

## Advanced Placement Examination Results in Texas and the United States, 2021-22

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.

Because of the COVID-19 pandemic, the College Board offered AP examinations in 2021 in both digital and paper formats. All examinations were full length and covered the full scope of AP course content (College Board, 2021f). In 2022, the College Board offered AP examinations in paper format only (College Board, 2022f). For further information, please see *Advanced Placement and International Baccalaureate General Information, 2021-22* (TEA, forthcoming-b).

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, 2021-22* (TEA, forthcoming-b), and *Advanced Placement and International Baccalaureate Glossary of Terms, 2021-22* (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, 2021-22* (TEA, forthcoming-a).

## Advanced Placement Results for Texas and the United States

- In the 2021-22 school year, a total of 321,876 students in all grades in Texas public and nonpublic schools took 577,350 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 2020-21 and 2021-22, the number of AP examinations taken increased by 9.5 percent in Texas, compared to 4.4 percent in the United States as a whole (Table 1). The number of AP examinations with scores in the 3-5 range increased by 19.2 percent in Texas and by 13.3 percent in the United States. The percentage of examinations with scores in the 3-5 range increased by 4.0 percentage points in Texas and by 4.7 percentage points in the United States.
- In 2021-22, 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 (69.2%) than the United States as a whole (49.9%) (Table 2 on page 4). In large part, the difference reflects the higher percentage of Hispanic AP examinees in Texas (45.2%), compared to the United States (23.4%).
- Of the four most populous states in the country in 2021-22, New York had the highest AP examination participation rate (31.1%) among public school students in Grades 11 and 12, followed by California (24.5%), Florida (23.0%), and Texas (22.6%) (Table 4 on page 7). All four states had higher participation rates than the United States as a whole (20.7%).
- For public and nonpublic schools combined in the four most populous states, California had the highest percentage of examinations with scores in the 3-5 range (61.5%), followed by New York (57.4%), Florida (55.6%), and Texas (49.7%). California had a higher percentage of examinations with scores in the 3-5 range than the United States as a whole (59.8%), while New York, Florida, and Texas had lower percentages.
- Among students in all grades in 2021-22, the three AP examinations with the largest numbers of test takers in Texas, in rank order, were English Language and Composition, World History: Modern, and Human Geography (Table 5 on page 8). The three AP examinations with the largest numbers of test takers in the United States, in rank order, 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: Music Theory and Italian Language and Culture.

**Table 1**  
**Advanced Placement (AP) Examination Trends, Texas and the United States, 2011-12**  
**Through 2021-22**

Year	Texas examinees	U.S. examinees	Texas exams	U.S. exams	Texas exams with scores of 3-5	U.S. exams with scores of 3-5	Texas scores in 3-5 range (%)	U.S. scores in 3-5 range (%)
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
2017-18	318,150	2,727,480	594,643	4,923,072	286,847	2,877,811	48.2	58.5
2018-19	325,088	2,743,034	598,008	4,930,147	292,337	2,913,627	48.9	59.1
2019-20	291,838	2,564,090	531,744	4,592,820	288,475	2,932,042	54.3	63.8
2020-21	293,295	2,464,265	527,371	4,402,538	241,933	2,426,473	45.9	55.1
2021-22	321,876	2,576,631	577,350	4,595,317	288,274	2,749,223	49.9	59.8

Source. Primary data from College Board. See, for example, College Board (2022c, 2022e).

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, 2021-22**

Examinee group	Texas examinees (N)	U.S. examinees (N)	Texas examinees (%)	U.S. examinees (%)	Texas change from previous year (percentage-point)	U.S. change from previous year (percentage-point)
9th/10th grade	134,590	814,272	41.8	31.6	0.3	-0.1
11th grade	100,502	919,361	31.2	35.7	-0.6	-1.1
12th grade	81,888	833,653	25.4	32.4	0.3	1.2
11th/12th grade	182,390	1,753,014	56.7	68.0	-0.3	0.0
African American	23,453	189,880	7.3	7.4	0.4	0.6
American Indian	2,068	17,569	0.6	0.7	-0.1	0.0
Asian	41,350	351,434	12.8	13.6	-0.2	0.0
Hispanic	145,635	603,326	45.2	23.4	2.4	1.1
Pacific Islander	326	4,009	0.1	0.2	0.0	0.1
White	90,725	1,210,235	28.2	47.0	-2.3	-1.8
Multiracial	10,158	119,690	3.2	4.6	-0.2	-0.1
Not stated	8,161	80,488	2.5	3.1	-0.1	0.0
Female	175,089	1,426,289	54.4	55.4	-1.0	-0.7
Male	144,443	1,129,748	44.9	43.8	0.6	0.3
Another	2,344	20,594	0.7	0.8	0.4	0.5
Total	321,876	2,576,631	100	100	n/a <sup>a</sup>	n/a

Source. Primary data from College Board (2021c, 2021e, 2022c, 2022e).

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 outside of Grades 9-12, or because of missing data or data errors.

<sup>a</sup>Not applicable.

**Table 3**  
**Advanced Placement (AP) Examination Results, by State and the United States, 2021-22**

State	Examinees (M)	Change in examinees from previous year (%)	Exams (M)	Exams scoring 3-5 (%)
Alabama	27,067	6.4	49,700	47.3
Alaska	3,021	28.8	4,838	59.8
Arizona	36,893	8.5	67,263	61.2
Arkansas	25,211	1.6	42,797	43.3
California	373,936	2.7	704,757	62.4
Colorado	50,338	5.0	85,014	63.1
Connecticut	33,421	-1.3	62,065	67.8
Delaware	7,273	3.0	12,407	56.6
District of Columbia	6,025	6.4	11,192	54.8
Florida	201,284	0.9	363,928	55.8
Georgia	95,677	8.6	175,733	63.1
Hawaii	8,431	-4.9	13,719	62.4
Idaho	8,274	6.7	13,423	63.2
Illinois	125,988	6.8	224,008	61.4
Indiana	49,222	-0.5	83,492	56.0
Iowa	11,929	-0.9	17,594	61.8
Kansas	9,404	5.9	14,943	66.3
Kentucky	28,636	8.6	45,506	54.9
Louisiana	25,951	6.8	38,675	45.5
Maine	6,918	2.2	11,813	62.5
Maryland	60,177	5.9	109,225	64.9
Massachusetts	64,919	4.9	123,321	66.1
Michigan	59,252	2.3	100,143	64.6
Minnesota	39,394	-0.5	62,227	66.8
Mississippi	11,697	17.5	16,710	40.7
Missouri	26,721	3.5	44,183	63.2
Montana	4,106	9.3	6,568	66.3
Nebraska	8,939	0.3	14,460	64.4
Nevada	20,010	9.8	33,000	51.7
New Hampshire	6,928	2.5	11,484	70.2

Source. Primary data from College Board (2022c).

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

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**Table 3 (continued)**  
**Advanced Placement (AP) Examination Results, by State and the United States, 2021-22**

State	Examinees (M)	Change in examinees from previous year (%)	Exams (M)	Exams scoring 3-5 (%)
New Jersey	81,367	4.3	161,955	66.4
New Mexico	9,837	15.7	15,444	42.3
New York	182,434	5.7	329,539	58.8
North Carolina	75,793	-2.6	138,524	59.2
North Dakota	3,208	2.5	4,782	62.7
Ohio	68,806	-0.1	120,023	65.2
Oklahoma	15,206	9.7	24,907	52.7
Oregon	18,261	25.0	28,897	63.4
Pennsylvania	72,260	2.9	129,092	66.5
Rhode Island	7,006	2.9	12,501	57.9
South Carolina	32,046	-2.5	52,564	64.1
South Dakota	3,099	3.6	4,833	71.7
Tennessee	39,938	3.4	67,337	60.5
<b>Texas</b>	<b>321,876</b>	<b>9.7</b>	<b>577,350</b>	<b>49.9</b>
Utah	30,466	6.1	44,546	68.0
Vermont	3,183	7.6	5,452	65.0
Virginia	73,946	4.3	145,984	63.1
Washington	47,130	12.8	79,721	66.4
West Virginia	6,143	-2.9	9,718	49.1
Wisconsin	45,140	1.7	74,351	66.2
Wyoming	2,444	5.8	3,609	55.4
<b>United States</b>	<b>2,576,631</b>	<b>4.6</b>	<b>4,595,317</b>	<b>59.8</b>

Source. Primary data from College Board (2022c).

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

**Table 4**  
**Advanced Placement (AP) Examination Results, Grades 11 and 12, Four Most Populous States and the United States, 2021-22**

State	Enrollment (N)	Students taking at least 1 AP exam (%)	Examinees (N)	Change in examinees from previous year (%)	Exams (N)	Exams scoring 3-5 (%)
California	975,014	24.5	238,786	3.6	578,058	61.5
Florida	415,593	23.0	95,749	0.1	250,096	55.6
New York	378,998	31.1	117,763	5.8	269,961	57.4
Texas	751,931	22.6	170,041	9.8	407,204	49.7
United States	7,362,227	20.7	1,524,846	4.9	3,574,285	59.8

*Source.* Primary data from College Board (2021a, 2021b, 2021c, 2021d, 2021e, 2022a, 2022b, 2022c, 2022d, 2022e) and National Center for Education Statistics (n.d.).

*Note.* Data for enrollment and examinees are based on public schools only. Data for examinations are based on public and nonpublic schools combined.

**Table 5**  
**Advanced Placement (AP) Examinations and Scores, by Subject, Texas and the United States, 2021-22**

Exam	Texas exams (N)	U.S. exams (N)	Texas exams (%)	U.S. exams (%)	Texas scores in 3-5 range (%)	U.S. scores in 3-5 range (%)	Texas mean score	U.S. mean score
English Language and Composition	63,774	510,482	11.0	11.1	44.8	55.6	2.5	2.8
World History: Modern	63,511	310,454	11.0	6.8	49.8	61.8	2.6	3.0
Human Geography	52,682	217,722	9.1	4.7	42.3	52.9	2.4	2.7
United States History	52,633	453,344	9.1	9.9	39.3	48.1	2.3	2.6
English Literature and Composition	42,143	332,798	7.3	7.2	66.9	77.8	3.0	3.3
United States Government and Politics	32,073	296,945	5.6	6.5	39.1	48.6	2.3	2.6
Spanish Language and Culture	28,263	153,701	4.9	3.3	75.6	81.5	3.4	3.5
Physics 1	25,796	136,905	4.5	3.0	29.1	42.3	2.0	2.4
Macroeconomics	24,563	124,072	4.3	2.7	35.9	50.2	2.2	2.7
Biology	24,299	227,936	4.2	5.0	57.5	67.6	2.8	3.1
Calculus AB	23,415	254,499	4.1	5.5	44.6	55.3	2.6	2.9
Environmental Science	21,531	176,820	3.7	3.8	49.4	53.7	2.7	2.8
Statistics	18,911	207,949	3.3	4.5	52.7	60.2	2.7	2.9
Psychology	18,229	280,936	3.2	6.1	52.9	58.1	2.7	2.9
Computer Science Principles	12,945	130,602	2.2	2.8	55.6	63.3	2.7	2.9
Chemistry	10,992	115,426	1.9	2.5	46.1	53.0	2.5	2.7
Calculus BC	9,429	109,869	1.6	2.4	71.6	77.1	3.5	3.7
Computer Science A	7,956	71,011	1.4	1.5	63.0	67.1	3.0	3.2
Spanish Literature and Culture	5,409	22,187	0.9	0.5	54.5	63.2	2.7	2.9
Microeconomics	4,927	72,513	0.9	1.6	28.4	56.9	2.0	2.9
Capstone Seminar	4,747	53,376	0.8	1.2	81.0	82.5	3.2	3.2
European History	3,887	78,697	0.7	1.7	55.7	58.6	2.9	2.9
2-D Art and Design	3,843	35,096	0.7	0.8	81.8	86.3	3.3	3.4
Physics C: Mechanics	3,392	41,377	0.6	0.9	71.9	73.7	3.4	3.4
Art History	2,927	20,379	0.5	0.4	55.8	61.5	2.8	3.0
Physics 2	2,526	15,600	0.4	0.3	62.5	68.8	3.0	3.1
Physics C: Electricity and Magnetism	2,419	17,502	0.4	0.4	64.6	69.0	3.2	3.4
Drawing	2,323	18,275	0.4	0.4	82.5	88.1	3.4	3.5
Capstone Research	2,157	25,359	0.4	0.6	79.9	82.2	3.2	3.3
Music Theory	1,854	15,308	0.3	0.3	62.5	61.7	3.0	3.0

Source. Primary data from College Board (2022c, 2022e).

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 5 (continued)**  
**Advanced Placement (AP) Examinations and Scores, by Subject, Texas and the United States, 2021-22**

Exam	Texas exams (N)	U.S. exams (N)	Texas exams (%)	U.S. exams (%)	Texas scores in 3-5 range (%)	U.S. scores in 3-5 range (%)	Texas mean score	U.S. mean score
French Language and Culture	1,042	17,806	0.2	0.4	61.1	69.6	2.9	3.1
Chinese Language and Culture	741	13,186	0.1	0.3	85.2	85.2	3.9	3.9
3-D Art and Design	642	5,000	0.1	0.1	71.0	72.8	3.1	3.1
Comparative Government and Politics	553	18,770	0.1	0.4	53.3	70.2	2.7	3.1
Latin	336	4,793	0.1	0.1	56.3	56.7	2.7	2.8
German Language and Culture	293	4,087	0.1	0.1	52.9	63.1	2.7	3.0
Japanese Language and Culture	149	2,450	<0.1	0.1	53.7	72.8	2.9	3.5
Italian Language and Culture	38	2,085	<0.1	<0.1	89.5	69.0	3.7	3.2

Source. Primary data from College Board (2022c, 2022e).

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 2021-22 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 <https://tea.texas.gov/reports-and-data/school-performance/accountability-research/advanced-placement-and-international-baccalaureate>. 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](mailto: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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