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MA Department of Elementary and Secondary Education

Evaluation of the Statewide STEM Advanced Placement Program

Year 2 Final Report

April 2015

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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 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; and
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 the University of Massachusetts Donahue Institute (UMDI) to conduct the multiyear evaluation of the Advancing STEM AP program. The Year 1 interim and final evaluation reports were submitted previously. This report addresses the evaluation of Year 2 of the project.

Analysis of the data collected during program implementation 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, as well as to participate in Advanced Placement exams.

The interim report submitted in September 2014 described findings from the initial evaluation activities that were conducted during the second year of the project: interviews with 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. Analyses focus on the same 48 schools that were featured in the Year 1 evaluation.

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 years 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 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, mathematics, 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 compared data from the baseline to the Year 1, SY 2012–2013 (SY13), data. During this second year evaluation, a third data point has been added with SY 2013–2014 (SY14). All tables include data from SY12, SY13, and SY14.

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

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

*Core Activities*Increased AP course availability

*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 to ESE to obtain data from the following student-level and teacher-level databases:

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

**MMSI Database**

MMSI has 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 schools that have worked in this program with MMSI since 2008. However, this evaluation includes the 48 schools that originally participated in both SY12 and SY13 (for the first evaluation). Follow-up data are provided for these schools for SY14 as well.

## Data Analysis

Data for all schools involved in the Advancing STEM AP evaluation were extracted from ESE databases for analysis. Variables from the MMSI database were merged with ESE data to provide additional demographic information about the schools. Data were analyzed initially using descriptive statistics. Analysis of Variance was used to test for statistically significant differences with some aggregated data.

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

SCS databases were also merged with demographic variables from SIMS.[[1]](#footnote-1) The number of unique ELA, mathematics, and science courses and course sections offered overall and in each school 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.

For the AP exam taking and passing section, data were analyzed at two levels. Descriptive analyses were performed on *student-level* data, and inferential analyses, in the form of repeated measures general linear modeling procedures, were performed on *school-level* data. In the GLM analyses, dependent variables included the number and percentage of exam takers, the percentage of *exam takers* who passed, and the percentage of students who passed as a proportion of the larger population of students. Independent variables included gender, high needs status, and data point. Separate procedures were performed on the data for each exam type (ELA, mathematics, science, and a composite variable assessing the taking of *at least one* English, mathematics, or science exam).

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

# Results

This section contains the findings related to Advanced Placement 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, SY13, and SY14. Across all schools in the Advancing STEM AP program, the number of courses offered in ELA, mathematics, and science has remained fairly constant from SY12 through SY14. The number of sections, however, has increased somewhat over the years. There was an initial spike in SY13 from SY12, and although the total number of sections dropped from SY13 to SY14, there are still more sections in SY14 than in SY12.

ELA course offerings remained nearly constant, with 84 courses in SY12 and 83 courses in SY13 and SY14. Mathematics course offerings remained at 96 from SY12 to SY14 with SY13 offerings slightly higher (101). Science course offerings decreased from SY12 of 101 to 96 in SY14. The number of sections offered for ELA, mathematics, and science followed the pattern of increases from SY12 to SY13, and then decreases from SY13 to SY14, but with an overall gain from SY12 to SY14.

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 from SY12 to SY13 increased ELA sections for their 2 courses from 7 to 10, increased science sections from 5 to 6 for their 3 courses, but decreased mathematics sections from 6 to 4 for their 3 courses. This was a net gain of 2 sections. However in SY14, they lost the 3 sections added in ELA and the 1 in science, but gained 3 sections in mathematics. They are essentially in the same place in SY14 as in SY12, but with 1 section gained in mathematics.

Some schools, on the other hand, made modest but steady gains. Chelsea from SY12 to SY13 gained 2 sections of ELA (3 to 5) and in SY14 gained 1 mathematics section (2 to 3) and 1 science section (from 3 to 4). The number of courses remained constant. Middleborough from SY12 to SY14 increased their mathematics courses (2 to 3) and sections (5 to 9), ELA sections (4 to 7), and science sections (2 to 5). Mendon-Upton’s Nipmuc Regional High School gained 1 section in ELA, 1 course and 3 sections in mathematics, and 1 section in science.

Some schools fared somewhat worse in SY14. Most notably, Worcester’s North High School kept the same number of course offerings in ELA, mathematics, and science over the three years. However, the number of sections fluctuated widely. ELA sections went from 8 in SY12 to 12 in SY13 and down to 4 in SY14. Mathematics sections went from 9 in SY12 to 12 in SY13 and down to 4 in SY14. Science sections were at 9 in both SY12 and SY13, but dropped to 3 in SY14. Uxbridge High School also lost ground, going from 2 courses in each area in SY12 and SY13 to only 1 course in each area in SY14. In addition, sections decreased in all areas from SY12 and SY13 to SY14 (ELA 6 to 2, mathematics 6 to 1, and science 6 to 1). It is not clear why either of these schools experienced such a loss in courses and/or sections. North High School was active in the intervention for five years and Uxbridge High School for three years, and both received sustained support from the program during SY14.

All results by school are shown in Table 1.

| Table 1. Number of AP Courses and Sections Offered SY12–SY14 | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **District/School** |  | **ELA** | | **Mathematics** | | **Science** | |
|  |  | **# Courses** | **# Sections** | **# Courses** | **# Sections** | **# Courses** | **# Sections** |
| All Schools | 2012 | 84 | 188 | 96 | 145 | 101 | 144 |
| 2013 | 83 | 201 | 101 | 161 | 100 | 163 |
| 2014 | 83 | 193 | 96 | 149 | 96 | 148 |
| Agawam High School | 2012 | 2 | 7 | 3 | 6 | 3 | 5 |
| 2013 | 2 | 10 | 3 | 4 | 3 | 6 |
| 2014 | 2 | 7 | 3 | 7 | 3 | 5 |
| Athol High School | 2012 | 2 | 2 | 2 | 2 | 2 | 2 |
| 2013 | 2 | 3 | 2 | 2 | 1 | 1 |
| 2014 | 2 | 2 | 2 | 2 | 0 | 0 |
| Attleboro High School | 2012 | 2 | 5 | 3 | 5 | 3 | 5 |
| 2013 | 2 | 10 | 3 | 5 | 2 | 3 |
| 2014 | 2 | 11 | 2 | 4 | 2 | 4 |
| Bellingham High School | 2012 | 1 | 4 | 1 | 1 | 3 | 3 |
| 2013 | 1 | 4 | 2 | 2 | 3 | 4 |
| 2014 | 1 | 5 | 1 | 1 | 3 | 4 |
| Boston–Boston Community Leadership Academy | 2012 | 2 | 4 | 3 | 4 | 1 | 1 |
| 2013 | 2 | 4 | 3 | 3 | 1 | 1 |
| 2014 | 2 | 3 | 3 | 3 | 0 | 0 |
| Boston–Brighton High School | 2012 | 2 | 3 | 2 | 2 | 2 | 2 |
| 2013 | 2 | 4 | 1 | 2 | 1 | 1 |
| 2014 | 2 | 3 | 1 | 1 | 2 | 3 |
| Boston–Community Academy of Science and Health | 2012 | 2 | 2 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 2 | 2 | 2 | 1 | 1 |
| 2014 | 2 | 2 | 1 | 1 | 1 | 1 |
| Boston–East Boston High School | 2012 | 2 | 4 | 2 | 2 | 2 | 2 |
| 2013 | 2 | 4 | 2 | 3 | 2 | 3 |
| 2014 | 2 | 3 | 2 | 3 | 2 | 2 |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 2 | 2 | 2 | 2 | 1 | 1 |
| 2013 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2014 | 2 | 3 | 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 |
| 2014 | 2 | 5 | 3 | 4 | 3 | 4 |
| Boston–New Mission High School | 2012 | 2 | 2 | 1 | 1 | 1 | 1 |
| 2013 | 2 | 3 | 1 | 1 | 1 | 1 |
| 2014 | 2 | 2 | 1 | 1 | 1 | 1 |
| Boston Collegiate Charter School | 2012 | 2 | 3 | 1 | 2 | 0 | 0 |
| 2013 | 2 | 2 | 2 | 2 | 0 | 0 |
| 2014 | 2 | 2 | 2 | 2 | 0 | 0 |
| Chelsea High School | 2012 | 2 | 3 | 2 | 2 | 3 | 3 |
| 2013 | 2 | 5 | 2 | 2 | 3 | 3 |
| 2014 | 2 | 5 | 2 | 3 | 3 | 4 |
| Danvers High School | 2012 | 2 | 4 | 3 | 5 | 3 | 3 |
| 2013 | 2 | 4 | 3 | 7 | 3 | 3 |
| 2014 | 2 | 4 | 3 | 7 | 3 | 3 |
| Dedham High School | 2012 | 1 | 5 | 2 | 3 | 3 | 3 |
| 2013 | 1 | 4 | 2 | 6 | 3 | 4 |
| 2014 | 1 | 5 | 2 | 4 | 3 | 4 |
| Douglas High School | 2012 | 2 | 3 | 2 | 2 | 2 | 2 |
| 2013 | 1 | 1 | 2 | 3 | 2 | 2 |
| 2014 | 1 | 1 | 2 | 3 | 2 | 2 |
| Dracut High School | 2012 | 2 | 4 | 2 | 2 | 3 | 4 |
| 2013 | 2 | 4 | 2 | 2 | 2 | 3 |
| 2014 | 2 | 4 | 2 | 2 | 3 | 4 |
| Easthampton High School | 2012 | 2 | 5 | 1 | 2 | 1 | 2 |
| 2013 | 2 | 4 | 1 | 2 | 1 | 2 |
| 2014 | 2 | 6 | 2 | 3 | 1 | 2 |
| Fall River–B.M.C. Durfee High School | 2012 | 2 | 6 | 3 | 5 | 3 | 4 |
| 2013 | 2 | 7 | 3 | 5 | 3 | 4 |
| 2014 | 2 | 6 | 3 | 4 | 3 | 4 |
| Gill-Montague–Turner’s Falls High School | 2012 | 1 | 1 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 2 | 2 | 2 | 1 | 1 |
| 2014 | 2 | 2 | 2 | 2 | 1 | 1 |
| Greenfield High School | 2012 | 2 | 4 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 4 | 2 | 2 | 1 | 1 |
| 2014 | 2 | 4 | 2 | 2 | 2 | 2 |
| Malden High School | 2012 | 2 | 5 | 3 | 4 | 3 | 6 |
| 2013 | 2 | 4 | 3 | 6 | 3 | 5 |
| 2014 | 2 | 5 | 3 | 6 | 3 | 7 |
| Marlborough High School | 2012 | 2 | 7 | 3 | 3 | 4 | 6 |
| 2013 | 2 | 7 | 3 | 3 | 4 | 6 |
| 2014 | 2 | 7 | 3 | 3 | 4 | 6 |
| Mashpee High School | 2012 | 2 | 6 | 2 | 3 | 3 | 4 |
| 2013 | 2 | 5 | 2 | 3 | 3 | 3 |
| 2014 | 2 | 5 | 2 | 2 | 3 | 3 |
| Mendon-Upton–Nipmuc Regional High School | 2012 | 2 | 3 | 1 | 1 | 2 | 2 |
| 2013 | 2 | 3 | 2 | 3 | 2 | 2 |
| 2014 | 2 | 4 | 2 | 4 | 2 | 3 |
| Methuen High School | 2012 | 1 | 5 | 2 | 5 | 0 | 0 |
| 2013 | 1 | 5 | 2 | 4 | 0 | 0 |
| 2014 | 1 | 4 | 2 | 6 | 0 | 0 |
| Middleborough High School | 2012 | 2 | 4 | 2 | 5 | 2 | 2 |
| 2013 | 2 | 4 | 3 | 5 | 2 | 6 |
| 2014 | 2 | 7 | 3 | 9 | 2 | 5 |
| Narragansett Regional High School | 2012 | 1 | 1 | 2 | 2 | 1 | 1 |
| 2013 | 1 | 2 | 2 | 2 | 1 | 1 |
| 2014 | 1 | 1 | 2 | 2 | 0 | 0 |
| Northampton High School | 2012 | 2 | 9 | 2 | 3 | 4 | 8 |
| 2013 | 2 | 9 | 2 | 4 | 3 | 8 |
| 2014 | 2 | 10 | 2 | 3 | 3 | 8 |
| Northbridge High School | 2012 | 2 | 3 | 3 | 4 | 2 | 3 |
| 2013 | 2 | 4 | 3 | 4 | 2 | 5 |
| 2014 | 2 | 4 | 3 | 4 | 2 | 3 |
| Norton High School | 2012 | 0 | 0 | 2 | 4 | 1 | 1 |
| 2013 | 0 | 0 | 2 | 3 | 2 | 2 |
| 2014 | 0 | 0 | 2 | 4 | 1 | 1 |
| Palmer High School | 2012 | 2 | 3 | 2 | 2 | 1 | 1 |
| 2013 | 2 | 4 | 2 | 3 | 1 | 1 |
| 2014 | 2 | 3 | 2 | 2 | 1 | 2 |
| Peabody Veteran’s Memorial High School | 2012 | 0 | 0 | 2 | 5 | 3 | 6 |
| 2013 | 0 | 0 | 2 | 5 | 3 | 8 |
| 2014 | 0 | 0 | 2 | 5 | 3 | 7 |
| Quaboag Regional Middle High School | 2012 | 2 | 5 | 2 | 2 | 2 | 3 |
| 2013 | 2 | 5 | 2 | 2 | 2 | 4 |
| 2014 | 2 | 4 | 2 | 2 | 1 | 1 |
| Randolph High School | 2012 | 2 | 4 | 3 | 5 | 2 | 3 |
| 2013 | 2 | 4 | 3 | 4 | 3 | 4 |
| 2014 | 2 | 3 | 3 | 3 | 2 | 3 |
| Salem High School | 2012 | 2 | 4 | 2 | 3 | 4 | 4 |
| 2013 | 2 | 4 | 2 | 2 | 3 | 3 |
| 2014 | 2 | 6 | 2 | 5 | 3 | 4 |
| Salem Academy Charter School | 2012 | 1 | 1 | 2 | 2 | 0 | 0 |
| 2013 | 1 | 1 | 2 | 2 | 0 | 0 |
| 2014 | 1 | 1 | 1 | 1 | 1 | 1 |
| South Hadley High School | 2012 | 2 | 5 | 2 | 3 | 2 | 3 |
| 2013 | 2 | 7 | 2 | 4 | 2 | 5 |
| 2014 | 2 | 7 | 2 | 2 | 2 | 5 |
| Springfield–Central High School | 2012 | 1 | 1 | 2 | 2 | 3 | 6 |
| 2013 | 1 | 1 | 2 | 2 | 3 | 6 |
| 2014 | 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 |
| 2014 | 1 | 1 | 1 | 1 | 3 | 4 |
| Uxbridge High School | 2012 | 2 | 6 | 2 | 6 | 2 | 6 |
| 2013 | 2 | 6 | 2 | 6 | 2 | 6 |
| 2014 | 1 | 2 | 1 | 1 | 1 | 1 |
| Ware Junior Senior High School | 2012 | 2 | 2 | 0 | 0 | 1 | 2 |
| 2013 | 2 | 2 | 1 | 1 | 1 | 2 |
| 2014 | 2 | 2 | 0 | 0 | 1 | 2 |
| West Springfield High School | 2012 | 2 | 7 | 1 | 1 | 3 | 3 |
| 2013 | 2 | 7 | 3 | 3 | 3 | 4 |
| 2014 | 2 | 8 | 2 | 2 | 2 | 2 |
| Winthrop High School | 2012 | 2 | 3 | 2 | 2 | 2 | 4 |
| 2013 | 2 | 3 | 2 | 4 | 3 | 5 |
| 2014 | 2 | 3 | 2 | 4 | 3 | 5 |
| Worcester–Burncoat High School | 2012 | 2 | 6 | 2 | 2 | 3 | 3 |
| 2013 | 2 | 5 | 2 | 2 | 3 | 4 |
| 2014 | 2 | 6 | 2 | 3 | 3 | 5 |
| Worcester–North High School | 2012 | 2 | 8 | 2 | 9 | 3 | 9 |
| 2013 | 2 | 12 | 2 | 12 | 3 | 9 |
| 2014 | 2 | 4 | 2 | 4 | 3 | 3 |
| Worcester–South High Community School | 2012 | 2 | 6 | 2 | 6 | 3 | 5 |
| 2013 | 2 | 5 | 2 | 6 | 3 | 5 |
| 2014 | 2 | 6 | 2 | 6 | 3 | 6 |
| Worcester–Technical High School | 2012 | 2 | 5 | 1 | 2 | 1 | 2 |
| 2013 | 2 | 4 | 1 | 2 | 2 | 4 |
| 2014 | 2 | 4 | 2 | 3 | 2 | 4 |

## AP Course Participation

AP course participation data were compiled from ESE’s Student Course Schedule databases for SY12, SY13, and SY14.

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 three 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; 47,627 in SY14).

Overall, student participation in AP courses as far as enrollment, completion, passing, and earning credit decreased approximately one percentage point from SY13 to SY14, after having increased from SY12 to SY13 by approximately three percentage points. The decreases, however, are not statistically significant. As shown in Table 2, these decreases affect both high need and non-high needs groups, although the decrease for high needs students is slightly more.

| Table 2. AP Course Participation by Participation by High Need & Non-High Students SY12–SY14 | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **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% |
| 47,627 | 2014 | 6,424 | 13.5% | 6,076 | 12.8% | 5,827 | 12.2% | 5,604 | 11.8% |
| 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% |
| 28,926 | 2014 | 2,444 | 8.4% | 2,271 | 7.9% | 2,116 | 7.3% | 2,082 | 7.2% |
| 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% |
| 18,701 | 2014 | 3,980 | 21.3% | 3,805 | 20.3% | 3,711 | 19.8% | 3,522 | 18.8% |

Table 3 shows course participation by gender. The percentages for both females and males enrolled, completed, passed, and earned credit decreased by about two percentage points from SY13 to SY14, after have increased several percentage points from SY12 to SY13. Participation overall is still somewhat higher in SY14 than in SY12.

| Table 3. AP Course Participation by Gender SY12–SY14 | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **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% |
| 47,627 | 2014 | 6,424 | 13.5% | 6,076 | 12.8% | 5,827 | 12.2% | 5,604 | 11.8% |
| 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% |
| 23,363 | 2014 | 3,803 | 16.3% | 3,613 | 15.5% | 3,489 | 14.9% | 3,359 | 14.4% |
| 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% |
| 24,264 | 2014 | 2,621 | 10.8% | 2,463 | 10.2% | 2,338 | 9.6% | 2,245 | 9.3% |

Overall, course participation has decreased for most races/ethnicities by approximately one percentage point from SY13 to SY14, as shown in Table 4. Only Asian students showed a slight increase in course enrollment and completion, but then dropped in relation to passing and earning credit for a course.

| Table 4. AP Course Participation by Race/Ethnicity SY12–SY14 | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **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% |
| 43,600 | 2013 | 6,486 | 14.9% | 6,072 | 13.9% | 5,945 | 13.6% | 5,755 | 13.2% |
| 47,627 | 2014 | 6,424 | 13.5% | 6,076 | 12.8% | 5,827 | 12.2% | 5,604 | 11.8% |
| 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% |
| 25,665 | 2014 | 4,041 | 15.7% | 3,824 | 14.9% | 3,742 | 14.6% | 3,562 | 13.9% |
| 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% |
| 6,197 | 2014 | 698 | 11.3% | 661 | 10.7% | 631 | 10.2% | 623 | 10.1% |
| 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% |
| 2,444 | 2014 | 694 | 28.4% | 665 | 27.2% | 580 | 23.7% | 566 | 23.2% |
| 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% |
| 162 | 2014 | 20 | 12.3% | 19 | 11.7% | 16 | 9.9% | 16 | 9.9% |
| 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% | 6 | 14.6% | 5 | 12.2% | 5 | 12.2% |
| 42 | 2014 | 2 | 4.8% | 2 | 4.8% | 2 | 4.8% | 2 | 4.8% |
| 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% |
| 13,117 | 2014 | 969 | 7.4% | 905 | 6.9% | 856 | 6.5% | 835 | 6.4% |

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

The number of students taking and passing AP exams 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 exams, expressed as a percentage of the total populations of participating schools, and students passing exams, expressed as a percentage of both the *total populations* of participating schools (number 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 an AP exam out of the *total population of students in the schools*. These calculations are shown in the column of the tables labeled “% Taking Exam.” The denominator in these calculations is the total student population in program schools.
2. Percentages of students who 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 the column of the tables labeled “% of All Scoring ≥ 3.” The denominator in these calculations is the total student population in program schools.
3. Percentages of students who pass an AP exam out of *the students who took that exam* (“*exam takers*”). These calculations are shown in the column of the tables labeled “% Takers Scoring ≥ 3.” The denominator in these calculations is the number of students who actually took an AP exam in the schools.

Denominators are sometimes italicized to avoid possible confusion, for example, “the percentage of *exam takers* who passed at least one AP exam.” In this report, “AP area” refers to the four measures of exam taking and passing: the ELA exam, the mathematics exam, the science exam, and a composite measure of all three, called “at least one.” As its name implies, “at least one” assesses taking and passing of at least one of the ELA, mathematics, or science AP exams.

Descriptive analyses in tables show results overall, as well as results disaggregated by high needs and non-high needs students, by gender, and by race/ethnicity.

As discussed in the Methodology section, *student-level* data were treated with descriptive analyses and *school-level* data with inferential analyses in the form of GLM procedures. For the *school-level* analyses, dependent variables included the number and percent of takers, the percentage of *exam takers* who passed and the percentage of students who passed out of the larger population of students. Independent variables included gender, high needs status, and time (year). Race/ethnicity was not included as an independent variable; all comparisons of race/ethnicity differences were performed on student-level data only.

While in principle findings from different levels of analysis need not be consistent with each other—and can even be contradictory—here the findings from the two levels of analysis are quite consistent. The two analysis types have therefore been combined in hybrid fashion, with student-level findings often followed by *p*-values from school-level GLM procedures. If a finding was based on several GLM procedures with differing significance levels, the highest *p*-value was reported.

Overall, about 13% of students in program schools took at least one AP exam (ELA/mathematics/ science) in SY14; of these, about 50% passed the test. Relative to SY12, the numbers and the percentage of students taking at least one exam (ELA/mathematics/science) increased about one and a half percentage points in program schools (*p* < .05). As for performance changes over time, the percentages of *exam takers* who passed at least one exam (ELA/mathematics/science) went down about two and a half percentage points, though this decrease was not statistically significant. The percentage of students who took and passed at least one exam (out of *the total population of the schools*) went up about half a percentage point (*p* < .05).

Figure 2 shows the numbers of test takers over time in program schools. ELA was the most popular exam, with far fewer students taking mathematics and science exams. The absolute numbers of students taking exams in all four areas increased in 2014 relative to 2012, though this increase reached statistical significance for only students taking at least one exam (ELA/mathematics/science) and students taking math (*p* < .01).

Figure 2. Numbers of Test Takers by AP Area

|  |
| --- |

Overall, about 850 more exams were taken by students in 2014 than in 2012. Note that test taking increased from 2012 to 2013 and subsequently decreased from 2013 to 2014. This pattern—an increase from 2012 to 2013, followed by a decrease back to the 2012 numbers in 2014—appears throughout the data in this report; the bulk of the comparisons discussed therefore focus on the years 2012 and 2014. It is unclear why the numbers increased in 2013. The increase may have been real, brought about by changes in instruction or policy, or it may have been an artifact of reporting or some other issue with the data.

Figure 3 presents the percentages of students passing exams out of the total populations of the program schools. Relative to 2012, there were statistically significant increases for mathematics, science, and the composite measure of students taking at least one exam (ELA/mathematics/science) in 2014 (*p* < .05). The ELA rate decreased relative to 2012, but this trend did not reach significance in the school-level data.

Figure 3. Percent of Test Takers Who Passed

Table 6 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/mathematics/science), disaggregated by high needs and 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 6. AP Exam Taking and Passing by High Needs and Non-High Needs Students SY12–SY14 | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 1,442 | 5.0% | 30.7% | 1.5% | 2,671 | 14.3% | 55.3% | 7.9% |
| Mathematics | 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% |
| 2014 | 866 | 3.0% | 34.9% | 1.0% | 1,513 | 8.1% | 56.7% | 4.6% |
| 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% |
| 2014 | 865 | 3.0% | 34.1% | 1.0% | 1,520 | 8.1% | 57.2% | 4.6% |
| 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% |
| 2014 | 2,332 | 8.1% | 35.1% | 2.8% | 4,060 | 21.7% | 58.2% | 12.6% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | | | | |

For the subgroups, high needs students’ participation and performance lags behind that of non-high needs students. For all three years and across all exam areas, the percentage of high needs students taking AP exams is much lower than the percentage of non-high needs students (*p* < .01). Among exam *takers*, passing of at least one exam (ELA/mathematics/science) is also lower for high needs students (*p* < .01). The results for gender are more complicated. Although the percentage of females taking exams is higher than males (*p* < .05), the percentage of *exam takers* who pass is higher for males than for females (*p* < .05).

In 2014, high needs students trailed their non-high needs counterparts in participation and performance on AP exams. The percentage of students taking AP exams is much lower for high needs students than non-high needs students (*p* < .01). This pattern was also identified in the previous report for school years 2012 and 2013. In fact, this gap in exam taking widened slightly relative to 2012 in all exam areas, though this trend only reached significance for the composite measure of students taking at least one exam (ELA/mathematics/science) (*p* < .01).

The percentage of high needs *exam takers* who passed in 2014 was lower than for non-high needs takers for all test areas (*p* < .01) except mathematics, which was not significantly different. The percentage of high needs students who passed exams relative to their overall numbers in program schools was lower than for non-high needs students (*p* < .01). This gap also widened slightly for both science and the composite measure of students taking at least one exam (ELA/mathematics/science) (*p* < .05).

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

Table 7 summarizes the overall statistics for exam taking and passing by subject, as well as for those who have taken at least one exam (ELA/mathematics/science), disaggregated by gender. Both “female” and “male” columns include the number of students taking the exam along with the percentage of takers relative to the total participating population of that gender. Also included is the percentage of *exam takers* who passed and, in the final column for each gender, the percentage of students who passed based on the total participating population of that gender.

| Table 7. AP Exam Taking and Passing by Gender SY12–SY14 | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 2,737 | 11.7% | 46.3% | 5.4% | 1,376 | 5.7% | 47.5% | 2.7% |
| Mathematics | 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% |
| 2014 | 1,262 | 5.4% | 44.2% | 2.4% | 1,117 | 4.6% | 53.9% | 2.5% |
| 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% |
| 2014 | 1,241 | 5.3% | 42.7% | 2.3% | 1,144 | 4.7% | 55.4% | 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% |
| 2014 | 3,819 | 16.3% | 47.5% | 7.8% | 2,573 | 10.6% | 53.2% | 5.6% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | | | | |

The results of participation and performance are somewhat more complicated for gender. Overall, AP exam taking is higher for females than males (*p* < .05). For the ELA exam, females took about twice as many exams as males, whereas for mathematics and science the ratio was much closer to 1:1. These gender gaps are stable over the three years of data.

In 2014 the percentage of females who *take and pass* an exam was lower than for males in all exam areas, significantly so for mathematics, science, and the composite measure of taking at least one exam (ELA/mathematics/science) (*p* < .05). Still, the percentage of females passing (based on their total numbers in the population) exceeded that of males in two exam areas: ELA and the composite measure of taking at least one exam (ELA/mathematics/science) (*p* < .01).

Table 8 contains data on students who have taken at least one AP test in ELA, mathematics, or science disaggregated by race/ethnicity. In 2014, Asian students had the highest participation rate in test taking; 28% of Asian students in the participating schools took at least one AP exam (ELA/mathematics/science), while about 16% of White students and 11% of Black / African American students did. Hispanic/Latino students had the lowest participation, with only about 7% of students taking at least one exam (ELA/mathematics/science). Note that Hispanic/Latino students, who make up about 28% of the population in program schools, are quite underrepresented. This ranking pattern, with Asian students participating at the highest rate, followed in order by White, Black / African American, and Hispanic/Latino students, was the same for all AP test areas.

| Table 8. AP Exam Taking & Passing by Race/Ethnicity—At Least One Exam SY12–SY14 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # 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% |
| 2014 | 6,392 | 13.4% | 3,182 | 49.8% | 6.7% |
| White | 2012 | 3,728 | 13.8% | 2,250 | 60.4% | 8.3% |
| 2013 | 4,196 | 17.3% | 2,389 | 56.9% | 9.9% |
| 2014 | 4,080 | 15.9% | 2,354 | 57.7% | 9.2% |
| Black or African American | 2012 | 574 | 9.6% | 143 | 24.9% | 2.4% |
| 2013 | 671 | 11.9% | 190 | 28.3% | 3.4% |
| 2014 | 668 | 10.8% | 192 | 28.7% | 3.1% |
| Asian | 2012 | 561 | 23.3% | 292 | 52.0% | 12.1% |
| 2013 | 639 | 27.6% | 336 | 52.6% | 14.5% |
| 2014 | 685 | 28.0% | 350 | 51.1% | 14.3% |
| American Indian or Alaska Native | 2012 | 19 | 11.3% | 4 | 21.1% | 2.4% |
| 2013 | 15 | 10.0% | 5 | 33.3% | 3.3% |
| 2014 | 18 | 11.1% | 10 | 55.6% | 6.2% |
| Native Hawaiian or Other Pacific Islander | 2012 | 9 | 18.4% | — | — | — |
| 2013 | 6 | 14.6% | — | — | — |
| 2014 | 3 | 7.1% | — | — | — |
| Hispanic/Latino | 2012 | 772 | 6.1% | 268 | 34.7% | 2.1% |
| 2013 | 904 | 8.0% | 267 | 29.5% | 2.4% |
| 2014 | 938 | 7.2% | 275 | 29.3% | 2.1% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | |

As for changes over time in participation, the percentage of students taking at least one AP increased for Asian students by five percentage points and for Black / African American students and Hispanic/Latino students by about two percentage points between 2012 and 2014. The percentage of Native Hawaiian / Other Pacific Islander students taking at least one exam decreased around 11 points, while the percentage of American Indian / Alaska Native students stayed about the same. Note that the small numbers in these last two groups can result in percentage fluctuations that are difficult to interpret.

Relative to 2012, the percentage of Black / African American students who took and passed at least one exam increased close to four percentage points. American Indian / Alaska Native students taking and passing at least one exam increased 34 percentage points—though the small actual numbers in this group may account for the huge increase. The percentage of Hispanic/Latino students who took and passed at least one exam decreased by five percentage points. The percentage of students who passed based on the total participating population stayed the same or increased no more than one or two percentage points for all groups.

Table 9 contains data on students who have taken an AP ELA test, disaggregated by race/ethnicity. Relative to 2012, the percentage of students taking the ELA test increased for Black / African American, White, and Asian students by one or two percentage points. American Indian / Alaska Native students decreased by one and a half percentage points and Native Hawaiian / Other Pacific Islander students by seven points.

Relative to 2012, the rate at which White and Hispanic/Latino students took and passed the exam decreased about six percentage points, and the rate for Asian students decreased about two and a half percentage points. American Indian / Alaska Native students increased 45 percentage points—though the small actual numbers in this group account for the huge increase.

The percentage of students who passed based on the total participating population stayed the same or increased no more than one percentage point for all groups except American Indian / Alaska Native students. These students increased about two percentage points.

| Table 9. AP Exam Taking & Passing by Race/Ethnicity—ELA SY12–SY14 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # 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% |
| 2014 | 4,113 | 8.6% | 1,919 | 46.7% | 4.0% |
| White | 2012 | 2,529 | 9.4% | 1,563 | 61.8% | 5.8% |
| 2013 | 2,875 | 11.9% | 1,623 | 56.5% | 6.7% |
| 2014 | 2,685 | 10.5% | 1,491 | 55.6% | 5.8% |
| Black or African American | 2012 | 407 | 6.8% | 98 | 24.1% | 1.6% |
| 2013 | 477 | 8.5% | 110 | 23.1% | 2.0% |
| 2014 | 470 | 7.6% | 117 | 24.9% | 1.9% |
| Asian | 2012 | 259 | 10.7% | 117 | 45.2% | 4.9% |
| 2013 | 298 | 12.9% | 129 | 43.3% | 5.6% |
| 2014 | 320 | 13.1% | 137 | 42.8% | 5.6% |
| American Indian or Alaska Native | 2012 | 13 | 7.7% | 2 | 15.4% | 1.2% |
| 2013 | 9 | 6.0% | — | — | — |
| 2014 | 10 | 6.2% | 6 | 60.0% | 3.7% |
| Native Hawaiian or Other Pacific Islander | 2012 | 7 | 14.3% | — | — | — |
| 2013 | 5 | 12.2% | — | — | — |
| 2014 | 3 | 7.1% | — | — | — |
| Hispanic/Latino | 2012 | 555 | 4.4% | 182 | 32.8% | 1.4% |
| 2013 | 635 | 5.6% | 165 | 26.0% | 1.5% |
| 2014 | 625 | 4.8% | 167 | 26.7% | 1.3% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | |

Table 10 contains information on students who have taken an AP mathematics test, disaggregated by race/ethnicity. Most groups increased in both the number and percentage of students taking the exam. Exceptions were the American Indian / Alaska Native and Native Hawaiian / Other Pacific Islander groups.

The percentage of *exam takers* who passed showed a marked increase for Black / African American students, who increased about nine percentage points relative to 2012. The percentage of Asian students went up about five points in this category. The percentage of White and Hispanic/Latino exam takers who passed decreased about one and a half and three percentage points, respectively. The percentage of students who passed *based on the total participating population* stayed the same or increased no more than two percentage point for all groups.

| Table 10. AP Exam Taking & Passing by Race/Ethnicity—Mathematics SY12–SY14 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # 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% |
| 2014 | 2,379 | 5.0% | 1,160 | 48.8% | 2.4% |
| White | 2012 | 1,373 | 5.1% | 790 | 57.5% | 2.9% |
| 2013 | 1,521 | 6.3% | 768 | 50.5% | 3.2% |
| 2014 | 1,506 | 5.9% | 840 | 55.8% | 3.3% |
| Black or African American | 2012 | 198 | 3.3% | 38 | 19.2% | 0.6% |
| 2013 | 264 | 4.7% | 62 | 23.5% | 1.1% |
| 2014 | 221 | 3.6% | 62 | 28.1% | 1.0% |
| Asian | 2012 | 285 | 11.8% | 134 | 47.0% | 5.6% |
| 2013 | 350 | 15.1% | 167 | 47.7% | 7.2% |
| 2014 | 334 | 13.7% | 173 | 51.8% | 7.1% |
| American Indian or Alaska Native | 2012 | 7 | 4.2% | — | — | — |
| 2013 | 6 | 4.0% | — | — | — |
| 2014 | 3 | 1.9% | — | — | — |
| Native Hawaiian or Other Pacific Islander | 2012 | 2 | 4.1% | — | — | — |
| 2013 | 4 | 9.8% | — | — | — |
| 2014 | 1 | 2.4% | — | — | — |
| Hispanic/Latino | 2012 | 245 | 1.9% | 73 | 29.8% | 0.6% |
| 2013 | 310 | 2.8% | 83 | 26.8% | 0.7% |
| 2014 | 314 | 2.4% | 84 | 26.8% | 0.6% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | |

Table 11 contains data on students who took an AP science test, disaggregated by race/ethnicity. Most groups increased in the number and percentages of students taking the exam relative to 2012, though the Native Hawaiian / Other Pacific Islander group decreased slightly in both number in percentage. As for the percentage of *exam takers* who passed, all groups increased except the Hispanics/Latino group. No group increased in the percentage of students who passed based on the *total participating population* more than about one percentage point.

| Table 11. AP Exam Taking & Passing by Race/Ethnicity—Science SY12–SY14 | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | # 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% |
| 2014 | 2,385 | 5.0% | 1,164 | 48.8% | 2.4% |
| White | 2012 | 1,282 | 4.7% | 670 | 52.3% | 2.5% |
| 2013 | 1,504 | 6.2% | 808 | 53.7% | 3.3% |
| 2014 | 1,445 | 5.6% | 820 | 56.7% | 3.2% |
| Black or African American | 2012 | 156 | 2.6% | 32 | 20.5% | 0.5% |
| 2013 | 205 | 3.6% | 67 | 32.7% | 1.2% |
| 2014 | 234 | 3.8% | 62 | 26.5% | 1.0% |
| Asian | 2012 | 310 | 12.9% | 145 | 46.8% | 6.0% |
| 2013 | 339 | 14.6% | 175 | 51.6% | 7.6% |
| 2014 | 374 | 15.3% | 180 | 48.1% | 7.4% |
| American Indian or Alaska Native | 2012 | 4 | 2.4% | — | — | — |
| 2013 | 5 | 3.3% | — | — | — |
| 2014 | 10 | 6.2% | 4 | 40.0% | 2.5% |
| Native Hawaiian or Other Pacific Islander | 2012 | 6 | 12.2% | — | — | — |
| 2013 | 3 | 7.3% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — |
| Hispanic/Latino | 2012 | 230 | 1.8% | 77 | 33.5% | 0.6% |
| 2013 | 275 | 2.4% | 92 | 33.5% | 0.8% |
| 2014 | 322 | 2.5% | 98 | 30.4% | 0.7% |
| \* Based on the total student population in all participating schools.  † Based on the number of students who actually took an AP exam. | | | | | | |

A few patterns emerge when considering race/ethnicity data overall. Participation increased for most racial/ethnic groups. The percentages of students taking exams in 2014 went up for White, Black / African American, Asian, and Hispanic/Latino students across all exam areas relative to 2012. Conversely, the percentages for the Native Hawaiian / Other Pacific Islander group went down in every exam area while percentages for the American Indian / Alaska Native group went down in every area except science.

In terms of exam performance, Black / African American students showed gains across all four exam areas in both the percentages of *exam takers* who passed and the percentages of passers based on the *total number* of these students in the program schools. Asian students also showed consistent gains in passing rates. The percentages of *exam takers* who passed increased in both mathematics and science, as well as the percentages of passers based on the *total number* of Asian students in all four exam areas.

As mentioned above, Hispanic/Latino students continued to be underrepresented in 2014 given their base rate in the population of the program schools. Moreover, the percentages of Hispanic/Latino exam takers who passed decreased in all four exam areas. While most other groups showed gains in the percentages of students who passed based on their overall numbers in the program schools, Hispanic/Latino students stayed about the same across all four exam areas.

# 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, mathematics, and science. Although the numbers in SY14 do not increase compared to SY13, and there are some decreases, schools show an overall gain since SY12, the baseline year for this evaluation.

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

## Availability of AP Course in ELA, Mathematics, and Science

Overall, the number of courses offered in ELA, mathematics, and science has remained fairly constant from SY12 through SY14. The number of sections, however, has increased somewhat over the years. There was an initial spike in SY13 from SY12, and although the total number of sections dropped from SY13 to SY14, there are still more sections in SY14 than in SY12.

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. Though some schools made modest but steady gains, others fared worse in SY14 than in previous years.

## AP Course Participation

Overall, the percentage of students enrolled in, completing, passing, and earning credit in AP courses decreased approximately one point each from 2013 to 2014, after having increased by approximately three points each from 2012 to 2013.

These decreases affect both the high needs and non-high needs groups, although the decrease for high needs students is slightly more. The percentages for both females and males enrolled in, completing, passing, and earning credit in AP courses decreased from SY13 to SY14, after have increased from SY12 to SY13. Participation overall is still somewhat higher in SY14 than in SY12.

Overall, course participation has decreased slightly from SY13 to SY14 for all races/ethnicities except Asian students, who showed a slight increase in course enrollment and completion but a decrease in passing and earning credit.

## AP Exam Taking and Passing

Overall, there were a number of gains in the measures of participation in and performance on the AP exam in the program schools in 2014. In terms of participation, both the numbers and percentage of students taking exams increased on the composite measure of taking at least one exam (ELA/mathematics/science) relative to 2012. In terms of performance, the percentage of students who passed an AP exam based on the *total population of students in the schools* increased significantly for mathematics, science, and the composite indicator of taking at least one exam (ELA/mathematics/science).The science exam showed a non-significant increasein the percentage of *exam takers* who passed.

These gains were not evenly sustained throughout all the measures included in the report. For ELA, mathematics, and the composite measure of taking at least one exam (ELA/mathematics/science), the rate of students taking and passing the exam decreased, though not significantly. The gaps in participation and performance between high needs students and non-high needs students are still substantial in all four exam areas. The gap between males and females is more complicated. Females take AP exams at higher rates than males, especially in ELA. However, the percentage of female *exam takers* who pass is lower. Still, the percentage of females passing (based on their total numbers in the population) exceeded that of males in two exam areas: ELA and the composite measure of taking at least one exam (ELA/mathematics/science).

For race/ethnicity, there were marked differences in participation and performance across groups. Hispanic/Latino students were particularly underrepresented in test taking. Relative to 2012, while the percentages of students taking exams in 2014 went up for White, Black / African American, Asian, and Hispanic/Latino students across all exam areas, they went down in all areas for Native Hawaiian / Other Pacific Islander students. American Indian / Alaska Native students went down in every area except science. The actual numbers of students in these two groups are quite small, so percentages based on these numbers are prone to fluctuation. As for pass rates for the exams, Black / African American and Asian students showed gains in pass rates, while Hispanic/Latino students either declined or stayed the same.

In sum, the data suggest that student access to AP exams, measured by both the numbers and percentages of students taking AP exams, has increased in program schools. There were some increases in performance, measured by passing rates, as well. Black / African American and Asian students were particular successes in terms of the increases in participation and performance. Finally, maintaining or increasing the AP pass rates and accelerating the rate of participation and success of high need and ethnic minority students, particularly Hispanic/Latino students, would further help the program meet its goals.

⁂

Based on the findings presented in this report, there is considerable evidence that access to ELA, mathematics, and science AP courses offered in Advancing STEM AP schools has increased from the SY12 baseline to SY14. 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 mathematics 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 – SY14** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 9,284 | 19.5% | 6,076 | 12.8% | 5,827 | 12.2% | 5,604 | 11.8% |
| 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% |
| 2014 | 201 | 15.0% | 196 | 14.6% | 196 | 14.6% | 194 | 14.4% |
| 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% |
| 2014 | 58 | 11.8% | 37 | 7.5% | 37 | 7.5% | 35 | 7.1% |
| 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% |
| 2014 | 297 | 16.7% | 287 | 16.1% | 284 | 16.0% | 284 | 16.0% |
| 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% |
| 2014 | 124 | 17.7% | 120 | 17.1% | 120 | 17.1% | 120 | 17.1% |
| 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% |
| 2014 | 79 | 14.2% | 75 | 13.5% | 75 | 13.5% | 75 | 13.5% |
| 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% |
| 2014 | 103 | 8.9% | 95 | 8.2% | 94 | 8.1% | 93 | 8.1% |
| 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% |
| 2014 | 42 | 9.0% | 40 | 8.5% | 35 | 7.5% | 35 | 7.5% |
| 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% |
| 2014 | 96 | 6.2% | 92 | 6.0% | 85 | 5.5% | 85 | 5.5% |
| 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% |
| 2014 | 76 | 21.9% | 72 | 20.7% | 69 | 19.9% | 69 | 19.9% |
| 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% |
| 2014 | 234 | 16.7% | 221 | 15.8% | 220 | 15.7% | 220 | 15.7% |
| 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% |
| 2014 | 68 | 22.1% | 66 | 21.5% | 66 | 21.5% | 66 | 21.5% |
| 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% |
| 2014 | 53 | 7.7% | 53 | 7.7% | 52 | 7.6% | 50 | 7.3% |
| 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% |
| 2014 | 168 | 10.5% | 161 | 10.0% | 154 | 9.6% | 154 | 9.6% |
| 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% |
| 2014 | 210 | 19.2% | 196 | 17.9% | 196 | 17.9% | 196 | 17.9% |
| 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% |
| 2014 | 158 | 20.1% | 150 | 19.1% | 148 | 18.8% | 148 | 18.8% |
| 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% |
| 2014 | 59 | 9.4% | 59 | 9.4% | 59 | 9.4% | 59 | 9.4% |
| 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% |
| 2014 | 120 | 10.5% | 116 | 10.1% | 116 | 10.1% | 116 | 10.1% |
| 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% |
| 2014 | 115 | 23.6% | 115 | 23.6% | 115 | 23.6% | 115 | 23.6% |
| 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% |
| 2014 | 224 | 9.3% | 152 | 6.3% | 149 | 6.2% | 149 | 6.2% |
| 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% |
| 2014 | 33 | 10.3% | 32 | 10.0% | 32 | 10.0% | 32 | 10.0% |
| 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% |
| 2014 | 79 | 14.3% | 73 | 13.2% | 70 | 12.7% | 70 | 12.7% |
| 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% |
| 2014 | 279 | 13.7% | 274 | 13.5% | 125 | 6.2% | 125 | 6.2% |
| 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% |
| 2014 | 198 | 17.4% | 192 | 16.9% | 192 | 16.9% | 192 | 16.9% |
| 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% |
| 2014 | 96 | 20.4% | 87 | 18.5% | 86 | 18.3% | 86 | 18.3% |
| 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% |
| 2014 | 117 | 16.9% | 116 | 16.8% | 115 | 16.6% | 114 | 16.5% |
| 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% |
| 2014 | 202 | 11.0% | 198 | 10.8% | 195 | 10.6% | 195 | 10.6% |
| 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% |
| 2014 | 117 | 12.7% | 109 | 11.8% | 106 | 11.5% | 105 | 11.4% |
| 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% |
| 2014 | 31 | 7.4% | 31 | 7.4% | 31 | 7.4% | 31 | 7.4% |
| 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% |
| 2014 | 306 | 32.3% | 296 | 31.3% | 294 | 31.0% | 294 | 31.0% |
| 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% |
| 2014 | 113 | 16.3% | 108 | 15.6% | 107 | 15.4% | 107 | 15.4% |
| 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% |
| 2014 | 95 | 12.1% | 91 | 11.6% | 89 | 11.3% | 89 | 11.3% |
| 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% |
| 2014 | 64 | 10.7% | 60 | 10.0% | 60 | 10.0% | 60 | 10.0% |
| 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% | 0 | 0.0% |
| 2014 | 190 | 10.1% | 187 | 9.9% | 184 | 9.8% | 0 | 0.0% |
| 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% |
| 2014 | 74 | 18.5% | 72 | 18.0% | 70 | 17.5% | 70 | 17.5% |
| 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% |
| 2014 | 126 | 15.6% | 120 | 14.9% | 118 | 14.6% | 118 | 14.6% |
| 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% |
| 2014 | 176 | 15.5% | 171 | 15.1% | 164 | 14.4% | 164 | 14.4% |
| 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% |
| 2014 | 27 | 6.8% | 26 | 6.5% | 25 | 6.3% | 25 | 6.3% |
| 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% |
| 2014 | 159 | 25.1% | 153 | 24.1% | 153 | 24.1% | 153 | 24.1% |
| 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% |
| 2014 | 219 | 9.9% | 217 | 9.8% | 211 | 9.5% | 211 | 9.5% |
| 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% |
| 2014 | 57 | 3.4% | 54 | 3.2% | 46 | 2.7% | 46 | 2.7% |
| 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% |
| 2014 | 59 | 10.9% | 58 | 10.8% | 57 | 10.6% | 57 | 10.6% |
| 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% |
| 2014 | 28 | 5.1% | 27 | 4.9% | 27 | 4.9% | 27 | 4.9% |
| 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% |
| 2014 | 172 | 13.8% | 161 | 12.9% | 157 | 12.6% | 157 | 12.6% |
| 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% |
| 2014 | 159 | 27.8% | 159 | 27.8% | 156 | 27.3% | 156 | 27.3% |
| 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% |
| 2014 | 186 | 17.4% | 162 | 15.1% | 161 | 15.0% | 151 | 14.1% |
| 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% |
| 2014 | 145 | 10.3% | 137 | 9.7% | 137 | 9.7% | 130 | 9.2% |
| 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% |
| 2014 | 289 | 21.3% | 264 | 19.5% | 255 | 18.8% | 245 | 18.1% |
| 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% |
| 2014 | 143 | 10.2% | 138 | 9.9% | 134 | 9.6% | 131 | 9.4% |

| **Table A-2. Number and Percentage of High Need / Non-High Need Students Participating in At Least One AP Course SY12–SY14** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% | 1,802 | 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% |
| 2014 | 2,444 | 8.4% | 2,271 | 7.9% | 2,116 | 7.3% | 2,082 | 7.2% | 3,980 | 21.3% | 3,805 | 20.3% | 3,711 | 19.8% | 3,522 | 18.8% |
| 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% |
| 2014 | 30 | 6.1% | 29 | 5.9% | 29 | 5.9% | 29 | 5.9% | 171 | 20.1% | 167 | 19.6% | 167 | 19.6% | 165 | 19.4% |
| 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% |
| 2014 | 18 | 6.1% | 12 | 4.1% | 12 | 4.1% | 11 | 3.8% | 40 | 20.2% | 25 | 12.6% | 25 | 12.6% | 24 | 12.1% |
| 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% |
| 2014 | 73 | 8.7% | 71 | 8.5% | 69 | 8.2% | 69 | 8.2% | 224 | 23.9% | 216 | 23.0% | 215 | 22.9% | 215 | 22.9% |
| 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% |
| 2014 | 11 | 4.7% | 10 | 4.3% | 10 | 4.3% | 10 | 4.3% | 113 | 24.1% | 110 | 23.5% | 110 | 23.5% | 110 | 23.5% |
| Boston–Boston Community Leadership Academy | 2012 | 75 | 16.8% | 74 | 16.6% | 74 | 16.6% | 74 | 16.6% | 9 | 14.8% | 9 | 14.8% | 9 | 14.8% | 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% |
| 2014 | 73 | 14.0% | 69 | 13.3% | 69 | 13.3% | 69 | 13.3% | 6 | 17.1% | — | — | — | — | — | — |
| 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% |
| 2014 | 95 | 8.6% | 87 | 7.9% | 86 | 7.8% | 85 | 7.7% | 8 | 15.1% | — | — | — | — | — | — |
| 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% |
| 2014 | 37 | 8.3% | 35 | 7.8% | 30 | 6.7% | 30 | 6.7% | 5 | 21.7% | — | — | — | — | — | — |
| 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% |
| 2014 | 80 | 5.6% | 77 | 5.4% | 71 | 5.0% | 71 | 5.0% | 16 | 14.8% | 15 | 13.9% | 14 | 13.0% | 14 | 13.0% |
| 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% |
| 2014 | 58 | 19.0% | 54 | 17.6% | 51 | 16.7% | 51 | 16.7% | 18 | 43.9% | 18 | 43.9% | 18 | 43.9% | 18 | 43.9% |
| 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% |
| 2014 | 196 | 17.2% | 186 | 16.3% | 185 | 16.2% | 185 | 16.2% | 38 | 14.6% | 35 | 13.5% | 35 | 13.5% | 35 | 13.5% |
| 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% |
| 2014 | 55 | 20.8% | 55 | 20.8% | 55 | 20.8% | 55 | 20.8% | 13 | 31.0% | 11 | 26.2% | 11 | 26.2% | 11 | 26.2% |
| 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% |
| 2014 | 25 | 6.2% | 25 | 6.2% | 24 | 5.9% | 23 | 5.7% | 28 | 9.9% | 28 | 9.9% | 28 | 9.9% | 27 | 9.5% |
| 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% |
| 2014 | 119 | 9.1% | 114 | 8.8% | 109 | 8.4% | 109 | 8.4% | 49 | 16.2% | 47 | 15.6% | 45 | 14.9% | 45 | 14.9% |
| 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% |
| 2014 | 18 | 5.4% | 14 | 4.2% | 14 | 4.2% | 14 | 4.2% | 192 | 25.3% | 182 | 23.9% | 182 | 23.9% | 182 | 23.9% |
| 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% |
| 2014 | 32 | 9.3% | 32 | 9.3% | 32 | 9.3% | 32 | 9.3% | 126 | 28.5% | 118 | 26.7% | 116 | 26.2% | 116 | 26.2% |
| 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% |
| 2014 | 3 | 1.5% | — | — | — | — | — | — | 56 | 13.0% | 56 | 13.0% | 56 | 13.0% | 56 | 13.0% |
| 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% |
| 2014 | 14 | 4.7% | 14 | 4.7% | 14 | 4.7% | 14 | 4.7% | 106 | 12.5% | 102 | 12.0% | 102 | 12.0% | 102 | 12.0% |
| 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% |
| 2014 | 19 | 9.3% | 19 | 9.3% | 19 | 9.3% | 19 | 9.3% | 96 | 33.8% | 96 | 33.8% | 96 | 33.8% | 96 | 33.8% |
| 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% |
| 2014 | 94 | 5.4% | 60 | 3.5% | 57 | 3.3% | 57 | 3.3% | 130 | 19.3% | 92 | 13.6% | 92 | 13.6% | 92 | 13.6% |
| 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% |
| 2014 | 8 | 4.2% | — | — | — | — | — | — | 25 | 19.2% | 24 | 18.5% | 24 | 18.5% | 24 | 18.5% |
| 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% |
| 2014 | 29 | 8.1% | 26 | 7.3% | 23 | 6.4% | 23 | 6.4% | 50 | 25.5% | 47 | 24.0% | 47 | 24.0% | 47 | 24.0% |
| 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% |
| 2014 | 153 | 11.1% | 150 | 10.9% | 62 | 4.5% | 62 | 4.5% | 126 | 19.3% | 124 | 19.0% | 63 | 9.6% | 63 | 9.6% |
| 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% |
| 2014 | 44 | 7.2% | 41 | 6.7% | 41 | 6.7% | 41 | 6.7% | 154 | 29.1% | 151 | 28.5% | 151 | 28.5% | 151 | 28.5% |
| 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% |
| 2014 | 20 | 10.0% | 17 | 8.5% | 17 | 8.5% | 17 | 8.5% | 76 | 28.3% | 70 | 26.0% | 69 | 25.7% | 69 | 25.7% |
| 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% |
| 2014 | 6 | 3.7% | — | — | — | — | — | — | 111 | 21.0% | 111 | 21.0% | 110 | 20.8% | 109 | 20.6% |
| 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% |
| 2014 | 49 | 5.3% | 48 | 5.2% | 46 | 5.0% | 46 | 5.0% | 153 | 16.8% | 150 | 16.5% | 149 | 16.4% | 149 | 16.4% |
| 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% |
| 2014 | 17 | 4.6% | 15 | 4.0% | 14 | 3.8% | 13 | 3.5% | 100 | 18.2% | 94 | 17.1% | 92 | 16.8% | 92 | 16.8% |
| 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% |
| 2014 | 1 | 0.7% | — | — | — | — | — | — | 30 | 10.8% | 30 | 10.8% | 30 | 10.8% | 30 | 10.8% |
| 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% |
| 2014 | 51 | 15.0% | 48 | 14.1% | 48 | 14.1% | 48 | 14.1% | 255 | 42.1% | 248 | 40.9% | 246 | 40.6% | 246 | 40.6% |
| 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% |
| 2014 | 7 | 2.7% | — | — | — | — | — | — | 106 | 24.5% | 102 | 23.6% | 101 | 23.4% | 101 | 23.4% |
| 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% |
| 2014 | 8 | 3.6% | — | — | — | — | — | — | 87 | 15.5% | 83 | 14.7% | 82 | 14.6% | 82 | 14.6% |
| 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% |
| 2014 | 11 | 3.9% | 8 | 2.9% | 8 | 2.9% | 8 | 2.9% | 53 | 16.6% | 52 | 16.3% | 52 | 16.3% | 52 | 16.3% |
| 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% | 0 | 0.0% | 169 | 15.7% | 162 | 15.0% | 162 | 15.0% | 0 | 0.0% |
| 2014 | 14 | 1.8% | 13 | 1.7% | 13 | 1.7% | 0 | 0.0% | 176 | 15.9% | 174 | 15.7% | 171 | 15.4% | 0 | 0.0% |
| 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% |
| 2014 | 20 | 9.9% | 20 | 9.9% | 19 | 9.4% | 19 | 9.4% | 54 | 27.3% | 52 | 26.3% | 51 | 25.8% | 51 | 25.8% |
| 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% |
| 2014 | 53 | 9.7% | 50 | 9.1% | 50 | 9.1% | 50 | 9.1% | 73 | 28.0% | 70 | 26.8% | 68 | 26.1% | 68 | 26.1% |
| 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% |
| 2014 | 66 | 8.7% | 64 | 8.4% | 59 | 7.7% | 59 | 7.7% | 110 | 29.5% | 107 | 28.7% | 105 | 28.2% | 105 | 28.2% |
| 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% |
| 2014 | 6 | 2.9% | — | — | — | — | — | — | 21 | 10.9% | 20 | 10.4% | 19 | 9.8% | 19 | 9.8% |
| 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% |
| 2014 | 32 | 13.5% | 29 | 12.2% | 29 | 12.2% | 29 | 12.2% | 127 | 32.0% | 124 | 31.2% | 124 | 31.2% | 124 | 31.2% |
| Springfield–Central High School | 2012 | 118 | 6.6% | 118 | 6.6% | 102 | 5.7% | 0 | 0.0% | 80 | 17.6% | 79 | 17.4% | 75 | 16.5% | 0 | 0.0% |
| 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% |
| 2014 | 130 | 7.4% | 129 | 7.4% | 126 | 7.2% | 126 | 7.2% | 89 | 18.9% | 88 | 18.7% | 85 | 18.0% | 85 | 18.0% |
| Springfield–High School of Science & Technology | 2012 | 30 | 2.2% | 23 | 1.7% | 23 | 1.7% | 0 | 0.0% | 15 | 6.9% | 13 | 6.0% | 13 | 6.0% | 0 | 0.0% |
| 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% |
| 2014 | 45 | 3.1% | 43 | 3.0% | 35 | 2.4% | 35 | 2.4% | 12 | 5.0% | 11 | 4.6% | 11 | 4.6% | 11 | 4.6% |
| 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% |
| 2014 | 7 | 4.1% | — | — | — | — | — | — | 52 | 14.2% | 52 | 14.2% | 51 | 13.9% | 51 | 13.9% |
| 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% |
| 2014 | 3 | 1.0% | — | — | — | — | — | — | 25 | 10.5% | 25 | 10.5% | 25 | 10.5% | 25 | 10.5% |
| 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% |
| 2014 | 62 | 8.3% | 55 | 7.4% | 52 | 7.0% | 52 | 7.0% | 110 | 22.0% | 106 | 21.2% | 105 | 21.0% | 105 | 21.0% |
| 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% |
| 2014 | 43 | 18.1% | 43 | 18.1% | 41 | 17.3% | 41 | 17.3% | 116 | 34.6% | 116 | 34.6% | 115 | 34.3% | 115 | 34.3% |
| 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% |
| 2014 | 83 | 10.5% | 67 | 8.5% | 66 | 8.4% | 60 | 7.6% | 103 | 36.5% | 95 | 33.7% | 95 | 33.7% | 91 | 32.3% |
| 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% |
| 2014 | 118 | 9.4% | 114 | 9.1% | 114 | 9.1% | 110 | 8.8% | 27 | 16.9% | 23 | 14.4% | 23 | 14.4% | 20 | 12.5% |
| 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% |
| 2014 | 226 | 19.3% | 204 | 17.4% | 197 | 16.8% | 190 | 16.2% | 63 | 34.8% | 60 | 33.1% | 58 | 32.0% | 55 | 30.4% |
| 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% |
| 2014 | 82 | 8.1% | 79 | 7.8% | 76 | 7.5% | 76 | 7.5% | 61 | 15.8% | 59 | 15.3% | 58 | 15.1% | 55 | 14.3% |

| **Table A-3. Number and Percentage of Students Participating in At Least One AP Course by Gender SY12–SY14** | | | | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 3,803 | 16.3% | 3,613 | 15.5% | 3,489 | 14.9% | 3,359 | 14.4% | 2,621 | 10.8% | 2,463 | 10.2% | 2,338 | 9.6% | 2,245 | 9.3% |
| 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% |
| 2014 | 114 | 17.9% | 113 | 17.7% | 113 | 17.7% | 113 | 17.7% | 87 | 12.3% | 83 | 11.8% | 83 | 11.8% | 81 | 11.5% |
| 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% |
| 2014 | 29 | 13.1% | 19 | 8.6% | 19 | 8.6% | 17 | 7.7% | 29 | 10.7% | 18 | 6.7% | 18 | 6.7% | 18 | 6.7% |
| 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% |
| 2014 | 176 | 21.1% | 170 | 20.4% | 168 | 20.2% | 168 | 20.2% | 121 | 12.8% | 117 | 12.4% | 116 | 12.3% | 116 | 12.3% |
| 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% |
| 2014 | 70 | 20.8% | 67 | 19.9% | 67 | 19.9% | 67 | 19.9% | 54 | 14.8% | 53 | 14.5% | 53 | 14.5% | 53 | 14.5% |
| 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% |
| 2014 | 55 | 17.8% | 53 | 17.2% | 53 | 17.2% | 53 | 17.2% | 24 | 9.8% | 22 | 8.9% | 22 | 8.9% | 22 | 8.9% |
| 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% |
| 2014 | 64 | 12.1% | 58 | 11.0% | 58 | 11.0% | 58 | 11.0% | 39 | 6.2% | 37 | 5.9% | 36 | 5.8% | 35 | 5.6% |
| 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% |
| 2014 | 22 | 9.0% | 20 | 8.2% | 19 | 7.8% | 19 | 7.8% | 20 | 8.9% | 20 | 8.9% | 16 | 7.1% | 16 | 7.1% |
| 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% |
| 2014 | 66 | 9.9% | 64 | 9.6% | 58 | 8.7% | 58 | 8.7% | 30 | 3.4% | 28 | 3.2% | 27 | 3.1% | 27 | 3.1% |
| 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% | — | — | — | — | — | — |
| 2014 | 60 | 25.3% | 58 | 24.5% | 56 | 23.6% | 56 | 23.6% | 16 | 14.5% | 14 | 12.7% | 13 | 11.8% | 13 | 11.8% |
| 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% |
| 2014 | 153 | 19.5% | 143 | 18.2% | 142 | 18.1% | 142 | 18.1% | 81 | 13.1% | 78 | 12.6% | 78 | 12.6% | 78 | 12.6% |
| 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% |
| 2014 | 38 | 24.5% | 36 | 23.2% | 36 | 23.2% | 36 | 23.2% | 30 | 19.7% | 30 | 19.7% | 30 | 19.7% | 30 | 19.7% |
| 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% |
| 2014 | 36 | 9.9% | 36 | 9.9% | 36 | 9.9% | 34 | 9.4% | 17 | 5.2% | 17 | 5.2% | 16 | 4.9% | 16 | 4.9% |
| 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% |
| 2014 | 95 | 12.4% | 90 | 11.7% | 87 | 11.4% | 87 | 11.4% | 73 | 8.7% | 71 | 8.5% | 67 | 8.0% | 67 | 8.0% |
| 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% |
| 2014 | 119 | 21.4% | 109 | 19.6% | 109 | 19.6% | 109 | 19.6% | 91 | 16.9% | 87 | 16.1% | 87 | 16.1% | 87 | 16.1% |
| 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% |
| 2014 | 92 | 24.7% | 89 | 23.9% | 87 | 23.4% | 87 | 23.4% | 66 | 15.9% | 61 | 14.7% | 61 | 14.7% | 61 | 14.7% |
| 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% |
| 2014 | 31 | 9.7% | 31 | 9.7% | 31 | 9.7% | 31 | 9.7% | 28 | 9.1% | 28 | 9.1% | 28 | 9.1% | 28 | 9.1% |
| 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% |
| 2014 | 77 | 13.9% | 74 | 13.4% | 74 | 13.4% | 74 | 13.4% | 43 | 7.3% | 42 | 7.1% | 42 | 7.1% | 42 | 7.1% |
| 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% |
| 2014 | 65 | 26.0% | 65 | 26.0% | 65 | 26.0% | 65 | 26.0% | 50 | 21.0% | 50 | 21.0% | 50 | 21.0% | 50 | 21.0% |
| 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% |
| 2014 | 145 | 11.8% | 104 | 8.5% | 103 | 8.4% | 103 | 8.4% | 79 | 6.7% | 48 | 4.1% | 46 | 3.9% | 46 | 3.9% |
| 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% |
| 2014 | 18 | 11.3% | 17 | 10.6% | 17 | 10.6% | 17 | 10.6% | 15 | 9.4% | 15 | 9.4% | 15 | 9.4% | 15 | 9.4% |
| 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% |
| 2014 | 41 | 14.8% | 36 | 13.0% | 36 | 13.0% | 36 | 13.0% | 38 | 13.8% | 37 | 13.4% | 34 | 12.3% | 34 | 12.3% |
| 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% |
| 2014 | 154 | 15.6% | 152 | 15.4% | 72 | 7.3% | 72 | 7.3% | 125 | 12.0% | 122 | 11.7% | 53 | 5.1% | 53 | 5.1% |
| 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% |
| 2014 | 110 | 20.4% | 106 | 19.6% | 106 | 19.6% | 106 | 19.6% | 88 | 14.7% | 86 | 14.4% | 86 | 14.4% | 86 | 14.4% |
| 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% |
| 2014 | 62 | 26.2% | 57 | 24.1% | 56 | 23.6% | 56 | 23.6% | 34 | 14.6% | 30 | 12.9% | 30 | 12.9% | 30 | 12.9% |
| 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% |
| 2014 | 58 | 16.4% | 58 | 16.4% | 58 | 16.4% | 58 | 16.4% | 59 | 17.5% | 58 | 17.2% | 57 | 16.9% | 56 | 16.6% |
| 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% |
| 2014 | 131 | 14.9% | 128 | 14.5% | 128 | 14.5% | 128 | 14.5% | 71 | 7.5% | 70 | 7.4% | 67 | 7.1% | 67 | 7.1% |
| 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% |
| 2014 | 63 | 15.0% | 60 | 14.3% | 58 | 13.8% | 58 | 13.8% | 54 | 10.8% | 49 | 9.8% | 48 | 9.6% | 47 | 9.4% |
| 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% | — | — | — | — | — | — |
| 2014 | 24 | 10.7% | 24 | 10.7% | 24 | 10.7% | 24 | 10.7% | 7 | 3.6% | — | — | — | — | — | — |
| 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% |
| 2014 | 162 | 34.2% | 157 | 33.2% | 157 | 33.2% | 157 | 33.2% | 144 | 30.4% | 139 | 29.3% | 137 | 28.9% | 137 | 28.9% |
| 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% |
| 2014 | 77 | 23.2% | 76 | 22.9% | 75 | 22.6% | 75 | 22.6% | 36 | 10.0% | 32 | 8.9% | 32 | 8.9% | 32 | 8.9% |
| 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% |
| 2014 | 53 | 13.9% | 51 | 13.4% | 51 | 13.4% | 51 | 13.4% | 42 | 10.3% | 40 | 9.8% | 38 | 9.3% | 38 | 9.3% |
| 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% |
| 2014 | 43 | 14.4% | 42 | 14.0% | 42 | 14.0% | 42 | 14.0% | 21 | 7.0% | 18 | 6.0% | 18 | 6.0% | 18 | 6.0% |
| 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% | 0 | 0.0% | 89 | 10.0% | 84 | 9.4% | 84 | 9.4% | 0 | 0.0% |
| 2014 | 108 | 11.8% | 107 | 11.6% | 107 | 11.6% | 0 | 0.0% | 82 | 8.5% | 80 | 8.3% | 77 | 8.0% | 0 | 0.0% |
| 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% |
| 2014 | 51 | 24.3% | 49 | 23.3% | 47 | 22.4% | 47 | 22.4% | 23 | 12.0% | 23 | 12.0% | 23 | 12.0% | 23 | 12.0% |
| 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% |
| 2014 | 73 | 19.6% | 71 | 19.0% | 69 | 18.5% | 69 | 18.5% | 53 | 12.2% | 49 | 11.3% | 49 | 11.3% | 49 | 11.3% |
| 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% |
| 2014 | 104 | 18.5% | 101 | 18.0% | 98 | 17.5% | 98 | 17.5% | 72 | 12.5% | 70 | 12.2% | 66 | 11.5% | 66 | 11.5% |
| 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% | — | — | — | — | — | — |
| 2014 | 11 | 5.6% | 10 | 5.1% | 10 | 5.1% | 10 | 5.1% | 16 | 7.9% | 16 | 7.9% | 15 | 7.4% | 15 | 7.4% |
| 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% |
| 2014 | 105 | 31.8% | 101 | 30.6% | 101 | 30.6% | 101 | 30.6% | 54 | 17.8% | 52 | 17.1% | 52 | 17.1% | 52 | 17.1% |
| Springfield–Central High School | 2012 | 116 | 10.6% | 116 | 10.6% | 107 | 9.8% | 0 | 0.0% | 82 | 7.1% | 81 | 7.0% | 70 | 6.0% | 0 | 0.0% |
| 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% |
| 2014 | 138 | 12.6% | 137 | 12.5% | 134 | 12.2% | 134 | 12.2% | 81 | 7.2% | 80 | 7.1% | 77 | 6.8% | 77 | 6.8% |
| Springfield–High School of Science & Technology | 2012 | 25 | 3.4% | 19 | 2.6% | 19 | 2.6% | 0 | 0.0% | 20 | 2.4% | 17 | 2.0% | 17 | 2.0% | 0 | 0.0% |
| 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% |
| 2014 | 22 | 2.9% | 22 | 2.9% | 20 | 2.6% | 20 | 2.6% | 35 | 3.8% | 32 | 3.5% | 26 | 2.8% | 26 | 2.8% |
| 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 | 20.3% | 47 | 20.3% | 41 | 17.2% | 41 | 17.2% | 41 | 17.2% | 41 | 17.2% |
| 2014 | 37 | 13.9% | 36 | 13.5% | 36 | 13.5% | 36 | 13.5% | 22 | 8.1% | 22 | 8.1% | 21 | 7.7% | 21 | 7.7% |
| 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% |
| 2014 | 21 | 7.6% | 20 | 7.2% | 20 | 7.2% | 20 | 7.2% | 7 | 2.5% | — | — | — | — | — | — |
| 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% |
| 2014 | 106 | 17.2% | 100 | 16.2% | 96 | 15.6% | 96 | 15.6% | 66 | 10.5% | 61 | 9.7% | 61 | 9.7% | 61 | 9.7% |
| 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% |
| 2014 | 97 | 31.8% | 97 | 31.8% | 96 | 31.5% | 96 | 31.5% | 62 | 23.2% | 62 | 23.2% | 60 | 22.5% | 60 | 22.5% |
| 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% |
| 2014 | 110 | 20.6% | 102 | 19.1% | 101 | 18.9% | 96 | 18.0% | 76 | 14.1% | 60 | 11.1% | 60 | 11.1% | 55 | 10.2% |
| 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% |
| 2014 | 76 | 12.0% | 74 | 11.7% | 74 | 11.7% | 69 | 10.9% | 69 | 8.9% | 63 | 8.1% | 63 | 8.1% | 61 | 7.9% |
| 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% |
| 2014 | 157 | 25.3% | 144 | 23.2% | 141 | 22.7% | 134 | 21.6% | 132 | 18.0% | 120 | 16.3% | 114 | 15.5% | 111 | 15.1% |
| 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% |
| 2014 | 84 | 11.2% | 79 | 10.6% | 78 | 10.4% | 76 | 10.2% | 59 | 9.0% | 59 | 9.0% | 56 | 8.6% | 55 | 8.4% |

# Appendix B

**Appendix B**

**AP Exam Taking and Passing**

**by High Needs**

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

**ELA**

**Mathematics**

**Science**

| **Table B-1. AT LEAST 1—Number and Percentage of High Need & Non-High Need Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% | 4,168 | 22.1% | 2,387 | 57.3% | 12.7% |
| 2014 | 2,332 | 8.1% | 818 | 35.1% | 2.8% | 4,060 | 21.7% | 2,364 | 58.2% | 12.6% |
| 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% |
| 2014 | 29 | 5.9% | 14 | 48.3% | 2.8% | 165 | 19.4% | 108 | 65.5% | 12.7% |
| 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% |
| 2014 | 18 | 6.1% | 7 | 38.9% | 2.4% | 40 | 20.2% | 16 | 40.0% | 8.1% |
| 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% |
| 2014 | 72 | 8.6% | 24 | 33.3% | 2.9% | 221 | 23.6% | 122 | 55.2% | 13.0% |
| 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% |
| 2014 | 10 | 4.3% | 4 | 40.0% | 1.7% | 111 | 23.7% | 60 | 54.1% | 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% |
| 2014 | 70 | 13.5% | 17 | 24.3% | 3.3% | 6 | 17.1% | — | — | — |
| 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% |
| 2014 | 74 | 6.7% | 5 | 6.8% | 0.5% | 5 | 9.4% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 38 | 10.1% | 0 | 0.0% | 0.0% | 12 | 17.9% | 0 | 0.0% | 0.0% |
| 2013 | 42 | 12.4% | 2 | 4.8% | 0.6% | 6 | 7.9% | — | — | — |
| 2014 | 33 | 7.4% | 1 | 3.0% | 0.2% | 5 | 21.7% | — | — | — |
| 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% |
| 2014 | 75 | 5.2% | 9 | 12.0% | 0.6% | 14 | 13.0% | 3 | 21.4% | 2.8% |
| 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% |
| 2014 | 54 | 17.6% | 7 | 13.0% | 2.3% | 19 | 46.3% | 5 | 26.3% | 12.2% |
| 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% |
| 2014 | 194 | 17.0% | 89 | 45.9% | 7.8% | 38 | 14.6% | 18 | 47.4% | 6.9% |
| 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% |
| 2014 | 53 | 20.0% | 7 | 13.2% | 2.6% | 12 | 28.6% | 2 | 16.7% | 4.8% |
| 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% |
| 2014 | 23 | 5.7% | 14 | 60.9% | 3.5% | 27 | 9.5% | 17 | 63.0% | 6.0% |
| 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% |
| 2014 | 114 | 8.8% | 49 | 43.0% | 3.8% | 47 | 15.6% | 24 | 51.1% | 7.9% |
| 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% |
| 2014 | 13 | 3.9% | 7 | 53.8% | 2.1% | 181 | 23.8% | 132 | 72.9% | 17.4% |
| 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% |
| 2014 | 32 | 9.3% | 14 | 43.8% | 4.1% | 117 | 26.5% | 67 | 57.3% | 15.2% |
| 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% |
| 2014 | 6 | 3.1% | — | — | — | 78 | 18.1% | 60 | 76.9% | 13.9% |
| 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% |
| 2014 | 15 | 5.1% | 7 | 46.7% | 2.4% | 100 | 11.8% | 79 | 79.0% | 9.3% |
| 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% |
| 2014 | 19 | 9.3% | 5 | 26.3% | 2.5% | 97 | 34.2% | 50 | 51.5% | 17.6% |
| 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% |
| 2014 | 92 | 5.3% | 39 | 42.4% | 2.3% | 126 | 18.7% | 58 | 46.0% | 8.6% |
| 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% |
| 2014 | 7 | 3.7% | — | — | — | 18 | 13.8% | 12 | 66.7% | 9.2% |
| 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% |
| 2014 | 24 | 6.7% | 7 | 29.2% | 2.0% | 46 | 23.5% | 18 | 39.1% | 9.2% |
| 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% |
| 2014 | 144 | 10.5% | 81 | 56.3% | 5.9% | 125 | 19.1% | 77 | 61.6% | 11.8% |
| 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% |
| 2014 | 40 | 6.6% | 20 | 50.0% | 3.3% | 144 | 27.2% | 82 | 56.9% | 15.5% |
| 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% |
| 2014 | 16 | 8.0% | 6 | 37.5% | 3.0% | 70 | 26.0% | 37 | 52.9% | 13.8% |
| 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% |
| 2014 | 5 | 3.1% | — | — | — | 111 | 21.0% | 99 | 89.2% | 18.7% |
| 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% |
| 2014 | 87 | 9.5% | 27 | 31.0% | 2.9% | 241 | 26.5% | 114 | 47.3% | 12.5% |
| 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% |
| 2014 | 15 | 4.0% | 9 | 60.0% | 2.4% | 97 | 17.7% | 57 | 58.8% | 10.4% |
| 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% |
| 2014 | 4 | 2.9% | — | — | — | 42 | 15.1% | 26 | 61.9% | 9.3% |
| 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% |
| 2014 | 43 | 12.6% | 28 | 65.1% | 8.2% | 236 | 38.9% | 183 | 77.5% | 30.2% |
| 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% |
| 2014 | 6 | 2.3% | — | — | — | 99 | 22.9% | 67 | 67.7% | 15.5% |
| 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% |
| 2014 | 9 | 4.0% | — | — | — | 85 | 15.1% | 50 | 58.8% | 8.9% |
| 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% |
| 2014 | 8 | 2.9% | — | — | — | 47 | 14.7% | 34 | 72.3% | 10.7% |
| 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% |
| 2014 | 15 | 1.9% | 9 | 60.0% | 1.2% | 268 | 24.2% | 196 | 73.1% | 17.7% |
| 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% |
| 2014 | 19 | 9.4% | 8 | 42.1% | 3.9% | 48 | 24.2% | 28 | 58.3% | 14.1% |
| 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% |
| 2014 | 47 | 8.6% | 26 | 55.3% | 4.8% | 69 | 26.4% | 41 | 59.4% | 15.7% |
| 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% |
| 2014 | 62 | 8.1% | 29 | 46.8% | 3.8% | 107 | 28.7% | 56 | 52.3% | 15.0% |
| 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% |
| 2014 | 5 | 2.4% | — | — | — | 18 | 9.3% | 9 | 50.0% | 4.7% |
| 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% |
| 2014 | 28 | 11.8% | 14 | 50.0% | 5.9% | 124 | 31.2% | 62 | 50.0% | 15.6% |
| 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% |
| 2014 | 158 | 9.0% | 51 | 32.3% | 2.9% | 113 | 24.0% | 43 | 38.1% | 9.1% |
| 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% |
| 2014 | 52 | 3.6% | 5 | 9.6% | 0.3% | 18 | 7.5% | 4 | 22.2% | 1.7% |
| 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% |
| 2014 | 5 | 2.9% | — | — | — | 60 | 16.3% | 37 | 61.7% | 10.1% |
| 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% |
| 2014 | 2 | 0.6% | — | — | — | 24 | 10.1% | 15 | 62.5% | 6.3% |
| 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% |
| 2014 | 51 | 6.9% | 12 | 23.5% | 1.6% | 105 | 21.0% | 46 | 43.8% | 9.2% |
| 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% |
| 2014 | 40 | 16.9% | 15 | 37.5% | 6.3% | 111 | 33.1% | 57 | 51.4% | 17.0% |
| 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% |
| 2014 | 59 | 7.5% | 18 | 30.5% | 2.3% | 87 | 30.9% | 43 | 49.4% | 15.2% |
| 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% |
| 2014 | 113 | 9.0% | 32 | 28.3% | 2.6% | 23 | 14.4% | 5 | 21.7% | 3.1% |
| 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% |
| 2014 | 194 | 16.5% | 56 | 28.9% | 4.8% | 56 | 30.9% | 28 | 50.0% | 15.5% |
| 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% |
| 2014 | 78 | 7.7% | 10 | 12.8% | 1.0% | 59 | 15.3% | 16 | 27.1% | 4.2% |

| **Table B-2. ELA—Number and Percentage of High Need & Non-High Need Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 1,442 | 5.0% | 442 | 30.7% | 1.5% | 2,671 | 14.3% | 1,477 | 55.3% | 7.9% |
| 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% |
| 2014 | 21 | 4.3% | 10 | 47.6% | 2.0% | 127 | 14.9% | 78 | 61.4% | 9.2% |
| 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% |
| 2014 | 9 | 3.1% | — | — | — | 22 | 11.1% | 8 | 36.4% | 4.0% |
| 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% |
| 2014 | 61 | 7.3% | 19 | 31.1% | 2.3% | 171 | 18.2% | 79 | 46.2% | 8.4% |
| 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% |
| 2014 | 8 | 3.4% | — | — | — | 93 | 19.8% | 49 | 52.7% | 10.4% |
| 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% |
| 2014 | 62 | 11.9% | 7 | 11.3% | 1.3% | 6 | 17.1% | — | — | — |
| 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% | 0 | 0.0% | 0.0% |
| 2014 | 59 | 5.4% | 2 | 3.4% | 0.2% | 3 | 5.7% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 30 | 8.0% | 0 | 0.0% | 0.0% | 12 | 17.9% | 0 | 0.0% | 0.0% |
| 2013 | 33 | 9.8% | 1 | 3.0% | 0.3% | 6 | 7.9% | — | — | — |
| 2014 | 26 | 5.8% | 1 | 3.8% | 0.2% | 5 | 21.7% | — | — | — |
| 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% |
| 2014 | 38 | 2.7% | 8 | 21.1% | 0.6% | 6 | 5.6% | — | — | — |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 20 | 11.8% | 2 | 10.0% | 1.2% | 15 | 25.4% | 1 | 6.7% | 1.7% |
| 2013 | 13 | 6.5% | 2 | 15.4% | 1.0% | 7 | 10.4% | — | — | — |
| 2014 | 40 | 13.1% | 7 | 17.5% | 2.3% | 16 | 39.0% | 4 | 25.0% | 9.8% |
| 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% |
| 2014 | 92 | 8.1% | 36 | 39.1% | 3.2% | 24 | 9.2% | 12 | 50.0% | 4.6% |
| 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% |
| 2014 | 38 | 14.3% | 7 | 18.4% | 2.6% | 8 | 19.0% | — | — | — |
| 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% |
| 2014 | 16 | 4.0% | 13 | 81.3% | 3.2% | 23 | 8.1% | 15 | 65.2% | 5.3% |
| 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% |
| 2014 | 68 | 5.2% | 24 | 35.3% | 1.8% | 27 | 8.9% | 11 | 40.7% | 3.6% |
| 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% |
| 2014 | 3 | 0.9% | — | — | — | 80 | 10.5% | 64 | 80.0% | 8.4% |
| 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% |
| 2014 | 13 | 3.8% | 3 | 23.1% | 0.9% | 67 | 15.2% | 41 | 61.2% | 9.3% |
| 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% |
| 2014 | 3 | 1.5% | — | — | — | 46 | 10.6% | 35 | 76.1% | 8.1% |
| 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% |
| 2014 | 10 | 3.4% | 4 | 40.0% | 1.4% | 64 | 7.5% | 49 | 76.6% | 5.8% |
| 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% |
| 2014 | 18 | 8.8% | 3 | 16.7% | 1.5% | 94 | 33.1% | 40 | 42.6% | 14.1% |
| 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% |
| 2014 | 64 | 3.7% | 26 | 40.6% | 1.5% | 90 | 13.3% | 42 | 46.7% | 6.2% |
| 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% |
| 2014 | 5 | 2.6% | — | — | — | 8 | 6.2% | — | — | — |
| 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% |
| 2014 | 22 | 6.2% | 4 | 18.2% | 1.1% | 45 | 23.0% | 16 | 35.6% | 8.2% |
| 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% |
| 2014 | 48 | 3.5% | 32 | 66.7% | 2.3% | 49 | 7.5% | 33 | 67.3% | 5.0% |
| 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% |
| 2014 | 25 | 4.1% | 9 | 36.0% | 1.5% | 105 | 19.8% | 59 | 56.2% | 11.2% |
| 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% |
| 2014 | 13 | 6.5% | 4 | 30.8% | 2.0% | 46 | 17.1% | 20 | 43.5% | 7.4% |
| 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% |
| 2014 | 4 | 2.5% | — | — | — | 57 | 10.8% | 54 | 94.7% | 10.2% |
| 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% |
| 2014 | 50 | 5.4% | 14 | 28.0% | 1.5% | 145 | 15.9% | 69 | 47.6% | 7.6% |
| 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% |
| 2014 | 8 | 2.2% | — | — | — | 51 | 9.3% | 36 | 70.6% | 6.6% |
| 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% |
| 2014 | 4 | 2.9% | — | — | — | 28 | 10.0% | 19 | 67.9% | 6.8% |
| 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% |
| 2014 | 35 | 10.3% | 21 | 60.0% | 6.2% | 193 | 31.8% | 136 | 70.5% | 22.4% |
| 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% |
| 2014 | 5 | 1.9% | — | — | — | 67 | 15.5% | 46 | 68.7% | 10.6% |
| 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% |
| 2014 | 3 | 1.3% | — | — | — | 25 | 4.4% | 15 | 60.0% | 2.7% |
| 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% |
| 2014 | 7 | 2.5% | — | — | — | 40 | 12.5% | 24 | 60.0% | 7.5% |
| 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% |
| 2014 | 7 | 0.9% | — | — | — | 135 | 12.2% | 89 | 65.9% | 8.0% |
| 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% |
| 2014 | 14 | 6.9% | 7 | 50.0% | 3.4% | 41 | 20.7% | 23 | 56.1% | 11.6% |
| 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% |
| 2014 | 28 | 5.1% | 11 | 39.3% | 2.0% | 42 | 16.1% | 23 | 54.8% | 8.8% |
| 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% |
| 2014 | 37 | 4.9% | 18 | 48.6% | 2.4% | 75 | 20.1% | 35 | 46.7% | 9.4% |
| Salem Academy Charter School | 2012 | 9 | 4.2% | — | — | — | 7 | 5.0% | — | — | — |
| 2013 | 7 | 4.2% | — | — | — | 9 | 5.6% | — | — | — |
| 2014 | 4 | 1.9% | — | — | — | 16 | 8.3% | 9 | 56.3% | 4.7% |
| 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% |
| 2014 | 21 | 8.9% | 9 | 42.9% | 3.8% | 105 | 26.4% | 53 | 50.5% | 13.4% |
| 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% |
| 2014 | 140 | 8.0% | 38 | 27.1% | 2.2% | 108 | 22.9% | 37 | 34.3% | 7.9% |
| 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% |
| 2014 | 40 | 2.8% | 2 | 5.0% | 0.1% | 12 | 5.0% | 3 | 25.0% | 1.2% |
| 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% |
| 2014 | 1 | 0.6% | — | — | — | 23 | 6.3% | 13 | 56.5% | 3.5% |
| 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% |
| 2014 | 1 | 0.3% | — | — | — | 18 | 7.6% | 9 | 50.0% | 3.8% |
| 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% |
| 2014 | 46 | 6.2% | 9 | 19.6% | 1.2% | 94 | 18.8% | 39 | 41.5% | 7.8% |
| 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% |
| 2014 | 14 | 5.9% | 8 | 57.1% | 3.4% | 39 | 11.6% | 29 | 74.4% | 8.7% |
| 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% |
| 2014 | 29 | 3.7% | 7 | 24.1% | 0.9% | 58 | 20.6% | 24 | 41.4% | 8.5% |
| 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% |
| 2014 | 60 | 4.8% | 12 | 20.0% | 1.0% | 12 | 7.5% | 4 | 33.3% | 2.5% |
| 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% |
| 2014 | 93 | 7.9% | 15 | 16.1% | 1.3% | 36 | 19.9% | 15 | 41.7% | 8.3% |
| 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% |
| 2014 | 29 | 2.9% | 8 | 27.6% | 0.8% | 26 | 6.8% | 12 | 46.2% | 3.1% |

| **Table B-3. MATHEMATICS—Number and Percentage of High Need & Non-High Need Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 866 | 3.0% | 302 | 34.9% | 1.0% | 1,513 | 8.1% | 858 | 56.7% | 4.6% |
| 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% |
| 2014 | 7 | 1.4% | — | — | — | 51 | 6.0% | 36 | 70.6% | 4.2% |
| 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% |
| 2014 | 12 | 4.1% | 4 | 33.3% | 1.4% | 22 | 11.1% | 7 | 31.8% | 3.5% |
| 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% |
| 2014 | 15 | 1.8% | 8 | 53.3% | 1.0% | 78 | 8.3% | 42 | 53.8% | 4.5% |
| Bellingham High School | 2012 | 0 | 0.0% | — | — | — | 19 | 3.8% | 9 | 47.4% | 1.8% |
| 2013 | 1 | 0.5% | — | — | — | 24 | 5.4% | 11 | 45.8% | 2.5% |
| 2014 | 1 | 0.4% | — | — | — | 20 | 4.3% | 5 | 25.0% | 1.1% |
| 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% |
| 2014 | 39 | 7.5% | 11 | 28.2% | 2.1% | 1 | 2.9% | — | — | — |
| 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% | — | — | — |
| 2014 | 18 | 1.6% | 4 | 22.2% | 0.4% | 4 | 7.5% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 19 | 5.0% | 0 | 0.0% | 0.0% | 5 | 7.5% | — | — | — |
| 2013 | 26 | 7.7% | 1 | 3.8% | 0.3% | 2 | 2.6% | — | — | — |
| 2014 | 10 | 2.2% | 0 | 0.0% | 0.0% | 0 | 0.0% | — | — | — |
| 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% |
| 2014 | 44 | 3.1% | 0 | 0.0% | 0.0% | 8 | 7.4% | — | — | — |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 21 | 12.4% | 0 | 0.0% | 0.0% | 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% |
| 2014 | 21 | 6.9% | 0 | 0.0% | 0.0% | 4 | 9.8% | — | — | — |
| 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% |
| 2014 | 79 | 6.9% | 44 | 55.7% | 3.9% | 11 | 4.2% | 7 | 63.6% | 2.7% |
| 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% | — | — | — |
| 2014 | 20 | 7.5% | 0 | 0.0% | 0.0% | 5 | 11.9% | — | — | — |
| 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% |
| 2014 | 16 | 4.0% | 5 | 31.3% | 1.2% | 12 | 4.2% | 5 | 41.7% | 1.8% |
| 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% |
| 2014 | 40 | 3.1% | 8 | 20.0% | 0.6% | 16 | 5.3% | 4 | 25.0% | 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% |
| 2014 | 8 | 2.4% | — | — | — | 125 | 16.4% | 79 | 63.2% | 10.4% |
| 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% |
| 2014 | 12 | 3.5% | 10 | 83.3% | 2.9% | 55 | 12.4% | 31 | 56.4% | 7.0% |
| 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% |
| 2014 | 3 | 1.5% | — | — | — | 45 | 10.4% | 35 | 77.8% | 8.1% |
| 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% |
| 2014 | 2 | 0.7% | — | — | — | 25 | 2.9% | 24 | 96.0% | 2.8% |
| Easthampton High School | 2012 | 4 | 2.0% | — | — | — | 10 | 3.5% | 10 | 100.0% | 3.5% |
| 2013 | 2 | 1.1% | — | — | — | 8 | 2.9% | — | — | — |
| 2014 | 4 | 2.0% | — | — | — | 28 | 9.9% | 24 | 85.7% | 8.5% |
| 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% |
| 2014 | 27 | 1.6% | 7 | 25.9% | 0.4% | 27 | 4.0% | 12 | 44.4% | 1.8% |
| 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% |
| 2014 | 3 | 1.6% | — | — | — | 10 | 7.7% | 7 | 70.0% | 5.4% |
| 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% |
| 2014 | 7 | 2.0% | — | — | — | 14 | 7.1% | 7 | 50.0% | 3.6% |
| 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% |
| 2014 | 61 | 4.4% | 31 | 50.8% | 2.3% | 69 | 10.6% | 39 | 56.5% | 6.0% |
| 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% |
| 2014 | 5 | 0.8% | — | — | — | 36 | 6.8% | 19 | 52.8% | 3.6% |
| 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% |
| 2014 | 1 | 0.5% | — | — | — | 17 | 6.3% | 9 | 52.9% | 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% |
| 2014 | 2 | 1.2% | — | — | — | 54 | 10.2% | 46 | 85.2% | 8.7% |
| 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% |
| 2014 | 23 | 2.5% | 10 | 43.5% | 1.1% | 84 | 9.2% | 32 | 38.1% | 3.5% |
| 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% |
| 2014 | 9 | 2.4% | — | — | — | 49 | 8.9% | 24 | 49.0% | 4.4% |
| Narragansett Regional High School | 2012 | 3 | 1.9% | — | — | — | 21 | 6.8% | 9 | 42.9% | 2.9% |
| 2013 | 0 | 0.0% | — | — | — | 30 | 8.2% | 13 | 43.3% | 3.6% |
| 2014 | 0 | 0.0% | — | — | — | 23 | 8.2% | 11 | 47.8% | 3.9% |
| 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% |
| 2014 | 6 | 1.8% | — | — | — | 60 | 9.9% | 47 | 78.3% | 7.8% |
| 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% |
| 2014 | 2 | 0.8% | — | — | — | 35 | 8.1% | 19 | 54.3% | 4.4% |
| 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% |
| 2014 | 6 | 2.7% | — | — | — | 65 | 11.5% | 33 | 50.8% | 5.9% |
| 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% |
| 2014 | 3 | 1.1% | — | — | — | 17 | 5.3% | 15 | 88.2% | 4.7% |
| 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% |
| 2014 | 4 | 0.5% | — | — | — | 88 | 7.9% | 70 | 79.5% | 6.3% |
| 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% |
| 2014 | 8 | 3.9% | — | — | — | 19 | 9.6% | 12 | 63.2% | 6.1% |
| 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% |
| 2014 | 13 | 2.4% | 9 | 69.2% | 1.6% | 36 | 13.8% | 17 | 47.2% | 6.5% |
| 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% |
| 2014 | 22 | 2.9% | 8 | 36.4% | 1.0% | 41 | 11.0% | 24 | 58.5% | 6.4% |
| Salem Academy Charter School | 2012 | 4 | 1.9% | — | — | — | 5 | 3.5% | — | — | — |
| 2013 | 4 | 2.4% | — | — | — | 7 | 4.4% | — | — | — |
| 2014 | 3 | 1.4% | — | — | — | 8 | 4.1% | — | — | — |
| 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% |
| 2014 | 6 | 2.5% | — | — | — | 39 | 9.8% | 22 | 56.4% | 5.5% |
| 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% |
| 2014 | 55 | 3.1% | 15 | 27.3% | 0.9% | 34 | 7.2% | 11 | 32.4% | 2.3% |
| 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% | — | — | — |
| 2014 | 14 | 1.0% | 3 | 21.4% | 0.2% | 5 | 2.1% | — | — | — |
| Uxbridge High School | 2012 | 0 | 0.0% | — | — | — | 26 | 7.6% | 23 | 88.5% | 6.8% |
| 2013 | 1 | 0.8% | — | — | — | 39 | 11.4% | 23 | 59.0% | 6.7% |
| 2014 | 2 | 1.2% | — | — | — | 25 | 6.8% | 17 | 68.0% | 4.6% |
| Ware Junior Senior High School | 2012 | 0 | 0.0% | — | — | — | 2 | 0.8% | — | — | — |
| 2013 | 1 | 0.4% | — | — | — | 8 | 3.6% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 1 | 0.4% | — | — | — |
| 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% |
| 2014 | 12 | 1.6% | 4 | 33.3% | 0.5% | 21 | 4.2% | 15 | 71.4% | 3.0% |
| 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% |
| 2014 | 19 | 8.0% | 6 | 31.6% | 2.5% | 46 | 13.7% | 18 | 39.1% | 5.4% |
| 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% |
| 2014 | 20 | 2.5% | 5 | 25.0% | 0.6% | 27 | 9.6% | 14 | 51.9% | 5.0% |
| 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% |
| 2014 | 63 | 5.0% | 19 | 30.2% | 1.5% | 13 | 8.1% | 1 | 7.7% | 0.6% |
| 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% |
| 2014 | 97 | 8.3% | 40 | 41.2% | 3.4% | 25 | 13.8% | 12 | 48.0% | 6.6% |
| 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% |
| 2014 | 22 | 2.2% | 1 | 4.5% | 0.1% | 15 | 3.9% | 2 | 13.3% | 0.5% |

| **Table B-4. SCIENCE—Number and Percentage of High Need & Non-High Need Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 865 | 3.0% | 295 | 34.1% | 1.0% | 1,520 | 8.1% | 869 | 57.2% | 4.6% |
| 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% |
| 2014 | 11 | 2.2% | 3 | 27.3% | 0.6% | 73 | 8.6% | 43 | 58.9% | 5.1% |
| 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% |
| 2014 | 2 | 0.7% | — | — | — | 4 | 2.0% | — | — | — |
| 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% |
| 2014 | 13 | 1.5% | 6 | 46.2% | 0.7% | 84 | 9.0% | 60 | 71.4% | 6.4% |
| 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% |
| 2014 | 1 | 0.4% | — | — | — | 41 | 8.7% | 17 | 41.5% | 3.6% |
| Boston–Boston Community Leadership Academy | 2012 | 12 | 2.7% | 2 | 16.7% | 0.4% | 0 | 0.0% | — | — | — |
| 2013 | 16 | 3.9% | 3 | 18.8% | 0.7% | 2 | 2.9% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| Boston–Brighton High School | 2012 | 28 | 2.4% | 1 | 3.6% | 0.1% | 7 | 4.0% | — | — | — |
| 2013 | 7 | 0.8% | — | — | — | 3 | 1.8% | — | — | — |
| 2014 | 24 | 2.2% | 2 | 8.3% | 0.2% | 2 | 3.8% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 7 | 1.9% | — | — | — | 4 | 6.0% | — | — | — |
| 2013 | 11 | 3.3% | 0 | 0.0% | 0.0% | 2 | 2.6% | — | — | — |
| 2014 | 7 | 1.6% | — | — | — | 1 | 4.3% | — | — | — |
| Boston–East Boston High School | 2012 | 10 | 0.9% | 0 | 0.0% | 0.0% | 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% |
| 2014 | 18 | 1.3% | 3 | 16.7% | 0.2% | 7 | 6.5% | — | — | — |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 6 | 3.5% | — | — | — | 7 | 11.9% | — | — | — |
| 2013 | 9 | 4.5% | — | — | — | 8 | 11.9% | — | — | — |
| 2014 | 14 | 4.6% | 0 | 0.0% | 0.0% | 3 | 7.3% | — | — | — |
| 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% |
| 2014 | 73 | 6.4% | 22 | 30.1% | 1.9% | 9 | 3.5% | — | — | — |
| Boston–New Mission High School | 2012 | 14 | 6.2% | 1 | 7.1% | 0.4% | 5 | 12.5% | — | — | — |
| 2013 | 15 | 6.9% | 0 | 0.0% | 0.0% | 5 | 10.4% | — | — | — |
| 2014 | 26 | 9.8% | 4 | 15.4% | 1.5% | 3 | 7.1% | — | — | — |
| Boston Collegiate Charter School | 2012 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2013 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 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% |
| 2014 | 64 | 4.9% | 37 | 57.8% | 2.8% | 25 | 8.3% | 15 | 60.0% | 5.0% |
| Danvers High School | 2012 | 1 | 0.3% | — | — | — | 38 | 4.9% | 21 | 55.3% | 2.7% |
| 2013 | 0 | 0.0% | — | — | — | 53 | 7.1% | 36 | 67.9% | 4.8% |
| 2014 | 4 | 1.2% | — | — | — | 42 | 5.5% | 29 | 69.0% | 3.8% |
| 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% |
| 2014 | 15 | 4.3% | 5 | 33.3% | 1.4% | 43 | 9.7% | 19 | 44.2% | 4.3% |
| 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% |
| 2014 | 3 | 1.5% | — | — | — | 22 | 5.1% | 16 | 72.7% | 3.7% |
| 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% |
| 2014 | 5 | 1.7% | — | — | — | 51 | 6.0% | 36 | 70.6% | 4.2% |
| Easthampton High School | 2012 | 1 | 0.5% | — | — | — | 7 | 2.4% | — | — | — |
| 2013 | 3 | 1.6% | — | — | — | 5 | 1.8% | — | — | — |
| 2014 | 1 | 0.5% | — | — | — | 8 | 2.8% | — | — | — |
| 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% |
| 2014 | 30 | 1.7% | 11 | 36.7% | 0.6% | 45 | 6.7% | 21 | 46.7% | 3.1% |
| Gill-Montague–Turner’s Falls High School | 2012 | 0 | 0.0% | — | — | — | 3 | 2.1% | — | — | — |
| 2013 | 1 | 0.7% | — | — | — | 8 | 5.9% | — | — | — |
| 2014 | 2 | 1.1% | — | — | — | 3 | 2.3% | — | — | — |
| Greenfield High School | 2012 | 2 | 0.6% | — | — | — | 10 | 5.3% | 1 | 10.0% | 0.5% |
| 2013 | 4 | 1.3% | — | — | — | 5 | 3.0% | — | — | — |
| 2014 | 7 | 2.0% | — | — | — | 11 | 5.6% | 5 | 45.5% | 2.6% |
| 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% |
| 2014 | 98 | 7.1% | 49 | 50.0% | 3.6% | 75 | 11.5% | 42 | 56.0% | 6.4% |
| 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% |
| 2014 | 20 | 3.3% | 13 | 65.0% | 2.1% | 62 | 11.7% | 36 | 58.1% | 6.8% |
| 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% |
| 2014 | 5 | 2.5% | — | — | — | 35 | 13.0% | 18 | 51.4% | 6.7% |
| 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% |
| 2014 | 2 | 1.2% | — | — | — | 57 | 10.8% | 40 | 70.2% | 7.6% |
| 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% |
| 2014 | 42 | 4.6% | 11 | 26.2% | 1.2% | 89 | 9.8% | 40 | 44.9% | 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% |
| 2014 | 2 | 0.5% | — | — | — | 23 | 4.2% | 12 | 52.2% | 2.2% |
| Narragansett Regional High School | 2012 | 1 | 0.6% | — | — | — | 16 | 5.2% | 14 | 87.5% | 4.5% |
| 2013 | 0 | 0.0% | — | — | — | 25 | 6.8% | 15 | 60.0% | 4.1% |
| 2014 | 0 | 0.0% | — | — | — | 4 | 1.4% | — | — | — |
| 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% |
| 2014 | 11 | 3.2% | 9 | 81.8% | 2.6% | 108 | 17.8% | 105 | 97.2% | 17.3% |
| 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% |
| 2014 | 1 | 0.4% | — | — | — | 23 | 5.3% | 9 | 39.1% | 2.1% |
| 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% |
| 2014 | 0 | 0.0% | — | — | — | 22 | 3.9% | 19 | 86.4% | 3.4% |
| Palmer High School | 2012 | 0 | 0.0% | — | — | — | 6 | 1.7% | — | — | — |
| 2013 | 0 | 0.0% | — | — | — | 10 | 3.2% | 5 | 50.0% | 1.6% |
| 2014 | 0 | 0.0% | — | — | — | 4 | 1.3% | — | — | — |
| 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% |
| 2014 | 8 | 1.0% | — | — | — | 117 | 10.6% | 90 | 76.9% | 8.1% |
| Quaboag Regional Middle High School | 2012 | 2 | 0.7% | — | — | — | 7 | 2.1% | — | — | — |
| 2013 | 2 | 0.7% | — | — | — | 10 | 3.4% | 5 | 50.0% | 1.7% |
| 2014 | 0 | 0.0% | — | — | — | 7 | 3.5% | — | — | — |
| 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% |
| 2014 | 23 | 4.2% | 12 | 52.2% | 2.2% | 34 | 13.0% | 22 | 64.7% | 8.4% |
| 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% |
| 2014 | 25 | 3.3% | 9 | 36.0% | 1.2% | 38 | 10.2% | 18 | 47.4% | 4.8% |
| Salem Academy Charter School | 2012 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2013 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2014 | 3 | 1.4% | — | — | — | 7 | 3.6% | — | — | — |
| 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% |
| 2014 | 13 | 5.5% | 5 | 38.5% | 2.1% | 62 | 15.6% | 25 | 40.3% | 6.3% |
| 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% |
| 2014 | 34 | 1.9% | 10 | 29.4% | 0.6% | 22 | 4.7% | 10 | 45.5% | 2.1% |
| Springfield–High School of Science & Technology | 2012 | 14 | 1.0% | 0 | 0.0% | 0.0% | 2 | 0.9% | — | — | — |
| 2013 | 20 | 1.8% | 3 | 15.0% | 0.3% | 8 | 4.2% | — | — | — |
| 2014 | 22 | 1.5% | 2 | 9.1% | 0.1% | 5 | 2.1% | — | — | — |
| 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% |
| 2014 | 3 | 1.7% | — | — | — | 23 | 6.3% | 13 | 56.5% | 3.5% |
| Ware Junior Senior High School | 2012 | 3 | 1.0% | — | — | — | 7 | 2.7% | — | — | — |
| 2013 | 3 | 1.2% | — | — | — | 14 | 6.2% | 9 | 64.3% | 4.0% |
| 2014 | 1 | 0.3% | — | — | — | 9 | 3.8% | — | — | — |
| 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% |
| 2014 | 13 | 1.7% | 4 | 30.8% | 0.5% | 23 | 4.6% | 6 | 26.1% | 1.2% |
| 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% |
| 2014 | 27 | 11.4% | 6 | 22.2% | 2.5% | 80 | 23.9% | 29 | 36.3% | 8.7% |
| 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% |
| 2014 | 42 | 5.3% | 13 | 31.0% | 1.6% | 51 | 18.1% | 21 | 41.2% | 7.4% |
| 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% | — | — | — |
| 2014 | 29 | 2.3% | 14 | 48.3% | 1.1% | 6 | 3.8% | — | — | — |
| 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% |
| 2014 | 83 | 7.1% | 18 | 21.7% | 1.5% | 20 | 11.0% | 9 | 45.0% | 5.0% |
| 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% |
| 2014 | 38 | 3.7% | 1 | 2.6% | 0.1% | 37 | 9.6% | 5 | 13.5% | 1.3% |

# Appendix C

**Appendix C**

**AP Exam Taking and Passing**

**by Gender**

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

**ELA**

**Mathematics**

**Science**

| **Table C-1. AT LEAST 1—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | 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% |
| 2014 | 3,819 | 16.3% | 1,813 | 47.5% | 7.8% | 2,573 | 10.6% | 1,369 | 53.2% | 5.6% |
| 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% |
| 2014 | 113 | 17.7% | 67 | 59.3% | 10.5% | 81 | 11.5% | 55 | 67.9% | 7.8% |
| 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% |
| 2014 | 29 | 13.1% | 11 | 37.9% | 5.0% | 29 | 10.7% | 12 | 41.4% | 4.4% |
| 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% |
| 2014 | 174 | 20.9% | 80 | 46.0% | 9.6% | 119 | 12.6% | 66 | 55.5% | 7.0% |
| 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% |
| 2014 | 68 | 20.2% | 35 | 51.5% | 10.4% | 53 | 14.5% | 29 | 54.7% | 7.9% |
| 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% |
| 2014 | 54 | 17.5% | 8 | 14.8% | 2.6% | 22 | 8.9% | 9 | 40.9% | 3.7% |
| 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% |
| 2014 | 54 | 10.2% | 3 | 5.6% | 0.6% | 25 | 4.0% | 2 | 8.0% | 0.3% |
| Boston–Community Academy of Science and Health | 2012 | 27 | 12.4% | 0 | 0.0% | 0.0% | 23 | 10.1% | 0 | 0.0% | 0.0% |
| 2013 | 30 | 14.2% | 0 | 0.0% | 0.0% | 18 | 8.9% | 3 | 16.7% | 1.5% |
| 2014 | 20 | 8.2% | 1 | 5.0% | 0.4% | 18 | 8.0% | 1 | 5.6% | 0.4% |
| 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% |
| 2014 | 61 | 9.1% | 7 | 11.5% | 1.0% | 28 | 3.2% | 5 | 17.9% | 0.6% |
| 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% |
| 2014 | 58 | 24.5% | 10 | 17.2% | 4.2% | 15 | 13.6% | 2 | 13.3% | 1.8% |
| 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% |
| 2014 | 151 | 19.3% | 56 | 37.1% | 7.1% | 81 | 13.1% | 51 | 63.0% | 8.3% |
| 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% |
| 2014 | 38 | 24.5% | 2 | 5.3% | 1.3% | 27 | 17.8% | 7 | 25.9% | 4.6% |
| 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% |
| 2014 | 34 | 9.4% | 22 | 64.7% | 6.1% | 16 | 4.9% | 9 | 56.3% | 2.8% |
| 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% |
| 2014 | 90 | 11.7% | 39 | 43.3% | 5.1% | 71 | 8.5% | 34 | 47.9% | 4.1% |
| 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% |
| 2014 | 108 | 19.5% | 76 | 70.4% | 13.7% | 86 | 15.9% | 63 | 73.3% | 11.7% |
| 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% |
| 2014 | 88 | 23.7% | 49 | 55.7% | 13.2% | 61 | 14.7% | 32 | 52.5% | 7.7% |
| 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% |
| 2014 | 46 | 14.4% | 33 | 71.7% | 10.3% | 38 | 12.3% | 33 | 86.8% | 10.7% |
| 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% |
| 2014 | 74 | 13.4% | 52 | 70.3% | 9.4% | 41 | 6.9% | 34 | 82.9% | 5.7% |
| 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% |
| 2014 | 66 | 26.4% | 29 | 43.9% | 11.6% | 50 | 21.0% | 26 | 52.0% | 10.9% |
| 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% |
| 2014 | 144 | 11.7% | 58 | 40.3% | 4.7% | 74 | 6.3% | 39 | 52.7% | 3.3% |
| 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% |
| 2014 | 13 | 8.1% | 9 | 69.2% | 5.6% | 12 | 7.5% | 8 | 66.7% | 5.0% |
| 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% |
| 2014 | 36 | 13.0% | 11 | 30.6% | 4.0% | 34 | 12.3% | 14 | 41.2% | 5.1% |
| 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% |
| 2014 | 149 | 15.1% | 86 | 57.7% | 8.7% | 120 | 11.5% | 72 | 60.0% | 6.9% |
| 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% |
| 2014 | 103 | 19.1% | 54 | 52.4% | 10.0% | 81 | 13.6% | 48 | 59.3% | 8.0% |
| 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% |
| 2014 | 57 | 24.1% | 28 | 49.1% | 11.8% | 29 | 12.4% | 15 | 51.7% | 6.4% |
| 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% |
| 2014 | 59 | 16.7% | 52 | 88.1% | 14.7% | 57 | 16.9% | 49 | 86.0% | 14.5% |
| 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% |
| 2014 | 201 | 22.8% | 85 | 42.3% | 9.6% | 127 | 13.4% | 56 | 44.1% | 5.9% |
| 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% |
| 2014 | 60 | 14.3% | 38 | 63.3% | 9.1% | 52 | 10.4% | 28 | 53.8% | 5.6% |
| 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% |
| 2014 | 29 | 12.9% | 18 | 62.1% | 8.0% | 17 | 8.8% | 11 | 64.7% | 5.7% |
| 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% |
| 2014 | 148 | 31.3% | 112 | 75.7% | 23.7% | 131 | 27.6% | 99 | 75.6% | 20.9% |
| 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% |
| 2014 | 74 | 22.3% | 49 | 66.2% | 14.8% | 31 | 8.6% | 22 | 71.0% | 6.1% |
| 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% |
| 2014 | 53 | 13.9% | 29 | 54.7% | 7.6% | 41 | 10.1% | 25 | 61.0% | 6.1% |
| 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% |
| 2014 | 37 | 12.4% | 25 | 67.6% | 8.4% | 18 | 6.0% | 14 | 77.8% | 4.7% |
| 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% |
| 2014 | 173 | 18.8% | 118 | 68.2% | 12.8% | 110 | 11.4% | 87 | 79.1% | 9.0% |
| 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% |
| 2014 | 45 | 21.4% | 22 | 48.9% | 10.5% | 22 | 11.5% | 14 | 63.6% | 7.3% |
| 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% |
| 2014 | 70 | 18.8% | 38 | 54.3% | 10.2% | 46 | 10.6% | 29 | 63.0% | 6.7% |
| 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% |
| 2014 | 99 | 17.6% | 53 | 53.5% | 9.4% | 70 | 12.2% | 32 | 45.7% | 5.6% |
| 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% | — | — | — |
| 2014 | 9 | 4.6% | — | — | — | 14 | 6.9% | 9 | 64.3% | 4.4% |
| 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% |
| 2014 | 100 | 30.3% | 47 | 47.0% | 14.2% | 52 | 17.1% | 29 | 55.8% | 9.5% |
| 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% |
| 2014 | 172 | 15.7% | 61 | 35.5% | 5.6% | 99 | 8.8% | 33 | 33.3% | 2.9% |
| 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% |
| 2014 | 36 | 4.8% | 4 | 11.1% | 0.5% | 34 | 3.7% | 5 | 14.7% | 0.5% |
| 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% |
| 2014 | 38 | 14.2% | 20 | 52.6% | 7.5% | 27 | 9.9% | 20 | 74.1% | 7.4% |
| 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% |
| 2014 | 20 | 7.2% | 11 | 55.0% | 4.0% | 6 | 2.2% | — | — | — |
| 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% |
| 2014 | 95 | 15.4% | 29 | 30.5% | 4.7% | 61 | 9.7% | 29 | 47.5% | 4.6% |
| 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% |
| 2014 | 94 | 30.8% | 44 | 46.8% | 14.4% | 57 | 21.3% | 28 | 49.1% | 10.5% |
| 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% |
| 2014 | 92 | 17.3% | 37 | 40.2% | 6.9% | 54 | 10.0% | 24 | 44.4% | 4.5% |
| 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% |
| 2014 | 74 | 11.7% | 20 | 27.0% | 3.1% | 62 | 8.0% | 17 | 27.4% | 2.2% |
| 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% |
| 2014 | 134 | 21.6% | 53 | 39.6% | 8.5% | 116 | 15.8% | 31 | 26.7% | 4.2% |
| 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% |
| 2014 | 79 | 10.6% | 18 | 22.8% | 2.4% | 58 | 8.9% | 8 | 13.8% | 1.2% |

| **Table C-2. ELA—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 2,737 | 11.7% | 1,266 | 46.3% | 5.4% | 1,375 | 5.7% | 653 | 47.5% | 2.7% |
| 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% |
| 2014 | 95 | 14.9% | 53 | 55.8% | 8.3% | 53 | 7.5% | 35 | 66.0% | 5.0% |
| 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% |
| 2014 | 22 | 10.0% | 8 | 36.4% | 3.6% | 9 | 3.3% | — | — | — |
| 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% |
| 2014 | 154 | 18.5% | 62 | 40.3% | 7.4% | 78 | 8.3% | 36 | 46.2% | 3.8% |
| 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% |
| 2014 | 64 | 19.0% | 33 | 51.6% | 9.8% | 37 | 10.1% | 20 | 54.1% | 5.5% |
| 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% |
| 2014 | 53 | 17.2% | 5 | 9.4% | 1.6% | 15 | 6.1% | 2 | 13.3% | 0.8% |
| 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% | 0 | 0.0% | 0.0% |
| 2014 | 43 | 8.1% | 2 | 4.7% | 0.4% | 19 | 3.0% | 0 | 0.0% | 0.0% |
| Boston–Community Academy of Science and Health | 2012 | 22 | 10.1% | 0 | 0.0% | 0.0% | 20 | 8.8% | 0 | 0.0% | 0.0% |
| 2013 | 25 | 11.8% | 0 | 0.0% | 0.0% | 14 | 6.9% | 2 | 14.3% | 1.0% |
| 2014 | 16 | 6.6% | 1 | 6.3% | 0.4% | 15 | 6.7% | 0 | 0.0% | 0.0% |
| 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% |
| 2014 | 36 | 5.4% | 6 | 16.7% | 0.9% | 8 | 0.9% | — | — | — |
| 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% | — | — | — |
| 2014 | 45 | 19.0% | 10 | 22.2% | 4.2% | 11 | 10.0% | 1 | 9.1% | 0.9% |
| 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% |
| 2014 | 82 | 10.5% | 30 | 36.6% | 3.8% | 34 | 5.5% | 18 | 52.9% | 2.9% |
| 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% |
| 2014 | 27 | 17.4% | 2 | 7.4% | 1.3% | 19 | 12.5% | 7 | 36.8% | 4.6% |
| 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% |
| 2014 | 28 | 7.7% | 21 | 75.0% | 5.8% | 11 | 3.4% | 7 | 63.6% | 2.2% |
| 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% |
| 2014 | 61 | 8.0% | 22 | 36.1% | 2.9% | 34 | 4.1% | 13 | 38.2% | 1.6% |
| 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% |
| 2014 | 63 | 11.4% | 49 | 77.8% | 8.8% | 20 | 3.7% | 17 | 85.0% | 3.1% |
| 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% |
| 2014 | 58 | 15.6% | 36 | 62.1% | 9.7% | 22 | 5.3% | 8 | 36.4% | 1.9% |
| 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% |
| 2014 | 29 | 9.1% | 21 | 72.4% | 6.6% | 20 | 6.5% | 17 | 85.0% | 5.5% |
| 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% |
| 2014 | 53 | 9.6% | 39 | 73.6% | 7.0% | 21 | 3.5% | 14 | 66.7% | 2.4% |
| 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% |
| 2014 | 66 | 26.4% | 26 | 39.4% | 10.4% | 46 | 19.3% | 17 | 37.0% | 7.1% |
| 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% |
| 2014 | 110 | 9.0% | 46 | 41.8% | 3.7% | 44 | 3.7% | 22 | 50.0% | 1.9% |
| 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% | — | — | — |
| 2014 | 8 | 5.0% | — | — | — | 5 | 3.1% | — | — | — |
| 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% |
| 2014 | 35 | 12.6% | 10 | 28.6% | 3.6% | 31 | 11.2% | 10 | 32.3% | 3.6% |
| 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% |
| 2014 | 68 | 6.9% | 45 | 66.2% | 4.6% | 29 | 2.8% | 20 | 69.0% | 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% |
| 2014 | 70 | 13.0% | 34 | 48.6% | 6.3% | 60 | 10.1% | 34 | 56.7% | 5.7% |
| 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% |
| 2014 | 40 | 16.9% | 18 | 45.0% | 7.6% | 19 | 8.2% | 6 | 31.6% | 2.6% |
| 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% |
| 2014 | 40 | 11.3% | 37 | 92.5% | 10.5% | 21 | 6.2% | 19 | 90.5% | 5.6% |
| 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% |
| 2014 | 137 | 15.6% | 54 | 39.4% | 6.1% | 58 | 6.1% | 29 | 50.0% | 3.1% |
| 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% |
| 2014 | 41 | 9.8% | 30 | 73.2% | 7.2% | 18 | 3.6% | 11 | 61.1% | 2.2% |
| 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% |
| 2014 | 21 | 9.3% | 15 | 71.4% | 6.7% | 11 | 5.7% | 7 | 63.6% | 3.6% |
| 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% |
| 2014 | 128 | 27.1% | 88 | 68.8% | 18.6% | 100 | 21.1% | 69 | 69.0% | 14.6% |
| 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% |
| 2014 | 59 | 17.8% | 40 | 67.8% | 12.0% | 13 | 3.6% | 10 | 76.9% | 2.8% |
| 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% |
| 2014 | 18 | 4.7% | 11 | 61.1% | 2.9% | 10 | 2.5% | 6 | 60.0% | 1.5% |
| 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% |
| 2014 | 33 | 11.0% | 20 | 60.6% | 6.7% | 14 | 4.7% | 8 | 57.1% | 2.7% |
| 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% |
| 2014 | 92 | 10.0% | 58 | 63.0% | 6.3% | 50 | 5.2% | 36 | 72.0% | 3.7% |
| 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% |
| 2014 | 36 | 17.1% | 19 | 52.8% | 9.0% | 19 | 9.9% | 11 | 57.9% | 5.8% |
| 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% |
| 2014 | 45 | 12.1% | 25 | 55.6% | 6.7% | 25 | 5.7% | 9 | 36.0% | 2.1% |
| 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% |
| 2014 | 75 | 13.4% | 39 | 52.0% | 7.0% | 37 | 6.4% | 14 | 37.8% | 2.4% |
| 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% | — | — | — |
| 2014 | 8 | 4.1% | — | — | — | 12 | 5.9% | 8 | 66.7% | 3.9% |
| 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% |
| 2014 | 87 | 26.4% | 40 | 46.0% | 12.1% | 39 | 12.8% | 22 | 56.4% | 7.2% |
| 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% |
| 2014 | 159 | 14.5% | 56 | 35.2% | 5.1% | 89 | 7.9% | 19 | 21.3% | 1.7% |
| 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% |
| 2014 | 31 | 4.1% | 2 | 6.5% | 0.3% | 21 | 2.3% | 3 | 14.3% | 0.3% |
| 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% |
| 2014 | 20 | 7.5% | 11 | 55.0% | 4.1% | 4 | 1.5% | — | — | — |
| 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% |
| 2014 | 15 | 5.4% | 7 | 46.7% | 2.5% | 4 | 1.4% | — | — | — |
| 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% |
| 2014 | 91 | 14.7% | 25 | 27.5% | 4.1% | 49 | 7.8% | 23 | 46.9% | 3.7% |
| 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% |
| 2014 | 43 | 14.1% | 28 | 65.1% | 9.2% | 10 | 3.7% | 9 | 90.0% | 3.4% |
| 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% |
| 2014 | 67 | 12.6% | 23 | 34.3% | 4.3% | 20 | 3.7% | 8 | 40.0% | 1.5% |
| 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% |
| 2014 | 48 | 7.6% | 10 | 20.8% | 1.6% | 24 | 3.1% | 6 | 25.0% | 0.8% |
| 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% |
| 2014 | 78 | 12.6% | 25 | 32.1% | 4.0% | 51 | 6.9% | 5 | 9.8% | 0.7% |
| 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% |
| 2014 | 39 | 5.2% | 15 | 38.5% | 2.0% | 16 | 2.5% | 5 | 31.3% | 0.8% |

| **Table C-3. MATHEMATICS—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 1,262 | 5.4% | 558 | 44.2% | 2.4% | 1,117 | 4.6% | 602 | 53.9% | 2.5% |
| 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% |
| 2014 | 28 | 4.4% | 17 | 60.7% | 2.7% | 30 | 4.2% | 22 | 73.3% | 3.1% |
| Athol High School | 2012 | 9 | 4.3% | — | — | — | 12 | 5.3% | 6 | 50.0% | 2.7% |
| 2013 | 8 | 4.6% | — | — | — | 10 | 5.3% | 3 | 30.0% | 1.6% |
| 2014 | 11 | 5.0% | 4 | 36.4% | 1.8% | 23 | 8.5% | 7 | 30.4% | 2.6% |
| 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% |
| 2014 | 40 | 4.8% | 22 | 55.0% | 2.6% | 53 | 5.6% | 28 | 52.8% | 3.0% |
| 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% |
| 2014 | 9 | 2.7% | — | — | — | 12 | 3.3% | 3 | 25.0% | 0.8% |
| 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% |
| 2014 | 28 | 9.1% | 3 | 10.7% | 1.0% | 12 | 4.9% | 8 | 66.7% | 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% |
| 2014 | 11 | 2.1% | 2 | 18.2% | 0.4% | 11 | 1.8% | 2 | 18.2% | 0.3% |
| Boston–Community Academy of Science and Health | 2012 | 11 | 5.1% | 0 | 0.0% | 0.0% | 13 | 5.7% | 0 | 0.0% | 0.0% |
| 2013 | 17 | 8.0% | 0 | 0.0% | 0.0% | 11 | 5.4% | 2 | 18.2% | 1.0% |
| 2014 | 5 | 2.0% | — | — | — | 5 | 2.2% | — | — | — |
| 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% |
| 2014 | 34 | 5.1% | 0 | 0.0% | 0.0% | 18 | 2.1% | 0 | 0.0% | 0.0% |
| 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% |
| 2014 | 19 | 8.0% | 0 | 0.0% | 0.0% | 6 | 5.5% | — | — | — |
| 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% |
| 2014 | 48 | 6.1% | 22 | 45.8% | 2.8% | 42 | 6.8% | 29 | 69.0% | 4.7% |
| Boston–New Mission High School | 2012 | 16 | 11.9% | 2 | 12.5% | 1.5% | 8 | 6.0% | — | — | — |
| 2013 | 14 | 10.4% | 0 | 0.0% | 0.0% | 11 | 8.4% | 3 | 27.3% | 2.3% |
| 2014 | 19 | 12.3% | 0 | 0.0% | 0.0% | 6 | 3.9% | — | — | — |
| 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% |
| 2014 | 19 | 5.2% | 6 | 31.6% | 1.7% | 9 | 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% |
| 2014 | 31 | 4.0% | 5 | 16.1% | 0.7% | 25 | 3.0% | 7 | 28.0% | 0.8% |
| 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% |
| 2014 | 63 | 11.4% | 34 | 54.0% | 6.1% | 70 | 13.0% | 50 | 71.4% | 9.3% |
| 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% |
| 2014 | 32 | 8.6% | 17 | 53.1% | 4.6% | 35 | 8.4% | 24 | 68.6% | 5.8% |
| 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% |
| 2014 | 24 | 7.5% | 16 | 66.7% | 5.0% | 24 | 7.8% | 21 | 87.5% | 6.8% |
| 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% |
| 2014 | 16 | 2.9% | 15 | 93.8% | 2.7% | 11 | 1.9% | 11 | 100.0% | 1.9% |
| Easthampton High School | 2012 | 10 | 4.1% | 10 | 100.0% | 4.1% | 4 | 1.7% | 4 | 100.0% | 1.7% |
| 2013 | 5 | 2.1% | — | — | — | 5 | 2.3% | — | — | — |
| 2014 | 13 | 5.2% | 11 | 84.6% | 4.4% | 19 | 8.0% | 16 | 84.2% | 6.7% |
| 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% |
| 2014 | 28 | 2.3% | 8 | 28.6% | 0.7% | 26 | 2.2% | 11 | 42.3% | 0.9% |
| 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% | — | — | — |
| 2014 | 5 | 3.1% | — | — | — | 8 | 5.0% | — | — | — |
| 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% |
| 2014 | 13 | 4.7% | 5 | 38.5% | 1.8% | 8 | 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% |
| 2014 | 70 | 7.1% | 35 | 50.0% | 3.6% | 60 | 5.7% | 35 | 58.3% | 3.3% |
| 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% |
| 2014 | 20 | 3.7% | 10 | 50.0% | 1.9% | 21 | 3.5% | 12 | 57.1% | 2.0% |
| 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% |
| 2014 | 13 | 5.5% | 8 | 61.5% | 3.4% | 5 | 2.1% | — | — | — |
| 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% |
| 2014 | 28 | 7.9% | 22 | 78.6% | 6.2% | 28 | 8.3% | 26 | 92.9% | 7.7% |
| 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% |
| 2014 | 62 | 7.0% | 26 | 41.9% | 3.0% | 45 | 4.7% | 16 | 35.6% | 1.7% |
| 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% |
| 2014 | 27 | 6.4% | 13 | 48.1% | 3.1% | 31 | 6.2% | 14 | 45.2% | 2.8% |
| 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% | — | — | — |
| 2014 | 17 | 7.6% | 6 | 35.3% | 2.7% | 6 | 3.1% | — | — | — |
| 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% |
| 2014 | 32 | 6.8% | 24 | 75.0% | 5.1% | 34 | 7.2% | 26 | 76.5% | 5.5% |
| 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% |
| 2014 | 21 | 6.3% | 11 | 52.4% | 3.3% | 16 | 4.4% | 10 | 62.5% | 2.8% |
| 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% |
| 2014 | 38 | 10.0% | 16 | 42.1% | 4.2% | 33 | 8.1% | 19 | 57.6% | 4.7% |
| 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% |
| 2014 | 11 | 3.7% | 8 | 72.7% | 2.7% | 9 | 3.0% | — | — | — |
| 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% |
| 2014 | 48 | 5.2% | 37 | 77.1% | 4.0% | 44 | 4.6% | 36 | 81.8% | 3.7% |
| 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% |
| 2014 | 18 | 8.6% | 8 | 44.4% | 3.8% | 9 | 4.7% | — | — | — |
| 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% |
| 2014 | 24 | 6.4% | 8 | 33.3% | 2.1% | 25 | 5.7% | 18 | 72.0% | 4.1% |
| Salem High School | 2012 | 24 | 3.8% | 15 | 62.5% | 2.4% | 17 | 2.5% | 10 | 58.8% | 1.5% |
| 2013 | 17 | 3.0% | 0 | 0.0% | 0.0% | 16 | 2.9% | 7 | 43.8% | 1.3% |
| 2014 | 27 | 4.8% | 14 | 51.9% | 2.5% | 36 | 6.3% | 18 | 50.0% | 3.1% |
| Salem Academy Charter School | 2012 | 5 | 2.8% | — | — | — | 4 | 2.3% | — | — | — |
| 2013 | 4 | 2.4% | — | — | — | 7 | 4.3% | — | — | — |
| 2014 | 6 | 3.0% | — | — | — | 5 | 2.5% | — | — | — |
| 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% |
| 2014 | 24 | 7.3% | 12 | 50.0% | 3.6% | 21 | 6.9% | 15 | 71.4% | 4.9% |
| 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% |
| 2014 | 55 | 5.0% | 17 | 30.9% | 1.6% | 34 | 3.0% | 9 | 26.5% | 0.8% |
| 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% |
| 2014 | 9 | 1.2% | — | — | — | 10 | 1.1% | 2 | 20.0% | 0.2% |
| 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% |
| 2014 | 17 | 6.4% | 11 | 64.7% | 4.1% | 10 | 3.7% | 7 | 70.0% | 2.6% |
| Ware Junior Senior High School | 2012 | 0 | 0.0% | — | — | — | 2 | 0.7% | — | — | — |
| 2013 | 7 | 2.9% | — | — | — | 2 | 0.8% | — | — | — |
| 2014 | 1 | 0.4% | — | — | — | 0 | 0.0% | — | — | — |
| 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% |
| 2014 | 15 | 2.4% | 7 | 46.7% | 1.1% | 18 | 2.9% | 12 | 66.7% | 1.9% |
| 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% |
| 2014 | 32 | 10.5% | 13 | 40.6% | 4.3% | 33 | 12.4% | 11 | 33.3% | 4.1% |
| 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% |
| 2014 | 24 | 4.5% | 9 | 37.5% | 1.7% | 23 | 4.3% | 10 | 43.5% | 1.9% |
| 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% |
| 2014 | 37 | 5.8% | 12 | 32.4% | 1.9% | 39 | 5.0% | 8 | 20.5% | 1.0% |
| 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% |
| 2014 | 71 | 11.5% | 33 | 46.5% | 5.3% | 51 | 6.9% | 19 | 37.3% | 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% |
| 2014 | 19 | 2.5% | 2 | 10.5% | 0.3% | 18 | 2.8% | 1 | 5.6% | 0.2% |

| **Table C-4. SCIENCE—Number and Percentage of Female and Male Students Taking and Passing AP Exams SY11–12 to SY13–14** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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% |
| 2014 | 1,241 | 5.3% | 530 | 42.7% | 2.3% | 1,144 | 4.7% | 634 | 55.4% | 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% |
| 2014 | 44 | 6.9% | 22 | 50.0% | 3.4% | 40 | 5.7% | 24 | 60.0% | 3.4% |
| 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% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 6 | 2.2% | — | — | — |
| 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% |
| 2014 | 40 | 4.8% | 22 | 55.0% | 2.6% | 57 | 6.0% | 44 | 77.2% | 4.7% |
| 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% |
| 2014 | 17 | 5.0% | 6 | 35.3% | 1.8% | 25 | 6.8% | 11 | 44.0% | 3.0% |
| Boston–Boston Community Leadership Academy | 2012 | 6 | 2.2% | — | — | — | 6 | 2.6% | — | — | — |
| 2013 | 15 | 5.6% | 2 | 13.3% | 0.7% | 3 | 1.4% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| Boston–Brighton High School | 2012 | 26 | 4.3% | 2 | 7.7% | 0.3% | 9 | 1.2% | — | — | — |
| 2013 | 2 | 0.4% | — | — | — | 8 | 1.4% | — | — | — |
| 2014 | 17 | 3.2% | 1 | 5.9% | 0.2% | 9 | 1.4% | — | — | — |
| Boston–Community Academy of Science and Health | 2012 | 7 | 3.2% | — | — | — | 4 | 1.8% | — | — | — |
| 2013 | 8 | 3.8% | — | — | — | 5 | 2.5% | — | — | — |
| 2014 | 5 | 2.0% | — | — | — | 3 | 1.3% | — | — | — |
| 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% |
| 2014 | 17 | 2.5% | 2 | 11.8% | 0.3% | 8 | 0.9% | — | — | — |
| Boston–Edward M. Kennedy Academy for Health Careers | 2012 | 13 | 8.6% | 0 | 0.0% | 0.0% | 0 | 0.0% | — | — | — |
| 2013 | 13 | 7.2% | 2 | 15.4% | 1.1% | 4 | 4.7% | — | — | — |
| 2014 | 13 | 5.5% | 1 | 7.7% | 0.4% | 4 | 3.6% | — | — | — |
| 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% |
| 2014 | 52 | 6.6% | 8 | 15.4% | 1.0% | 30 | 4.9% | 15 | 50.0% | 2.4% |
| Boston–New Mission High School | 2012 | 12 | 9.0% | 0 | 0.0% | 0.0% | 7 | 5.3% | — | — | — |
| 2013 | 13 | 9.7% | 0 | 0.0% | 0.0% | 7 | 5.3% | — | — | — |
| 2014 | 13 | 8.4% | 0 | 0.0% | 0.0% | 16 | 10.5% | 4 | 25.0% | 2.6% |
| Boston Collegiate Charter School | 2012 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2013 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 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% |
| 2014 | 49 | 6.4% | 24 | 49.0% | 3.1% | 40 | 4.8% | 28 | 70.0% | 3.3% |
| 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% |
| 2014 | 23 | 4.1% | 15 | 65.2% | 2.7% | 23 | 4.3% | 15 | 65.2% | 2.8% |
| 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% |
| 2014 | 33 | 8.9% | 12 | 36.4% | 3.2% | 25 | 6.0% | 12 | 48.0% | 2.9% |
| 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% |
| 2014 | 8 | 2.5% | — | — | — | 17 | 5.5% | 15 | 88.2% | 4.9% |
| 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% |
| 2014 | 30 | 5.4% | 16 | 53.3% | 2.9% | 26 | 4.4% | 22 | 84.6% | 3.7% |
| Easthampton High School | 2012 | 5 | 2.0% | — | — | — | 3 | 1.3% | — | — | — |
| 2013 | 4 | 1.7% | — | — | — | 4 | 1.8% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 9 | 3.8% | — | — | — |
| 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% |
| 2014 | 47 | 3.8% | 16 | 34.0% | 1.3% | 28 | 2.4% | 16 | 57.1% | 1.4% |
| Gill-Montague–Turner’s Falls High School | 2012 | 1 | 0.6% | — | — | — | 2 | 1.2% | — | — | — |
| 2013 | 4 | 2.9% | — | — | — | 5 | 3.5% | — | — | — |
| 2014 | 3 | 1.9% | — | — | — | 2 | 1.3% | — | — | — |
| Greenfield High School | 2012 | 1 | 0.4% | — | — | — | 11 | 4.1% | 1 | 9.1% | 0.4% |
| 2013 | 4 | 1.7% | — | — | — | 5 | 2.0% | — | — | — |
| 2014 | 5 | 1.8% | — | — | — | 13 | 4.7% | 9 | 69.2% | 3.3% |
| 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% |
| 2014 | 85 | 8.6% | 39 | 45.9% | 4.0% | 88 | 8.4% | 52 | 59.1% | 5.0% |
| 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% |
| 2014 | 45 | 8.3% | 28 | 62.2% | 5.2% | 37 | 6.2% | 21 | 56.8% | 3.5% |
| 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% |
| 2014 | 24 | 10.1% | 10 | 41.7% | 4.2% | 16 | 6.9% | 10 | 62.5% | 4.3% |
| 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% |
| 2014 | 23 | 6.5% | 17 | 73.9% | 4.8% | 36 | 10.7% | 24 | 66.7% | 7.1% |
| 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% |
| 2014 | 62 | 7.0% | 27 | 43.5% | 3.1% | 69 | 7.3% | 24 | 34.8% | 2.5% |
| 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% |
| 2014 | 13 | 3.1% | 7 | 53.8% | 1.7% | 12 | 2.4% | 6 | 50.0% | 1.2% |
| Narragansett Regional High School | 2012 | 9 | 3.6% | — | — | — | 8 | 3.7% | — | — | — |
| 2013 | 22 | 9.3% | 14 | 63.6% | 5.9% | 3 | 1.6% | — | — | — |
| 2014 | 0 | 0.0% | — | — | — | 4 | 2.1% | — | — | — |
| 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% |
| 2014 | 52 | 11.0% | 51 | 98.1% | 10.8% | 67 | 14.1% | 63 | 94.0% | 13.3% |
| 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% |
| 2014 | 16 | 4.8% | 6 | 37.5% | 1.8% | 8 | 2.2% | — | — | — |
| 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% |
| 2014 | 18 | 4.7% | 15 | 83.3% | 3.9% | 4 | 1.0% | — | — | — |
| Palmer High School | 2012 | 3 | 0.9% | — | — | — | 3 | 1.0% | — | — | — |
| 2013 | 3 | 1.1% | — | — | — | 7 | 2.9% | — | — | — |
| 2014 | 1 | 0.3% | — | — | — | 3 | 1.0% | — | — | — |
| 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% |
| 2014 | 67 | 7.3% | 46 | 68.7% | 5.0% | 58 | 6.0% | 48 | 82.8% | 5.0% |
| Quaboag Regional Middle High School | 2012 | 4 | 1.2% | — | — | — | 5 | 1.6% | — | — | — |
| 2013 | 8 | 2.8% | — | — | — | 4 | 1.4% | — | — | — |
| 2014 | 6 | 2.9% | — | — | — | 1 | 0.5% | — | — | — |
| 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% |
| 2014 | 36 | 9.7% | 19 | 52.8% | 5.1% | 21 | 4.8% | 15 | 71.4% | 3.4% |
| 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% |
| 2014 | 37 | 6.6% | 16 | 43.2% | 2.9% | 26 | 4.5% | 11 | 42.3% | 1.9% |
| Salem Academy Charter School | 2012 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2013 | 0 | 0.0% | — | — | — | 0 | 0.0% | — | — | — |
| 2014 | 6 | 3.0% | — | — | — | 4 | 2.0% | — | — | — |
| 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% |
| 2014 | 43 | 13.0% | 14 | 32.6% | 4.2% | 32 | 10.5% | 16 | 50.0% | 5.3% |
| 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% |
| 2014 | 32 | 2.9% | 9 | 28.1% | 0.8% | 24 | 2.1% | 11 | 45.8% | 1.0% |
| Springfield–High School of Science & Technology | 2012 | 6 | 0.8% | — | — | — | 10 | 1.2% | 0 | 0.0% | 0.0% |
| 2013 | 10 | 1.7% | 2 | 20.0% | 0.3% | 18 | 2.5% | 2 | 11.1% | 0.3% |
| 2014 | 12 | 1.6% | 1 | 8.3% | 0.1% | 15 | 1.6% | 2 | 13.3% | 0.2% |
| 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% |
| 2014 | 10 | 3.7% | 3 | 30.0% | 1.1% | 16 | 5.9% | 12 | 75.0% | 4.4% |
| Ware Junior Senior High School | 2012 | 10 | 3.5% | 5 | 50.0% | 1.8% | 0 | 0.0% | — | — | — |
| 2013 | 12 | 5.0% | 8 | 66.7% | 3.3% | 5 | 2.1% | — | — | — |
| 2014 | 7 | 2.5% | — | — | — | 3 | 1.1% | — | — | — |
| 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% |
| 2014 | 17 | 2.8% | 4 | 23.5% | 0.6% | 19 | 3.0% | 6 | 31.6% | 1.0% |
| 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% |
| 2014 | 62 | 20.3% | 17 | 27.4% | 5.6% | 45 | 16.9% | 18 | 40.0% | 6.7% |
| 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% |
| 2014 | 51 | 9.6% | 17 | 33.3% | 3.2% | 42 | 7.8% | 17 | 40.5% | 3.2% |
| 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% |
| 2014 | 13 | 2.0% | 6 | 46.2% | 0.9% | 22 | 2.8% | 10 | 45.5% | 1.3% |
| 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% |
| 2014 | 45 | 7.3% | 11 | 24.4% | 1.8% | 58 | 7.9% | 16 | 27.6% | 2.2% |
| 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% |
| 2014 | 42 | 5.6% | 4 | 9.5% | 0.5% | 33 | 5.1% | 2 | 6.1% | 0.3% |

1. About 160 students transferred from one program school to another in the course of the 2014 school year. Absent a means to assign “credit” for the student to either of the two schools, these students were double-counted in these analyses. Such transferring students made up a very small percentage of the 2014 data—just 0.3% of students. [↑](#footnote-ref-1)