

Advanced Placement and International Baccalaureate Examination Results in Texas Public Schools, 2011-12

This report presents Advanced Placement (AP) and International Baccalaureate (IB) examination participation and performance data for students in Texas public schools. AP and IB examination results are used by colleges and universities to make class placement decisions and to award college credit to incoming students who meet qualifying standards on the examinations.

AP and IB examination results for Texas public school students are also used in the public school accountability system to recognize school districts and campuses for outstanding achievement in specified academic areas (Texas Education Agency [TEA], 2013c; Texas Education Code [TEC] Chapter 39, Subchapter G, 2011). For 2013, a campus that earned an accountability rating of *Met Standard* was eligible to receive academic achievement distinction designations (AADDs) based on results across a number of indicators, including AP and IB examination participation and performance, in relation to a comparison group of campuses.

There were three campus-level AADD indicators for AP and IB examinations in 2013: (1) participation in AP/IB examinations in English language arts (ELA) or mathematics;

(2) performance on AP/IB examinations in ELA; and (3) performance on AP/IB examinations in mathematics. The indicators were evaluated based on data for the 2011-12 school year. For purposes of awarding AADDs, AP/IB examination performance indicators measure the percentages of examinees in Grades 11 and 12 who scored at or above a criterion score on at least one examination. The criterion scores are defined as 3 or higher on an AP examination and 4 or higher on an IB examination.

AP test data for Texas public high school examinees were provided to TEA by the College Board. IB test data for Texas public high school examinees were provided to TEA by IB. For additional information about AP and IB examinations and results reported by the TEA Division of Research and Analysis, including definitions of terms and explanations of calculations, please see *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b). AP examination results for Texas public and non-public schools combined are presented in the report *Advanced Placement Examination Results in Texas and the United States, 2011-12* (TEA, 2013a).

Results for Texas Public Schools: Academic Achievement Distinction Designation Indicators for Advanced Placement and International Baccalaureate Combined

Reporting of Results

In 2013, the campus-level academic achievement distinction designations (AADD) indicators for Advanced Placement (AP) and International Baccalaureate (IB) examinations were evaluated for all students only. In addition to results for all students, this section of the report presents results by race/ethnicity and gender. As a preview of campus-level AADD indicators for 2014, the section also presents participation results for AP/IB English language arts (ELA) and mathematics examinations separately and participation and performance results for AP/IB science and social studies examinations.

Participation for ELA and Mathematics Combined

- In the 2011-12 school year, 16.4 percent of all students in Grades 11 and 12 took at least one AP or IB examination in ELA or mathematics (Table 1 on page 5).
- Among 11th- and 12th-grade students, 43.0 percent of Asian, 21.2 percent of multiracial, 19.4 percent of White, 13.5 percent of Hispanic, and 10.5 percent of African American students took at least one AP or IB examination in ELA or mathematics.
- A higher percentage of female (19.3%) than male (13.6%) students in Grades 11 and 12 took at least one AP or IB examination in ELA or mathematics.

ELA Participation and Performance

Participation

- In the 2011-12 school year, 14.1 percent of all students in Grades 11 and 12 took at least one AP or IB ELA examination (Table 1 on page 5).
- Among 11th- and 12th-grade students, 35.7 percent of Asian, 18.1 percent of multiracial, 16.3 percent of White, 11.8 percent of Hispanic, and 9.5 percent of African American students took at least one AP or IB ELA examination.
- A higher percentage of female (17.2%) than male (11.1%) students in Grades 11 and 12 took at least one AP or IB ELA examination.

Performance

- In the 2011-12 school year, 46.9 percent of all ELA examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB ELA examination (Table 1 on page 5).
- Among 11th- and 12th-grade ELA examinees, 69.7 percent of Asian students, 65.3 percent of White students, 60.3 percent of multiracial students, 26.1 percent of Hispanic students, and 25.8 percent of African American students scored at or above criterion on at least one AP or IB ELA examination.
- A higher percentage of male (48.5%) than female (45.9%) ELA examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB ELA examination.

Mathematics Participation and Performance

Participation

- In the 2011-12 school year, 5.4 percent of all students in Grades 11 and 12 took at least one AP or IB mathematics examination (Table 1 on page 5).
- Among 11th- and 12th-grade students, 21.9 percent of Asian, 7.6 percent of multiracial, 7.0 percent of White, 3.7 percent of Hispanic, and 2.4 percent of African American students took at least one AP or IB mathematics examination.
- Female and male students in Grades 11 and 12 took at least one AP or IB mathematics examination at the same rate (5.4%).

Performance

- In the 2011-12 school year, 52.8 percent of all mathematics examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB mathematics examination (Table 1 on page 5).
- Among 11th- and 12th-grade mathematics examinees, 72.5 percent of Asian students, 63.4 percent of multiracial students, 61.9 percent of White students, 34.4 percent of African American students, and 32.8 percent of Hispanic students scored at or above criterion on at least one AP or IB mathematics examination.
- A higher percentage of male (56.3%) than female (49.3%) mathematics examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB mathematics examination.

Science Participation and Performance

Participation

- In the 2011-12 school year, 5.9 percent of all students in Grades 11 and 12 took at least one AP or IB science examination (Table 2 on page 6).
- Among 11th- and 12th-grade students, 24.4 percent of Asian, 8.2 percent of multiracial, 7.1 percent of White, 4.2 percent of Hispanic, and 2.9 percent of African American students took at least one AP or IB science examination.
- A higher percentage of female (5.9%) than male (5.8%) students in Grades 11 and 12 took at least one AP or IB science examination.

Performance

- In the 2011-12 school year, 43.2 percent of all science examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB science examination (Table 2 on page 6).
- Among 11th- and 12th-grade science examinees, 63.4 percent of Asian students, 54.7 percent of White students, 53.0 percent of multiracial students, 22.3 percent of Hispanic students, and 20.8 percent of African American students scored at or above criterion on at least one AP or IB science examination.
- A higher percentage of male (49.3%) than female (37.0%) science examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB science examination.

Social Studies Participation and Performance

Participation

- In the 2011-12 school year, 12.4 percent of all students in Grades 11 and 12 took at least one AP or IB social studies examination (Table 3 on page 6).
- Among 11th- and 12th-grade students, 37.4 percent of Asian, 16.0 percent of multiracial, 14.4 percent of White, 10.2 percent of Hispanic, and 7.6 percent of African American students took at least one AP or IB social studies examination.
- A higher percentage of female (13.6%) than male (11.3%) students in Grades 11 and 12 took at least one AP or IB social studies examination.

Performance

- In the 2011-12 school year, 41.1 percent of all social studies examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB social studies examination (Table 3 on page 6).
- Among 11th- and 12th-grade social studies examinees, 63.7 percent of Asian students, 56.3 percent of White students, 51.4 percent of multiracial students, 22.7 percent of African American students, and 21.1 percent of Hispanic students scored at or above criterion on at least one AP or IB social studies examination.
- A higher percentage of male (45.1%) than female (37.6%) social studies examinees in Grades 11 and 12 scored at or above criterion on at least one AP or IB social studies examination.

Table 1
Participation and Performance on English Language Arts (ELA) and Mathematics, Advanced Placement (AP) and International Baccalaureate (IB) Examinations Combined, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2011-12

Group	Students	ELA examinees		Math examinees		ELA or math examinees		ELA examinees scoring at or above criterion		Math examinees scoring at or above criterion	
		Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)	Number	Rate (%)
African American	81,132	7,675	9.5	1,986	2.4	8,548	10.5	1,982	25.8	683	34.4
American Indian	3,104	383	12.3	144	4.6	448	14.4	170	44.4	70	48.6
Asian	23,215	8,285	35.7	5,089	21.9	9,985	43.0	5,774	69.7	3,692	72.5
Hispanic	281,504	33,315	11.8	10,410	3.7	37,904	13.5	8,699	26.1	3,413	32.8
Pacific Islander	840	120	14.3	38	4.5	130	15.5	55	45.8	23	60.5
White	216,140	35,180	16.3	15,023	7.0	41,833	19.4	22,976	65.3	9,296	61.9
Multiracial	9,914	1,797	18.1	756	7.6	2,098	21.2	1,084	60.3	479	63.4
Female	304,605	52,266	17.2	16,589	5.4	58,650	19.3	24,001	45.9	8,171	49.3
Male	311,244	34,538	11.1	16,863	5.4	42,348	13.6	16,750	48.5	9,488	56.3
State	615,849	86,807	14.1	33,456	5.4	101,002	16.4	40,754	46.9	17,661	52.8

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees by race/ethnicity or by gender may differ from one another or from the total of all examinees. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information.

Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity.

Table 2
Participation and Performance in Science, Advanced Placement (AP) and International Baccalaureate (IB) Examinations Combined, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2011-12

Group	Students	Science examinees		Science examinees scoring at or above criterion	
		Number	Rate (%)	Number	Rate (%)
African American	81,132	2,366	2.9	493	20.8
American Indian	3,104	138	4.4	54	39.1
Asian	23,215	5,672	24.4	3,596	63.4
Hispanic	281,504	11,807	4.2	2,636	22.3
Pacific Islander	840	47	5.6	24	51.1
White	216,140	15,296	7.1	8,370	54.7
Multiracial	9,914	810	8.2	429	53.0
Female	304,605	18,072	5.9	6,695	37.0
Male	311,244	18,080	5.8	8,913	49.3
State	615,849	36,157	5.9	15,610	43.2

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees by race/ethnicity or by gender may differ from one another or from the total of all examinees. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity.

Table 3
Participation and Performance in Social Studies, Advanced Placement (AP) and International Baccalaureate (IB) Examinations Combined, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2011-12

Group	Students	Social studies examinees		Social studies examinees scoring at or above criterion	
		Number	Rate (%)	Number	Rate (%)
African American	81,132	6,164	7.6	1,399	22.7
American Indian	3,104	298	9.6	110	36.9
Asian	23,215	8,671	37.4	5,520	63.7
Hispanic	281,504	28,629	10.2	6,044	21.1
Pacific Islander	840	107	12.7	45	42.1
White	216,140	31,110	14.4	17,512	56.3
Multiracial	9,914	1,591	16.0	818	51.4
Female	304,605	41,479	13.6	15,602	37.6
Male	311,244	35,124	11.3	15,855	45.1
State	615,849	76,607	12.4	31,460	41.1

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees by race/ethnicity or by gender may differ from one another or from the total of all examinees. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity.

Results for Texas Public Schools: Advanced Placement and International Baccalaureate Combined

Comparison of Results Across Years

Beginning with results for 2011-12, Texas public school Advanced Placement (AP) and International Baccalaureate (IB) participation rate calculations were changed to include students served in special education programs in the denominators. Consequently, results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Statewide Results

- In the 2011-12 school year, 21.9 percent of Texas public school students in Grades 11 and 12 took at least one AP or IB examination (Figure 1 on page 8 and Table 4 on page 10).
- Among 11th- and 12th-grade examinees, 50.8 percent scored 3 or higher on at least one AP examination or 4 or higher on at least one IB examination (Figure 2 on page 9 and Table 4 on page 10).
- Among 11th- and 12th-grade students, 11.1 percent scored 3 or higher on at least one AP examination or 4 or higher on at least one IB examination (Table 5 on page 12).

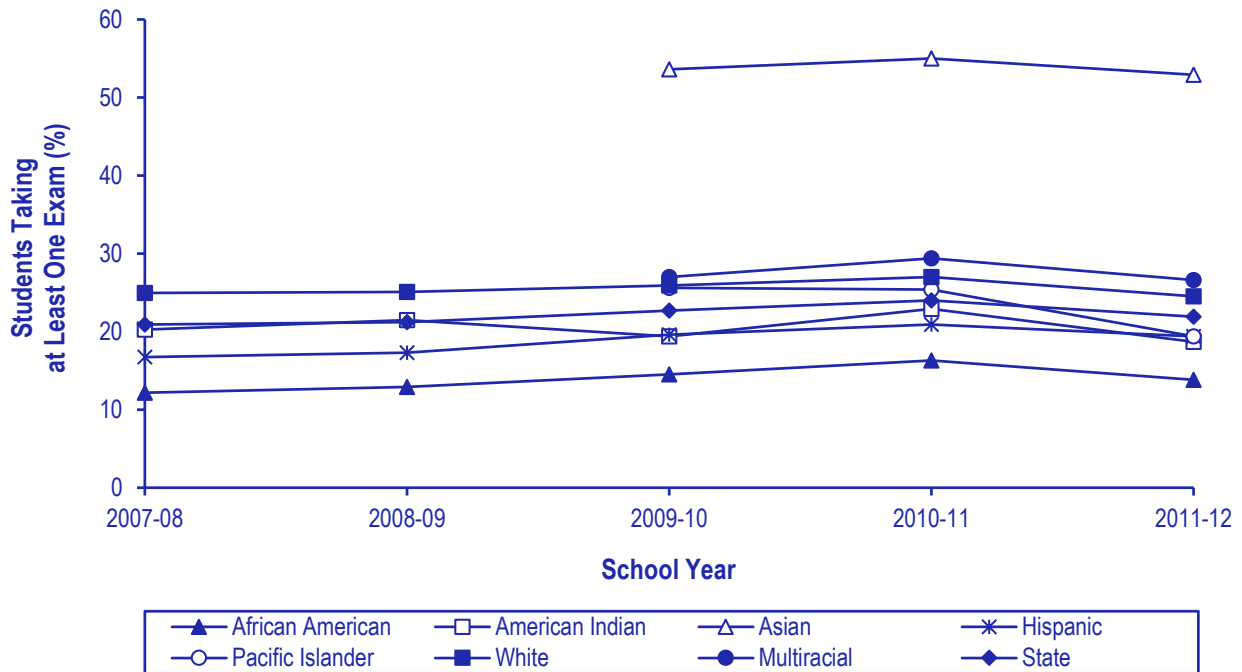
Participation and Performance by Race/Ethnicity

- Among 11th- and 12th-grade students in the 2011-12 school year, 52.9 percent of Asian, 26.6 percent of multiracial, 24.5 percent of White, 19.4 percent of Hispanic, and 13.8 percent of African American students took at least one AP or IB examination (Table 4 on page 10).
- Among 11th- and 12th-grade examinees, 72.0 percent of Asian students, 64.6 percent of White students, 60.5 percent of multiracial students, 36.9 percent of Hispanic students, and 27.7 percent of African American students scored 3 or higher on at least one AP examination or 4 or higher on at least one IB examination.

Participation and Performance by Gender

- In the 2011-12 school year, a higher percentage of female (24.9%) than male (18.9%) students in Grades 11 and 12 took at least one AP or IB examination (Table 4 on page 10).
- By contrast, a higher percentage of male (52.9%) than female (49.1%) examinees in Grades 11 and 12 scored 3 or higher on at least one AP examination or 4 or higher on at least one IB examination.

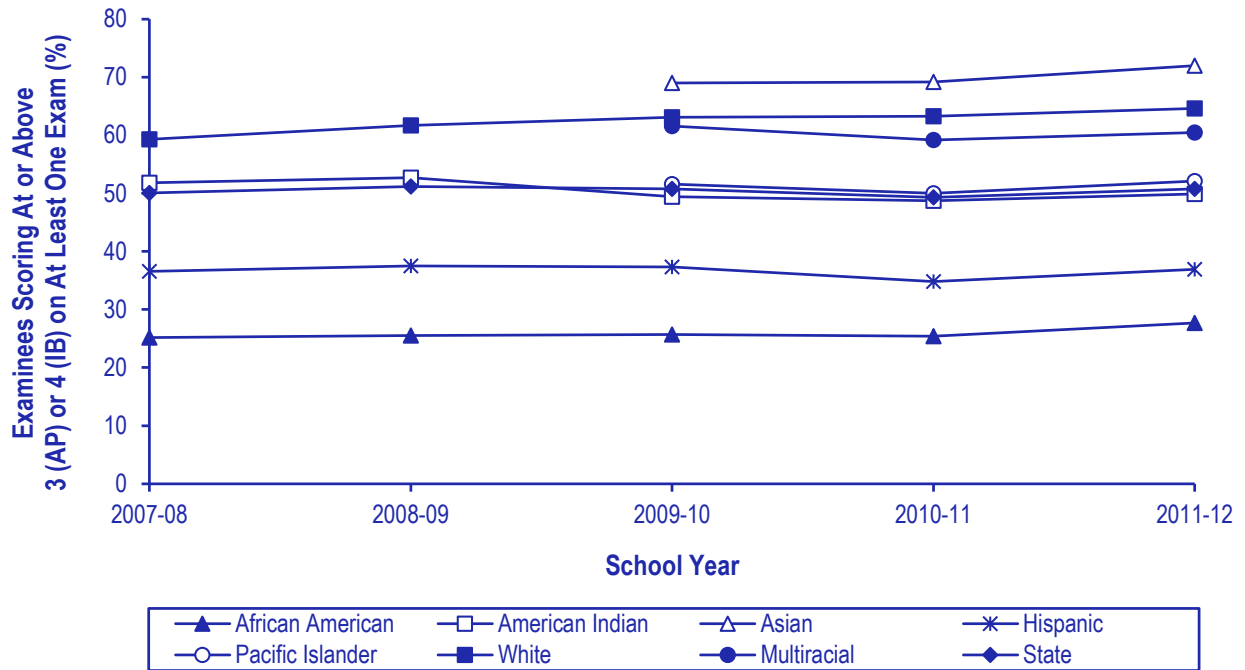
Figure 1
Participation in Advanced Placement (AP) and International Baccalaureate (IB) Examinations Combined, Grades 11 and 12, by Race/Ethnicity, Texas Public Schools, 2007-08 Through 2011-12



Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Racial groups (African American, American Indian, Asian, Pacific Islander, and White) do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school AP and IB participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Figure 2
Performance on Advanced Placement (AP) and International Baccalaureate (IB) Examinations Combined, Grades 11 and 12, by Race/Ethnicity, Texas Public Schools, 2007-08 Through 2011-12



Source. Primary data from College Board, IB, and Texas Education Agency.

Note. Examinees who took multiple examinations are counted only once. Racial groups (African American, American Indian, Asian, Pacific Islander, and White) do not include students of Hispanic ethnicity.

Table 4
Participation and Performance on Advanced Placement (AP) and International Baccalaureate (IB)
Examinations Combined, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools,
2007-08 Through 2011-12

Group	Students	Examinees		Examinees scoring at or above 3 (AP) or 4 (IB)		Examinations	Examinations with scores at or above 3 (AP) or 4 (IB)	
		Number	Participation rate (%)	Number	Percent		Number	Percent
2007-08								
African American	68,334	8,305	12.2	2,092	25.2	15,087	3,473	23.0
American Indian	1,753	355	20.3	184	51.8	740	325	43.9
Asian/Pacific Islander	20,004	9,666	48.3	6,571	68.0	28,166	17,504	62.2
Hispanic	198,824	33,292	16.7	12,165	36.5	62,065	17,970	29.0
White	212,008	52,920	25.0	31,369	59.3	115,312	62,497	54.2
Female	259,718	59,845	23.0	29,187	48.8	122,324	53,345	43.6
Male	241,205	44,827	18.6	23,256	51.9	99,275	48,515	48.9
State	500,923	104,672	20.9	52,443	50.1	221,599	101,860	46.0
2008-09								
African American	70,480	9,086	12.9	2,321	25.5	16,454	3,859	23.5
American Indian	1,802	387	21.5	204	52.7	800	405	50.6
Asian/Pacific Islander	21,243	10,317	48.6	7,120	69.0	29,903	18,939	63.3
Hispanic	212,845	36,770	17.3	13,780	37.5	69,387	20,695	29.8
White	209,831	52,644	25.1	32,495	61.7	114,888	65,728	57.2
Female	265,636	61,972	23.3	30,544	49.3	126,110	56,314	44.7
Male	250,565	47,434	18.9	25,470	53.7	105,692	53,468	50.6
State	516,201	109,406	21.2	56,014	51.2	231,802	109,782	47.4
2009-10								
African American	68,829	9,956	14.5	2,558	25.7	18,608	4,391	23.6
American Indian	2,798	543	19.4	268	49.4	1,144	459	40.1
Asian	20,274	10,858	53.6	7,494	69.0	32,425	20,612	63.6
Hispanic	231,622	45,357	19.6	16,915	37.3	87,134	25,899	29.7
Pacific Islander	720	184	25.6	95	51.6	422	211	50.0
White	200,892	52,060	25.9	32,874	63.1	115,077	66,824	58.1
Multiracial	7,432	2,008	27.0	1,237	61.6	4,697	2,714	57.8

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school AP and IB participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

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Table 4 (continued)

Participation and Performance on Advanced Placement (AP) and International Baccalaureate (IB) Examinations Combined, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2007-08 Through 2011-12

Group	Students	Examinees		Examinees scoring at or above 3 (AP) or 4 (IB)		Examinations	Examinations with scores at or above 3 (AP) or 4 (IB)	
		Number	Participation rate (%)	Number	Percent		Number	Percent
Female	272,280	68,262	25.1	33,715	49.4	141,507	62,965	44.5
Male	260,287	52,874	20.3	27,793	52.6	118,303	58,258	49.2
State	532,567	121,136	22.7	61,508	50.8	259,810	121,223	46.7
2010-11								
African American	69,436	11,337	16.3	2,875	25.4	21,262	4,909	23.1
American Indian	2,684	614	22.9	299	48.7	1,280	545	42.6
Asian	21,218	11,664	55.0	8,077	69.2	35,570	22,450	63.1
Hispanic	243,788	50,920	20.9	17,713	34.8	100,535	28,137	28.0
Pacific Islander	794	202	25.4	101	50.0	492	242	49.2
White	198,638	53,691	27.0	33,970	63.3	120,954	69,782	57.7
Multiracial	8,314	2,447	29.4	1,448	59.2	5,702	3,076	53.9
Female	278,173	73,895	26.6	35,570	48.1	156,024	67,487	43.3
Male	266,699	57,064	21.4	28,949	50.7	129,912	61,715	47.5
State	544,872	130,973	24.0	64,530	49.3	285,976	129,223	45.2
2011-12								
African American	81,132	11,209	13.8	3,105	27.7	21,129	5,418	25.6
American Indian	3,104	579	18.7	289	49.9	1,184	518	43.8
Asian	23,215	12,270	52.9	8,834	72.0	37,289	25,020	67.1
Hispanic	281,504	54,737	19.4	20,207	36.9	108,164	32,455	30.0
Pacific Islander	840	163	19.4	85	52.1	385	182	47.3
White	216,140	52,979	24.5	34,206	64.6	119,073	70,766	59.4
Multiracial	9,914	2,633	26.6	1,594	60.5	6,250	3,521	56.3
Female	304,605	75,890	24.9	37,258	49.1	159,854	71,217	44.6
Male	311,244	58,769	18.9	31,090	52.9	133,752	66,706	49.9
State	615,849	134,671	21.9	68,357	50.8	293,630	137,937	47.0

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school AP and IB participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Table 5
Students Qualifying for College Credit Based on Advanced Placement (AP) or International Baccalaureate (IB) Examination Performance, Grades 11 and 12, by Race/Ethnicity, Texas Public Schools, 2011-12

Group	Students	Students scoring at or above 3 (AP) or 4 (IB)	
		Number	Percent
African American	81,132	3,105	3.8
American Indian	3,104	289	9.3
Asian	23,215	8,834	38.1
Hispanic	281,504	20,207	7.2
Pacific Islander	840	85	10.1
White	216,140	34,206	15.8
Multiracial	9,914	1,594	16.1
State	615,849	68,357	11.1

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of students by race/ethnicity may differ from the total of all examinees. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity. Beginning with results for 2011-12, calculation of percentages of Texas public school students qualifying for college credit based on AP or IB examination performance was changed to include students served in special education programs in the denominator. Consequently, results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Results for Texas Public Schools: Advanced Placement

Comparison of Results Across Years

Beginning with results for 2011-12, Texas public school Advanced Placement (AP) participation rate calculations were changed to include students served in special education programs in the denominators. Consequently, results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Statewide Results

- In the 2011-12 school year, 132,936 Texas public school students in Grades 11 and 12 took 281,985 AP examinations (Table 6 on page 14). Among 11th- and 12th-grade students, 21.6 percent took at least one AP examination.
- A total of 57,254 students in Grades 9 and 10 took 64,407 AP examinations (Table 8 on page 15). Among 9th- and 10th-grade students, 7.7 percent took at least one AP examination.
- A total of 3,558 students in Grade 8 took 3,570 AP examinations (Table 10 on page 16).
- Among 11th- and 12th-grade AP examinees, 50.0 percent scored in the 3-5 range on at least one AP examination (Table 6 on page 14).
- Of the 34 AP subject examinations taken by students in Grades 9-12 in 2011-12, the five most popular, in rank order, were: English Language and Composition, United States History, World History, English Literature and Composition, and United States Government and Politics (Table 13 on page 20).

Participation and Performance by Race/Ethnicity

- Among 11th- and 12th-grade students in the 2011-12 school year, 51.5 percent of Asian, 26.2 percent of multiracial, 24.2 percent of White, 19.2 percent of Hispanic, and 13.6 percent of African American students took at least one AP examination (Table 6 on page 14).
- Among 11th- and 12th-grade AP examinees, 70.8 percent of Asian, 64.0 percent of White, 59.8 percent of multiracial, 36.1 percent of Hispanic, and 26.6 percent of African American students scored in the 3-5 range on at least one AP examination.

- Of the 281,504 students in Grades 11 and 12 who identified their ethnicity as Hispanic in the 2011-12 school year, 179,864 (63.9%) identified White as their race, and 86,612 (30.8%) identified American Indian (Table 7). Among 11th- and 12th-grade Hispanic students, 19.3 percent of White and 18.1 percent of American Indian students took at least one AP examination.
- Among 11th- and 12th-grade Hispanic AP examinees, 36.0 percent of White and 35.5 percent of American Indian students scored in the 3-5 range on at least one AP examination.

Participation and Performance by Gender

- In the 2011-12 school year, a higher percentage of female (24.6%) than male (18.7) students in Grades 11 and 12 took at least one AP examination (Table 6).
- By contrast, a higher percentage of male (52.3%) than female (48.2%) examinees in Grades 11 and 12 scored in the 3-5 range on at least one AP examination.

Table 6
Advanced Placement (AP) Examination Participation and Performance, Grades 11 and 12, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Participation	Participation	3-5 on examinations	3-5 on examinations		with scores of 3-5	with scores of 3-5
		Number	rate (%)	Number	Percent		Number	Percent
African American	81,132	11,026	13.6	2,928	26.6	20,089	4,824	24.0
American Indian	3,104	576	18.6	286	49.7	1,141	489	42.9
Asian	23,215	11,954	51.5	8,469	70.8	34,672	22,847	65.9
Hispanic	281,504	54,156	19.2	19,571	36.1	104,745	30,191	28.8
Pacific Islander	840	154	18.3	70	45.5	301	122	40.5
White	216,140	52,382	24.2	33,530	64.0	114,949	67,513	58.7
Multiracial	9,914	2,599	26.2	1,554	59.8	5,956	3,306	55.5
Econ. disad. ^a	298,204	47,544	15.9	15,425	32.4	91,317	23,376	25.6
Not econ. disad.	317,645	83,458	26.3	50,204	60.2	187,287	104,564	55.8
Female	304,605	74,873	24.6	36,098	48.2	153,119	66,229	43.3
Male	311,244	58,063	18.7	30,338	52.3	128,866	63,106	49.0
State	615,849	132,936	21.6	66,436	50.0	281,985	129,335	45.9

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity, by economic status, or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity.

^aEconomically disadvantaged.

Table 7
Advanced Placement (AP) Examination Participation and Performance, Grades 11 and 12, Hispanic Students by Race, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	3-5 on examinations			Number	Percent
Hispanic	281,504	54,156	19.2	19,571	36.1	104,745	30,191	28.8
African American	3,162	493	15.6	135	27.4	886	202	22.8
American Indian	86,612	15,672	18.1	5,559	35.5	30,431	8,257	27.1
Asian	994	279	28.1	146	52.3	644	277	43.0
Pacific Islander	1,067	176	16.5	62	35.2	373	102	27.3
White	179,864	34,655	19.3	12,460	36.0	66,756	19,355	29.0
Multiracial	9,805	2,205	22.5	992	45.0	4,590	1,699	37.0
State	615,849	132,936	21.6	66,436	50.0	281,985	129,335	45.9

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race may differ from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information.

Table 8
Advanced Placement (AP) Examination Participation and Performance, Grades 9 and 10, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	3-5 on examinations			Number	Percent
African American	98,156	4,288	4.4	960	22.4	4,566	1,032	22.6
American Indian	3,583	203	5.7	83	40.9	223	90	40.4
Asian	26,496	6,972	26.3	4,704	67.5	8,626	5,976	69.3
Hispanic	361,572	24,271	6.7	9,852	40.6	27,470	10,609	38.6
Pacific Islander	952	78	8.2	30	38.5	88	34	38.6
White	237,393	20,220	8.5	11,505	56.9	22,066	12,603	57.1
Multiracial	11,689	1,132	9.7	594	52.5	1,273	673	52.9
Econ. disad. ^a	405,276	20,994	5.2	7,872	37.5	23,670	8,424	35.6
Not econ. disad.	334,565	34,980	10.5	19,355	55.3	39,341	22,045	56.0
Female	356,717	31,369	8.8	14,260	45.5	35,009	15,723	44.9
Male	383,124	25,885	6.8	13,504	52.2	29,398	15,333	52.2
State	739,841	57,254	7.7	27,764	48.5	64,407	31,056	48.2

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity, by economic status, or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity.

^aEconomically disadvantaged.

Table 9
Advanced Placement (AP) Examination Participation and Performance, Grades 9 and 10, Hispanic Students by Race, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Participation	3-5 on examinations	Number	Percent		with scores of 3-5	Number
Hispanic	361,572	24,271	6.7	9,852	40.6	27,470	10,609	38.6
African American	4,480	214	4.8	53	24.8	229	54	23.6
American Indian	103,167	6,742	6.5	2,805	41.6	7,704	3,041	39.5
Asian	1,209	143	11.8	65	45.5	157	72	45.9
Pacific Islander	1,079	52	4.8	26	50.0	57	28	49.1
White	241,123	15,900	6.6	6,412	40.3	17,957	6,877	38.3
Multiracial	10,514	744	7.1	316	42.5	858	357	41.6
State	739,841	57,254	7.7	27,764	48.5	64,407	31,056	48.2

Source: Primary data from College Board and Texas Education Agency (TEA).

Note: Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race may differ from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information.

Table 10
Advanced Placement (AP) Examination Participation and Performance, Grade 8, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Participation	3-5 on examinations	Number	Percent		with scores of 3-5	Number
African American	47,041	11	<0.1	<5	–	12	<5	–
American Indian	1,683	6	0.4	<5	–	6	<5	–
Asian	12,436	8	0.1	8	100	8	8	100
Hispanic	177,571	3,507	2.0	2,270	64.7	3,516	2,273	64.6
Pacific Islander	420	<5	–	<5	–	<5	<5	–
White	115,035	24	<0.1	14	58.3	26	15	57.7
Multiracial	5,841	<5	–	<5	–	<5	<5	–
Econ. disad. ^a	207,777	3,143	1.5	2,019	64.2	3,153	2,021	64.1
Not econ. disad.	152,250	394	0.3	268	68.0	396	270	68.2
Female	175,047	2,194	1.3	1,504	68.6	2,202	1,506	68.4
Male	184,980	1,364	0.7	795	58.3	1,368	797	58.3
State	360,027	3,558	1.0	2,299	64.6	3,570	2,303	64.5

Source: Primary data from College Board and Texas Education Agency (TEA).

Note: Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity, by economic status, or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinees or examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity.

^aEconomically disadvantaged.

Table 11
Advanced Placement (AP) Examination Participation and Performance, Grade 8, Hispanic Students
by Race, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	3-5 on examinations			with scores of 3-5	
				Number	Percent		Number	Percent
Hispanic	177,571	3,507	2.0	2,270	64.7	3,516	2,273	64.6
African American	2,320	11	0.5	6	54.5	11	6	54.5
American Indian	50,494	1,385	2.7	904	65.3	1,394	907	65.1
Asian	561	<5	–	<5	–	<5	<5	–
Pacific Islander	439	<5	–	<5	–	<5	<5	–
White	118,642	2,043	1.7	1,307	64.0	2,043	1,307	64.0
Multiracial	5,115	64	1.3	53	82.8	64	53	82.8
State	360,027	3,558	1.0	2,299	64.6	3,570	2,303	64.5

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race may differ from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinees or examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity.

Table 12
Advanced Placement (AP) Examination Participation and Performance, Grades 11 and 12, by
Race/Ethnicity and Gender, Texas Public Schools, 2007-08 Through 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	3-5 on examinations	Percent		Number	Percent
2007-08								
African American	68,334	8,197	12.0	1,992	24.3	14,596	3,148	21.6
American Indian	1,753	350	20.0	178	50.9	707	295	41.7
Asian/Pacific Islander	20,004	9,549	47.7	6,420	67.2	26,757	16,336	61.1
Hispanic	198,824	32,989	16.6	11,881	36.0	60,709	17,058	28.1
White	212,008	52,345	24.7	30,797	58.8	112,035	59,927	53.5
Female	259,718	59,150	22.8	28,487	48.2	118,453	50,423	42.6
Male	241,205	44,405	18.4	22,839	51.4	96,560	46,423	48.1
State	500,923	103,555	20.7	51,326	49.6	215,013	96,846	45.0
2008-09								
African American	70,480	8,979	12.7	2,225	24.8	15,991	3,573	22.3
American Indian	1,802	385	21.4	202	52.5	778	385	49.5
Asian/Pacific Islander	21,243	10,145	47.8	6,933	68.3	28,354	17,718	62.5
Hispanic	212,845	36,445	17.1	13,464	36.9	67,799	19,626	28.9
White	209,831	52,072	24.8	31,912	61.3	111,312	62,904	56.5
Female	265,636	61,251	23.1	29,810	48.7	121,887	53,114	43.6
Male	250,565	46,962	18.7	25,008	53.3	102,671	51,218	49.9
State	516,201	108,213	21.0	54,818	50.7	224,558	104,332	46.5
2009-10								
African American	68,829	9,816	14.3	2,436	24.8	17,993	4,053	22.5
American Indian	2,798	536	19.2	262	48.9	1,119	445	39.8
Asian	20,274	10,652	52.5	7,254	68.1	30,663	19,184	62.6
Hispanic	231,622	45,000	19.4	16,514	36.7	85,288	24,576	28.8
Pacific Islander	720	162	22.5	74	45.7	317	137	43.2
White	200,892	51,438	25.6	32,221	62.6	111,450	63,905	57.3
Multiracial	7,432	1,987	26.7	1,212	61.0	4,521	2,570	56.8
Female	272,280	67,437	24.8	32,816	48.7	136,701	59,278	43.4
Male	260,287	52,306	20.1	27,209	52.0	114,913	55,672	48.4
State	532,567	119,743	22.5	60,025	50.1	251,614	114,950	45.7

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school AP participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

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Table 12 (continued)

Advanced Placement (AP) Examination Participation and Performance, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2007-08 Through 2011-12

Group	Students	Examinees		Examinees scoring 3-5 on examinations		Examinations	Examinations with scores of 3-5	
		Number	Participation rate (%)	Number	Percent		Number	Percent
2010-11								
African American	69,436	11,151	16.1	2,729	24.5	20,428	4,484	22.0
American Indian	2,684	605	22.5	289	47.8	1,227	510	41.6
Asian	21,218	11,396	53.7	7,772	68.2	33,407	20,696	62.0
Hispanic	243,788	50,366	20.7	17,150	34.1	97,632	26,324	27.0
Pacific Islander	794	183	23.0	72	39.3	356	138	38.8
White	198,638	53,053	26.7	33,283	62.7	116,832	66,541	57.0
Multiracial	8,314	2,400	28.9	1,402	58.4	5,449	2,885	52.9
Female	278,173	72,884	26.2	34,503	47.3	150,024	63,169	42.1
Male	266,699	56,354	21.1	28,230	50.1	125,448	58,470	46.6
State	544,872	129,238	23.7	62,733	48.5	275,472	121,639	44.2
2011-12								
African American	81,132	11,026	13.6	2,928	26.6	20,089	4,824	24.0
American Indian	3,104	576	18.6	286	49.7	1,141	489	42.9
Asian	23,215	11,954	51.5	8,469	70.8	34,672	22,847	65.9
Hispanic	281,504	54,156	19.2	19,571	36.1	104,745	30,191	28.8
Pacific Islander	840	154	18.3	70	45.5	301	122	40.5
White	216,140	52,382	24.2	33,530	64.0	114,949	67,513	58.7
Multiracial	9,914	2,599	26.2	1,554	59.8	5,956	3,306	55.5
Female	304,605	74,873	24.6	36,098	48.2	153,119	66,229	43.3
Male	311,244	58,063	18.7	30,338	52.3	128,866	63,106	49.0
State	615,849	132,936	21.6	66,436	50.0	281,985	129,335	45.9

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school AP participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Table 13
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
English Language and Composition				
Grade 9	67	0.1	7.5	1.5
Grade 10	1,181	2.2	29.6	2.1
Grade 11	50,212	93.5	46.5	2.5
Grade 12	2,224	4.1	41.1	2.4
Total	53,684	100	45.9	2.5
United States History				
Grade 9	9	<0.1	22.2	1.8
Grade 10	418	1.0	51.2	2.7
Grade 11	41,902	97.6	36.7	2.3
Grade 12	618	1.4	32.2	2.1
Total	42,947	100	36.8	2.3
World History				
Grade 9	153	0.4	24.2	1.8
Grade 10	36,467	98.2	42.2	2.4
Grade 11	417	1.1	39.3	2.3
Grade 12	85	0.2	49.4	2.5
Total	37,122	100	42.1	2.4
English Literature and Composition				
Grade 9	8	<0.1	12.5	2.0
Grade 10	47	0.1	61.7	3.1
Grade 11	2,028	6.1	29.8	2.2
Grade 12	31,110	93.7	46.3	2.5
Total	33,193	100	45.3	2.5
United States Government and Politics				
Grade 9	<5	–	–	–
Grade 10	<60	–	38.2	2.2
Grade 11	643	3.0	35.8	2.2
Grade 12	20,895	96.8	35.1	2.2
Total	21,596	100	35.1	2.2

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 13 (continued)
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
Spanish Language				
Grade 9	2,856	15.0	66.4	3.1
Grade 10	5,706	29.9	71.3	3.3
Grade 11	6,874	36.0	70.0	3.3
Grade 12	3,633	19.1	69.0	3.3
Total	19,069	100	69.7	3.2
Calculus AB				
Grade 9	21	0.1	100	4.9
Grade 10	142	0.8	88.0	4.0
Grade 11	2,204	12.8	59.2	3.0
Grade 12	14,863	86.3	43.4	2.4
Total	17,230	100	45.8	2.5
Macroeconomics				
Grade 9	<5	–	–	–
Grade 10	<20	–	37.5	2.3
Grade 11	534	3.2	48.7	2.6
Grade 12	16,314	96.7	37.0	2.2
Total	16,866	100	37.4	2.2
Biology				
Grade 9	118	1.0	64.4	3.2
Grade 10	731	6.2	45.1	2.6
Grade 11	2,385	20.2	42.2	2.4
Grade 12	8,580	72.6	33.9	2.1
Total	11,814	100	36.6	2.2
Human Geography				
Grade 9	9,273	79.5	46.9	2.5
Grade 10	750	6.4	64.7	3.1
Grade 11	969	8.3	71.9	3.3
Grade 12	671	5.8	68.9	3.2
Total	11,663	100	51.4	2.6

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 13 (continued)
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
Psychology				
Grade 9	26	0.2	26.9	1.8
Grade 10	828	7.4	59.4	2.9
Grade 11	6,430	57.3	56.7	2.8
Grade 12	3,938	35.1	52.7	2.7
Total	11,222	100	55.4	2.8
Statistics				
Grade 9	7	0.1	85.7	3.9
Grade 10	323	3.0	77.1	3.5
Grade 11	2,232	20.4	68.1	3.1
Grade 12	8,371	76.6	48.4	2.5
Total	10,933	100	53.3	2.7
Environmental Science				
Grade 9	8	0.1	75.0	3.4
Grade 10	176	2.1	42.0	2.6
Grade 11	1,521	17.8	52.8	2.8
Grade 12	6,822	80.0	43.1	2.4
Total	8,527	100	44.9	2.5
Chemistry				
Grade 9	<5	–	–	–
Grade 10	<300	–	35.9	2.3
Grade 11	4,050	53.5	50.8	2.6
Grade 12	3,218	42.5	34.9	2.1
Total	7,565	100	43.5	2.4
Physics B				
Grade 9	<5	–	–	–
Grade 10	<90	–	72.1	3.5
Grade 11	3,115	42.3	43.8	2.4
Grade 12	4,155	56.5	43.3	2.3
Total	7,359	100	43.9	2.4

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 13 (continued)
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
Calculus BC				
Grade 9	5	0.1	100	5.0
Grade 10	94	1.6	94.7	4.6
Grade 11	694	11.9	81.7	3.9
Grade 12	5,046	86.4	72.7	3.5
Total	5,839	100	74.1	3.5
Computer Science A				
Grade 9	184	5.5	79.9	3.6
Grade 10	855	25.6	60.9	2.9
Grade 11	1,379	41.3	58.0	2.8
Grade 12	924	27.6	47.2	2.5
Total	3,342	100	57.0	2.8
Physics C: Mechanics				
Grade 9	<5	–	–	–
Grade 10	<10	–	80.0	4.0
Grade 11	147	4.7	72.1	3.5
Grade 12	2,955	95.1	67.5	3.2
Total	3,107	100	67.8	3.2
Spanish Literature and Culture				
Grade 9	208	6.8	28.8	1.9
Grade 10	671	21.9	53.4	2.5
Grade 11	985	32.1	57.0	2.7
Grade 12	1,204	39.2	54.0	2.6
Total	3,068	100	53.1	2.6
European History				
Grade 9	6	0.2	83.3	3.7
Grade 10	497	19.7	83.7	3.5
Grade 11	678	26.8	68.9	2.9
Grade 12	1,347	53.3	63.9	2.8
Total	2,528	100	69.2	3.0

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 13 (continued)
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
Microeconomics				
Grade 9	<5	–	–	–
Grade 10	<5	–	–	–
Grade 11	149	6.5	69.1	3.2
Grade 12	2,141	93.3	46.1	2.5
Total	2,294	100	47.6	2.5
Studio Art: 2-D Design				
Grade 9	10	0.5	70.0	3.1
Grade 10	137	6.7	65.7	2.9
Grade 11	584	28.5	70.4	3.2
Grade 12	1,321	64.4	75.2	3.3
Total	2,052	100	73.1	3.3
Music Theory				
Grade 9	23	1.2	39.1	2.5
Grade 10	178	9.1	50.6	2.7
Grade 11	805	41.0	56.4	2.9
Grade 12	956	48.7	57.5	2.9
Total	1,962	100	56.2	2.9
Art History				
Grade 9	22	1.2	54.5	2.6
Grade 10	236	12.8	50.4	2.5
Grade 11	796	43.3	55.5	2.7
Grade 12	783	42.6	55.0	2.7
Total	1,837	100	54.7	2.7
Physics C: Electricity and Magnetism				
Grade 9	<5	–	–	–
Grade 10	<5	–	–	–
Grade 11	76	4.2	67.1	3.6
Grade 12	1,748	95.6	58.6	3.0
Total	1,828	100	59.0	3.1

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 13 (continued)
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
Studio Art: Drawing				
Grade 9	<5	–	–	–
Grade 10	<65	–	60.3	2.9
Grade 11	325	25.2	71.7	3.2
Grade 12	901	69.7	68.6	3.1
Total	1,292	100	69.0	3.1
French Language and Culture				
Grade 9	13	1.4	76.9	3.6
Grade 10	73	8.1	64.4	3.0
Grade 11	384	42.7	61.5	2.9
Grade 12	430	47.8	50.2	2.6
Total	900	100	56.6	2.8
Studio Art: 3-D Design				
Grade 9	<5	–	–	–
Grade 10	<20	–	38.9	2.4
Grade 11	102	28.2	63.7	3.1
Grade 12	242	66.9	64.9	3.0
Total	362	100	63.3	3.0
Chinese Language and Culture				
Grade 9	22	6.2	95.5	4.7
Grade 10	76	21.4	97.4	4.8
Grade 11	141	39.7	94.3	4.6
Grade 12	116	32.7	82.8	4.0
Total	355	100	91.3	4.4
Latin				
Grade 9	<5	–	–	–
Grade 10	<20	–	68.4	3.5
Grade 11	110	36.3	59.1	2.7
Grade 12	174	57.4	44.3	2.4
Total	303	100	51.2	2.6

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

continues

Table 13 (continued)
Advanced Placement (AP) Examinations and Performance, by Subject
and Grade, Texas Public Schools, 2011-12

Grade	Examinations		Scores	
	Number	Percent	Scoring in 3-5 range (%)	Mean score
German Language and Culture				
Grade 9	6	2.0	100	4.5
Grade 10	22	7.4	63.6	3.2
Grade 11	54	18.1	77.8	3.5
Grade 12	216	72.5	54.6	2.6
Total	298	100	60.4	2.9
Comparative Government and Politics				
Grade 9	<5	–	–	–
Grade 10	<10	–	–	–
Grade 11	80	28.8	50.0	2.7
Grade 12	192	69.1	49.5	2.6
Total	278	100	48.9	2.6
Japanese Language and Culture				
Grade 9	<5	–	–	–
Grade 10	<15	–	100	5.0
Grade 11	14	19.7	57.1	3.2
Grade 12	44	62.0	52.3	2.5
Total	71	100	62.0	3.1
Italian Language and Culture				
Grade 9	<5	–	–	–
Grade 10	<5	–	–	–
Grade 11	<5	–	–	–
Grade 12	28	84.8	92.9	3.9
Total	33	100	90.9	3.8

Source. Primary data from College Board and Texas Education Agency.

Note. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

Results for Texas Public Schools: International Baccalaureate

Comparison of Results Across Years

Beginning with results for 2011-12, Texas public school International Baccalaureate (IB) participation rate calculations were changed to include students served in special education programs in the denominators. Consequently, results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Statewide Results

- In the 2011-12 school year, 3,533 Texas public school students in Grades 11 and 12 took 11,643 IB examinations (Table 14 on page 28).
- Among 11th- and 12th-grade IB examinees, 87.3 percent scored in the 4-7 range on at least one IB examination.
- In 2011-12, the five most popular IB examinations, in rank order, were: English A1, History: Americas, Spanish B, Mathematics, and Biology (Table 17 on page 32).

Participation and Performance by Race/Ethnicity

- Among 11th- and 12th-grade students in the 2011-12 school year, 3.3 percent of Asian, 0.9 percent of multiracial, 0.6 percent of White, 0.4 percent of African American, and 0.4 percent of Hispanic students took at least one IB examination (Table 14 on page 28).
- Among 11th- and 12th-grade IB examinees, 94.5 percent of Asian students, 89.4 percent of White students, 85.4 percent of Hispanic students, 81.9 percent of multiracial students, and 71.6 percent of African American students scored in the 4-7 range on at least one IB examination.
- Of the 281,504 students in Grades 11 and 12 who identified their ethnicity as Hispanic in the 2011-12 school year, 179,864 (63.9%) identified White as their race, and 86,612 (30.8%) identified American Indian (Table 15 on page 29). Among 11th- and 12th-grade Hispanic students, 0.3 percent of White and 0.4 percent of American Indian students took at least one IB examination.
- Among 11th- and 12th-grade Hispanic IB examinees, 87.9 percent of White and 82.3 percent of American Indian students scored in the 4-7 range on at least one IB examination.

Participation and Performance by Gender

- In the 2011-12 school year, a higher percentage of female (0.7%) than male (0.5%) students in Grades 11 and 12 took at least one IB examination (Table 14).
- A higher percentage of female (87.9%) than male (86.7%) examinees in Grades 11 and 12 scored in the 4-7 range on at least one IB examination.

Table 14
International Baccalaureate (IB) Examination Participation and Performance, Grades 11 and 12, by Race/Ethnicity, Economic Status, and Gender, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	4-7 on examinations			Number	Percent
African American	81,132	327	0.4	234	71.6	1,044	597	57.2
American Indian	3,104	14	0.5	12	85.7	43	29	67.4
Asian	23,215	761	3.3	719	94.5	2,618	2,173	83.0
Hispanic	281,504	1,022	0.4	873	85.4	3,406	2,253	66.1
Pacific Islander	840	26	3.1	20	76.9	84	60	71.4
White	216,140	1,277	0.6	1,141	89.4	4,129	3,257	78.9
Multiracial	9,914	94	0.9	77	81.9	295	217	73.6
Econ. disad. ^a	298,204	876	0.3	713	81.4	3,034	1,819	60.0
Not econ. disad.	317,645	2,645	0.8	2,363	89.3	8,585	6,767	78.8
Female	304,605	2,035	0.7	1,788	87.9	6,735	4,988	74.1
Male	311,244	1,486	0.5	1,288	86.7	4,884	3,598	73.7
State	615,849	3,533	0.6	3,085	87.3	11,643	8,600	73.9

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity, by economic status, or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) do not include students of Hispanic ethnicity.

^aEconomically disadvantaged.

Table 15
International Baccalaureate (IB) Examination Participation and Performance, Grades 11 and 12, Hispanic Students by Race, Texas Public Schools, 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	4-7 on examinations	Percent		Number	Percent
Hispanic	281,504	1,022	0.4	873	85.4	3,406	2,253	66.1
African American	3,162	9	0.3	6	66.7	22	13	59.1
American Indian	86,612	379	0.4	312	82.3	1,210	747	61.7
Asian	994	<10	–	<10	–	13	<10	–
Pacific Islander	1,067	<5	–	<5	–	6	<5	–
White	179,864	588	0.3	517	87.9	2,040	1,402	68.7
Multiracial	9,805	37	0.4	31	83.8	115	83	72.2
State	615,849	3,533	0.6	3,085	87.3	11,643	8,600	73.9

Source: Primary data from IB and Texas Education Agency (TEA).

Note: Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race may differ from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinees or examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity.

Table 16
International Baccalaureate (IB) Examination Participation and Performance, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2007-08 Through 2011-12

Group	Students	Examinees		Examinees scoring 4-7 on examinations		Examinations	Examinations with scores of 4-7	
		Number	rate (%)	Number	Percent		Number	Percent
2007-08								
African American	68,334	152	0.2	125	82.2	491	325	66.2
American Indian	1,753	9	0.5	9	100	33	30	90.9
Asian/Pacific Islander	20,004	412	2.1	380	92.2	1,409	1,168	82.9
Hispanic	198,824	478	0.2	400	83.7	1,353	910	67.3
White	212,008	1,141	0.5	992	86.9	3,279	2,571	78.4
Female	259,718	1,292	0.5	1,135	87.8	3,865	2,916	75.4
Male	241,205	910	0.4	776	85.3	2,721	2,098	77.1
State	500,923	2,202	0.4	1,911	86.8	6,586	5,014	76.1
2008-09								
African American	70,480	166	0.2	123	74.1	463	286	61.8
American Indian	1,802	6	0.3	5	83.3	22	20	90.9
Asian/Pacific Islander	21,243	486	2.3	446	91.8	1,549	1,221	78.8
Hispanic	212,845	508	0.2	430	84.6	1,586	1,067	67.3
White	209,831	1,181	0.6	1,041	88.1	3,570	2,819	79.0
Female	265,636	1,387	0.5	1,222	88.1	4,217	3,195	75.8
Male	250,565	960	0.4	823	85.7	2,973	2,218	74.6
State	516,201	2,364	0.5	2,059	87.1	7,244	5,450	75.2
2009-10								
African American	68,829	227	0.3	164	72.2	619	341	55.1
American Indian	2,798	9	0.3	7	77.8	25	14	56.0
Asian	20,274	551	2.7	509	92.4	1,762	1,428	81.0
Hispanic	231,622	642	0.3	558	86.9	1,841	1,319	71.6
Pacific Islander	720	30	4.2	26	86.7	105	74	70.5
White	200,892	1,266	0.6	1,131	89.3	3,626	2,918	80.5
Multiracial	7,432	61	0.8	55	90.2	177	145	81.9
Female	272,280	1,628	0.6	1,450	89.1	4,793	3,676	76.7
Male	260,287	1,158	0.4	1,000	86.4	3,362	2,563	76.2
State	532,567	2,805	0.5	2,466	87.9	8,196	6,273	76.5

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) that are not shown as Hispanic subgroups do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school IB participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

continues

Table 16 (continued)

International Baccalaureate (IB) Examination Participation and Performance, Grades 11 and 12, by Race/Ethnicity and Gender, Texas Public Schools, 2007-08 Through 2011-12

Group	Students	Examinees		Examinees scoring		Examinations	Examinations	
		Number	Participation rate (%)	4-7 on examinations	Percent		Number	Percent
2010-11								
African American	69,436	296	0.4	197	66.6	834	425	51.0
American Indian	2,684	13	0.5	13	100	53	35	66.0
Asian	21,218	679	3.2	628	92.5	2,163	1,754	81.1
Hispanic	243,788	904	0.4	750	83.0	2,897	1,808	62.4
Pacific Islander	794	39	4.9	34	87.2	136	104	76.5
White	198,638	1,380	0.7	1,205	87.3	4,128	3,246	78.6
Multiracial	8,314	81	1.0	72	88.9	253	191	75.5
Female	278,173	1,947	0.7	1,676	86.1	6,000	4,318	72.0
Male	266,699	1,445	0.5	1,223	84.6	4,464	3,245	72.7
State	544,872	3,406	0.6	2,910	85.4	10,504	7,584	72.2
2011-12								
African American	81,132	327	0.4	234	71.6	1,044	597	57.2
American Indian	3,104	14	0.5	12	85.7	43	29	67.4
Asian	23,215	761	3.3	719	94.5	2,618	2,173	83.0
Hispanic	281,504	1,022	0.4	873	85.4	3,406	2,253	66.1
Pacific Islander	840	26	3.1	20	76.9	84	60	71.4
White	216,140	1,277	0.6	1,141	89.4	4,129	3,257	78.9
Multiracial	9,914	94	0.9	77	81.9	295	217	73.6
Female	304,605	2,035	0.7	1,788	87.9	6,735	4,988	74.1
Male	311,244	1,486	0.5	1,288	86.7	4,884	3,598	73.7
State	615,849	3,533	0.6	3,085	87.3	11,643	8,600	73.9

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. Sums of examinees or examinations by race/ethnicity or by gender may differ from one another or from the total of all examinees or examinations. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a) for additional information. Racial groups (African American, American Indian, Asian, Pacific Islander, White, and multiracial) that are not shown as Hispanic subgroups do not include students of Hispanic ethnicity. Because of a change to participation rate calculations, Texas public school IB participation results for 2011-12 are not comparable to results for previous years. See *Advanced Placement and International Baccalaureate General Information, 2011-12* (TEA, 2015a), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2011-12* (TEA, 2015b), for additional information.

Table 17
International Baccalaureate (IB) Examinations and Performance, by
Subject, Texas Public Schools, 2011-12

Examination	Examinations		Scores	
	Number	Percent	Scoring in 4-7 range (%)	Mean score
English A1				
Higher Level	1,956	16.8	91.5	4.6
Standard Level	11	0.1	100	5.5
Total	1,967	16.9	91.6	4.6
History: Americas				
Higher Level	1,603	13.8	72.4	4.0
Spanish B				
Higher Level	358	3.1	94.4	5.6
Standard Level	977	8.4	88.8	4.9
Total	1,335	11.5	90.3	5.1
Mathematics				
Higher Level	186	1.6	50.5	3.5
Standard Level	910	7.8	65.2	4.2
Total	1,096	9.4	62.7	4.1
Biology				
Higher Level	642	5.5	66.2	4.0
Standard Level	381	3.3	57.5	3.8
Total	1,023	8.8	63.0	3.9
Mathematical Studies				
Standard Level	817	7.0	80.5	4.9
Physics				
Higher Level	130	1.1	69.2	4.3
Standard Level	478	4.1	45.8	3.5
Total	608	5.2	50.8	3.7

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Excluded from the results are satisfactory theory of knowledge course and essay completions, which are required for the IB Diploma but excluded in TEA accountability system reporting of Advanced Placement (AP) and IB subject examinations. Also excluded are subjects in which the total number of examinations taken is less than five: Music Creating, Spanish A1, Arabic B, Spanish A2, Further Mathematics, German A1, Japanese B, and Korean B. A dash (-) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 17 (continued)
International Baccalaureate (IB) Examinations and Performance, by
Subject, Texas Public Schools, 2011-12

Examination	Examinations		Scores	
	Number	Percent	Scoring in 4-7 range (%)	Mean score
Chemistry				
Higher Level	199	1.7	55.8	3.9
Standard Level	221	1.9	49.3	3.7
Total	420	3.6	52.4	3.8
Visual Arts				
Higher Level	218	1.9	70.6	4.2
Standard Level	199	1.7	51.3	3.8
Total	417	3.6	61.4	4.0
Economics				
Higher Level	82	0.7	54.9	3.9
Standard Level	327	2.8	68.2	4.1
Total	409	3.5	65.5	4.0
Psychology				
Higher Level	76	0.7	75.0	4.2
Standard Level	304	2.6	55.6	3.7
Total	380	3.3	59.5	3.8
French B				
Higher Level	29	0.2	82.8	4.8
Standard Level	243	2.1	70.0	4.2
Total	272	2.3	71.3	4.3
Environmental Systems				
Standard Level	166	1.4	76.5	4.2

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Excluded from the results are satisfactory theory of knowledge course and essay completions, which are required for the IB Diploma but excluded in TEA accountability system reporting of Advanced Placement (AP) and IB subject examinations. Also excluded are subjects in which the total number of examinations taken is less than five: Music Creating, Spanish A1, Arabic B, Spanish A2, Further Mathematics, German A1, Japanese B, and Korean B. A dash (-) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 17 (continued)
International Baccalaureate (IB) Examinations and Performance, by
Subject, Texas Public Schools, 2011-12

Examination	Examinations		Scores	
	Number	Percent	Scoring in 4-7 range (%)	Mean score
Information Technology in a Global Society				
Higher Level	54	0.5	55.6	3.6
Standard Level	93	0.8	76.3	4.1
Total	147	1.3	68.7	4.0
History: Europe				
Higher Level	142	1.2	78.9	4.3
Computer Science				
Higher Level	27	0.2	92.6	5.2
Standard Level	89	0.8	84.3	4.8
Total	116	1.0	86.2	4.9
Music Group Performance				
Standard Level	90	0.8	83.3	4.4
Film				
Higher Level	48	0.4	68.8	4.1
Standard Level	27	0.2	33.3	3.1
Total	75	0.6	56.0	3.7
Latin				
Higher Level	<5	–	–	–
Standard Level	<55	–	86.5	4.6
Total	55	0.5	85.5	4.6
Art History				
Standard Level	53	0.5	62.3	3.9

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Excluded from the results are satisfactory theory of knowledge course and essay completions, which are required for the IB Diploma but excluded in TEA accountability system reporting of Advanced Placement (AP) and IB subject examinations. Also excluded are subjects in which the total number of examinations taken is less than five: Music Creating, Spanish A1, Arabic B, Spanish A2, Further Mathematics, German A1, Japanese B, and Korean B. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

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Table 17 (continued)
International Baccalaureate (IB) Examinations and Performance, by
Subject, Texas Public Schools, 2011-12

Examination	Examinations		Scores	
	Number	Percent	Scoring in 4-7 range (%)	Mean score
German B				
Higher Level	15	0.1	100	5.3
Standard Level	31	0.3	80.6	4.5
Total	46	0.4	87.0	4.7
Spanish AB				
Standard Level	45	0.4	91.1	4.9
Theater				
Higher Level	33	0.3	63.6	4.0
Standard Level	10	0.1	80.0	4.7
Total	43	0.4	67.4	4.2
Geography				
Higher Level	14	0.1	78.6	4.4
Standard Level	28	0.2	85.7	4.2
Total	42	0.4	83.3	4.2
Music				
Higher Level	37	0.3	48.6	3.8
Mandarin B				
Higher Level	10	0.1	80.0	5.5
Standard Level	22	0.2	90.9	4.9
Total	32	0.3	87.5	5.1
World Religions				
Standard Level	31	0.3	100	5.4

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Excluded from the results are satisfactory theory of knowledge course and essay completions, which are required for the IB Diploma but excluded in TEA accountability system reporting of Advanced Placement (AP) and IB subject examinations. Also excluded are subjects in which the total number of examinations taken is less than five: Music Creating, Spanish A1, Arabic B, Spanish A2, Further Mathematics, German A1, Japanese B, and Korean B. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

continues

Table 17 (continued)
International Baccalaureate (IB) Examinations and Performance, by
Subject, Texas Public Schools, 2011-12

Examination	Examinations		Scores	
	Number	Percent	Scoring in 4-7 range (%)	Mean score
French AB				
Standard Level	27	0.2	44.4	3.8
German AB				
Standard Level	23	0.2	56.5	3.8
Business Management				
Higher Level	10	0.1	60.0	3.8
Standard Level	10	0.1	70.0	3.9
Total	20	0.2	65.0	3.9
Music Solo Performance				
Standard Level	19	0.2	63.2	4.0
Dance				
Higher Level	12	0.1	100	5.1
Standard Level	5	<0.1	100	5.0
Total	17	0.1	100	5.1
Design Technology				
Standard Level	17	0.1	–	2.9
Hindi B				
Standard Level	10	0.1	100	4.5
History				
Standard Level	10	0.1	70.0	3.8
Italian B				
Higher Level	<5	–	–	–
Standard Level	<10	–	–	3.8
Total	9	0.1	66.7	4.6
Mandarin AB				
Standard Level	8	0.1	87.5	5.0

Source. Primary data from IB and Texas Education Agency (TEA).

Note. Excluded from the results are satisfactory theory of knowledge course and essay completions, which are required for the IB Diploma but excluded in TEA accountability system reporting of Advanced Placement (AP) and IB subject examinations. Also excluded are subjects in which the total number of examinations taken is less than five: Music Creating, Spanish A1, Arabic B, Spanish A2, Further Mathematics, German A1, Japanese B, and Korean B. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity. Parts may not add to 100 percent because of rounding.

Results for Texas Public Schools: Advanced Coursework

- In the 2011-12 school year, 393,682 Texas public school students in Grades 9-12 completed at least one advanced course (Table 18 on page 38). Of those, 63.1 percent completed at least one Advanced Placement (AP) course.
- Most students who took AP examinations also completed at least one advanced course. Among AP examinees, 93.0 percent completed at least one AP course, and an additional 2.0 percent completed other types of advanced courses (Table 19 on page 39).
- Among students who completed at least one AP course, 70.2 percent took at least one AP examination (Table 20 on page 40).
- Of the 458,581 AP courses completed, 66.5 percent were completed by students taking corresponding examinations (Table 21 on page 40). Of the 340,792 AP examinations taken, 89.5 percent were taken by students completing corresponding courses.
- The overall mean score for all AP examinations taken by students who had completed corresponding AP courses (2.5) was the same as the overall mean score for students who had not completed the courses (2.5) (Table 22 on page 41).
- AP examinees who completed corresponding AP courses had higher mean scores on 22 of the 27 examinations with at least 500 examinees than students who did not complete the courses (Table 23 on page 42). Students who took AP examinations without completing corresponding AP courses had the same mean score on the Physics B examination, and performed better on the remaining four examinations: Psychology, Environmental Science, Microeconomics, and French Language and Culture.

Table 18
Advanced Course Completions, Grades 9-12, by Course Type, Texas
Public Schools, 2007-08 Through 2011-12

Course type	Students completing at least one course ^a		Course completions		
	Number	Percent	Number	Percent ^c	Avg. ^b number per student
2007-08					
AP ^d	177,380	65.4	333,074	62.0	1.9
IB ^e	4,032	1.5	12,004	2.2	3.0
Other advanced ^f	165,877	61.1	191,781	35.7	1.2
All advanced	271,299	100	536,859	100	2.0
2008-09					
AP	190,674	65.8	351,530	61.8	1.8
IB	4,195	1.4	13,980	2.5	3.3
Other advanced	174,434	60.2	203,328	35.7	1.2
All advanced	289,571	100	568,838	100	2.0
2009-10					
AP	206,403	65.0	380,781	60.9	1.8
IB	4,971	1.6	17,139	2.7	3.4
Other advanced	194,306	61.2	227,437	36.4	1.2
All advanced	317,482	100	625,357	100	2.0
2010-11					
AP	231,891	60.7	429,412	57.9	1.9
IB	5,710	1.5	21,028	2.8	3.7
Other advanced	247,254	64.7	291,026	39.3	1.2
All advanced	381,938	100	741,466	100	1.9
2011-12					
AP	248,454	63.1	461,524	59.6	1.9
IB	5,846	1.5	21,690	2.8	3.7
Other advanced	246,863	62.7	290,696	37.6	1.2
All advanced	393,682	100	773,910	100	2.0

Source. Primary data from College Board, IB, and Texas Education Agency (TEA).

^aParts will not add to totals for all advanced courses because students may take more than one type of advanced course within a single year. ^bAverage. ^cParts may not add to 100 percent because of rounding. ^dAdvanced Placement. ^eInternational Baccalaureate. ^fCourses identified as advanced that are not AP or IB courses. See the *Glossary for the Texas Academic Performance Report* (e.g., TEA, 2013b) and the *Glossary for the Academic Excellence Indicator System* (e.g., TEA, 2012) for lists of courses identified as advanced.

Table 19
Advanced Placement (AP) Examinees Completing Advanced Courses, Grades 9-12, by Course Type, Texas Public Schools, 2007-08 Through 2011-12

Year	AP examinees	At least one AP course		No AP course			
		Number	Percent	Other advanced course ^a		No advanced course	
				Number	Percent	Number	Percent
2007-08	129,783	117,837	90.8	3,343	2.6	8,592	6.6
2008-09	139,039	127,154	91.5	3,294	2.4	8,591	6.2
2009-10	159,141	144,720	90.9	4,323	2.7	10,098	6.3
2010-11	180,187	166,330	92.3	4,230	2.3	9,627	5.3
2011-12	187,518	174,355	93.0	3,843	2.0	9,320	5.0

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. Examinees who took multiple examinations are counted only once. A student enrolled in a multi-semester course is counted as a completer only when he or she completes the final semester of the course. Counts of AP course completers may differ from counts of AP examinees because (a) not all course completers take examinations, (b) not all examinees complete advanced courses, and (c) some College Board records for examinees could not be matched to student records in the Public Education Information Management System. Parts may not add to 100 percent because of rounding.

^aCourses identified as advanced that are not AP courses. See the *Glossary for the Texas Academic Performance Report* (e.g., TEA, 2013b) and the *Glossary for the Academic Excellence Indicator System* (e.g., TEA, 2012) for lists of courses identified as advanced.

Table 20
Advanced Course Completers Taking Advanced Placement (AP)
Examinations, Grades 9-12, by Course Type, Texas Public Schools,
2007-08 Through 2011-12

Course type	Course completers	Course completers taking at least one AP examination	
		Number	Percent
2007-08			
At least one AP	177,380	117,837	66.4
Other (no AP) ^a	93,919	3,343	3.6
2008-09			
At least one AP	190,674	127,154	66.7
Other (no AP)	98,897	3,294	3.3
2009-10			
At least one AP	206,403	144,720	70.1
Other (no AP)	111,079	4,323	3.9
2010-11			
At least one AP	231,891	166,330	71.7
Other (no AP)	150,047	4,230	2.8
2011-12			
At least one AP	248,454	174,355	70.2
Other (no AP)	145,228	3,843	2.6

Source. Primary data from College Board and Texas Education Agency (TEA).

Note. A student enrolled in a multi-semester course is counted as a completer only when he or she completes the final semester of the course. Counts of AP course completers may differ from counts of AP examinees because (a) not all course completers take examinations, (b) not all examinees complete advanced courses, and (c) some College Board records for examinees could not be matched to student records in the Public Education Information Management System.

^aCourses identified as advanced that are not AP courses. See the *Glossary for the Texas Academic Performance Report* (e.g., TEA, 2013b) and the *Glossary for the Academic Excellence Indicator System* (e.g., TEA, 2012) for lists of courses identified as advanced.

Table 21
Correspondence Between Advanced Placement (AP) Examinations and AP Courses Completed,
Grades 9-12, Texas Public Schools, 2007-08 Through 2011-12

Year	AP examinations taken	Examinations taken with corresponding courses		AP courses completed	Courses completed with corresponding examinations	
		Number	Percent		Number	Percent
2007-08	241,184	205,846	85.3	332,705	205,846	61.9
2008-09	255,367	219,670	86.0	350,973	219,670	62.6
2009-10	292,517	252,762	86.4	379,915	252,762	66.5
2010-11	330,244	291,473	88.3	426,894	291,473	68.3
2011-12	340,792	304,864	89.5	458,581	304,864	66.5

Source. Primary data from College Board and Texas Education Agency.

Note. Counts of examinations include only one of the two Physics C examinations when students have scores for both. This is because the table provides a count of instances in which there is a one-to-one relationship between a student's participation in an examination and his or her participation in the corresponding course. A student enrolled in a multi-semester course is counted as a completer only when he or she completes the final semester of the course. Counts of AP course completers may differ from counts of AP examinees because (a) not all course completers take examinations, (b) not all examinees complete advanced courses, and (c) some College Board records for examinees could not be matched to student records in the Public Education Information Management System.

Table 22
Correspondence Between Advanced Placement (AP) Examination
Scores and AP Courses Completed, Grades 9-12, Texas Public Schools,
2007-08 Through 2011-12

Examination score	Examinations taken with corresponding courses			Examinations taken without corresponding courses		
	Number	Percent	Mean score	Number	Percent	Mean score
2007-08			2.5			2.5
5	18,059	8.8		3,502	9.9	
4	29,889	14.5		5,085	14.4	
3	44,581	21.7		7,125	20.2	
2	51,212	24.9		8,309	23.5	
1	62,105	30.2		11,317	32.0	
2008-09			2.5			2.5
5	21,466	9.7		3,991	11.1	
4	33,978	15.4		5,203	14.5	
3	47,318	21.4		6,882	19.2	
2	53,806	24.4		7,758	21.7	
1	64,205	29.1		11,986	33.5	
2009-10			2.5			2.4
5	25,126	9.9		4,189	10.5	
4	38,326	15.1		5,911	14.8	
3	53,082	20.9		7,254	18.2	
2	59,178	23.3		8,310	20.8	
1	78,346	30.8		14,204	35.6	
2010-11			2.5			2.4
5	26,506	9.0		3,300	8.5	
4	43,043	14.7		5,297	13.6	
3	60,226	20.6		7,328	18.8	
2	69,346	23.7		8,867	22.8	
1	93,902	32.0		14,091	36.2	
2011-12			2.5			2.5
5	30,073	9.8		3,703	10.3	
4	47,111	15.4		5,359	14.9	
3	65,537	21.4		7,079	19.6	
2	74,313	24.2		8,165	22.6	
1	89,431	29.2		11,768	32.6	

Source. Primary data from College Board and Texas Education Agency.

Note. Counts of examinations include both of the two Physics C examinations when students have scores for both. A student enrolled in a multi-semester course is counted as a completer only when he or she completes the final semester of the course. Counts of AP course completers may differ from counts of AP examinees because (a) not all course completers take examinations, (b) not all examinees complete advanced courses, and (c) some College Board records for examinees could not be matched to student records in the Public Education Information Management System. Parts may not add to 100 percent because of rounding.

Table 23
Correspondence Between Advanced Placement (AP) Examination Mean Scores and AP Courses Completed, Grades 9-12, by Subject, Texas Public Schools, 2011-12

Examination subject	Examinations taken with corresponding courses		Examinations taken without corresponding courses	
	Number	Mean score	Number	Mean score
English Language and Composition	47,527	2.5	6,157	2.3
United States History	40,247	2.3	2,700	2.0
World History	34,601	2.4	2,521	2.1
English Literature and Composition	30,699	2.5	2,494	2.3
United States Government and Politics	20,534	2.2	1,062	2.1
Calculus AB	16,409	2.5	821	1.7
Macroeconomics	15,513	2.3	1,353	1.9
Spanish Language	11,203	3.4	7,866	3.1
Biology	11,092	2.3	722	2.2
Statistics	10,640	2.7	293	1.8
Human Geography	9,966	2.7	1,697	2.3
Psychology	9,740	2.7	1,482	2.9
Environmental Science	8,044	2.5	483	2.6
Chemistry	7,094	2.4	471	1.9
Physics B	6,455	2.4	904	2.4
Calculus BC	5,506	3.6	333	3.0
Computer Science A	2,706	2.9	636	2.6
Physics C: Mechanics	2,694	3.3	413	2.7
Spanish Literature and Culture	2,383	2.7	685	2.1
European History	2,345	3.0	183	2.5
Microeconomics	1,827	2.5	467	2.6
Music Theory	1,787	2.9	175	2.3
Art History	1,682	2.8	155	1.9
Physics C: Electricity and Magnetism	1,670	3.1	158	2.7
Studio Art: 2-D Design	1,305	3.4	747	3.1

Source. Primary data from College Board and Texas Education Agency.

Note. Counts of examinations include both of the two Physics C examinations when students have scores for both. A student enrolled in a multi-semester course is counted as a completer only when he or she completes the final semester of the course. Counts of AP course completers may differ from counts of AP examinees because (a) not all course completers take examinations, (b) not all examinees complete advanced courses, and (c) some College Board records for examinees could not be matched to student records in the Public Education Information Management System. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity.

continues

Table 23 (continued)
Correspondence Between Advanced Placement (AP) Examination Mean Scores and AP Courses Completed, Grades 9-12, by Subject, Texas Public Schools, 2011-12

Examination subject	Examinations taken with corresponding courses		Examinations taken without corresponding courses	
	Number	Mean score	Number	Mean score
Studio Art: Drawing	959	3.2	333	2.9
French Language and Culture	645	2.7	255	2.8
Studio Art: 3-D Design	309	3.0	53	2.5
Latin	255	2.7	48	1.9
Comparative Government and Politics	225	2.6	53	2.6
German Language and Culture	205	2.6	93	3.5
Chinese Language and Culture	170	4.5	185	4.3
Japanese Language and Culture	<30	2.7	43	3.4
Italian Language and Culture	<5	–	33	3.8
All examination subjects	306,465	2.5	36,074	2.5

Source. Primary data from College Board and Texas Education Agency.

Note. Counts of examinations include both of the two Physics C examinations when students have scores for both. A student enrolled in a multi-semester course is counted as a completer only when he or she completes the final semester of the course. Counts of AP course completers may differ from counts of AP examinees because (a) not all course completers take examinations, (b) not all examinees complete advanced courses, and (c) some College Board records for examinees could not be matched to student records in the Public Education Information Management System. A dash (–) indicates data are not reported to protect student anonymity. When the number of examinations is not reported, it is presented in such a manner as to provide a general idea of the number while maintaining student anonymity.

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Citation. Texas Education Agency. (2015). *Advanced Placement and International Baccalaureate examination results in Texas public schools, 2011-12* (Document No. GE15 601 06). Austin, TX: Author.

Abstract. This report presents Advanced Placement (AP) and International Baccalaureate (IB) examination participation and performance results in Texas public schools for the 2011-12 school year. Data are provided by race/ethnicity, gender, and economic status.

Keywords. *Advanced placement, International Baccalaureate, credit by examination, testing, high school, scores, gifted and talented.*

The report is available in PDF format on the agency website at http://tea.texas.gov/acctres/ap_ib_index.html. Additional information about this report may be obtained by contacting the Texas Education Agency Division of Research and Analysis by phone at (512) 475-3523 or by e-mail at Research@tea.texas.gov.

For additional information about AP examinations, contact the College Board Southwestern Regional Office at (512) 721-1800 or <http://www.collegeboard.org/>. For additional information about IB examinations, contact the IB Americas Office in Bethesda, Maryland, at (301)-202-3000 or <http://www.ibo.org/>.



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**Document No. GE15 601 06
April 2015**