.7% | 13 | 36.1% | 3.5% | 40 | 8.4% | 18 | 45.0% | 3.8% |
| 2013 | 27 | 7.9% | 4 | 14.8% | 1.2% | 41 | 10.1% | 14 | 34.1% | 3.4% |
| Salem High School | 2012 | 24 | 3.8% | 15 | 62.5% | 2.4% | 17 | 2.5% | 10 | 58.8% | 1.5% |
| 2013 | 17 | 3.0% | — | — | — | 16 | 2.9% | 7 | 43.8% | 1.3% |
| Salem Academy Charter School | 2012 | 5 | 2.8% | — | — | — | 4 | 2.3% | — | — | — |
| 2013 | 4 | 2.4% | — | — | — | 7 | 4.3% | — | — | — |
| South Hadley High School | 2012 | 32 | 9.6% | 15 | 46.9% | 4.5% | 23 | 6.8% | 12 | 52.2% | 3.5% |
| 2013 | 25 | 8.1% | 21 | 84.0% | 6.8% | 22 | 7.4% | 16 | 72.7% | 5.4% |
| Springfield–Central High School | 2012 | 35 | 3.2% | 11 | 31.4% | 1.0% | 30 | 2.6% | 13 | 43.3% | 1.1% |
| 2013 | 59 | 6.2% | 17 | 28.8% | 1.8% | 39 | 4.0% | 15 | 38.5% | 1.5% |
| Springfield–High School of Science & Technology | 2012 | 3 | 0.4% | — | — | — | 4 | 0.5% | — | — | — |
| 2013 | 5 | 0.8% | — | — | — | 16 | 2.2% | 4 | 25.0% | 0.5% |
| Uxbridge High School | 2012 | 7 | 3.2% | — | — | — | 19 | 7.3% | 17 | 89.5% | 6.6% |
| 2013 | 12 | 5.2% | 5 | 41.7% | 2.2% | 28 | 11.7% | 18 | 64.3% | 7.5% |
| Ware Junior Senior High School | 2012 | — | — | — | — | — | 2 | 0.7% | — | — | — |
| 2013 | 7 | 2.9% | — | — | — | 2 | 0.8% | — | — | — |
| West Springfield High School | 2012 | 3 | 0.5% | — | — | — | 11 | 1.6% | 11 | 100.0% | 1.6% |
| 2013 | 11 | 1.9% | 5 | 45.5% | 0.9% | 18 | 3.0% | 13 | 72.2% | 2.2% |
| Winthrop High School | 2012 | 24 | 9.0% | 7 | 29.2% | 2.6% | 20 | 7.7% | 8 | 40.0% | 3.1% |
| 2013 | 38 | 13.3% | 19 | 50.0% | 6.7% | 34 | 13.7% | 14 | 41.2% | 5.6% |
| Worcester–Burncoat High School | 2012 | 23 | 4.1% | 3 | 13.0% | 0.5% | 19 | 3.6% | 5 | 26.3% | 0.9% |
| 2013 | 14 | 2.8% | 5 | 35.7% | 1.0% | 17 | 3.4% | 9 | 52.9% | 1.8% |
| Worcester–North High School | 2012 | 22 | 3.9% | 4 | 18.2% | 0.7% | 28 | 4.0% | 7 | 25.0% | 1.0% |
| 2013 | 43 | 7.4% | 6 | 14.0% | 1.0% | 35 | 5.3% | 7 | 20.0% | 1.1% |
| Worcester–South High Community School | 2012 | 61 | 9.5% | 31 | 50.8% | 4.8% | 60 | 7.8% | 24 | 40.0% | 3.1% |
| 2013 | 49 | 8.6% | 21 | 42.9% | 3.7% | 53 | 7.6% | 18 | 34.0% | 2.6% |
| Worcester–Technical High School | 2012 | 15 | 2.1% | 2 | 13.3% | 0.3% | 9 | 1.3% | — | — | — |
| 2013 | 25 | 3.5% | 6 | 24.0% | 0.8% | 13 | 2.1% | 3 | 23.1% | 0.5% |

| **Table C-4. SCIENCE—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY12 & SY13** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **Female** | | | | | **Male** | | | | |
|  |  | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Females Scoring ≥ 3 | # Taking Exam | % Taking Exam | # Takers Scoring ≥ 3 | % Takers Scoring ≥ 3 | % Males Scoring ≥ 3 |
| All Schools | 2012 | 1,073 | 4.5% | 413 | 38.5% | 1.7% | 915 | 3.7% | 514 | 56.2% | 2.1% |
| 2013 | 1,350 | 6.3% | 578 | 42.8% | 2.7% | 981 | 4.5% | 566 | 57.7% | 2.6% |
| Agawam High School | 2012 | 44 | 6.4% | 26 | 59.1% | 3.8% | 31 | 4.4% | 17 | 54.8% | 2.4% |
| 2013 | 41 | 6.6% | 26 | 63.4% | 4.2% | 40 | 6.0% | 31 | 77.5% | 4.7% |
| Athol High School | 2012 | 9 | 4.3% | — | — | — | 10 | 4.4% | 2 | 20.0% | 0.9% |
| 2013 | 13 | 7.4% | 7 | 53.8% | 4.0% | 7 | 3.7% | — | — | — |
| Attleboro High School | 2012 | 55 | 6.3% | 29 | 52.7% | 3.3% | 64 | 6.8% | 36 | 56.3% | 3.8% |
| 2013 | 28 | 3.4% | 15 | 53.6% | 1.8% | 34 | 4.0% | 23 | 67.6% | 2.7% |
| Bellingham High School | 2012 | 19 | 5.5% | 2 | 10.5% | 0.6% | 23 | 6.1% | 5 | 21.7% | 1.3% |
| 2013 | 27 | 8.9% | 11 | 40.7% | 3.6% | 17 | 4.9% | 9 | 52.9% | 2.6% |
| Boston–Boston Community Leadership Academy | 2012 | 6 | 2.2% | — | — | — | 6 | 2.6% | — | — | — |
| 2013 | 15 | 5.6% | 2 | 13.3% | 0.7% | 3 | 1.4% | — | — | — |
| Boston–Brighton High School | 2012 | 26 | 4.3% | 2 | 7.7% | 0.3% | 9 | 1.2% | — | — | — |
| 2013 | 2 | 0.4% | — | — | — | 8 | 1.4% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 7 | 3.2% | — | — | — | 4 | 1.8% | — | — | — |
| 2013 | 8 | 3.8% | — | — | — | 5 | 2.5% | — | — | — |
| Boston–East Boston High School | 2012 | 20 | 2.9% | 1 | 5.0% | 0.1% | 7 | 0.8% | — | — | — |
| 2013 | 38 | 6.6% | 3 | 7.9% | 0.5% | 13 | 1.8% | 3 | 23.1% | 0.4% |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 13 | 8.6% | — | — | — | — | — | — | — | — |
| 2013 | 13 | 7.2% | 2 | 15.4% | 1.1% | 4 | 4.7% | — | — | — |
| Boston–John D. O’Bryant School of Mathematics and Science | 2012 | 44 | 5.7% | 14 | 31.8% | 1.8% | 28 | 4.6% | 18 | 64.3% | 3.0% |
| 2013 | 48 | 6.5% | 15 | 31.3% | 2.0% | 26 | 4.5% | 15 | 57.7% | 2.6% |
| Boston–New Mission High School | 2012 | 12 | 9.0% | — | — | — | 7 | 5.3% | — | — | — |
| 2013 | 13 | 9.7% | — | — | — | 7 | 5.3% | — | — | — |
| Boston Collegiate Charter School | 2012 | — | — | — | — | — | — | — | — | — | — |
| 2013 | — | — | — | — | — | — | — | — | — | — |
| Chelsea High School | 2012 | 32 | 4.4% | 20 | 62.5% | 2.7% | 11 | 1.4% | 5 | 45.5% | 0.6% |
| 2013 | 36 | 5.8% | 16 | 44.4% | 2.6% | 27 | 3.8% | 15 | 55.6% | 2.1% |
| Danvers High School | 2012 | 19 | 3.4% | 6 | 31.6% | 1.1% | 20 | 3.9% | 15 | 75.0% | 2.9% |
| 2013 | 35 | 6.6% | 20 | 57.1% | 3.8% | 18 | 3.6% | 16 | 88.9% | 3.2% |
| Dedham High School | 2012 | 12 | 3.0% | 7 | 58.3% | 1.7% | 6 | 1.5% | — | — | — |
| 2013 | 31 | 8.5% | 17 | 54.8% | 4.6% | 24 | 5.9% | 15 | 62.5% | 3.7% |
| Douglas High School | 2012 | 15 | 4.7% | 1 | 6.7% | 0.3% | 8 | 2.4% | — | — | — |
| 2013 | 13 | 4.5% | 9 | 69.2% | 3.1% | 17 | 5.8% | 13 | 76.5% | 4.4% |
| Dracut High School | 2012 | 23 | 3.8% | 8 | 34.8% | 1.3% | 26 | 4.1% | 16 | 61.5% | 2.5% |
| 2013 | 36 | 7.0% | 17 | 47.2% | 3.3% | 17 | 3.4% | 15 | 88.2% | 3.0% |
| Easthampton High School | 2012 | 5 | 2.0% | — | — | — | 3 | 1.3% | — | — | — |
| 2013 | 4 | 1.7% | — | — | — | 4 | 1.8% | — | — | — |
| Fall River–B.M.C. Durfee High School | 2012 | 40 | 3.4% | 13 | 32.5% | 1.1% | 23 | 1.9% | 10 | 43.5% | 0.8% |
| 2013 | 49 | 4.4% | 9 | 18.4% | 0.8% | 19 | 1.8% | 4 | 21.1% | 0.4% |
| Gill-Montague–Turner’s Falls High School | 2012 | 1 | 0.6% | — | — | — | 2 | 1.2% | — | — | — |
| 2013 | 4 | 2.9% | — | — | — | 5 | 3.5% | — | — | — |
| Greenfield High School | 2012 | 1 | 0.4% | — | — | — | 11 | 4.1% | 1 | 9.1% | 0.4% |
| 2013 | 4 | 1.7% | — | — | — | 5 | 2.0% | — | — | — |
| Malden High School | 2012 | 76 | 7.8% | 23 | 30.3% | 2.4% | 71 | 6.6% | 36 | 50.7% | 3.3% |
| 2013 | 85 | 9.6% | 39 | 45.9% | 4.4% | 65 | 6.8% | 42 | 64.6% | 4.4% |
| Marlborough High School | 2012 | 36 | 6.0% | 28 | 77.8% | 4.6% | 26 | 4.0% | 17 | 65.4% | 2.6% |
| 2013 | 62 | 10.9% | 36 | 58.1% | 6.3% | 44 | 7.7% | 27 | 61.4% | 4.7% |
| Mashpee High School | 2012 | 23 | 9.1% | 5 | 21.7% | 2.0% | 22 | 9.2% | 13 | 59.1% | 5.4% |
| 2013 | 21 | 9.4% | 5 | 23.8% | 2.2% | 20 | 9.7% | 11 | 55.0% | 5.3% |
| Mendon-Upton –Nipmuc Regional High School | 2012 | 18 | 4.6% | 10 | 55.6% | 2.6% | 26 | 7.0% | 16 | 61.5% | 4.3% |
| 2013 | 24 | 6.4% | 19 | 79.2% | 5.0% | 15 | 4.3% | 14 | 93.3% | 4.0% |
| Methuen High School | 2012 | 81 | 8.7% | 33 | 40.7% | 3.5% | 74 | 7.8% | 36 | 48.6% | 3.8% |
| 2013 | 87 | 10.3% | 30 | 34.5% | 3.6% | 56 | 6.1% | 27 | 48.2% | 2.9% |
| Middleborough High School | 2012 | 23 | 5.0% | 11 | 47.8% | 2.4% | 13 | 2.5% | 10 | 76.9% | 2.0% |
| 2013 | 34 | 8.3% | 11 | 32.4% | 2.7% | 22 | 5.4% | 9 | 40.9% | 2.2% |
| Narragansett Regional High School | 2012 | 9 | 3.6% | — | — | — | 8 | 3.7% | — | — | — |
| 2013 | 22 | 9.3% | 14 | 63.6% | 5.9% | 3 | 1.6% | — | — | — |
| Northampton High School | 2012 | 47 | 10.1% | 36 | 76.6% | 7.7% | 69 | 15.2% | 63 | 91.3% | 13.8% |
| 2013 | 54 | 12.6% | 41 | 75.9% | 9.5% | 56 | 12.1% | 50 | 89.3% | 10.8% |
| Northbridge High School | 2012 | 23 | 6.4% | 3 | 13.0% | 0.8% | 16 | 4.6% | 11 | 68.8% | 3.2% |
| 2013 | 29 | 8.4% | 12 | 41.4% | 3.5% | 15 | 4.5% | 7 | 46.7% | 2.1% |
| Norton High School | 2012 | 11 | 2.8% | 7 | 63.6% | 1.8% | 9 | 2.0% | — | — | — |
| 2013 | 25 | 7.7% | 15 | 60.0% | 4.6% | 17 | 4.7% | 14 | 82.4% | 3.9% |
| Palmer High School | 2012 | 3 | 0.9% | — | — | — | 3 | 1.0% | — | — | — |
| 2013 | 3 | 1.1% | — | — | — | 7 | 2.9% | — | — | — |
| Peabody Veteran’s Memorial High School | 2012 | 55 | 5.8% | 33 | 60.0% | 3.5% | 48 | 4.9% | 33 | 68.8% | 3.4% |
| 2013 | 76 | 8.6% | 41 | 53.9% | 4.6% | 65 | 7.3% | 46 | 70.8% | 5.2% |
| Quaboag Regional Middle High School | 2012 | 4 | 1.2% | — | — | — | 5 | 1.6% | — | — | — |
| 2013 | 8 | 2.8% | — | — | — | 4 | 1.4% | — | — | — |
| Randolph High School | 2012 | 20 | 5.4% | 10 | 50.0% | 2.7% | 20 | 4.2% | 13 | 65.0% | 2.7% |
| 2013 | 24 | 7.1% | 15 | 62.5% | 4.4% | 27 | 6.6% | 20 | 74.1% | 4.9% |
| Salem High School | 2012 | 25 | 3.9% | 15 | 60.0% | 2.4% | 22 | 3.3% | 17 | 77.3% | 2.5% |
| 2013 | 28 | 4.9% | 16 | 57.1% | 2.8% | 23 | 4.1% | 11 | 47.8% | 2.0% |
| Salem Academy Charter School | 2012 | — | — | — | — | — | — | — | — | — | — |
| 2013 | — | — | — | — | — | — | — | — | — | — |
| South Hadley High School | 2012 | 30 | 9.0% | 10 | 33.3% | 3.0% | 16 | 4.7% | 6 | 37.5% | 1.8% |
| 2013 | 47 | 15.3% | 16 | 34.0% | 5.2% | 27 | 9.1% | 11 | 40.7% | 3.7% |
| Springfield–Central High School | 2012 | 26 | 2.4% | 2 | 7.7% | 0.2% | 21 | 1.8% | 11 | 52.4% | 0.9% |
| 2013 | 27 | 2.9% | 8 | 29.6% | 0.8% | 15 | 1.5% | 6 | 40.0% | 0.6% |
| Springfield–High School of Science & Technology | 2012 | 6 | 0.8% | — | — | — | 10 | 1.2% | — | — | — |
| 2013 | 10 | 1.7% | 2 | 20.0% | 0.3% | 18 | 2.5% | 2 | 11.1% | 0.3% |
| Uxbridge High School | 2012 | 11 | 5.0% | 5 | 45.5% | 2.3% | 10 | 3.9% | 8 | 80.0% | 3.1% |
| 2013 | 14 | 6.1% | 6 | 42.9% | 2.6% | 13 | 5.4% | 4 | 30.8% | 1.7% |
| Ware Junior Senior High School | 2012 | 10 | 3.5% | 5 | 50.0% | 1.8% | — | — | — | — | — |
| 2013 | 12 | 5.0% | 8 | 66.7% | 3.3% | 5 | 2.1% | — | — | — |
| West Springfield High School | 2012 | 5 | 0.8% | — | — | — | 17 | 2.5% | 12 | 70.6% | 1.8% |
| 2013 | 32 | 5.7% | 8 | 25.0% | 1.4% | 19 | 3.1% | 9 | 47.4% | 1.5% |
| Winthrop High School | 2012 | 50 | 18.7% | 7 | 14.0% | 2.6% | 30 | 11.6% | 15 | 50.0% | 5.8% |
| 2013 | 52 | 18.2% | 13 | 25.0% | 4.6% | 42 | 16.9% | 17 | 40.5% | 6.8% |
| Worcester–Burncoat High School | 2012 | 29 | 5.1% | 8 | 27.6% | 1.4% | 21 | 4.0% | 11 | 52.4% | 2.1% |
| 2013 | 41 | 8.1% | 23 | 56.1% | 4.5% | 37 | 7.4% | 18 | 48.6% | 3.6% |
| Worcester–North High School | 2012 | 16 | 2.8% | 7 | 43.8% | 1.2% | 19 | 2.7% | 9 | 47.4% | 1.3% |
| 2013 | 15 | 2.6% | 4 | 26.7% | 0.7% | 18 | 2.7% | 14 | 77.8% | 2.1% |
| Worcester–South High Community School | 2012 | 18 | 2.8% | 5 | 27.8% | 0.8% | 38 | 4.9% | 16 | 42.1% | 2.1% |
| 2013 | 30 | 5.3% | 13 | 43.3% | 2.3% | 34 | 4.9% | 19 | 55.9% | 2.7% |
| Worcester–Technical High School | 2012 | 15 | 2.1% | 4 | 26.7% | 0.6% | 2 | 0.3% | — | — | — |
| 2013 | 30 | 4.2% | 5 | 16.7% | 0.7% | 14 | 2.2% | 1 | 7.1% | 0.2% |