

Advanced Placement Examination Results in Texas and the United States, 2016-17

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 Texas Education Agency (TEA) Division of Research and Analysis, including definitions of terms and explanations of calculations, please see *Advanced Placement and International Baccalaureate General Information, 2016-17* (TEA, forthcoming-b), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2016-17* (TEA, forthcoming-c). 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, 2016-17* (TEA, forthcoming-a).

Advanced Placement Results for Texas and the United States

- In the 2016-17 school year, a total of 310,793 students in Texas public and nonpublic schools took 584,179 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 5).
- Between 2015-16 and 2016-17, the number of AP examinations taken increased by 7.7 percent in Texas, compared to 5.4 percent in the United States as a whole (Table 1). The number of AP examinations with scores in the 3-5 range increased by 8.3 percent in Texas, compared to 5.4 percent in the United States. The percentage of examinations with scores in the 3-5 range increased by 0.3 percentage points in Texas and remained the same in the United States.
- In 2016-17, the percentage of AP examinees who reported their race/ethnicity to the College Board as African American, American Indian, Asian, Hispanic, Pacific Islander, or multiracial was considerably higher in Texas (67.0%) than the United States as a whole (47.3%) (Table 2 on page 4). In large part, the difference reflects the higher percentage of Hispanic AP examinees in Texas (46.0%), compared to the United States (23.2%).
- In 2016-17, the three AP examinations with the largest numbers of test takers in Texas were English Language and Composition, United States History, and World History (Table 4 on page 7). The three AP examinations with the largest numbers of test takers in the United States were English Language and Composition, United States History, and English Literature and Composition.
- Compared to the United States, Texas had higher percentages of examinees with scores in the 3-5 range on 2 out of 38 examinations: European History and Italian Language and Culture.

Table 1
Advanced Placement (AP) Examination Trends, Texas and the United States, 2006-07
Through 2016-17

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.
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
2011-12	207,321	2,046,377	374,091	3,594,696	179,021	2,114,995	47.9	58.8
2012-13	218,325	2,160,331	398,130	3,824,691	190,042	2,239,916	47.7	58.6
2013-14	238,161	2,281,499	434,001	4,056,283	211,192	2,380,263	48.7	58.7
2014-15	268,918	2,416,329	505,790	4,343,547	231,124	2,495,907	45.7	57.5
2015-16	289,550	2,538,998	542,178	4,559,273	250,081	2,620,390	46.1	57.5
2016-17	310,793	2,665,203	584,179	4,803,422	270,805	2,762,298	46.4	57.5

Source. Primary data from College Board. See, for example, College Board (2017a, 2017b).

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, 2016-17

Examinee group	Number		Percent		Change from previous year (percentage-point)	
	Texas	U.S.	Texas	U.S.	Texas	U.S.
9th/10th grade	105,298	704,312	33.9	26.4	-0.2	0.2
11th grade	104,042	973,797	33.5	36.5	-0.6	0.2
12th grade	85,945	921,751	27.7	34.6	-0.4	-0.8
11th/12th grade	189,987	1,895,548	61.1	71.1	-1.1	-0.6
African American	22,162	195,506	7.1	7.3	-0.2	0.0
American Indian	889	8,749	0.3	0.3	0.0	0.0
Asian	32,756	316,058	10.5	11.9	0.3	0.3
Hispanic	142,821	618,107	46.0	23.2	0.6	0.8
Pacific Islander	309	4,529	0.1	0.2	0.0	0.0
White	97,933	1,363,730	31.5	51.2	-1.0	-1.2
Multiracial	9,295	116,683	3.0	4.4	0.1	0.2
Other	102	708	0.0	0.0	-0.1	-0.1
Not stated	4,526	41,133	1.5	1.5	0.2	0.0
Female	174,195	1,504,820	56.0	56.5	0.2	0.1
Male	136,598	1,160,383	44.0	43.5	-0.2	-0.1
Total	310,793	2,665,203	100	100	n/a ^a	n/a

Source. Primary data from College Board. See, for example, College Board (2017a, 2017b).

Note. Data are based on public and nonpublic school examinees. Parts may not add to 100 percent because of rounding. Numbers of examinees by grade level may not sum to the totals because the totals include students who took examinations before Grade 9.

^aNot applicable.

Table 3
Advanced Placement (AP) Examination Results, Grades 11 and 12, by State and for the United States, 2016-17

State	Enrollment		Examinees		Examinations	
	Number	Taking at least 1 AP exam (%)	Number	Change from previous year (%)	Number	Scoring 3-5 (%)
Alabama	103,301	28.5	29,427	5.8	54,656	41.2
Alaska	19,185	18.0	3,456	4.7	5,876	59.7
Arizona	153,601	25.9	39,784	7.0	71,216	56.9
Arkansas	65,262	42.9	27,990	2.0	48,425	34.8
California	948,074	43.4	411,620	4.5	779,608	57.3
Colorado	126,174	40.7	51,335	8.1	86,292	60.2
Connecticut	80,510	44.2	35,609	4.1	66,822	70.4
Delaware	18,480	38.7	7,152	6.1	12,797	58.9
District of Columbia	7,101	94.2	6,687	5.0	12,578	53.0
Florida	385,753	55.9	215,446	3.7	391,250	51.6
Georgia	221,372	44.8	99,095	1.6	175,740	58.7
Hawaii	22,954	42.1	9,657	8.5	15,227	53.3
Idaho	42,270	18.5	7,819	15.7	13,151	75.0
Illinois	267,193	44.9	119,855	6.1	221,267	63.9
Indiana	148,440	33.8	50,154	2.8	84,425	52.4
Iowa	72,004	18.0	12,981	-2.2	20,372	62.5
Kansas	67,869	15.6	10,616	2.4	17,048	72.4
Kentucky	93,515	38.2	35,750	4.4	58,063	52.2
Louisiana	91,746	25.9	23,737	4.7	34,717	41.5
Maine	25,484	33.9	8,643	0.1	15,294	57.6
Maryland	116,928	57.9	67,737	2.5	127,262	63.6
Massachusetts	137,203	47.2	64,822	4.7	119,658	67.6
Michigan	228,789	28.4	65,067	3.9	109,164	64.0
Minnesota	135,115	33.6	45,348	3.6	73,559	65.9
Mississippi	62,019	17.1	10,580	12.5	16,068	34.7
Missouri	129,262	20.7	26,701	4.3	44,429	63.9
Montana	19,921	17.9	3,572	11.9	5,707	61.0
Nebraska	46,222	18.3	8,469	10.7	14,196	57.8
Nevada	63,222	34.6	21,880	14.3	39,185	48.2
New Hampshire	27,195	27.9	7,576	0.1	12,560	69.0

Source. Primary data from College Board. See, for example, College Board (2017a).

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, 2016-17

State	Enrollment		Examinees		Examinations	
	Number	Taking at least 1 AP exam (%)	Number	Change from previous year (%)	Number	Scoring 3-5 (%)
New Jersey	193,832	39.3	76,216	6.8	148,041	68.9
New Mexico	43,170	26.0	11,240	4.5	18,271	37.7
New York	376,188	44.0	165,666	4.7	292,527	62.2
North Carolina	215,196	38.1	81,957	5.8	154,529	53.5
North Dakota	15,114	16.3	2,464	30.1	3,699	58.5
Ohio	231,050	31.3	72,328	4.4	126,876	64.5
Oklahoma	82,317	22.3	18,375	2.7	31,816	48.0
Oregon	85,857	24.5	21,052	6.1	34,131	59.6
Pennsylvania	249,122	30.5	75,952	5.8	135,748	66.2
Rhode Island	19,120	37.3	7,141	8.1	12,684	58.5
South Carolina	98,602	33.8	33,334	8.0	53,625	57.7
South Dakota	17,667	16.3	2,884	9.1	4,688	69.6
Tennessee	143,996	24.7	35,527	5.6	60,301	59.2
Texas	656,949	47.3	310,793	7.3	584,179	46.4
Utah	86,250	32.3	27,862	4.9	43,318	67.0
Vermont	10,690	37.3	3,987	6.8	6,998	66.0
Virginia	182,375	43.4	79,079	1.4	157,699	67.6
Washington	167,517	32.2	53,949	5.3	91,934	71.0
West Virginia	36,822	21.7	7,976	-1.4	13,125	52.0
Wisconsin	131,503	35.6	46,862	6.0	79,592	66.2
Wyoming	12,971	15.4	1,994	3.5	3,029	55.8
U.S.	6,982,472	38.2	2,665,203	5.0	4,803,422	57.5

Source. Primary data from College Board. See, for example, College Board (2017a).

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

Table 4
Advanced Placement (AP) Examinations and Scores, by Subject, Texas and the United States, 2016-17

Examination	Examinations				Scores			
	Number		Percent		Scoring in 3-5 range (%)		Mean score	
	Texas	U.S.	Texas	U.S.	Texas	U.S.	Texas	U.S.
English Language and Composition	73,031	570,467	12.5	11.9	41.6	54.9	2.41	2.77
United States History	60,367	501,470	10.3	10.4	38.7	50.8	2.28	2.64
World History	58,399	294,562	10.0	6.1	44.8	54.8	2.50	2.76
English Literature and Composition	46,341	396,508	7.9	8.3	42.9	52.4	2.43	2.68
Human Geography	37,164	196,689	6.4	4.1	39.5	48.6	2.24	2.53
Government and Politics: U.S.	36,598	318,352	6.3	6.6	36.3	49.3	2.19	2.58
Physics 1	33,050	162,425	5.7	3.4	24.1	40.6	1.87	2.36
Spanish Language and Culture	30,715	166,329	5.3	3.5	85.0	88.4	3.46	3.60
Economics: Macroeconomics	28,233	131,829	4.8	2.7	38.7	56.1	2.27	2.84
Calculus AB	26,059	301,688	4.5	6.3	46.1	57.1	2.57	2.91
Biology	24,012	247,456	4.1	5.2	52.5	63.8	2.61	2.89
Psychology	18,714	293,538	3.2	6.1	52.5	63.9	2.67	3.05
Statistics	17,953	207,077	3.1	4.3	49.2	53.6	2.57	2.70
Environmental Science	16,381	157,434	2.8	3.3	43.8	49.2	2.48	2.66
Chemistry	14,027	149,595	2.4	3.1	41.6	51.0	2.35	2.63
Calculus BC	9,968	119,590	1.7	2.5	75.4	80.5	3.61	3.78
Computer Science A	6,626	56,088	1.1	1.2	65.0	66.6	3.06	3.13
Spanish Literature	6,154	24,871	1.1	0.5	64.6	72.3	2.89	3.08
European History	4,811	103,710	0.8	2.2	60.4	55.8	2.98	2.80
Physics C: Mechanics	4,668	49,024	0.8	1.0	74.1	79.0	3.51	3.69
Economics: Microeconomics	3,986	75,481	0.7	1.6	42.4	67.7	2.36	3.18
Physics 2	3,770	22,224	0.6	0.5	52.1	60.9	2.67	2.89
Studio Art: 2-D Design	3,289	31,639	0.6	0.7	80.9	84.8	3.43	3.52
Art: History	3,171	24,525	0.5	0.5	57.7	61.2	2.85	2.94
Physics C: Electricity and Magnetism	3,029	20,951	0.5	0.4	62.2	70.0	3.14	3.42
Computer Science Principles	2,299	43,780	0.4	0.9	71.8	74.4	3.15	3.16
Music Theory	2,298	18,928	0.4	0.4	59.5	60.6	2.95	3.01
Studio Art: Drawing	2,048	19,122	0.4	0.4	83.9	85.2	3.52	3.55
Seminar	1,967	18,661	0.3	0.4	84.7	86.2	3.11	3.12
French Language and Culture	1,497	20,557	0.3	0.4	61.5	73.5	2.87	3.21

Source: Primary data from College Board (2017a, 2017b).

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

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Table 4 (continued)
Advanced Placement (AP) Examinations and Scores, by Subject, Texas and the United States, 2016-17

Examination	Examinations				Scores			
	Number		Percent		Scoring in 3-5 range (%)		Mean score	
	Texas	U.S.	Texas	U.S.	Texas	U.S.	Texas	U.S.
Studio Art: 3-D Design	824	5,421	0.1	0.1	65.8	71.4	2.99	3.14
Chinese Language and Culture	684	11,071	0.1	0.2	90.5	91.4	4.29	4.31
Latin	569	6,629	0.1	0.1	54.3	63.3	2.64	2.94
Government and Politics: Comparative Research	516	21,174	0.1	0.4	44.0	67.8	2.48	3.24
	454	5,287	0.1	0.1	55.9	69.0	2.83	3.15
German Language and Culture	341	4,696	0.1	0.1	61.9	73.6	2.99	3.30
Japanese Language and Culture	115	2,144	<0.1	<0.1	59.1	74.4	3.10	3.52
Italian Language and Culture	51	2,430	<0.1	0.1	96.1	70.0	3.94	3.15

Source. Primary data from College Board (2017a, 2017b).

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 2016-17 school year. The results are for public and nonpublic schools combined and are presented by race/ethnicity and gender.

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 (866) 392-3017 or <http://www.collegeboard.org/>.



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