

## Advanced Placement Examination Results in Texas and the United States, 2010-11

This report presents Advanced Placement (AP) examination participation and performance data for students in Texas and the United States in public and nonpublic schools combined. AP 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.

Results presented in this report were obtained from summary reports released annually by the College Board. For additional information about AP 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, 2010-11* (TEA, 2013b), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2010-11* (TEA, 2013c). AP and International Baccalaureate results for Texas public schools are presented in the report *Advanced Placement and International Baccalaureate Examination Results in Texas Public Schools* (e.g., TEA, 2013a).

## Advanced Placement Results for Texas and the United States

- In 2010-11, a total of 198,272 students in Texas public and nonpublic schools took 360,735 Advanced Placement (AP) examinations (Table 1). Texas ranked second in the nation in both number of AP examinees and number of AP examinations taken (Table 3 on page 4). Texas was ninth in the nation in the percentage increase in number of examinees from the previous year (10.6%).
- Although the number of AP examinations with scores in the 3-5 range increased for both Texas and the nation from the prior year, the percentage of examinations with scores in the 3-5 range decreased for Texas and remained the same for the nation in 2010-11 (Table 1).
- In the 2010-11 school year, 56.5 percent of Texas AP examinees reported their race/ethnicity to the College Board as African American, American Indian, Asian/Pacific Islander, or Hispanic, whereas the combined proportion of these non-White student groups across the United States was considerably smaller (36.0%) (Table 2). In large part, the difference reflects the higher percentage of Hispanic AP examinees in Texas (38.1%) compared to the United States (15.8%).
- In 2010-11, the three AP examinations with the largest numbers of test takers were the same in Texas and the United States: English Language and Composition, United States History, and English Literature and Composition (Table 4 on page 6).
- Compared to the United States, Texas had higher percentages of examinees with scores in the 3-5 range on 3 out of 33 examinations: European History, Studio Art-2D Design, and Studio Art: Drawing (Table 4 on page 6).

**Table 1**  
**Advanced Placement (AP) Examination Trends, Texas and the United States, 2000-01**  
**Through 2010-11**

Year	Examinees		Examinations		Examinations with scores of 3-5		Scores in 3-5 range (%)	
	Texas	U.S.	Texas	U.S.	Texas	U.S.	Texas	U.S.
2000-01	69,569	820,880	125,785	1,380,146	64,157	845,933	51.0	61.3
2001-02	80,240	913,251	144,060	1,548,999	76,802	977,760	53.3	63.1
2002-03	90,880	998,329	164,804	1,705,207	85,545	1,048,510	51.9	61.5
2003-04	101,115	1,081,102	183,130	1,852,700	93,321	1,138,455	51.0	61.4
2004-05	112,263	1,197,439	204,403	2,065,045	99,428	1,225,845	48.6	59.4
2005-06	122,969	1,312,523	224,168	2,266,038	108,824	1,345,521	48.5	59.4
2006-07	135,130	1,432,169	246,096	2,476,962	116,809	1,460,806	47.5	59.0
2007-08	147,241	1,546,020	270,466	2,674,296	125,779	1,534,686	46.5	57.4
2008-09	158,993	1,653,962	287,756	2,860,912	138,276	1,672,594	48.1	58.5
2009-10	179,320	1,802,144	325,571	3,134,686	153,539	1,802,472	47.2	57.5
2010-11	198,272	1,926,204	360,735	3,365,617	163,705	1,936,054	45.4	57.5

Source. Primary data from College Board. See, for example, College Board (2011a, 2011b).

Note. Data are based on public and nonpublic school examinees.

**Table 2**  
**Advanced Placement (AP) Examinees, by Grade Level, Race/Ethnicity,**  
**and Gender, Texas and the United States, 2010-11**

Examinee group	Number		Percent		Change, 2009-10 to 2010-11 (percentage-point)	
	Texas	U.S.	Texas	U.S.	Texas	U.S.
9th/10th grade	53,038	395,013	26.8	20.5	1.9	1.3
11th grade	71,610	704,523	36.1	36.6	-1.1	>-0.1
12th grade	62,883	756,856	31.7	39.3	>-0.1	-0.6
11th/12th grade	134,493	1,461,379	67.8	75.9	-1.1	-0.6
African American	15,816	151,082	8.0	7.8	0.5	0.1
American Indian	1,066	9,737	0.5	0.5	<0.1	<0.1
Asian/Pacific Islander	19,502	227,727	9.8	11.8	0.2	0.3
Hispanic	75,593	305,141	38.1	15.8	1.3	0.8
White	76,830	1,105,142	38.7	57.4	-1.6	-0.7
Other ethnicity	3,936	62,478	2.0	3.2	0.1	-0.2
Not stated	5,529	64,897	2.8	3.4	-0.5	-0.3
Female	110,500	1,078,404	55.7	56.0	>-0.1	>-0.1
Male	87,772	847,800	44.3	44.0	<0.1	<0.1
Total	198,272	1,926,204	100	100		

*Source.* Primary data from College Board. See, for example, College Board (2011a, 2011b).

*Note.* Data are based on public and nonpublic school examinees. Parts may not add to 100 percent because of rounding.

**Table 3**  
**Advanced Placement (AP) Examination Results, Grades 11 and 12, by State and for the United States, 2010-11**

State	Enrollment		Examinees		Examinations	
	Number	Taking >=1 AP exam (%)	Number	Change, 2009-10 to 2010-11 (%)	Number	Scoring 3-5 (%)
Alabama	96,594	17.7	17,084	13.8	29,715	44.7
Alaska	18,986	13.9	2,638	-1.1	4,636	64.4
Arizona	146,404	17.3	25,284	7.2	42,982	56.4
Arkansas	61,467	35.8	22,023	6.7	37,527	30.8
California	952,843	31.5	299,829	6.8	550,988	59.8
Colorado	114,359	30.7	35,127	7.4	57,937	60.1
Connecticut	80,537	33.9	27,280	6.4	49,608	72.1
Delaware	16,716	31.6	5,287	5.3	9,303	55.8
District of Columbia	6,617	69.4	4,594	5.2	7,929	54.6
Florida	337,452	53.9	181,934	5.9	326,341	45.0
Georgia	202,555	35.7	72,384	0.8	120,706	54.5
Hawaii	23,267	28.0	6,517	9.7	10,249	56.3
Idaho	38,846	12.9	4,998	3.9	8,584	68.1
Illinois	296,733	26.5	78,654	9.7	138,091	65.3
Indiana	148,121	25.9	38,418	9.7	60,512	44.9
Iowa	72,807	13.2	9,609	7.0	14,896	65.4
Kansas	64,666	14.2	9,201	12.1	14,277	60.9
Kentucky	89,186	29.4	26,226	18.1	42,768	48.3
Louisiana	78,621	10.8	8,474	8.4	12,680	50.3
Maine	27,220	29.2	7,961	1.2	12,781	59.7
Maryland	122,058	48.8	59,617	5.6	110,641	60.2
Massachusetts	135,206	33.2	44,912	7.8	79,130	70.7
Michigan	242,516	20.1	48,745	7.0	78,679	64.8
Minnesota	131,713	26.6	35,091	7.8	56,942	65.0
Mississippi	59,593	10.7	6,350	0.6	9,329	34.8
Missouri	129,601	13.9	18,057	2.6	29,352	64.8
Montana	20,374	14.8	3,023	2.9	4,683	64.8
Nebraska	42,110	12.2	5,151	11.2	8,738	58.0
Nevada	50,905	23.6	11,996	6.1	20,908	47.8
New Hampshire	29,990	20.4	6,123	2.3	10,061	73.1
New Jersey	195,088	26.4	51,469	5.4	95,590	72.7
New Mexico	41,461	21.5	8,902	16.6	13,941	42.7

Source. Primary data from College Board. See, for example, College Board (2011a, 2011b).

Note. Data are based on public and nonpublic school examinees and enrollees.

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**Table 3 (continued)**

**Advanced Placement (AP) Examination Results, Grades 11 and 12, by State and for the United States, 2010-11**

State	Enrollment		Examinees		Examinations	
	Number	Taking >=1 AP exam (%)	Number	Change, 2009-10 to 2010-11 (%)	Number	Scoring 3-5 (%)
New York	362,266	37.0	133,871	3.8	228,147	64.4
North Carolina	193,059	25.9	49,958	1.8	94,061	60.9
North Dakota	14,389	9.4	1,359	13.4	1,823	66.5
Ohio	266,164	19.4	51,530	6.0	85,580	65.6
Oklahoma	80,328	18.8	15,120	3.3	25,188	48.1
Oregon	84,837	18.1	15,333	7.5	24,045	60.7
Pennsylvania	263,959	20.6	54,496	7.8	91,599	66.0
Rhode Island	20,325	22.6	4,600	7.0	7,925	63.6
South Carolina	89,545	23.1	20,684	5.6	34,476	57.6
South Dakota	18,711	13.3	2,481	6.2	4,207	68.0
Tennessee	131,702	17.3	22,816	6.6	38,068	58.6
<b>Texas</b>	<b>581,328</b>	<b>34.1</b>	<b>198,272</b>	<b>10.6</b>	<b>360,735</b>	<b>45.4</b>
Utah	74,295	24.9	18,508	7.5	29,851	67.7
Vermont	14,470	25.6	3,709	0.9	5,986	62.2
Virginia	172,434	41.9	72,329	7.3	133,831	59.4
Washington	157,495	25.0	39,328	10.3	66,242	60.3
West Virginia	37,475	16.2	6,062	12.4	9,834	43.8
Wisconsin	137,376	22.9	31,415	6.9	51,486	68.1
Wyoming	12,002	11.5	1,375	23.1	2,029	53.3
<b>U.S.</b>	<b>6,786,772</b>	<b>28.4</b>	<b>1,926,204</b>	<b>6.9</b>	<b>3,365,617</b>	<b>57.5</b>

Source. Primary data from College Board. See, for example, College Board (2011a, 2011b).

Note. Data are based on both public and nonpublic school examinees and enrollees.

**Table 4**  
**Advanced Placement (AP) Examinations and Scores, by Subject, Texas and the United States, 2010-11**

Examination	Examinations				Scores			
	Number		Percent		Scoring in		Mean score	
	Texas	U.S.	Texas	U.S.	3-5 range (%)		Texas	U.S.
English Language and Composition	55,610	406,475	15.4	12.1	47.5	61.0	2.5	2.9
United States History	43,505	402,947	12.1	12.0	36.0	52.8	2.3	2.7
English Literature and Composition	35,916	360,481	10.0	10.7	46.6	57.0	2.5	2.8
World History	35,771	186,430	9.9	5.5	37.7	48.2	2.3	2.6
Spanish Language	23,657	121,425	6.6	3.6	62.6	68.7	3.0	3.2
Government and Politics: U.S.	22,990	224,851	6.4	6.7	37.8	51.6	2.2	2.7
Calculus AB	19,252	245,572	5.3	7.3	43.3	55.6	2.4	2.8
Economics: Macroeconomics	16,603	83,966	4.6	2.5	37.2	52.4	2.2	2.7
Biology	13,200	179,544	3.7	5.3	35.2	50.1	2.2	2.7
Statistics	11,289	138,991	3.1	4.1	51.9	58.4	2.6	2.8
Psychology	11,191	193,162	3.1	5.7	55.4	66.0	2.7	3.1
Human Geography	11,114	82,692	3.1	2.5	45.3	50.7	2.5	2.6
Environmental Science	8,956	97,799	2.5	2.9	40.0	49.2	2.4	2.7
Chemistry	8,740	116,608	2.4	3.5	43.9	53.9	2.4	2.7
Physics B	7,265	71,395	2.0	2.1	43.0	60.1	2.4	2.9
Calculus BC	6,222	79,361	1.7	2.4	70.0	80.1	3.4	3.8
Computer Science A	3,597	21,139	1.0	0.6	54.1	63.7	2.7	3.1
Spanish Literature	3,450	17,369	1.0	0.5	48.9	60.0	2.5	2.8
Physics C: Mechanics	3,401	33,132	0.9	1.0	60.4	72.1	2.9	3.3
European History	3,070	105,469	0.9	3.1	71.5	64.7	3.1	2.8
Economics: Microeconomics	2,986	49,794	0.8	1.5	42.0	62.0	2.3	2.9
Art History	2,196	21,863	0.6	0.6	55.6	60.1	2.7	2.8
Studio Art: 2D Design	2,081	21,025	0.6	0.6	73.1	72.1	3.2	3.2
Music Theory	2,025	17,837	0.6	0.5	50.0	59.1	2.7	3.0
Physics C: Electricity and Magnetism	1,862	13,793	0.5	0.4	57.4	69.9	3.0	3.4
Studio Art: Drawing	1,386	15,684	0.4	0.5	71.7	71.4	3.1	3.1
French Language	1,168	18,454	0.3	0.5	39.2	55.1	2.2	2.7
Chinese Language and Culture	498	6,203	0.1	0.2	93.2	94.3	4.4	4.5
Government and Politics: Comparative	469	16,191	0.1	0.5	43.3	58.8	2.5	2.9
Latin-Vergil	412	6,028	0.1	0.2	50.2	63.9	2.6	3.0
German Language	398	4,770	0.1	0.1	52.8	63.7	2.7	3.1
Studio Art: 3D Design	369	3,328	0.1	0.1	56.1	61.3	2.8	2.9
Japanese Language and Culture	86	1,839	<0.1	0.1	65.1	72.3	3.1	3.4

Source. Primary data from College Board. See, for example, College Board (2011a, 2011b).

Note. Data are based on public and nonpublic school examinees. Parts may not add to 100 percent because of rounding.

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**Abstract.** This report presents Advanced Placement (AP) examination participation and performance results in Texas and the United States for the 2010-11 school year. The results are for public and nonpublic schools combined and are presented by race/ethnicity and gender.

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

The report is available in PDF format on the agency website at [http://www.tea.state.tx.us/acctres/ap\\_ib\\_index.html](http://www.tea.state.tx.us/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.state.tx.us](mailto:research@tea.state.tx.us).

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