

MEMORANDUM

November 7, 2012

TO: Board Members

FROM: Terry B. Grier, Ed.D.
Superintendent of Schools

SUBJECT: **ADVANCED PLACEMENT (AP) REPORT: 2011–2012**

CONTACT: Carla Stevens, Research and Accountability, 713-556-6700

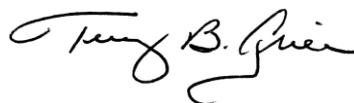
The Department of Research and Accountability has completed the 2011–2012 Advanced Placement (AP) Report. The AP program directly supports HISD's Strategic Direction for Core Initiative 3: Rigorous Instructional Standards and Supports. The AP Program provides high school students with the opportunity to take college-level courses and earn college credit. A possible 37 AP exams are offered in 22 subject areas, and exams are administered over a two week period each year in May. The AP grade scale ranges from 1 to 5, and a score of 3 or higher qualifies a student to earn advanced placement, college credit, or both. Some key findings are as follows:

- Over the past six years, the number of Advanced Placement (AP) exams taken by HISD high-school students has increased from 9,088 in 2007 to 23,227 in 2012.
- While the number of exams scored at a 3 or higher has increased from 4,304 in 2007 to 7,106 in 2012 at the high-school level, the percentage has decreased from 47 percent in 2007 to 31 percent in 2012.
- For the district as a whole in 2012, 11,543 out of 32,184, or 36% of students in grades 10-12 were enrolled in at least one AP course. Of students enrolled in an AP course, 10,573 completed at least one AP course (92%).
- In 2012, Hispanic and African American students represented the largest student groups in grades 10 through 12; however, far fewer than half Hispanic and African American students were enrolled in an AP course. By contrast, more than half of White and Asian American students in grades 10-12 were enrolled in at least one AP course.
- Eighty-nine percent of AP exams that were scored at a 3 or higher were linked to students who received an A or B in the AP course. Of the 13,354 AP course grades of either A or B, 37 percent were linked to students who scored at or above a 3 on the AP exam.
- For the classes of 2010 and 2011, HISD trailed Texas and the nation in the percentage of graduates who passed an AP exam with a score of 3 or higher. However, in 2011, HISD outperformed the state and the nation in the percentage of graduates who took an AP exam at some point in their high school career.

Administrative Response

Houston ISD's Advanced Placement program continues to focus on providing professional development based on the data indicated in this report as well as what teachers have indicated they need. By working directly with organizations such as College Board and Laying the Foundation, training offered for Pre-AP and AP teachers provides direct instruction on strategies that assist students. In addition, HISD has begun hosting AP Professional Learning Communities for HISD AP teachers to participate in throughout the year. Led by highly effective HISD AP teachers, this program provides participants the opportunity to share best practices and ideas for the AP classroom in 16 different AP subjects. The district's efforts to provide teachers with specific professional development are also aligned to HISD's AP results. The growth in HISD's AP numbers for both participation and performance are an indication of the dedication of HISD AP teachers, administrators and students who have come to understand the importance of this program.

Attached is the complete report including an analysis of districtwide results as well as for all HISD schools that had participating students. Data presented include AP course enrollment, AP course completion, and AP exam participation and performance. Results were analyzed by grade, race/ethnicity, and gender.



TBG

Attachment

cc: Superintendent's Direct Reports
Chief School Officers
School Improvement Officers
Alan Summers
Nefertari Mundy
Estibaliz E. Arriaga
High School Principals



RESEARCH

Educational Program Report

ADVANCED PLACEMENT (AP)
REPORT 2011-2012

DEPARTMENT OF RESEARCH AND ACCOUNTABILITY
HOUSTON INDEPENDENT SCHOOL DISTRICT



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Advanced Placement 2011–2012

Introduction

The College Board’s Advanced Placement (AP) Program provides participating high school students with the opportunity to take college-level courses and earn college credit, advanced placement, or both. A possible 37 examinations, covering 22 subject areas, are administered in May at participating schools. Ninety percent of colleges and universities grant credit, placement, or both to students receiving a qualifying score (usually 3 or higher on a scale of 1 to 5) on an AP exam.

Studies show that students who take AP courses and exams are more likely to succeed in college. Families may also experience financial benefits if their child receives advanced placement, college credit or both. Other benefits afforded to students include opportunities that lead to scholarships or recognition. The Siemens Awards for Advanced Placement is a scholarship with an award ranging from \$2,000 to \$5,000 given to two students (one male and one female) from each of the 50 states, and the AP program also offers a number of Scholar Awards to AP students who have shown outstanding achievement, which is acknowledged on any grade report that is sent to colleges the following fall. In addition, teachers involved in the AP program benefit from professional development opportunities such as workshops and Summer Institutes (College Board, AP Central, 2008g).

For the 2011–2012 school year, all courses labeled as “AP” by HISD were authorized through the College Board AP Course Audit process. This audit process will ensure that quality courses meeting “AP” requirements are being offered, and that colleges and universities have a venue to review authorized courses offered by secondary schools (College Board, AP Central, 2008f).

Administration

The Educational Testing Services (ETS) mails out the AP exams along with other exam-related materials to participating schools in April or early May. The AP exams are administered each year in May over a two-week period. Once testing is completed, all AP exams are returned to ETS.

Scoring

Each examination subject is graded on a scale of 1 (No recommendation) to 5 (Extremely well qualified). Typically, scores of 3 or above qualify a student to receive advanced placement, college credit, or both. Multiple-choice sections are scored by computer. The free-response section is typically scored using a three-step process: development of preliminary scoring standards, establishment of final scoring standards, and the reading. AP examinations may be compared from one year to another through equating (College Board, AP Central, 2004).

Methods

Data Limitations

The College Board receives AP data from the Educational Testing Service (ETS). It is important to understand that the extracts are made from a “live” database that changes from one day to the next as scoring and adjustments to individual student records progresses in the months following the examination administration. **Therefore, discrepancies may exist between the three sources of data that are used for AP exam reporting purposes, namely the College Board Reports (hard copy), the AP Online Score Reports, and the College Board (electronic) data file based on the time of the data extract.** AP data for prior years were extracted from the most recent, updated files available at the time of the present report, and data for the current school year were extracted from the July 30, 2012 electronic files.

To provide disaggregated student level demographic information, the College Board AP electronic databases were matched to the Public Education Information Management System (PEIMS) database, and the Chancery End-of-Year (EOY) data files. Since the PEIMS database reflects a snapshot taken on the last Friday in October, those students who were not present would not be included in the database. Students who were identified as enrolled in AP courses were required to be active students as of the EOY database and to have completed the course with a final semester grade or final grade in both the fall and spring semesters of a full-year course.

Participants

Longitudinal test performance from 2007–2012, along with demographic information supplied by students, was reported to HISD for each participating campus by the College Board via printed reports and an electronic database. The 2012 global scores for test performance by subject were extracted from the 2012 College Board Report. These data, together with enrollment data from PEIMS and Chancery, were analyzed. State-level data, including the number of AP subject tests taken along with the percentage of scores that were 3 or above, were extracted from the 2011–2012 College Board Reports. Participation rates for juniors and seniors were calculated by dividing the number of students tested by the PEIMS snapshot of fall enrollment for the same group. Participation rates for juniors and seniors were calculated across the district and by school.

The number of students eligible to complete AP courses consists of those enrolled in both semesters of a two-semester course as per the Chancery EOY database and/or those enrolled in a one-semester course. Completion percentages are based on the number of students eligible to complete and the number completing an AP course.

Course completion was determined by counting those students who received a semester average grade of 70 or higher for both semesters of a two-semester course or receiving a 70 or higher for a one-semester course. Once this number was computed, it was divided by the total number of students who were eligible to complete an AP course.

Mean test scores by gender, race/ethnicity, and economic status for AP subjects were analyzed by comparing mean scores. To determine the percentage of students who scored 3 or above on AP subject tests by race/ethnicity, the total number of tests scoring a 3 or higher was divided by the total number of tests taken for each ethnic category.

Data Collection and Analysis

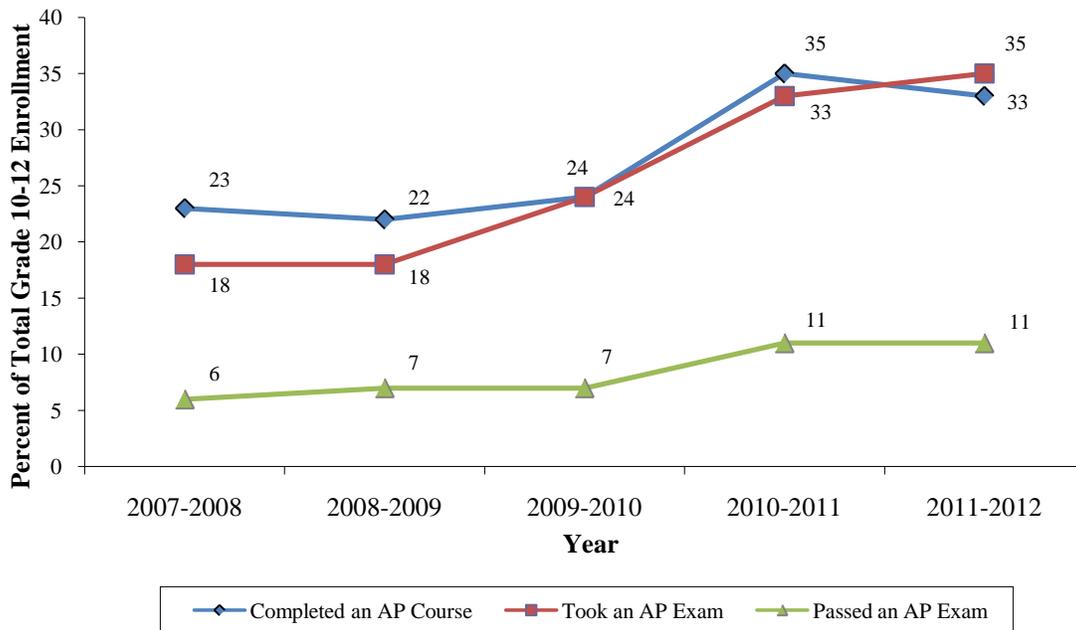
The College Board reported test performance, along with demographic information supplied by the students to HISD. These data included results for all HISD schools that had participating students. These data, together with enrollment data from the Public Education Information Management System (PEIMS) database, were analyzed. Analyses were conducted using the aggregated data by grade, race/ethnicity, and gender. Results were analyzed districtwide and by campus level.

Results

Districtwide Participation

The total number of exams taken by HISD students increased to 23,227 in 2012 from 21,347 in 2011, up by 9 percentage points, or 1,880 exams. The percent of exams scored at a 3 or higher was 31 percent, the same as it was in 2011. **Figure 1** shows the percent of students in grades 10–12 who completed at least one AP course, the percent who took at least one AP exam, and the percent who passed at least one AP exam with a score of 3 or higher from 2008 to 2012. Percentages are based on grades 10–12 enrollment and reflect an unduplicated count of students.

Figure 1: Grade 10-12 AP Participation and Performance



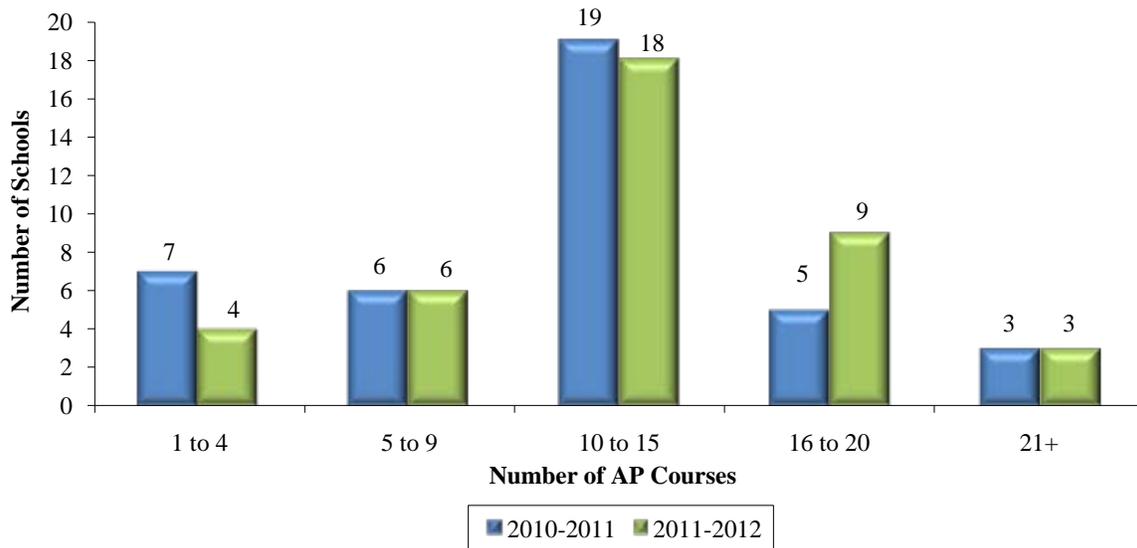
Note: Completion of an AP course is defined as receiving a passing grade at the end of the course.

- Since the 2007–2008 school year, the percentage of students in grades 10 through 12 who took at least one AP exam has increased from a low of 18 percent in 2007–2008 to a high of 35 percent in 2011–2012, an increase of 17 percentage points.
- The percentage of HISD students in grades 10 through 12 who completed at least one AP course has increased from 23 percent in 2007–2008 to 33 percent in 2011–2012, an increase of 10 percentage points.
- Eleven percent of HISD students enrolled in grades 10-12 passed at least one AP exam with a score of 3 or higher in 2011–2012, up from 6 percent in the 2007–2008 school year.

AP Course Offerings

Figure 2 shows the distribution of AP courses offered in district high schools for the 2011–2012 school year.

Figure 2: Distribution of AP Course Offerings, 2010-2011 and 2011-2012



Note: Includes only campuses offering at least one AP course for the specified years.

- In the 2010–2011 school year, 40 HISD high schools offered at least one AP course, and in 2011–2012, the number of HISD high schools offering at least one AP course remained the same at 40.
- Ten district campuses offered between one and nine AP courses in 2011–2012, compared to 13 campuses in 2010–2011. There was one fewer high school that offered between 10 and 15 AP courses in 2012 compared to 2011, and there was an increase in the number of campuses offering 16 to 20 AP courses, from 5 in 2010–2011 to 9 in 2011–2012.

Participation by Student Group

The number of HISD students who took an AP exam, number of exams taken, and number of exams scored 3 or higher for grades 9–12 by race/ethnicity and economic status are presented in **Table 1**. The number of exam takers reflects an unduplicated count of students who took an exam, and the number of exams taken is a duplicated count of exams. In other words, a given student is counted once, and all the exams that student has taken are counted as well.

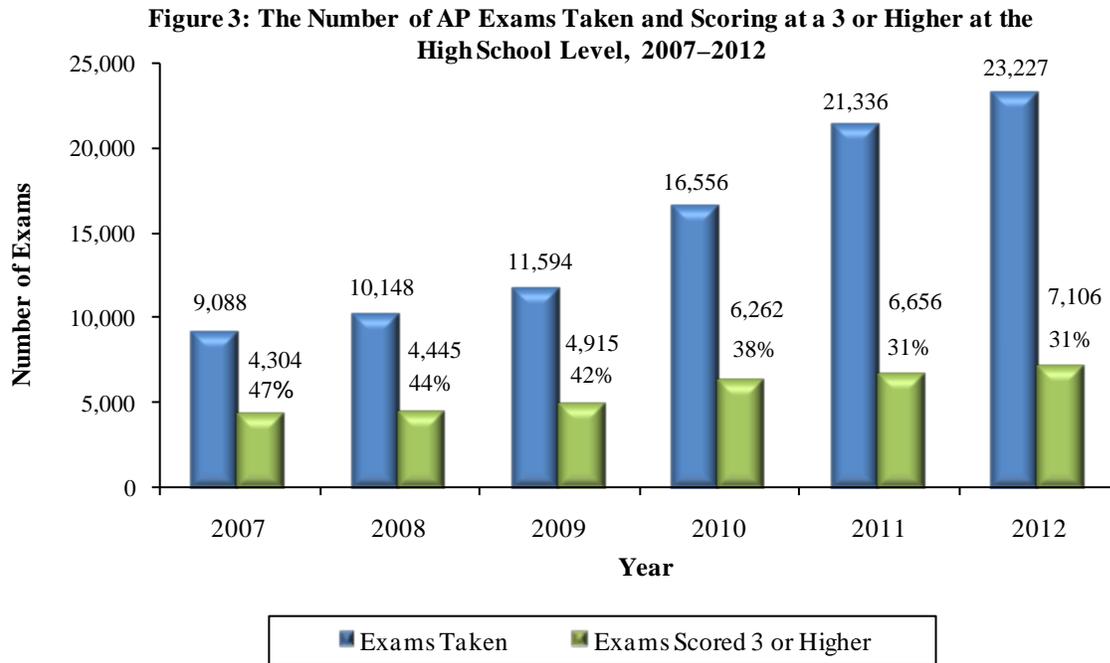
Table 1: 2012 AP Exam Participation for Grades 9-12* by Student Group				
Student Group	N Exam Takers	N Exams Taken	N Exams 3+	% Exams 3+
African American	2,654	4,317	581	13
American Indian	43	67	20	30
Asian American	917	2,323	1,545	67
Hispanic	7,299	12,047	2,750	23
White	1,881	3,515	1,904	54
No Response	262	376	101	27
Other	347	582	205	35
Female	7,432	12,759	3,746	29
Male	5,971	10,468	3,360	32
Econ Disadv.	8,656	14,284	2,902	20
Non-Econ. Disadv.	4,708	8,893	4,188	47
Unknown Econ. Status	39	50	16	32
Total	13,403	23,227	7,106	31

*Students with a grade level not indicated are included

- Hispanic students comprise the largest racial/ethnic group of students who took an AP exam in grades 9-12, accounting for over half of the exam takers and the number of exams taken. Twenty-three percent of exams taken by Hispanic students were scored at 3 or higher.
- African American students represent the second largest group of AP exam takers in grades 9-12. Out of 4,317 AP exams taken, 581 (13%) of those were scored at 3 or higher.
- White students are the next largest group who took an AP exam. Out of 3,515 AP exams taken, 1,904 (54%) of those scored at 3 or higher.
- There were 917 Asian American students in grades 9-12 who took 2,323 AP exams. Out of those exams, 1,545 (67%) were scored at 3 or higher.
- Almost two-thirds of HISD students in grades 9–12 who took an AP exam are economically disadvantaged. These students took a total of 14,284 AP exams, 2,902 (20%) of which were scored at 3 or higher.

AP Exams Taken

The number of AP exams taken at district high schools and the number and percent scored at 3 or higher are shown in **Figure 3**.



- The number of AP exams taken by high-school students increased by 1,891 (9%), from 21,336 in 2011 to 23,227 in 2012.
- Over the past six years, the number of Advanced Placement (AP) exams taken by HISD high-school students has increased from 9,088 in 2007 to 23,227 in 2012.
- While the number of exams scored at a 3 or higher has increased from 4,304 in 2007 to 7,106 in 2012 at the high-school level, the percentage has decreased from 47 percent in 2007 to 31 percent in 2012.

District Summary by Student Group

AP course completion by student groups including race/ethnicity, gender, economic status, and LEP status were examined for 2011 and 2012. The number and percent of HISD students in grades 10–12 completing AP courses are presented by student group in **Table 2**. This table reflects an unduplicated count of students for courses.

Table 2: 2011 and 2012 District Summary of AP Course Enrollment and Completion by Demographic Group, Grades 10–12 (Unduplicated Count)

Student Group	Total Gr 10-12 Enroll.	2012 AP Course Enrollment		AP Course Completion	
		Total	Percent	Total	Percent
African American	8,972	2,638	29.4	2,421	91.8
American Indian	97	29	29.9	27	93.1
Asian American	1,290	792	61.4	776	98.0
Hispanic	18,444	6,282	34.1	5,629	89.6
Pac. Is./HI	71	29	40.8	27	93.1
White	3,062	1,646	53.8	1,574	95.6
2 or More	223	127	57.0	119	93.7
Other	25				
Econ. Disadv.	23,063	7,488	32.5	6,728	89.9
Non-Eco. Disadv.	9,121	4,055	44.5	3,845	94.8
LEP	2,111	179	8.5	155	86.6
Non-LEP	30,048	11,364	37.8	10,418	91.7
No LEP Info.	25				
Female	16,119	6,400	39.7	5,960	93.1
Male	16,065	5,143	32.0	4,613	89.7
Total	32,184	11,543	35.9	10,573	91.6

Student Group	Total Gr 10-12 Enroll.	2011 AP Course Enrollment		AP Course Completion	
		Total	Percent	Total	Percent
African American	9,041	2,596	28.7	2,460	94.8
American Indian	94	27	28.7	26	96.3
Asian American	1,198	767	64.0	757	98.7
Hispanic	17,287	5,250	30.4	4,781	91.1
Pac. Is./HI	116	46	39.7	45	97.8
White	3,011	1,596	53.0	1,549	97.1
2 or More	202	107	53.0	102	95.3
Other	154	1	0.6	0	0.0
Econ. Disadv.	22,058	6,450	29.2	5,945	92.2
Non-Eco. Disadv.	9,045	3,940	43.6	3,775	95.8
LEP	1,766	49	2.8	45	91.8
Non-LEP	29,337	10,341	35.2	9,675	93.6
Female	15,827	5,787	36.6	5,476	94.6
Male	15,276	4,603	30.1	4,244	92.2
Total	31,103	10,390	33.4	9,720	93.6

- For the district as a whole in 2012, 11,543 out of 32,184, or 36% of students in grades 10-12 were enrolled in at least one AP course. Of students enrolled in an AP course, 10,573 completed at least one AP course (92%).
- In 2012, Hispanic and African American students represented the largest student groups in grades 10 through 12; however, far fewer than half Hispanic and African American students were enrolled in an AP course. By contrast, more than half of White and Asian American students in grades 10-12 were enrolled in at least one AP course.
- Each ethnic student group in 2012 showed high completion rates for completing at least one AP course, ranging from 90% for Hispanics to 98% for Asian American students.

Figures 4-10 show districtwide AP exam scores by AP course grade for all courses/exams, grouped into subjects. These figures show all AP exams that were taken only by students who received a grade in the AP course. Appendix A provides the list of AP courses that comprise the subjects in the figures.

Figure 4: HISD Frequency Distribution for All AP Subjects, AP Exam Score by AP Final Course Grade, 2011-2012

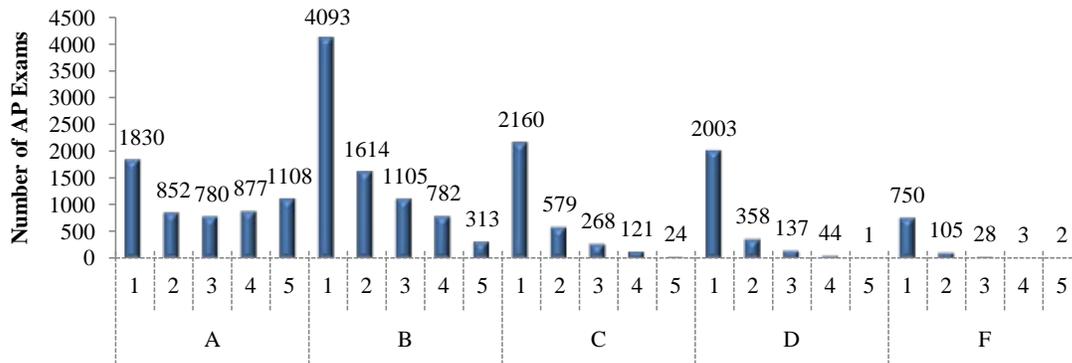


Figure 5: HISD Frequency Distribution for Art and Music Exams, AP Exam Score by AP Final Course Grade, 2011-2012

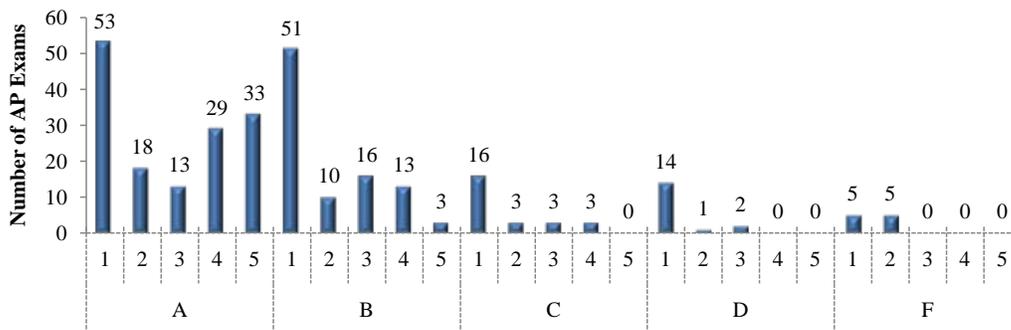


Figure 6: HISD Frequency Distribution for English Exams, AP Exam Score by AP Final Course Grade, 2011-2012

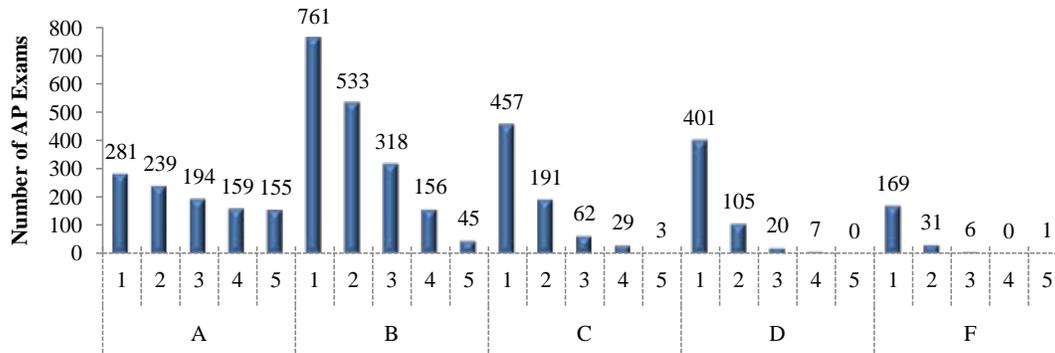


Figure 7: HISD Frequency Distribution for Foreign Language Exams, AP Exam Score by AP Final Course Grade, 2011-2012

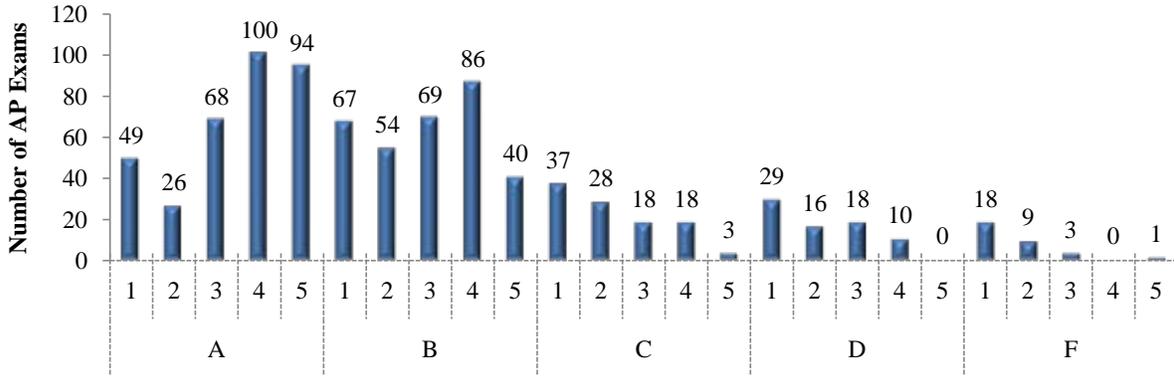


Figure 8: HISD Frequency Distribution for Math Exams, AP Exam Score by AP Final Course Grade, 2011-2012

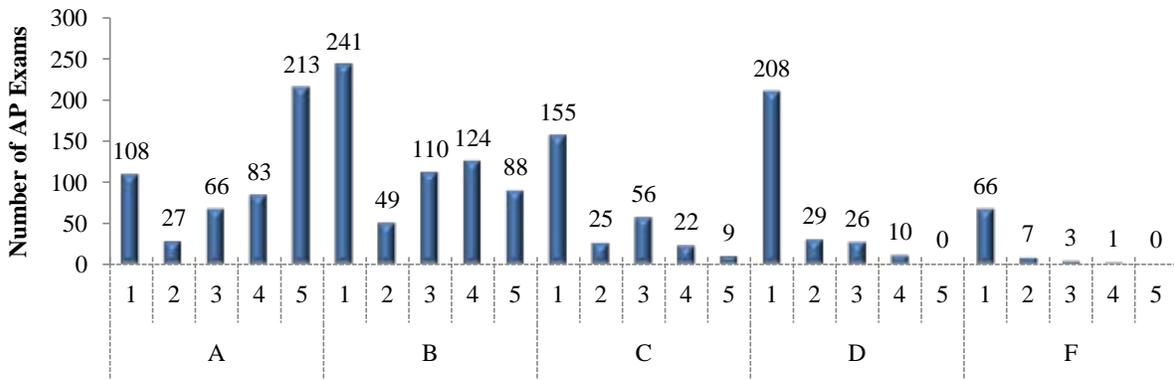


Figure 9: HISD Frequency Distribution for Science Exams, AP Exam Score by AP Final Course Grade, 2011-2012

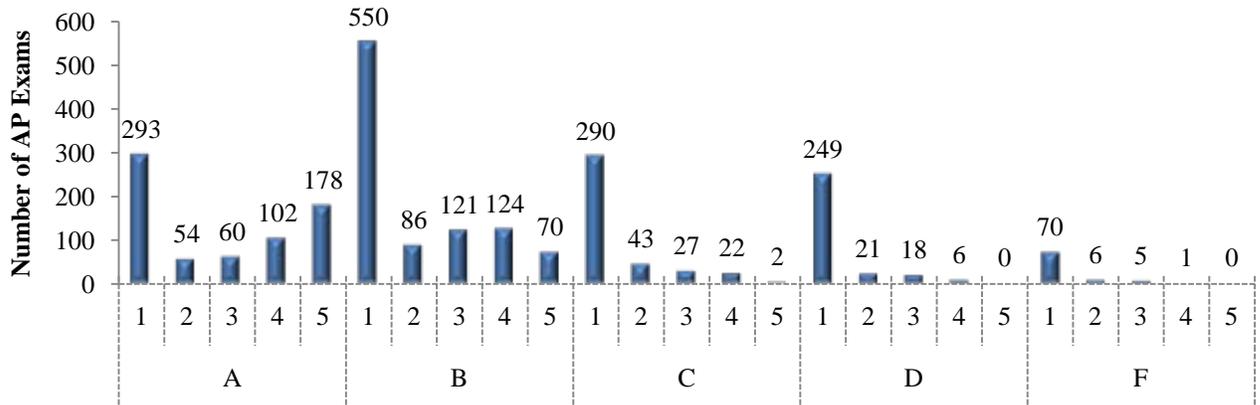
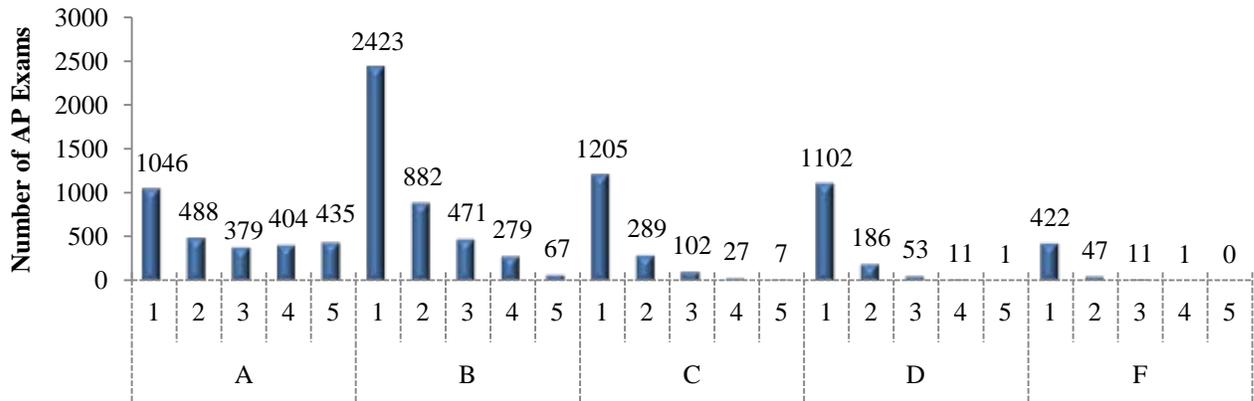


Figure 10: HISD Frequency Distribution for Social Studies Exams, AP Exam Score by AP Final Course Grade, 2011-2012

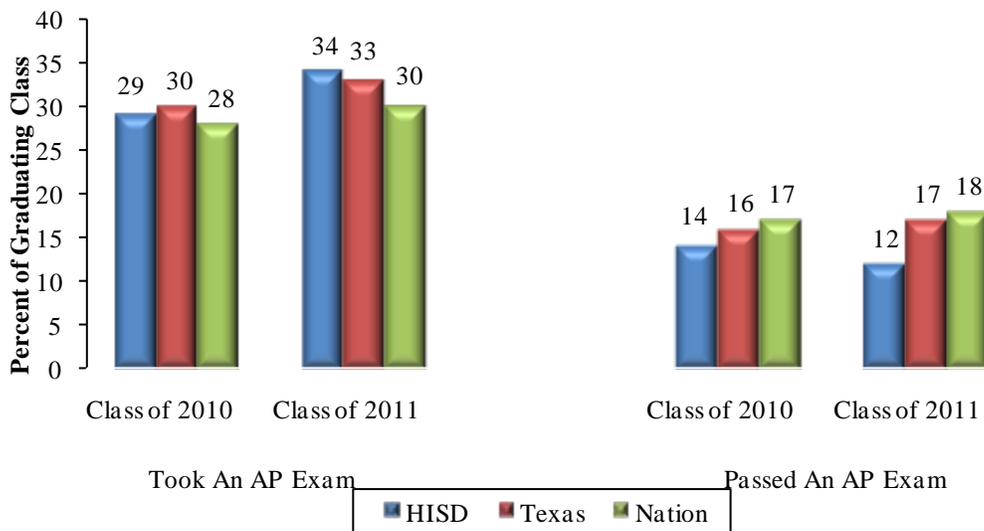


- With the exception of foreign language and math AP exams, each AP final course letter grade had the highest number of AP exams scored at a 1.
- Eighty-nine percent of AP exams that were scored at a 3 or higher were linked to students who received an A or B in the AP course. Of the 13,354 AP course grades of either A or B, 37 percent were linked to students who scored at or above a 3 on the AP exam.

Comparison with State and Nation

Participation and performance for the district, state, and nation are presented in **Figure 11**. The College Board provides data for graduating classes for the state and nation in its annual *AP Report to the Nation*, which is released in January of each year.

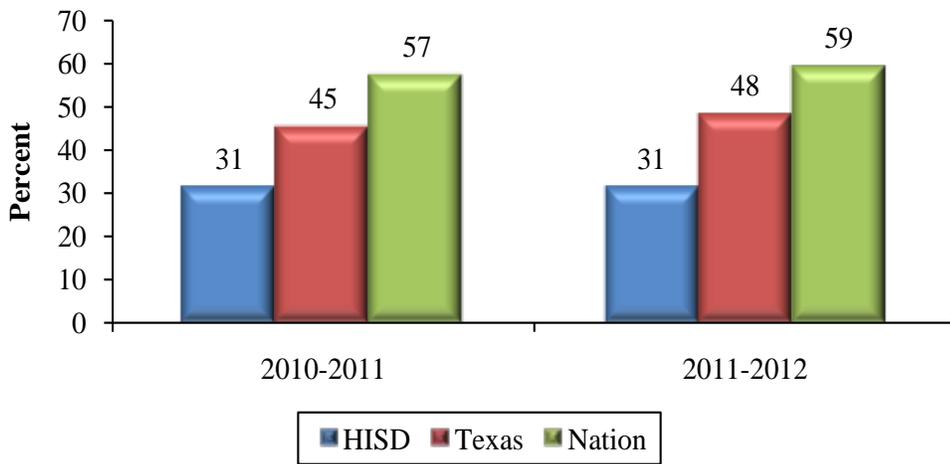
Figure 11: Percent of Graduates Who Took and Passed an AP Exam, Classes of 2010 and 2011



Note: Source for 2010 and 2011 state and national data: AP Report to the Nation, 7th and 8th editions, the College Board. Source for 2010 HISD data, College Board hard copy data report; 2011 HISD data derived from August 23, 2011 AP electronic file and 2010-2011 PEIMS Graduates file (2011 Fall submission).

- For the classes of 2010 and 2011, HISD trailed Texas and the nation in the percentage of graduates who passed an AP exam with a score of 3 or higher. However, in 2011, HISD outperformed the state and the nation in the percentage of graduates who took an AP exam at some point in their high school career.
- The percentage of HISD graduates who took an AP exam increased by five percentage points (29% - 34%) from 2010 to 2011, exceeding both the state and national increases. The percentage of graduates who passed an AP exam decreased 2 percentage points (from 14% to 12%) over the same time period, whereas the state and nation both increased by 1 percentage point.

Figure 12: Percent of AP Exams Scored 3 or Higher, 2011 and 2012



- The percent of HISD AP exams scored at 3 or higher remained the same from 2011 to 2012 while the percentages of AP exams scored at 3 or higher for the state and the nation both increased over the same time period (see Figure 12).

Student AP Course and Exam Participation and Performance by Campus

Figure 13 shows the percent of exams scored at 3 or higher in grades 9-12 for each campus in 2011 and 2012. All AP exams are represented in this figure, regardless of whether the student was enrolled in the AP course. **Appendix B** also presents the number of students taking AP exams in grades 9-12, the number of exams taken for each of these high schools, and the number and percent scoring a 3 or higher for 2011 and 2012.

Figure 13: Percent of Exams Scored at 3 or Higher, Grades 9-12, 2011 and 2012

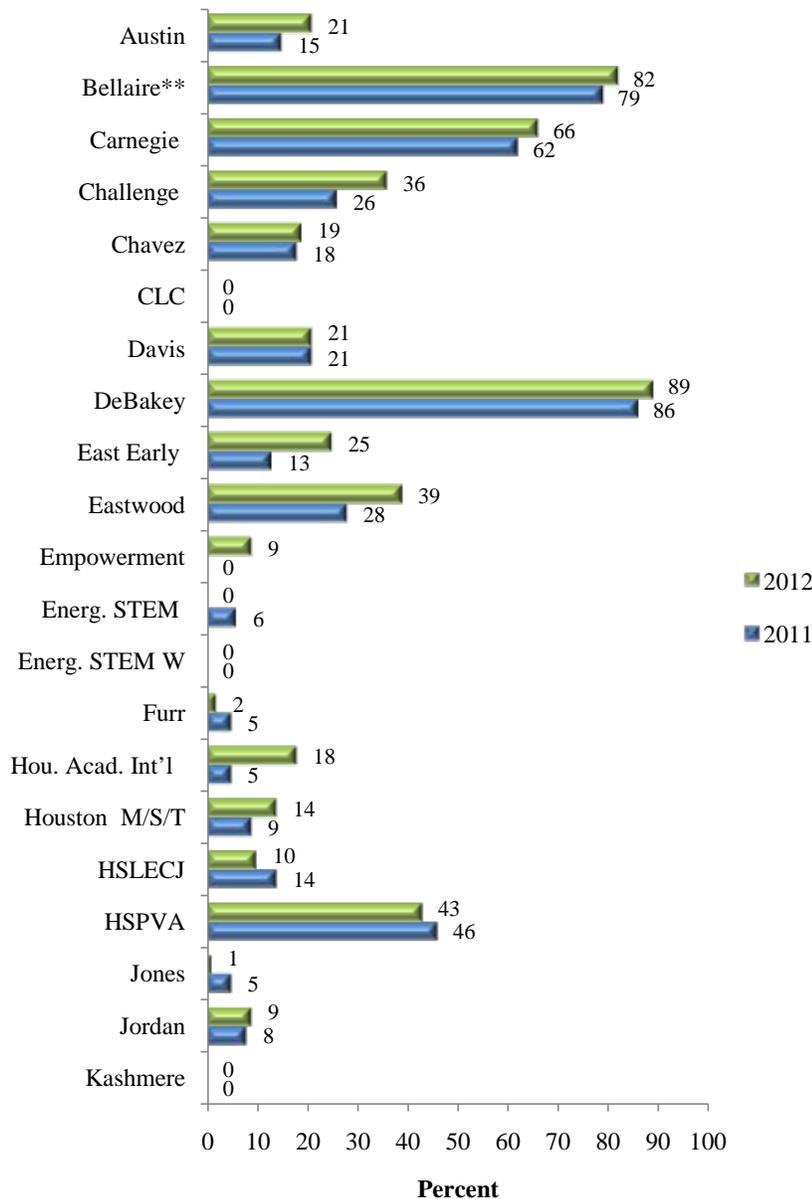
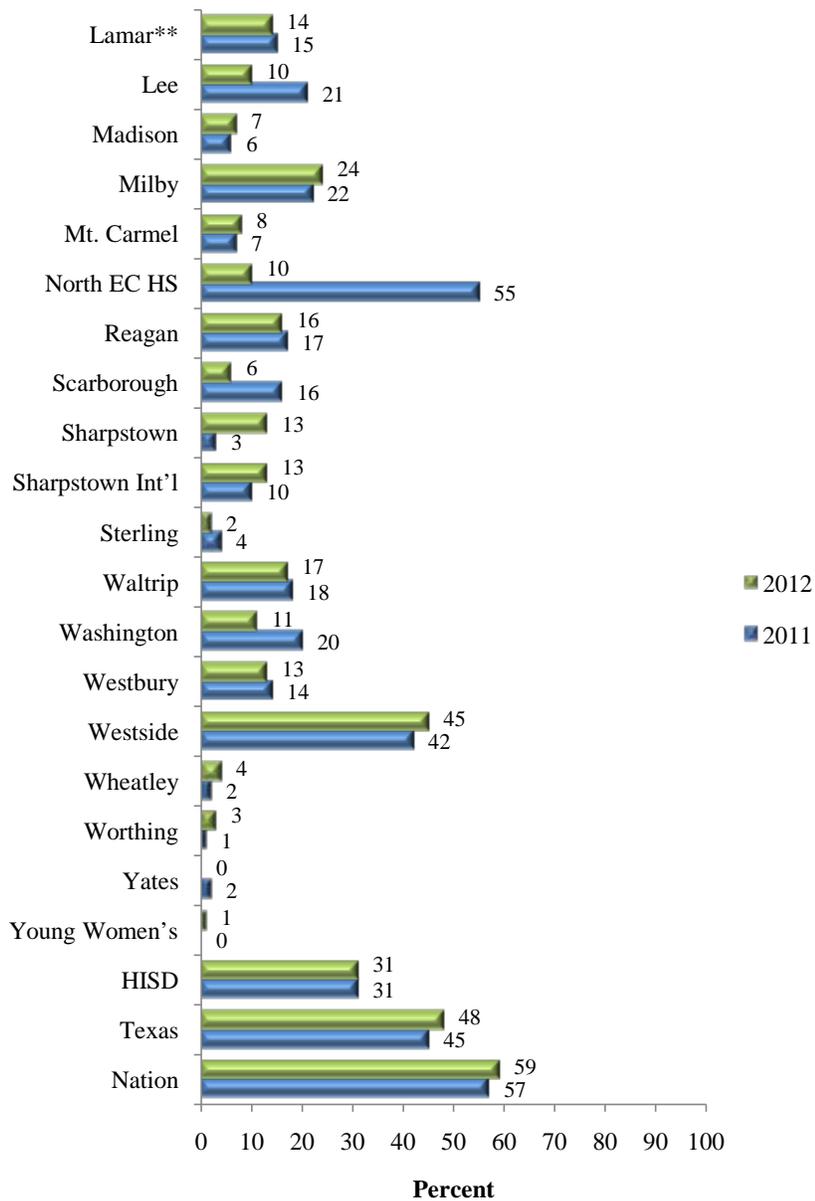


Figure 13 con't: Percent of Exams Scored at 3 or Higher, Grades 9-12, 2011 and 2012



**Bellaire and Lamar high schools offer the International Baccalaureate Program.

- Of the 40 HISD campuses that tested students on AP exams in both 2011 and 2012, 21 or 53% increased the percent of exams that scored a 3 or higher.

Figure 14 shows the percent of courses completed by HISD students in grades 9-12 who were enrolled in AP courses. The percent of AP exams scored at a 3 or higher in Figure 14 represents the number of exams out of the number of students who were both enrolled in the AP course and took the AP exam. All AP exams in this figure are linked to students who took the corresponding AP course.

Appendix C shows the number of courses taken and completed by HISD students in grades 9-12 as well as the number of exams these students enrolled in the AP courses took and the number and percent of these exams that scored 3 or higher. In this table, only students who took an AP course and took the AP exam are shown.

Figure 14: Percent of Exams Scored at 3 or Higher and Percent of Courses Completed, Grades 9-12, 2012

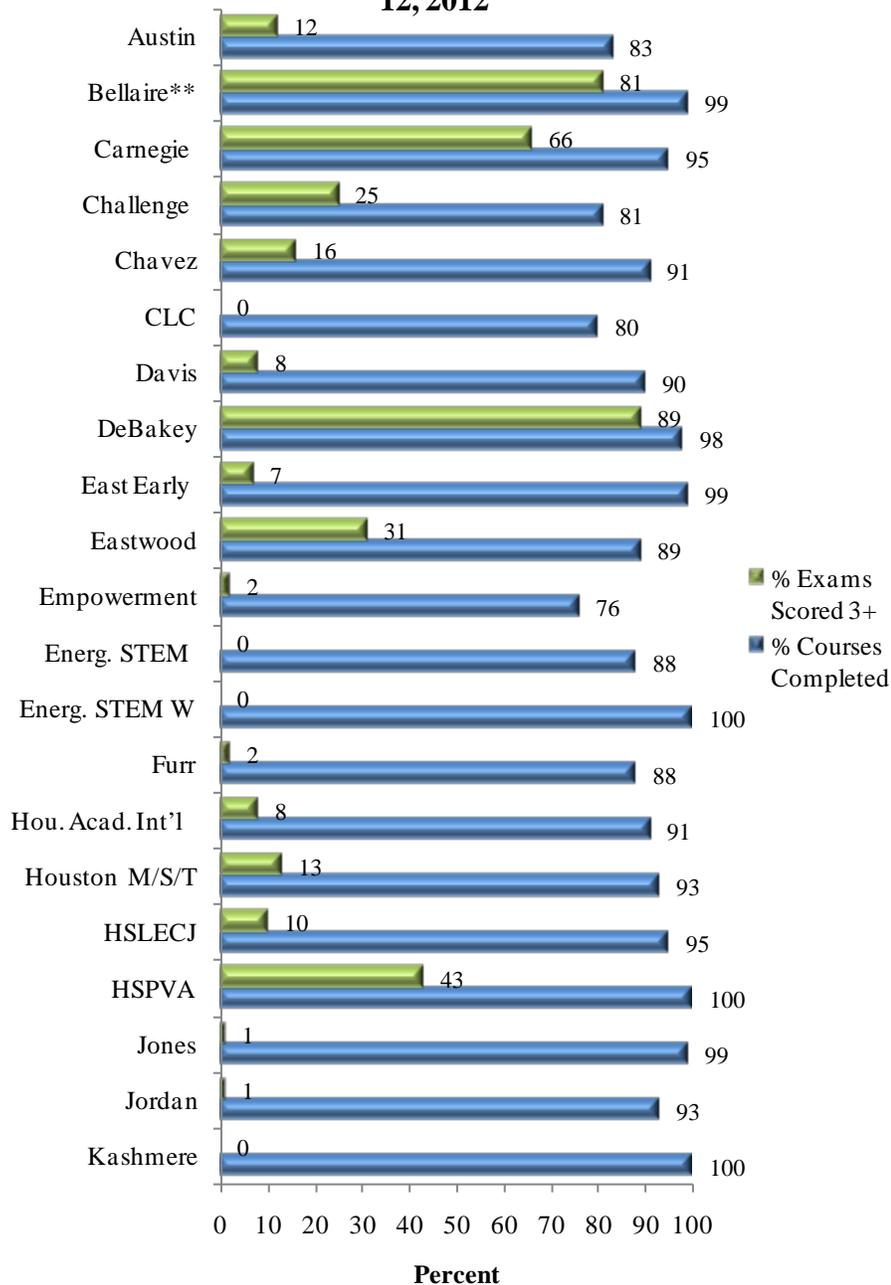
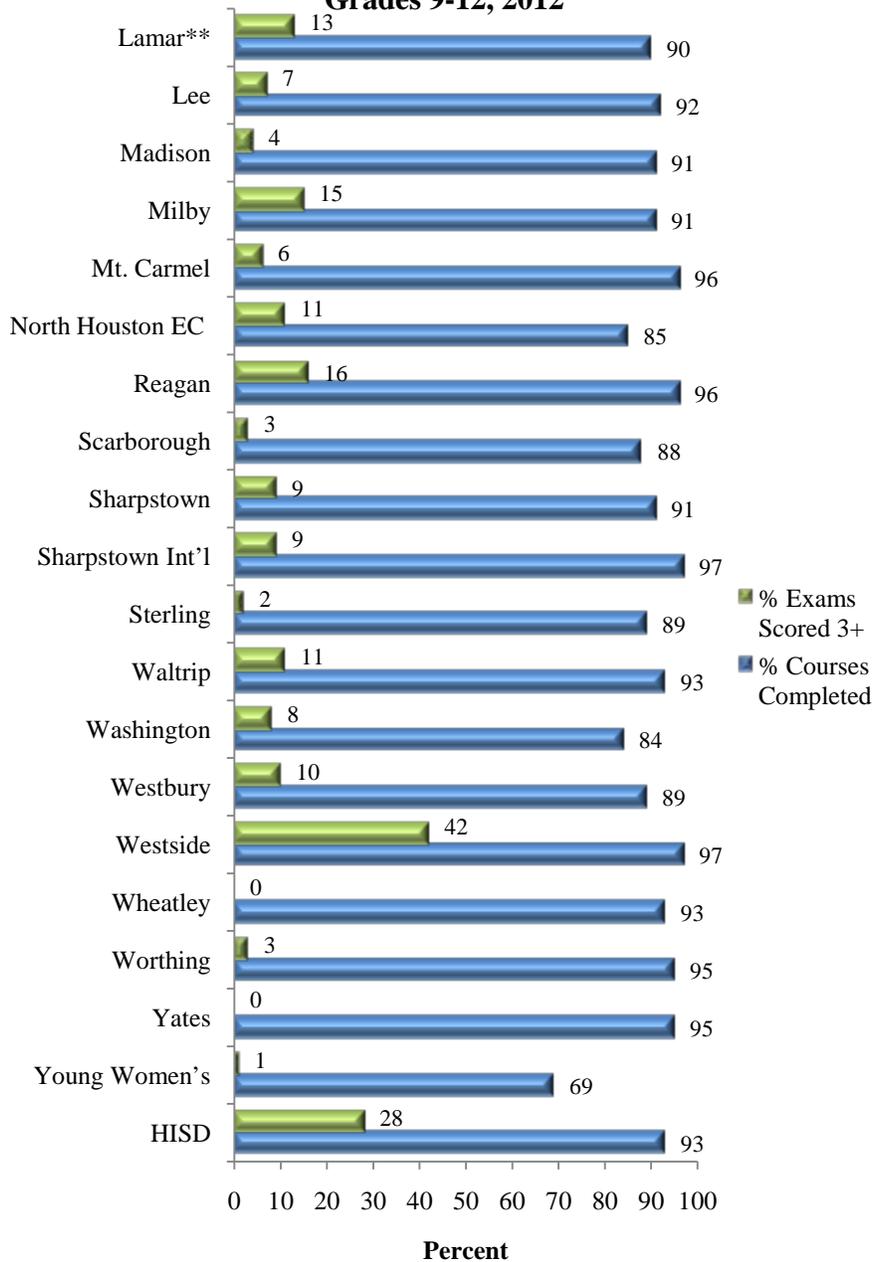


Figure 14 con't: Percent of Exams Scored at 3 or Higher and Percent of Courses Completed, Grades 9-12, 2012



**Bellaire and Lamar high schools offer the International Baccalaureate Program.

- HISD students in grades 9-12 completed 18,565 out of 19,968 courses taken (93%) where they also took the AP exam. Of the 19,968 courses taken, 5,593 (28%) of the AP exams were scored at a 3 or higher.
- Out of the 40 schools that offered AP courses in the 2012 school year, 27 (68%) had at least 90% of the courses successfully completed by students.

Figure 15 and **Appendix D** present the percent of students who completed at least one AP course. Appendix D also shows the grade 10–12 enrollment on each campus and the number and percent of students in grades 10–12 completing at least one AP course for 2011 and 2012. Very few AP courses are available for students in grade 9, but ninth grade is usually the largest grade level at comprehensive high schools. Thus, basing percentages of AP courses and exams taken on enrollment that includes 9th graders does not truly reflect the rates of participation. Data for Figure 15 and Appendix D are unduplicated; though a student may take more than one AP course, he is only counted once. Percentages are based on AP courses taken by students in grades 10–12.

Figure 15: Percent of Students Enrolled who Completed at Least 1 AP Course, Grades 10-12, 2011 and 2012

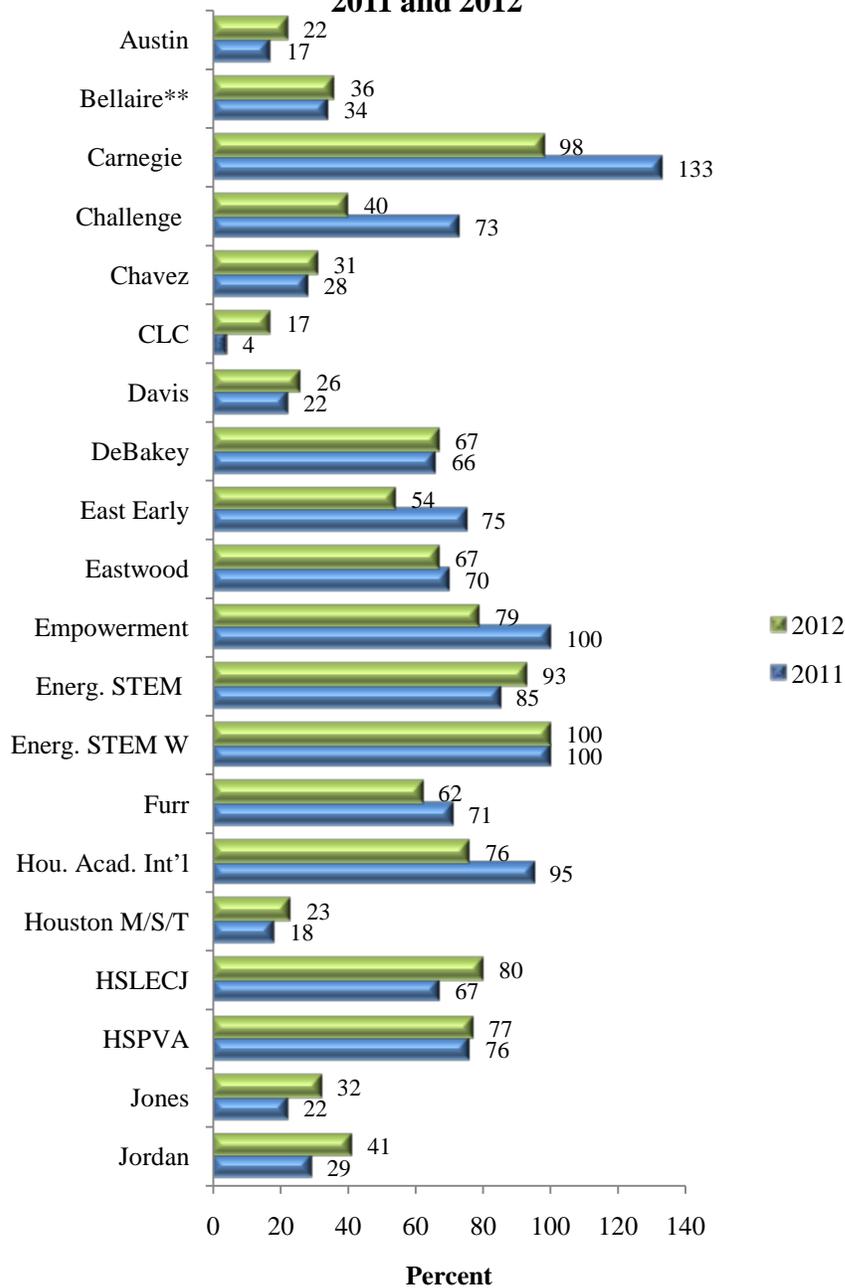
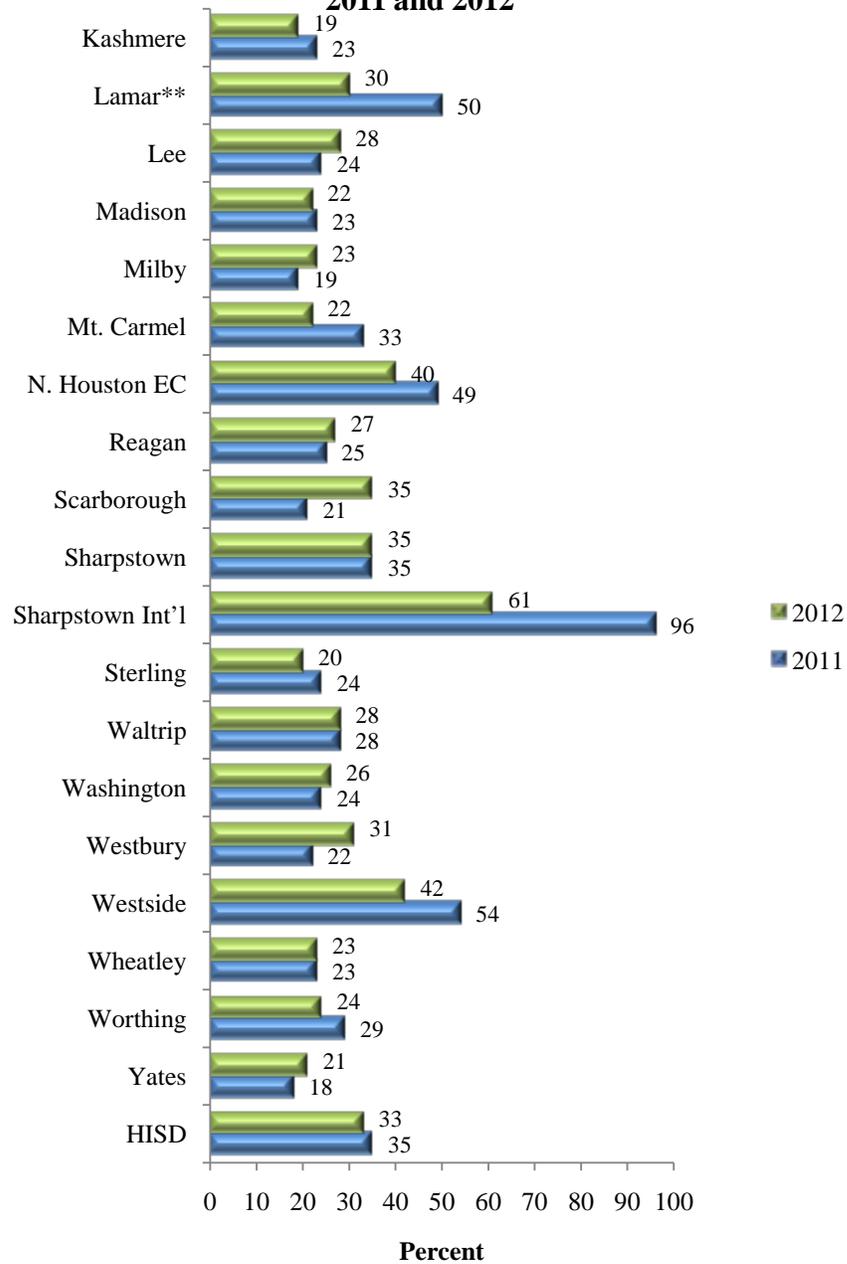


Figure 15 con't: Percent of Students Enrolled who Completed at Least 1 AP Course, Grades 10-12, 2011 and 2012



**Bellaire and Lamar high schools offer the International Baccalaureate Program.

- For HISD, 33 percent of students in grades 10-12 completed at least one AP course in 2011-2012, down from 35 percent in 2010-2011.
- For the 2012 school year, 19 out of 39 (49%) HISD campuses increased their percent of students who completed at least one AP course from the previous year.

Campus Participation and Performance by Exam

Analysis of districtwide participation focused on the number of students taking any of the possible 37 AP exams offered by the College Board. Results from 2011–2012 are presented in **Appendix E**. Additionally, the number of students taking each exam and the percent scoring a 3 or higher are presented for each exam.

AP Exam Participation and Performance by Campus

Advanced Placement Course enrollment and exam data are presented by campus in **Appendix F**. Data analyzed are duplicated by exam and included the grade 10–12 enrollment on each campus, the number of AP courses offered, and the number and percent of AP courses completed (passed), and the number and percent of AP exams taken and scored at 3 or higher.

AP Scholar Awards

The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievement through AP courses and exams. This achievement is acknowledged on any score report that is sent to colleges the following fall. Notifications about AP Scholar Awards are sent to students and schools in October of each year. The following awards are provided to the students groups described for each award according to the College Board:

- AP Scholar: Granted to students who receive scores of 3 or higher on three or more AP exams;
- AP Scholar with Honor: Granted to students who receive an average score of at least 3.25 on all AP Exams taken, **and** scores of 3 or higher on four or more of these exams;
- AP Scholar with Distinction: Granted to students who receive an average score of at least 3.5 on all AP Exams taken, **and** scores of 3 or higher on five or more of these exams; and
- National AP Scholar: Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, **and** scores of 4 or higher on eight or more of these exams.

AP Scholar Awards earned by HISD students for 2011 and 2012 are presented by campus and districtwide in **Appendix G**. The number of AP Scholar Awards presented to HISD students increased 15% from 1,070 in 2011 to 1,227 in 2012.

“Emerging Scholars” 8th and 9th Grade Participation and Performance

Though Advanced Placement courses and exams are usually taken by high school upperclassmen, increasingly, students in middle school and ninth grade are beginning to take advantage of the opportunity to earn college credits early in their academic careers. The most common courses and exams taken by middle school students and high school underclassmen tend to be Human Geography, typically a ninth-grade course, and foreign language courses and exams, especially for students for whom English is a second language. Increasingly, eighth and ninth graders in HISD are participating in Advanced Placement programs. **Table 3** presents AP course and exam participation and performance for students in grades 8–9. Counts presented in Table 3 are duplicated.

Table 3: 2012 8th and 9th Grade AP Participation and Performance – Duplicated Count

2012							
Grade	N Enrolled AP Course	N Complete AP Course	% Complete AP Course	N Taking AP Exam	% Comp. Taking AP Exam	N Score 3+ on AP Exam	% Score 3+ on AP Exam
8	273	263	96	317	121	211	67
9	1,720	1,391	81	1,969	142	501	25
Total	1,993	1,654	83	2,286	138	712	31

2011							
Grade	N Enrolled AP Course	N Complete AP Course	% Complete AP Course	N Taking AP Exam	% Comp. Taking AP Exam	N Score 3+ on AP Exam	% Score 3+ on AP Exam
8	299	293	98	299	102	196	66
9	1,428	1,248	87	1,868	150	458	25
Total	1,727	1,541	89	2,165	140	654	30

Course and exam data are not linked.

- In 2012, 1,993 district eighth and ninth graders enrolled in an AP course, compared to 1,727 district eighth and ninth graders enrolled in an AP course in 2011. In 2012, 1,654 (83%) of those students completed the course, compared to 1,541 (89%) in 2011.
- A combined total of 2,286 HISD eighth and ninth graders took AP exams in 2012, compared to 2,165 in 2011. In 2012, 31 percent of those exams were scored at a 3 or higher, up one percentage point from 2011.

Conclusion

The purpose of this report was to provide an examination of the participation and performance of HISD students on Advanced Placement exams and courses. The investigation was also designed to supply a comparison of current year AP results with the results from the previous year. The results from this report indicated that student participation on AP exams in the district increased from the previous year. In addition, enrollment in AP courses also increased in 2011–2012 from the previous school year. Though the percentage of students scoring a 3 or higher decreased slightly over the same time period and has decreased steadily over the past ten years, it is important to note that many more students are performing at this high level today. Notably, in 2001, 57 percent of just 3,769 or 2,148 AP exams taken by HISD students were scored at 3 or higher, and in 2012, 31 percent of 23,227 or 7,200 exams scored at this level, reflecting 5,052 more exams. Many more HISD students are being exposed to Advanced Placement courses and to the opportunity to earn college credit.

Appendix A: HISD AP Exam Subjects

Science

Biology
Chemistry
Environmental Science
Physics B
Physics C: Mechanics
Psychology

Math

Calculus AB
Calculus BC
Computer Science
Statistics

Foreign Language

Chinese Language and Culture
French Language
German Language
Latin: Vergil
Spanish Language
Spanish Literature

Social Studies

Comparative Government and Politics
European History
Human Geography
Macroeconomics
Microeconomics
United States Government and Politics
United States History
World History

Art/Music

Art History
Music Theory
Studio Art: 2-D Design Portfolio
Studio Art: 3-D Design Portfolio
Studio Art: Drawing Portfolio

English

English Language and Composition
English Literature and Composition

Appendix B: HISD 2011 and 2012 AP Participation and Number and Percent of Exams Scored at 3 or Higher, Grades 9-12

School	2011				2012			
	Number Taking Exams	Number Exams Taken	Number Exams Scored 3+	% Scored 3+	Number Taking Exams	Number Exams Taken	Number Exams Scored 3+	% Scored 3+
Austin	335	452	69	15	394	516	107	21
Bellaire**	886	2,576	2,031	79	949	2,599	2,135	82
Carnegie	442	940	579	62	487	988	651	66
Challenge	285	378	97	26	280	368	133	36
Chavez	722	1,013	187	18	732	1,073	199	19
CLC	9	13	0	0	6	6	0	0
Davis	326	552	115	21	339	552	117	21
DeBakey	414	971	834	86	401	992	879	89
East Early	269	383	51	13	250	309	76	25
Eastwood	246	533	151	28	291	584	229	39
Empowerment	9	11	0	0	93	105	9	9
Energ. STEM	120	306	18	6	111	355	1	0
Energ. STEM W					44	66	0	0
Furr	390	680	32	5	352	653	16	2
Hope Academy	1	1	*	*				
Hou. Acad. Int'l	274	375	17	5	235	338	60	18
Houston M/S/T	295	480	42	9	421	794	113	14
HSLECJ	275	454	62	14	325	645	66	10
HSPVA	342	630	288	46	357	707	306	43
Jones	84	143	7	5	96	170	1	1
Jordan	243	353	29	8	281	402	36	9
Kashmere	89	140	0	0	60	113	0	0
Lamar**	1,113	1,148	176	15	1,631	1,714	246	14
Lee	277	574	119	21	302	575	56	10
Madison	370	529	30	6	386	524	39	7
Milby	456	779	172	22	462	841	204	24
Mt. Carmel	71	110	8	7	60	93	7	8
New Aspir.	1	1	*	*				
North EC HS	179	224	123	55	142	223	22	10
Reagan	320	557	95	17	393	723	113	16
Scarborough	98	208	33	16	150	314	18	6
Sharpstown	286	451	13	3	422	695	87	13
Sharpstown Int'l	229	366	38	10	216	354	46	13
South EC	61	62	1	2				
Sterling	164	254	9	4	122	206	4	2
Waltrip	292	541	97	18	309	567	98	17
Washington	144	255	50	20	165	252	27	11
Westbury	501	861	121	14	633	1,130	143	13
Westside	1,197	2,258	949	42	997	1,859	840	45
Wheatley	140	200	3	2	198	346	14	4
Worthing	197	342	5	1	127	228	7	3
Yates	146	243	6	2	110	166	0	0
Young Women's					74	82	1	1
HISD	12,298	21,347	6,657	31	13,403	23,227	7,106	31
Texas	NA	360,735	163,705	45	208,181	375,550	179,622	48
Nation	NA	3,365,617	1,936,054	57	2,053,941	3,609,939	2,123,139	59

*Fewer than 5 students. **Bellaire and Lamar high schools offer the International Baccalaureate Program.

Source: 2011 College Board electronic file, August 23, 2011; 2012 College Board electronic, file July 30, 2012

Appendix C: HISD 2012 AP Course and Exam Performance by Students who Both Enrolled in an AP Course and Took the AP Exam, by School: Grades 9-12

School	Number Courses Enrolled	Number Courses Completed	% Courses Completed	Number Exams Taken	Number Exams Scored 3+	% Exams Scored 3+
Austin	367	306	83	367	43	12
Bellaire**	2,142	2,117	99	2,142	1,743	81
Carnegie	967	917	95	967	636	66
Challenge	274	222	81	274	69	25
Chavez	873	795	91	873	136	16
CLC	5	4	80	5	0	0
Davis	429	386	90	429	33	8
DeBakey	983	962	98	983	871	89
East Early	197	194	99	197	13	7
Eastwood	469	419	89	469	146	31
Empowerment	96	73	76	96	2	2
Energ. STEM	251	222	88	251	1	0
Energ. STEM W	51	51	100	51	0	0
Furr	606	531	88	606	14	2
Hou. Acad. Int'l	278	253	91	278	22	8
Houston M/S/T	745	694	93	745	100	13
HSLECJ	631	596	95	631	64	10
HSPVA	700	697	100	700	303	43
Jones	163	162	99	163	1	1
Jordan	348	322	93	348	5	1
Kashmere	105	105	100	105	0	0
Lamar**	1,364	1,221	90	1,364	175	13
Lee	515	471	92	515	34	7
Madison	428	390	91	428	18	4
Milby	664	606	91	664	97	15
Mt. Carmel	83	80	96	83	5	6
North Houston EC	150	127	85	150	16	11
Reagan	660	631	96	660	107	16
Scarborough	292	258	88	292	8	3
Sharpstown	564	514	91	564	49	9
Sharpstown Int'l*	318	307	97	303	26	9
Sterling	189	169	89	189	3	2
Waltrip	510	473	93	510	54	11
Washington	234	197	84	234	19	8
Westbury	973	867	89	973	99	10
Westside	1,619	1,562	97	1,619	674	42
Wheatley	292	272	93	292	0	0
Worthing	206	196	95	206	6	3
Yates	154	146	95	154	0	0
Young Women's	73	50	69	73	1	1
HISD	19,968	18,565	93	19,953	5,593	28

Note: AP courses and exams are linked in this table; all students who took an AP course also took the AP exam.

*Fifteen students at Sharpstown International HS took two independent AP courses and took the corresponding AP exam, giving Sharpstown International 15 more courses enrolled than exams taken.

**Bellaire and Lamar high schools offer the International Baccalaureate Program.

Appendix D: AP Course Participation by Campus, Grades 10-12: 2011 and 2012 School Years (Unduplicated Count)

School	2011			2012		
	Total Enroll. 10-12	Number Comp. at least 1 AP Course	% of Enroll Comp. at least 1 AP Course	Total Enroll. 10-12	Number Comp. at least 1 AP Course	% of Enroll Comp. at least 1 AP Course
Austin	1,258	217	17	1,205	267	22
Bellaire**	2,439	838	34	2,478	894	36
Carnegie	297	395	133	319	312	98
Challenge	317	231	73	324	130	40
Chavez	1,745	486	28	1,745	542	31
CLC	183	8	4	24	4	17
Davis	1,107	245	22	1,024	264	26
DeBakey	626	412	66	600	403	67
East Early	313	236	75	316	172	54
Eastwood	255	179	70	288	192	67
Empowerment	9	9	100	58	46	79
Energ. STEM	89	76	85	99	92	93
Energ. STEM W	38	38	100	83	83	100
Furr	504	356	71	516	322	62
Hou. Acad. Int'l	261	249	95	281	213	76
Houston M/S/T	1,737	305	18	1,717	386	23
HSLECJ	396	266	67	388	311	80
HSPVA	465	352	76	480	369	77
Jones	373	82	22	312	100	32
Jordan	788	225	29	712	294	41
Kashmere	364	83	23	311	58	19
Lamar**	2,185	1,082	50	2,295	685	30
Lee	1,058	256	24	1,039	293	28
Madison	1,505	346	23	1,407	307	22
Milby	1,474	273	19	1,323	299	23
Mt. Carmel	198	66	33	245	54	22
N. Houston EC	183	89	49	284	114	40
Reagan	1,254	310	25	1,400	381	27
Scarborough	449	96	21	445	157	35
Sharpstown	796	280	35	824	292	35
Sharpstown Int'l	238	228	96	297	181	61
Sterling	687	165	24	599	117	20
Waltrip	1,175	330	28	1,201	337	28
Washington	586	142	24	551	145	26
Westbury	1,454	315	22	1,477	456	31
Westside	2,158	1,154	54	2,165	909	42
Wheatley	676	155	23	616	143	23
Worthing	638	186	29	524	123	24
Yates	776	143	18	658	136	21
HISD	31,103	10,966	35	32,184	10,583	33

*Fewer than 5 students.

**Bellaire and Lamar high schools offer the International Baccalaureate Program.

Note: Enrollment is based on PEIMS Fall Snapshot and AP course enrollment is from Chancery end-of-year file.

Appendix E: Advanced Placement (AP) Report for 2011-12
AP Exam Results of High School Students (9th thru 12th Grades and Grade Level Not Indicated) by Exam and by Campus
Reported as Number of Students Who Scored 3 or Higher Versus Number of Exams Taken (to be continued)

AP Exam Title	N Scoring 3 or Higher		Austin HS	Bellaire HS	Carnegie Vanguard HS	Challenge HS	Chavez HS	CLC HS/DeVry Academy	Davis HS	DeBakey HS	East Early College HS	Eastwood Academy	Empowerment College Prep. HS	Energized for E-STEM Southeast HS	Energized for E-STEM West HS	Furr HS	High School LECJ	High School PVA	Houston Academy for Int'l Studies	Houston Math/Sci/Tech. Center	Jones HS	Jordan HS	Kashmere HS	Lamar HS	Lee HS	Madison HS	Milby HS	Mount Carmel Academy	North Houston Early College HS	Reagan HS	Scarborough HS	Sharpstown HS	Additional Schools Appended After Campus Totals
	N	%																															
Art History	59	32.2	20	15							10										0	1						*	0				
	183		27	19							19										11	45						3	17				
			74.1	78.9							52.6										0.0	2.2					*	0.0					
Art: Studio Art-2-D Design Portfolio	32	57.1	4	9	*					*				*	*					*								*	5				
	56		10	9	4					2				3	4					3								2	5				
			40.0	100.0	*					*				*	*					*								*	100.0				
Art: Studio Art-3-D Design Portfolio	*	*																															
Art: Studio Art-Drawing Portfolio	13	26.0	1	*		*				*									3				*					*	*				
	50		23	1		3				3									7				3				2	4					
			4.3	*		*				*									42.9				*				*	*	*	*			
Biology	266	36.0	0	82	19		0		0	110	3	3	1	0		0		16	0					0	0	2		0	1	0	0		
	739		5	99	30		24		23	135	17	13	20	37		31		25	13				10	11	54		6	19	16	13			
			0.0	82.8	63.3		0.0		0.0	81.5	17.6	23.1	5.0	0.0		0.0		64.0	0.0				0.0	0.0	3.7		0.0	5.3	0.0	0.0			
Calculus AB	349	39.8	1	58	15		2		2	150	3	7		0		0	0	15	0	2		*	29	11	0	7	*	0	7	0	5		
	876		25	72	17		28		34	174	13	13		23		11	18	41	10	23		3	64	49	9	26	3	8	23	6	22		
			4.0	80.6	88.2		7.1		5.9	86.2	23.1	53.8		0.0		0.0	0.0	36.6	0.0	8.7		*	45.3	22.4	0.0	26.9	*	0.0	30.4	0.0	22.7		
Calculus BC	187	87.4		92	5			*	42	*													8	*									
	214			99	5			1	42	4													12	1									
				92.9	100.0			*	100.0	*													66.7	*									
Chemistry	128	29.4		42	8		0		48	*				0	0	0			1		0			0		0		0	*	0			
	436			53	10		16		55	3				29	14	26			17		9			26		19		14	3	6			
				79.2	80.0		0.0		87.3	*				0.0	0.0	0.0			5.9		0.0			0.0		0.0		0.0	*	0.0			

Data from the College Board AP datafile (July 30, 2012)

Appendix E: Advanced Placement (AP) Report for 2011-12
AP Exam Results of High School Students (9th thru 12th Grades and Grade Level Not Indicated) by Exam and by Campus
Reported as Number of Students Who Scored 3 or Higher Versus Number of Exams Taken (to be continued)

AP Exam Title	N Scoring 3 or Higher		N Exams Taken		% Scoring 3 or Higher	Additional Schools Appeared After Campus Totals																													
	N Scoring 3 or Higher	N Exams Taken	Campuses																																
			Austin HS	Bellaire HS	Carnegie Vanguard HS	Challenge HS	Chavez HS	CLC HS/DeVry Academy	Davis HS	DeBakey HS	East Early College HS	Eastwood Academy	Empowerment College Prep. HS	Energized for E-STEM Southeast HS	Energized for E-STEM West HS	Furr HS	High School LECJ	High School PVA	High School for Int'l Studies	Houston Math/Sci/Tech. Center	Jones HS	Jordan HS	Kashmere HS	Lamar HS	Lee HS	Madison HS	Milby HS	Mount Carmel Academy	North Houston Early College HS	Reagan HS	Scarborough HS	Sharpstown HS			
Chinese Language & Culture	36	41	87.8	23	24	95.8			*	1					*	4																			
Computer Science A	47	151	31.1	30	74	40.5	12	13				*	1									*	1	0	9				1	47					
Computer Science AB																																			
Economics: Macroeconomics	347	1245	27.9	0	229	83.3	9	12	0	53						4	3		11	0		0		0	0	7			0	0	0	0			
Economics: Microeconomics	82	201	40.8	48	50	96.0	33	71	0	15				0	40																				
English Language & Composition	799	2968	26.9	11	233	88.3	91	116	9	28	0	12	81	3	13	*	0	0	2	10	69	0	3	0	1	0	60	6	3	4	4	8	12	1	2
English Literature & Composition	500	1887	26.5	3	151	86.8	59	83	23	8		4	57		4		1	1	65	4	7	0	1	0		4	0	8	2	0	7	3	0		
Environmental Science	132	574	23.0	0	56	72.7	9	11	0			3	3	0	0	0	0			3					0	*	8			2	0				
				6	77	81.8		19				41	35	18	12	14	43			60					7	2	29			17	15				
				0.0	72.7	81.8	0.0				7.3	8.6	0.0	0.0	0.0	0.0	0.0			5.0				0.0	*	27.6			11.8	0.0					

Data from the College Board AP datafile (July 30, 2012)

Appendix E: Advanced Placement (AP) Report for 2011-12
AP Exam Results of High School Students (9th thru 12th Grades and Grade Level Not Indicated) by Exam and by Campus
Reported as Number of Students Who Scored 3 or Higher Versus Number of Exams Taken (to be continued)

AP Exam Title	N Scoring 3 or Higher		Austin HS	Bellaire HS	Carnegie Vanguard HS	Challenge HS	Chavez HS	CLC HS/DeVry Academy	Davis HS	DeBakey HS	East Early College HS	Eastwood Academy	Empowerment College Prep. HS	Energized for E-STEM Southeast HS	Energized for E-STEM West HS	Furr HS	High School LECJ	High School PVA	Houston Academy for Intl Studies	Houston Math/Sci/Tech. Center	Jones HS	Jordan HS	Kashmere HS	Lamar HS	Lee HS	Madison HS	Milby HS	Mount Carmel Academy	North Houston Early College HS	Reagan HS	Scarborough HS	Sharpstown HS	Additional Schools Appended After Campus Totals			
	N Exams Taken	% Scoring 3 or Higher																																		
European History	36 102	35.3	1 8	7 7	8 8							4 13																		0 5						
			12.5	100.0	100.0							30.8																		0.0						
French Language & Culture	23 27	85.2		13 14	* 4				*																											
				92.9	*				*																											
French Literature																																				
German Language & Culture	14 15	93.3		12 12																																
				100.0																																
Government & Politics: Comparative	2 17	11.8		* 1																																
				*																																
Government & Politics: United States	348 1900	18.3	0 28	180 255	29 78		0 39		1 28	53 64		1 31		0 45		0 63	4 67	4 87		6 103	0 32	0 10	0 15	16 182	0 46	0 89	0 102	0 14		3 43	0 25	0 63				
			0.0	70.6	37.2		0.0		3.6	82.8		3.2		0.0		0.0	6.0	4.6		5.8	0.0	0.0	0.0	8.8	0.0	0.0	0.0	0.0		7.0	0.0	0.0				
Human Geography	317 1594	19.9		21 23	118 174	32 121						12 38	0 35	0 11		3 48						*		77 628	0 41	2 14		1 25	3 17	0 33	0 35					
				91.3	67.8	26.4						31.6	0.0	0.0		6.3						*		12.3	0.0	14.3		4.0	17.6	0.0	0.0					
Italian Language & Culture	21 22	95.5		21 22																																
				95.5																																

Data from the College Board AP datafile (July 30, 2012)

Appendix E: Advanced Placement (AP) Report for 2011-12
AP Exam Results of High School Students (9th thru 12th Grades and Grade Level Not Indicated) by Exam and by Campus
Reported as Number of Students Who Scored 3 or Higher Versus Number of Exams Taken (to be continued)

AP Exam Title	N Scoring 3 or Higher		Austin HS	Bellaire HS	Carnegie Vanguard HS	Challenge HS	Chavez HS	CLC HS/DeVry Academy	Davis HS	DeBakey HS	East Early College HS	Eastwood Academy	Empowerment College Prep. HS	Energized for E-STEM Southeast HS	Energized for E-STEM West HS	Furr HS	High School LECJ	High School PVA	Houston Academy for Int'l Studies	Houston Math/Sci/Tech. Center	Jones HS	Jordan HS	Kashmere HS	Lamar HS	Lee HS	Madison HS	Milby HS	Mount Carmel Academy	North Houston Early College HS	Reagan HS	Scarborough HS	Sharpstown HS	Additional Schools Appeared After Campus Totals		
	N	% Scoring 3 or Higher																																	
Japanese Language & Culture	6	100.0		* 3																															
Latin: Literature																																			
Latin: Vergil	3	30.0		* 4																															
Music Theory	35	30.2		8 9											0	24	0	*	0						0								*		
	116			88.9										0.0	100.0	0.0	*	0.0					0.0		0.0							*			
Physics B	129	26.6	0	44		0		*	40					0	0	11		0	0		0	0		1		1		1	1	0	4				
	485		18	52		60		1	43					22	21	11		19	10		23		16		29	60	8	21							
			0.0	84.6		0.0		*	93.0					0.0	0.0	100.0		0.0	0.0		4.3		6.3		3.4	1.7	0.0	19.0							
Physics C: Electricity & Magnetism	26	59.1		9 12	6 11			*	1																										
	44			75.0	54.5			*																											
Physics C: Mechanics	39	72.2		11 12	9 11			*	2																										
	54			91.7	81.8			*																											
Psychology	233	42.6		136	*			45		*	0		0	0	1			1	0	0	0	3	*						0						
	547			157	1			47		2	43		55	7			17	9	16		19	1						16							
				86.6	*			95.7		*	0.0		0.0	14.3			5.9	0.0	0.0		15.8	*						0.0							

Data from the College Board AP datafile (July 30, 2012)

Appendix E: Advanced Placement (AP) Report for 2011-12
AP Exam Results of High School Students (9th thru 12th Grades and Grade Level Not Indicated) by Exam and by Campus
Reported as Number of Students Who Scored 3 or Higher Versus Number of Exams Taken (continued)

AP Exam Title	N Scoring 3 or Higher		Sharpstown International School	Sterling HS	Waltrip HS	Washington HS	Westbury HS	Westside HS	Wheatley HS	Worthing HS	Yates HS	Young Women's College Prep.	End of Participating High Schools
	N Exams Taken	% Scoring 3 or Higher											
European History	$\frac{36}{102}$	35.3			*	12	*	0					
				3		46	4	8					
				*		26.1	*	0.0					
French Language & Culture	$\frac{23}{27}$	85.2			*		6						
				2			6						
				*		100.0							
French Literature													
German Language & Culture	$\frac{14}{15}$	93.3					*						
							3						
							*						
Government & Politics: Comparative	$\frac{2}{17}$	11.8	$\frac{1}{16}$										
			6.3										
Government & Politics: United States	$\frac{348}{1900}$	18.3	$\frac{1}{12}$	$\frac{0}{11}$	$\frac{1}{37}$	$\frac{2}{16}$	$\frac{2}{91}$	$\frac{45}{164}$	$\frac{0}{29}$	$\frac{0}{15}$	$\frac{0}{16}$		
			8.3	0.0	2.7	12.5	2.2	27.4	0.0	0.0	0.0		
Human Geography	$\frac{317}{1594}$	19.9	$\frac{6}{50}$			$\frac{0}{57}$	$\frac{1}{16}$	$\frac{40}{119}$	$\frac{0}{31}$			$\frac{1}{74}$	
			12.0			0.0	6.3	33.6	0.0			1.4	
Italian Language & Culture	$\frac{21}{22}$	95.5											

Data from the College Board AP datafile (July 30, 2012)

Appendix F: 2012 AP Course and Exam Data by Campus, Grades 9–12 (Duplicated Count)

School	Grade 10-12 Enroll.	AP Courses Offered	AP Course Enroll.	N Comp. AP Course	% Comp. AP Course (of AP Enroll.)	N Exams Taken	N Exams Score 3+	Rate of Exams Taken (by AP Comp.)	Rate of Exams 3+ (of AP Comp.)
Austin	1,205	15	439	350	79.7	516	107	147.4	30.6
Bellaire [†]	2,478	22	2,320	2,272	97.9	2,599	2,135	114.4	94.0
Carnegie	319	23	1,006	946	94.0	988	651	104.4	68.8
Challenge	324	3	276	223	80.8	368	133	165.0	59.6
Chavez	1,745	16	973	875	89.9	1,073	199	122.6	22.7
CLC	24	2	8	4	50.0	6	0	150.0	0.0
Davis	1,024	13	545	476	87.3	552	117	116.0	24.6
DeBakey	600	14	1,044	1,007	96.5	992	879	98.5	87.3
East Early Col.	316	8	206	203	98.5	309	76	152.2	37.4
Eastwood	288	16	486	434	89.3	584	229	134.6	52.8
Empowerment	58	6	103	76	73.8	105	9	138.2	11.8
E-STEM C	99	10	324	284	87.7	355	1	125.0	0.4
E-STEM W	83	4	136	136	100.0	66	0	48.5	0.0
Furr	516	17	948	781	82.4	653	16	83.6	2.0
Houston Acad Int'l	281	10	322	291	90.4	338	60	116.2	20.6
Houston M/S/T	1,717	14	831	767	92.3	794	113	103.5	14.7
HSLECJ	388	12	669	631	94.3	645	66	102.2	10.5
HSPVA	480	11	732	729	99.6	707	306	97.0	42.0
Jones	312	10	194	186	95.9	170	1	91.4	0.5
Jordan	712	13	488	450	92.2	402	36	89.3	8.0
Kashmere	311	8	111	110	99.1	113	0	102.7	0.0
Lamar [†]	2,295	5	1,640	1,477	90.1	1,714	246	116.0	16.7
Lee	1,039	17	610	548	89.8	575	56	104.9	10.2
Madison	1,407	14	645	556	86.2	524	39	94.2	7.0
Milby	1,323	15	725	653	90.1	841	204	128.8	31.2
Mt. Carmel	245	5	85	81	95.3	93	7	114.8	8.6
N. Houston EC	284	7	187	154	82.4	223	22	144.8	14.3
Reagan	1,400	19	823	777	94.4	723	113	93.1	14.5
Scarborough	445	15	417	357	85.6	314	18	88.0	5.0
Sharpstown	824	14	607	546	90.0	695	87	127.3	15.9
Sharpstown Int'l	297	16	441	396	89.8	354	46	89.4	11.6
Sterling	599	12	243	206	84.8	206	4	100.0	1.9
Waltrip	1,201	16	688	604	87.8	567	98	93.9	16.2
Washington	551	12	430	315	73.3	252	27	80.0	8.6
Westbury	1,477	19	1,077	933	86.6	1,130	143	121.1	15.3
Westside	2,165	29	2,063	1,942	94.1	1,859	840	95.7	43.3
Wheatley	616	13	348	316	90.8	346	14	109.5	4.4
Worthing	524	13	249	232	93.2	228	7	98.3	3.0
Yates	658	16	236	213	90.3	166	0	77.9	0.0
Young Women's	0	1	77	51	66.2	82	1	160.8	2.0
HISD	32,184		23,752	21,588	90.9	23,227	7,106	107.6	32.9

Note: Exam and course counts presented are duplicated counts. A student may take more than one AP exam or course.

[†] Bellaire and Lamar high schools offer the International Baccalaureate (IB) Program.

Appendix G: AP Scholar Awards 2011 and 2012

School	2011					2012				
	Scholar	Honor	Distinction	National	Total	Scholar	Honor	Distinction	National	Total
Austin						2	0	0	0	2
Bellaire	122	56	193	64	435	162	73	197	69	501
Carnegie	59	13	31	9	112	70	24	45	9	148
Challenge	5	2	0	0	7	10	2	0	0	12
Chavez	5	0	0	0	5	10	0	0	0	10
Davis	0	2	0	0	2	6	0	1	1	8
DeBakey	54	34	64	18	170	48	41	84	24	197
East ECC	3	0	0	0	3	5	1	0	0	6
Eastwood	9	0	1	0	10	19	3	5	0	27
Furr	0	1	0	0	1	1	0	0	0	1
Houston Acad Int'l	0	0	0	0	0	0	0	1	0	1
Houston M/S/T	3	1	0	0	4	4	0	1	0	5
HSLECJ	5	1	1	0	7	4	0	0	0	4
HSPVA	26	5	14	2	47	35	7	10	2	54
Jones	1	0	0	0	1	0	0	0	0	0
Jordan	1	0	0	0	1	0	1	1	0	2
Lamar	0	0	0	0	0	5	0	0	0	5
Lee	13	2	2	1	18	3	0	0	0	3
Madison	0	0	0	0	0	2	0	0	0	2
Milby	19	3	1	0	23	16	0	1	0	17
Mt. Carmel	0	1	0	0	1	0	0	1	0	1
N. Houston EC	0	0	0	0	0	3	2	0	0	5
Reagan	9	1	1	1	12	11	2	0	0	13
Scarborough	4	0	0	0	4	1	0	0	0	1
Sharpstown	0	0	0	0	0	1	0	0	0	1
Sharpstown Int'l	1	1	0	0	2	2	1	0	0	3
Waltrip	12	0	0	0	12	8	1	1	0	10
Washington	6	1	1	0	8	4	0	0	0	4
Westbury	5	1	2	0	8	12	1	1	0	14
Westside	111	20	39	6	176	110	17	34	8	169
Yates	1	0	0	0	1	0	0	0	0	0
HISD	474	145	350	101	1,070	555	176	383	113	1,227

- AP Scholar: Granted to students who receive scores of 3 or higher on three or more AP exams;
- AP Scholar with Honor: Granted to students who receive an average score of at least 3.25 on all AP Exams taken, **and** scores of 3 or higher on four or more of these exams;
- AP Scholar with Distinction: Granted to students who receive an average score of at least 3.5 on all AP Exams taken, **and** scores of 3 or higher on five or more of these exams; and
- National AP Scholar: Granted to students in the United States who receive an average score of at least 4 on all AP Exams taken, **and** scores of 4 or higher on eight or more of these exams.