

**SUMMARY OF AP EXAMINATION SCORES REPORTED TO**

**Connecticut Conference of  
Independent Colleges**

**2019**

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# In 2019, 3,600 high school graduates sent AP exam scores to your campus.\*

## ACROSS THE NATION:

**90%**

**Increase in number of students taking AP exams**

**81%**

**Increase in number of AP STEM examinees between 2009 and 2019**

**>50%**

**Percentage of high schools offering AP and located in rural or urban areas**

**2.8**

**Million students nationwide taking an AP exam in 2019**

These US statistics on AP point to an overwhelming nationwide trend - the program has continued to grow while maintaining its high level of quality. The College Board continues to support that trend by helping underrepresented students realize that they are ready to take on advanced coursework through tools like AP Potential.\*\*

Yet, many college freshmen do not send their AP Exam scores to campuses. You can help by emphasizing the value of sending scores and directing students to [apstudents.collegeboard.org](https://apstudents.collegeboard.org).

College students say that the promise of credit and placement motivates them to take on AP, positioning them for success on campus and in their later careers. Your campus can help by having a strong, evidence based credit and placement policy. This ensures students have the opportunities they've earned to dig deeper into their passions and enrich their college experiences. A well-articulated policy also improves enrollment, enhances student outcomes, reduces duplication and increases economic flexibility for students and families.

\*The students in this report have more than a 90% likelihood of matriculation at your campuses.

\*\*Read the full study "AP at scale: Public school students in Advanced Placement, 1990-2013" at <https://www.aei.org/publication/ap-at-scale-public-school-students-in-advanced-placement-1990-2013/>

# Overview of Exam Taker Scores Reported

## System and Total Cohort Results



		Connecticut Conference of Independent Colleges				Total Cohort <sup>2</sup>			
		# of Exam Takers Reported <sup>1</sup>	% of Total Exam Takers Reported	# of Exam Scores Reported	# of Exam Takers Reported Scoring 3 or Higher <sup>4</sup>	# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>
All	Total	3,600	100.0%	16,537	3,046	1,444,505	100.0%	4,958,290	913,310
	Change from last year	+4.3%		+9.5%	+5.9%	-0.0%		+1.0%	+1.5%
Exam Taker Origin <sup>5</sup>	In-State	848	23.6%	2,851	668	N/A	N/A	N/A	N/A
	Change from last year	+1.7%		+10.4%	+4.7%				
Exam Taker Origin <sup>5</sup>	Out-of-State	2,694	74.8%	13,367	2,324	N/A	N/A	N/A	N/A
	Change from last year	+5.1%		+9.6%	+6.4%				
Exam Taker Origin <sup>5</sup>	Non-US	58	1.6%	319	54	51,168	3.5%	157,812	39,611
	Change from last year	+3.6%		-1.8%	0.0%	-0.5%		+2.4%	+0.6%
Gender	Female	2,226	61.8%	9,619	1,865	814,665	56.4%	2,729,389	506,640
	Change from last year	+2.6%		+5.9%	+3.6%	+0.2%		+1.2%	+2.0%
Gender	Male	1,374	38.2%	6,918	1,181	629,837	43.6%	2,228,893	406,667
	Change from last year	+7.1%		+14.9%	+9.7%	-0.4%		+0.8%	+0.9%
Race/Ethnicity	American Indian	8	0.2%	28	7	5,053	0.3%	11,668	1,844
	Change from last year	+60.0%		+211.1%	+133.3%	-6.0%		-9.4%	-9.1%
Race/Ethnicity	Asian	378	10.5%	2,782	352	172,045	11.9%	832,541	132,308
	Change from last year	+29.0%		+30.9%	+31.3%	+0.4%		+3.2%	+2.2%
Race/Ethnicity	Black	192	5.3%	757	118	116,221	8.0%	308,439	37,859
	Change from last year	-2.5%		-6.0%	+3.5%	-1.6%		-1.0%	+1.8%
Race/Ethnicity	Hispanic or Latino <sup>6</sup>	470	13.1%	2,260	379	358,933	24.8%	1,093,743	208,945
	Change from last year	+8.8%		+13.9%	+8.0%	+4.5%		+4.2%	+6.5%
Race/Ethnicity	Pacific Islander	2	0.1%	7	1	2,749	0.2%	7,449	1,044
	Change from last year	+100.0%		+40.0%	0.0%	-5.1%		-5.3%	-10.5%
Race/Ethnicity	White	2,358	65.5%	9,732	2,019	705,196	48.8%	2,423,760	479,867
	Change from last year	-0.7%		+2.8%	+0.2%	-2.3%		-1.2%	-0.9%
Race/Ethnicity	Two or more races	150	4.2%	773	134	62,872	4.4%	223,244	39,733
	Change from last year	+26.1%		+32.6%	+31.4%	+4.7%		+4.6%	+5.6%
Race/Ethnicity	Other	0	0.0%	0	0	41	0.0%	50	14
	Change from last year					-94.5%		-96.2%	-95.2%
Race/Ethnicity	No Response	42	1.2%	198	36	21,395	1.5%	57,396	11,696
	Change from last year	+35.5%		+58.4%	+50.0%	-0.6%		+6.9%	+3.3%
SES	Low-income <sup>7</sup>	518	14.4%	2,697	404	391,855	27.1%	1,277,567	206,162
	Change from last year	+15.1%		+23.5%	+27.0%	+0.3%		+0.9%	+3.6%

# Overview of Exam Taker Scores Reported - Three-Year Trend

## Connecticut Conference of Independent Colleges



		2019				2018				2017			
		# of Exam Takers Reported <sup>1</sup>	% of Total Exam Takers Reported	# of Exam Scores Reported	# of Exam Takers Reported Scoring 3 or Higher <sup>4</sup>	# of Exam Takers Reported <sup>1</sup>	% of Total Exam Takers Reported	# of Exam Scores Reported	# of Exam Takers Reported Scoring 3 or Higher <sup>4</sup>	# of Exam Takers Reported <sup>1</sup>	% of Total Exam Takers Reported	# of Exam Scores Reported	# of Exam Takers Reported Scoring 3 or Higher <sup>4</sup>
All	Total	3,600	100.0%	16,537	3,046	3,453	100.0%	15,103	2,877	3,464	100.0%	15,558	2,895
	Change from previous year	+4.3%		+9.5%	+5.9%	-0.3%		-2.9%	-0.6%	-0.3%		+2.8%	+0.1%
Exam Taker Origin <sup>5</sup>	In-State	848	23.6%	2,851	668	834	24.2%	2,582	638	887	25.6%	2,960	684
	Change from previous year	+1.7%		+10.4%	+4.7%	-6.0%		-12.8%	-6.7%	+9.6%		+17.0%	+10.0%
	Out-of-State	2,694	74.8%	13,367	2,324	2,563	74.2%	12,196	2,185	2,538	73.3%	12,359	2,172
	Change from previous year	+5.1%		+9.6%	+6.4%	+1.0%		-1.3%	+0.6%	-2.8%		+0.7%	-1.9%
Non-US		58	1.6%	319	54	56	1.6%	325	54	39	1.1%	239	39
	Change from previous year	+3.6%		-1.8%	0.0%	+43.6%		+36.0%	+38.5%	-31.6%		-28.0%	-30.4%
Gender	Female	2,226	61.8%	9,619	1,865	2,170	62.8%	9,082	1,800	2,147	62.0%	9,159	1,799
	Change from previous year	+2.6%		+5.9%	+3.6%	+1.1%		-0.8%	+0.1%	-1.5%		+1.9%	-1.3%
	Male	1,374	38.2%	6,918	1,181	1,283	37.2%	6,021	1,077	1,317	38.0%	6,399	1,096
	Change from previous year	+7.1%		+14.9%	+9.7%	-2.6%		-5.9%	-1.7%	+1.5%		+4.2%	+2.5%
Race/Ethnicity	American Indian	8	0.2%	28	7	5	0.1%	9	3	5	0.1%	19	3
	Change from previous year	+60.0%		+211.1%	+133.3%	0.0%		-52.6%	0.0%	-16.7%		-38.7%	-25.0%
	Asian	378	10.5%	2,782	352	293	8.5%	2,126	268	332	9.6%	2,481	304
	Change from previous year	+29.0%		+30.9%	+31.3%	-11.7%		-14.3%	-11.8%	+7.1%		+10.4%	+8.6%
	Black	192	5.3%	757	118	197	5.7%	805	114	199	5.7%	733	124
	Change from previous year	-2.5%		-6.0%	+3.5%	-1.0%		+9.8%	-8.1%	+7.6%		+12.4%	+14.8%
	Hispanic or Latino <sup>6</sup>	470	13.1%	2,260	379	432	12.5%	1,985	351	440	12.7%	2,030	349
	Change from previous year	+8.8%		+13.9%	+8.0%	-1.8%		-2.2%	+0.6%	-1.8%		+2.2%	+0.6%
	Pacific Islander	2	0.1%	7	1	1	0.0%	5	1	5	0.1%	18	4
	Change from previous year	+100.0%		+40.0%	0.0%	-80.0%		-72.2%	-75.0%	+400.0%		+1700.0%	
	White	2,358	65.5%	9,732	2,019	2,375	68.8%	9,465	2,014	2,306	66.6%	9,392	1,964
	Change from previous year	-0.7%		+2.8%	+0.2%	+3.0%		+0.8%	+2.5%	-3.5%		-1.9%	-3.7%
	Two or more races	150	4.2%	773	134	119	3.4%	583	102	146	4.2%	763	124
	Change from previous year	+26.1%		+32.6%	+31.4%	-18.5%		-23.6%	-17.7%	+24.8%		+31.8%	+30.5%
	Other	0	0.0%	0	0	0	0.0%	0	0	0	0.0%	0	0
Change from previous year									-100.0%		-100.0%	-100.0%	
No Response	42	1.2%	198	36	31	0.9%	125	24	31	0.9%	122	23	
Change from previous year	+35.5%		+58.4%	+50.0%	0.0%		+2.5%	+4.3%	+342.9%		+1120.0%	+360.0%	
SES	Low-income <sup>7</sup>	518	14.4%	2,697	404	450	13.0%	2,183	318	469	13.5%	2,311	344
	Change from previous year	+15.1%		+23.5%	+27.0%	-4.1%		-5.5%	-7.6%	+6.6%		+10.2%	+14.3%

# Three-Year Trend: Exam Takers Reporting Scores of 3 or Higher

## Connecticut Conference of Independent Colleges



		2019 # of Exam Scores Reported			2018 # of Exam Scores Reported			2017 # of Exam Scores Reported		
		Scores of 3	Scores of 4	Scores of 5	Scores of 3	Scores of 4	Scores of 5	Scores of 3	Scores of 4	Scores of 5
All	Total	3,594	4,127	5,496	3,366	3,903	4,629	3,393	3,772	5,181
	% of exam scores reported	21.7%	25.0%	33.2%	22.3%	25.8%	30.6%	21.8%	24.2%	33.3%
Exam Taker Origin <sup>5</sup>	In-State	792	615	534	726	635	417	753	706	515
	% of exam scores reported	27.8%	21.6%	18.7%	28.1%	24.6%	16.2%	25.4%	23.9%	17.4%
	Out-of-State	2,759	3,425	4,791	2,603	3,182	4,033	2,600	3,009	4,544
	% of exam scores reported	20.6%	25.6%	35.8%	21.3%	26.1%	33.1%	21.0%	24.3%	36.8%
Non-US		43	87	171	37	86	179	40	57	122
	% of exam scores reported	13.5%	27.3%	53.6%	11.4%	26.5%	55.1%	16.7%	23.8%	51.0%
Gender	Female	2,315	2,417	2,716	2,195	2,345	2,375	2,185	2,288	2,643
	% of exam scores reported	24.1%	25.1%	28.2%	24.2%	25.8%	26.2%	23.9%	25.0%	28.9%
	Male	1,279	1,710	2,780	1,171	1,558	2,254	1,208	1,484	2,538
	% of exam scores reported	18.5%	24.7%	40.2%	19.4%	25.9%	37.4%	18.9%	23.2%	39.7%
Race/Ethnicity	American Indian	9	7	9	2	3	1	5	2	0
	% of exam scores reported	32.1%	25.0%	32.1%	22.2%	33.3%	11.1%	26.3%	10.5%	0.0%
	Asian	360	631	1,582	265	526	1,170	252	504	1,514
	% of exam scores reported	12.9%	22.7%	56.9%	12.5%	24.7%	55.0%	10.2%	20.3%	61.0%
	Black	161	170	165	167	165	186	146	160	127
	% of exam scores reported	21.3%	22.5%	21.8%	20.7%	20.5%	23.1%	19.9%	21.8%	17.3%
	Hispanic or Latino <sup>6</sup>	475	550	657	384	481	647	462	496	549
	% of exam scores reported	21.0%	24.3%	29.1%	19.3%	24.2%	32.6%	22.8%	24.4%	27.0%
	Pacific Islander	2	3	1	4	1	0	3	3	9
	% of exam scores reported	28.6%	42.9%	14.3%	80.0%	20.0%	0.0%	16.7%	16.7%	50.0%
	White	2,428	2,527	2,649	2,421	2,526	2,362	2,407	2,399	2,573
	% of exam scores reported	24.9%	26.0%	27.2%	25.6%	26.7%	25.0%	25.6%	25.5%	27.4%
	Two or more races	125	196	343	100	158	233	104	184	349
	% of exam scores reported	16.2%	25.4%	44.4%	17.2%	27.1%	40.0%	13.6%	24.1%	45.7%
Other	0	0	0	0	0	0	0	0	0	
% of exam scores reported										
No Response	34	43	90	23	43	30	14	24	60	
% of exam scores reported	17.2%	21.7%	45.5%	18.4%	34.4%	24.0%	11.5%	19.7%	49.2%	
SES	Low-income <sup>7</sup>	571	615	742	434	501	605	486	537	574
	% of exam scores reported	21.2%	22.8%	27.5%	19.9%	23.0%	27.7%	21.0%	23.2%	24.8%

# Three-Year Trend

## Total Cohort

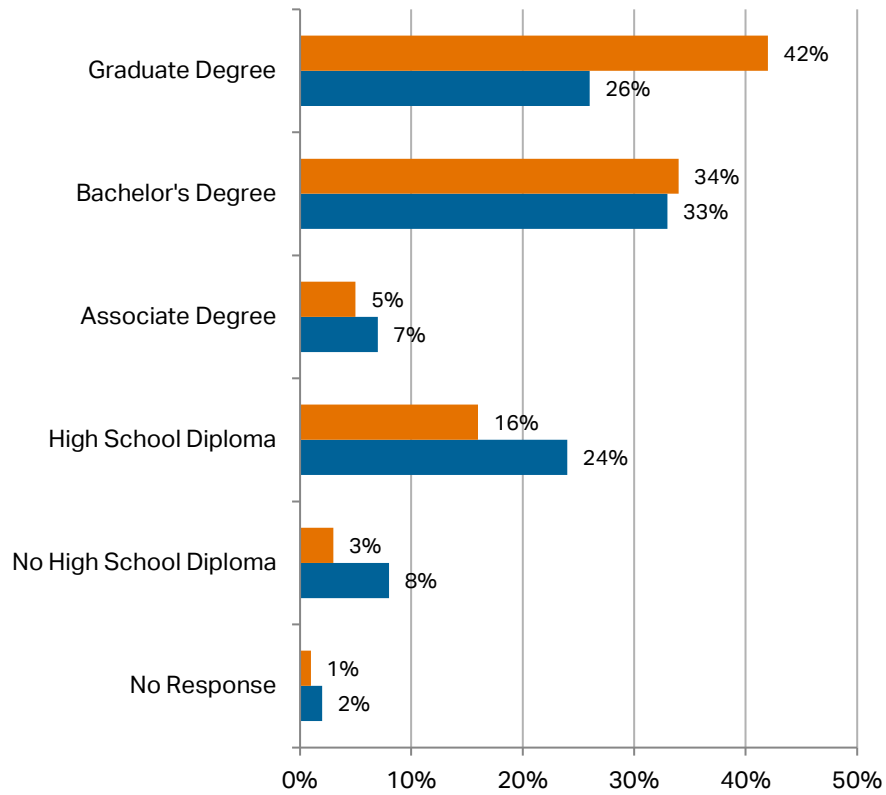


		2019				2018				2017			
		# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>	# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>	# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>
All	Total	1,444,505	100.0%	4,958,290	913,310	1,444,999	100.0%	4,909,879	899,439	1,367,724	100.0%	4,633,447	855,511
	Change from previous year	-0.0%		+1.0%	+1.5%	+5.6%		+6.0%	+5.1%	+3.3%		+4.8%	+3.1%
Exam Taker Origin <sup>5</sup>	In-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Change from previous year												
Exam Taker Origin <sup>5</sup>	Out-of-State	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Change from previous year												
Exam Taker Origin <sup>5</sup>	Non-US	51,168	3.5%	157,812	39,611	51,441	3.6%	154,061	39,374	46,225	3.4%	138,488	35,947
	Change from previous year	-0.5%		+2.4%	+0.6%	+11.3%		+11.2%	+9.5%	-0.8%		+1.8%	-0.7%
Gender	Female	814,665	56.4%	2,729,389	506,640	812,872	56.3%	2,698,035	496,479	769,057	56.2%	2,542,027	471,241
	Change from previous year	+0.2%		+1.2%	+2.0%	+5.7%		+6.1%	+5.4%	+3.8%		+5.4%	+3.4%
Gender	Male	629,837	43.6%	2,228,893	406,667	632,127	43.7%	2,211,844	402,960	598,667	43.8%	2,091,420	384,270
	Change from previous year	-0.4%		+0.8%	+0.9%	+5.6%		+5.8%	+4.9%	+2.7%		+4.0%	+2.7%
Race/Ethnicity	American Indian	5,053	0.3%	11,668	1,844	5,374	0.4%	12,879	2,029	5,028	0.4%	12,246	1,847
	Change from previous year	-6.0%		-9.4%	-9.1%	+6.9%		+5.2%	+9.9%	-13.3%		-11.8%	-19.1%
Race/Ethnicity	Asian	172,045	11.9%	832,541	132,308	171,378	11.9%	806,877	129,429	155,375	11.4%	723,630	116,962
	Change from previous year	+0.4%		+3.2%	+2.2%	+10.3%		+11.5%	+10.7%	+0.1%		+3.1%	+0.6%
Race/Ethnicity	Black	116,221	8.0%	308,439	37,859	118,125	8.2%	311,423	37,177	111,694	8.2%	294,382	34,794
	Change from previous year	-1.6%		-1.0%	+1.8%	+5.8%		+5.8%	+6.8%	+1.1%		+1.7%	+0.8%
Race/Ethnicity	Hispanic or Latino <sup>6</sup>	358,933	24.8%	1,093,743	208,945	343,345	23.8%	1,050,142	196,162	311,908	22.8%	969,098	181,077
	Change from previous year	+4.5%		+4.2%	+6.5%	+10.1%		+8.4%	+8.3%	+11.9%		+11.2%	+11.4%
Race/Ethnicity	Pacific Islander	2,749	0.2%	7,449	1,044	2,896	0.2%	7,864	1,167	2,371	0.2%	6,845	1,038
	Change from previous year	-5.1%		-5.3%	-10.5%	+22.1%		+14.9%	+12.4%	+34.8%		+17.1%	+15.6%
Race/Ethnicity	White	705,196	48.8%	2,423,760	479,867	721,541	49.9%	2,452,234	484,222	704,572	51.5%	2,382,019	474,550
	Change from previous year	-2.3%		-1.2%	-0.9%	+2.4%		+2.9%	+2.0%	+0.6%		+2.2%	+0.2%
Race/Ethnicity	Two or more races	62,872	4.4%	223,244	39,733	60,076	4.2%	213,426	37,643	52,791	3.9%	191,517	33,923
	Change from previous year	+4.7%		+4.6%	+5.6%	+13.8%		+11.4%	+11.0%	+45.5%		+30.0%	+33.7%
Race/Ethnicity	Other	41	0.0%	50	14	746	0.1%	1,320	292	2,483	0.2%	4,050	811
	Change from previous year	-94.5%		-96.2%	-95.2%	-70.0%		-67.4%	-64.0%	-83.2%		-87.9%	-88.0%
SES	No Response	21,395	1.5%	57,396	11,696	21,518	1.5%	53,714	11,318	21,502	1.6%	49,660	10,509
	Change from previous year	-0.6%		+6.9%	+3.3%	+0.1%		+8.2%	+7.7%	+3.9%		+71.9%	+36.4%
SES	Low-income <sup>7</sup>	391,855	27.1%	1,277,567	206,162	390,523	27.0%	1,265,988	199,080	365,817	26.7%	1,193,152	187,134
	Change from previous year	+0.3%		+0.9%	+3.6%	+6.8%		+6.1%	+6.4%	+3.6%		+5.4%	+4.7%

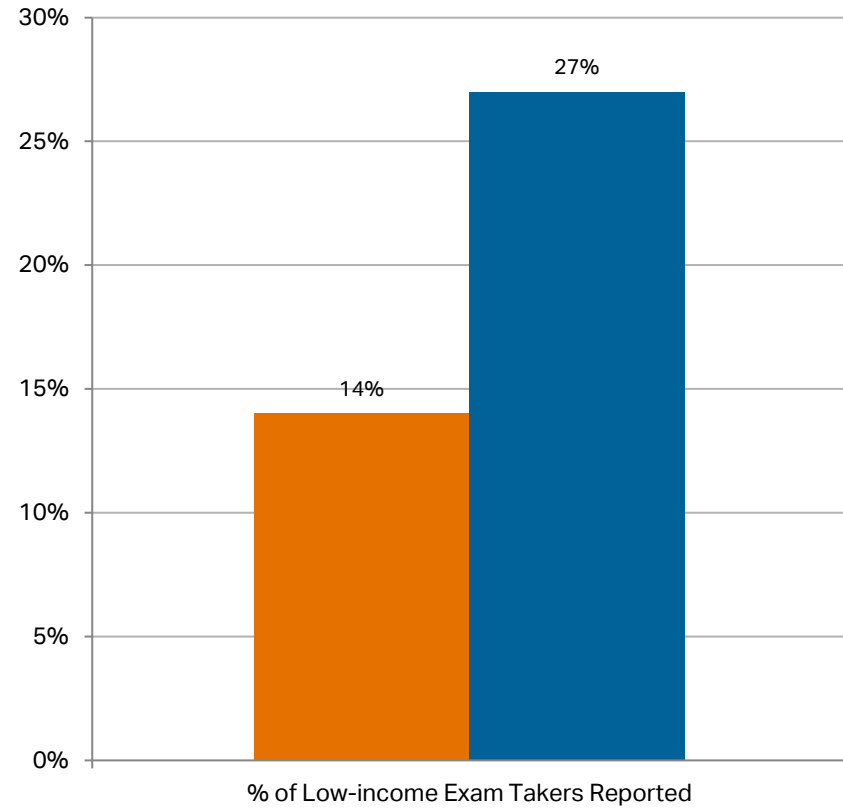
# Overview of Exam Taker Scores Reported

## Parent Education Level and Low-Income Trends

Percent of Exam Takers Reported by Parent Education Level<sup>8</sup>



Percent of Low-income<sup>7</sup> Exam Takers Reported

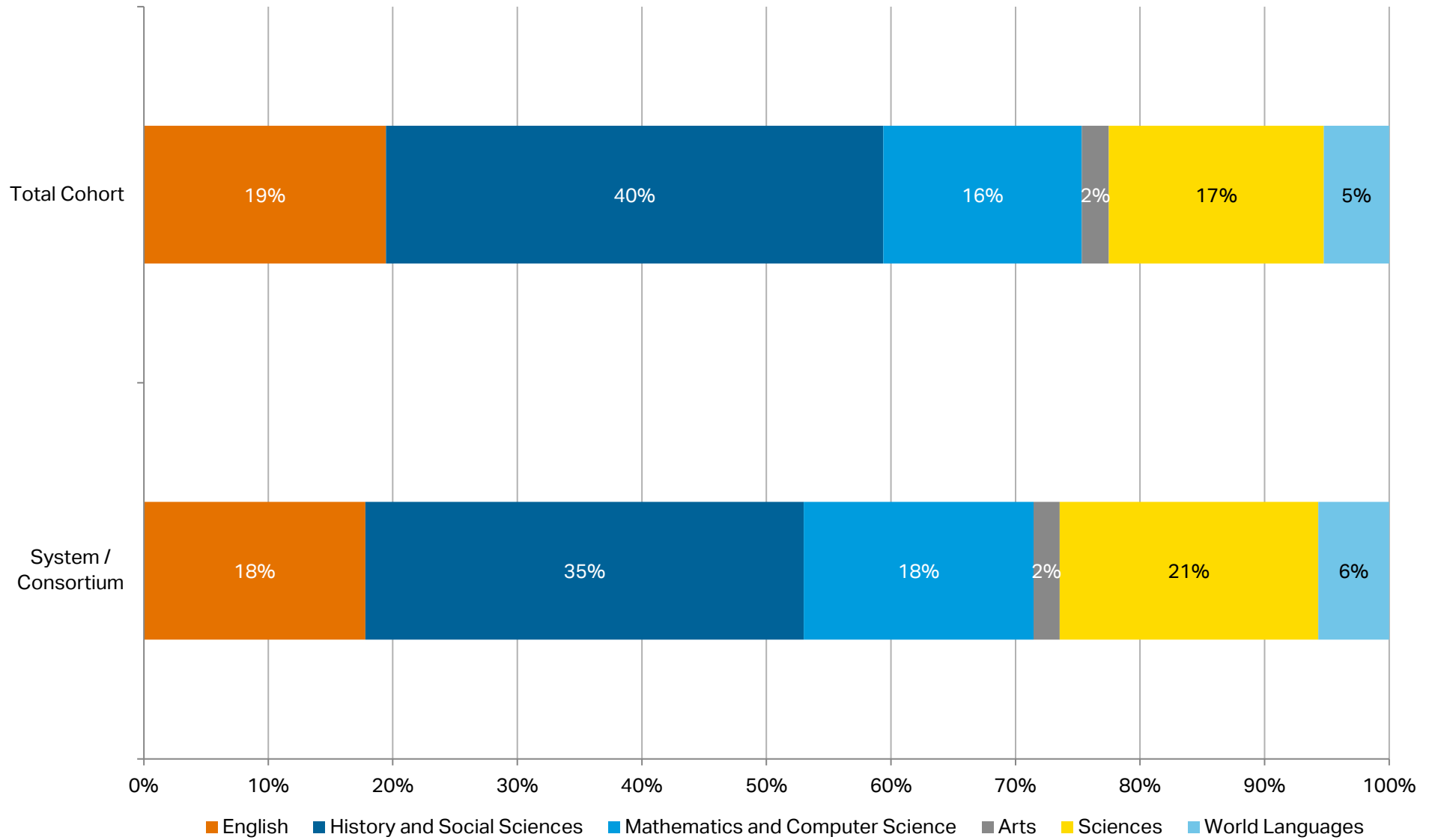


■ Connecticut Conference of Independent Colleges  
■ Total Cohort<sup>2</sup>



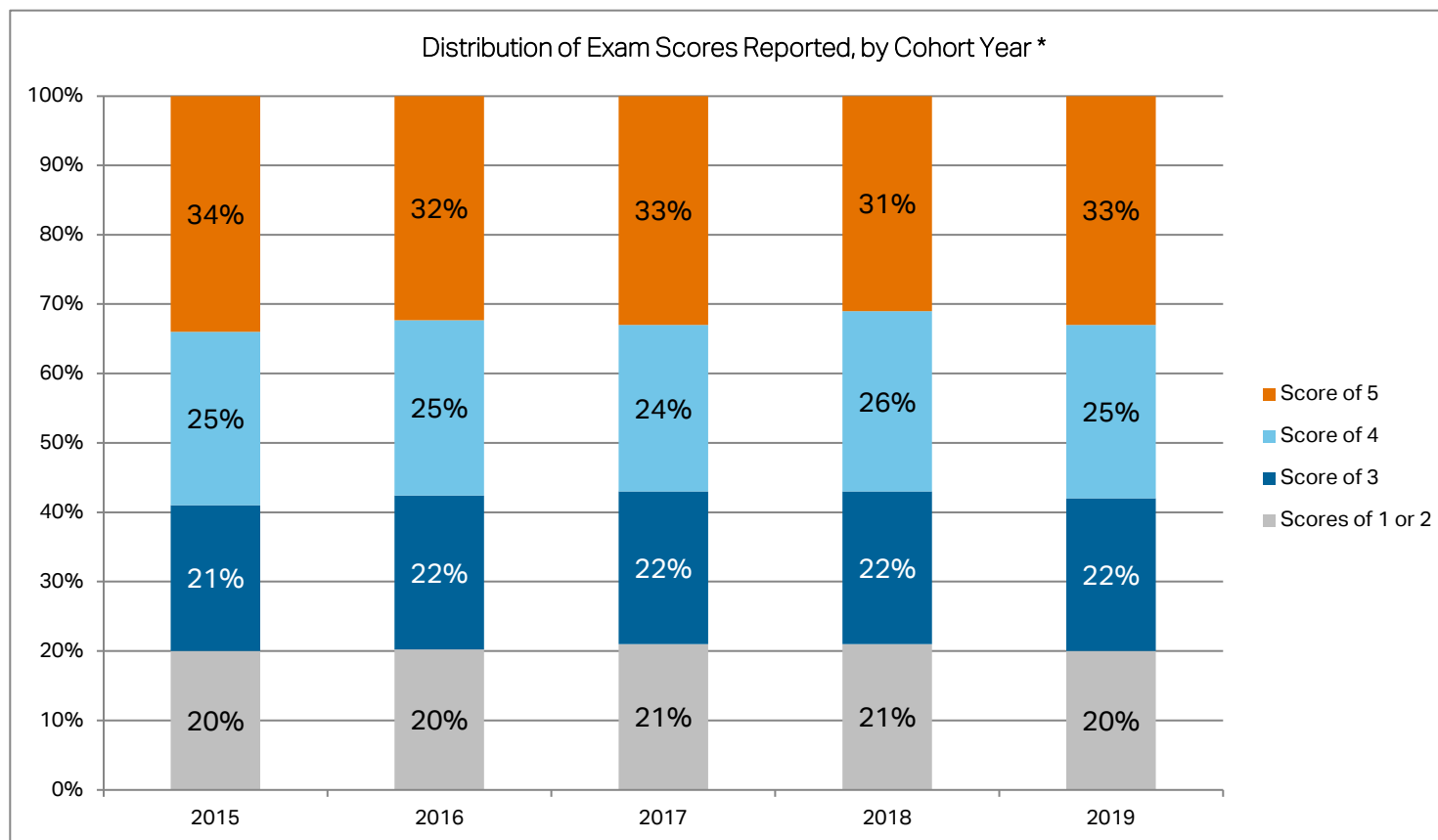
# Exams by Discipline<sup>9</sup>

## Subject Area of Exam Scores Sent



# Distribution of Exam Scores Reported, by Cohort Year

## Five-Year Trend



*\*The College Board and the American Council on Education (ACE) recommend granting credit/placement for AP Exam scores of 3, 4, and 5. Students earning a 3 or higher on an AP Exam tend to earn higher GPAs and to graduate within 4-5 years at a higher rate than non-AP students. In this graph, scores of 1 and 2 are shown for general reference as a combined group. For more information, please see Note 3 in the Data Notes section of this report.*

# Exam Participation and Performance

## Exam Scores, Gender and Exam Taker Origin

Discipline	Exam Name	# of Exam Takers Reported <sup>1</sup>	# of Exam Scores Reported			Exam Taker Gender		Exam Taker Origin <sup>5</sup>			
			3	4	5	Male	Female	In-State Exam Takers	Out-of-State Exam Takers	Non-US Exam Takers	In-State Public School Exam Takers
Arts	Art History	77	16	18	31	32	45	6	70	1	4
	% of exam takers reported		21%	23%	40%	42%	58%	8%	91%	1%	5%
	Music Theory	103	24	25	39	59	44	12	89	2	12
	% of exam takers reported		23%	24%	38%	57%	43%	12%	86%	2%	12%
	Studio Art: 2-D Design Portfolio	95	30	31	27	25	70	18	75	2	14
	% of exam takers reported		32%	33%	28%	26%	74%	19%	79%	2%	15%
	Studio Art: 3-D Design Portfolio	8	2	3	2	2	6	1	6	1	0
	% of exam takers reported		25%	38%	25%	25%	75%	13%	75%	13%	0%
Studio Art: Drawing Portfolio	61	26	14	17	11	50	14	47	0	12	
% of exam takers reported		43%	23%	28%	18%	82%	23%	77%	0%	20%	
Capstone	Capstone: Research	55	15	18	15	24	31	3	50	2	3
	% of exam takers reported		27%	33%	27%	44%	56%	5%	91%	4%	5%
	Capstone: Seminar	83	37	30	13	33	50	7	74	2	7
	% of exam takers reported		45%	36%	16%	40%	60%	8%	89%	2%	8%
English	English Language and Composition	1,649	427	413	524	573	1,076	336	1,293	20	283
	% of exam takers reported		26%	25%	32%	35%	65%	20%	78%	1%	17%
	English Literature and Composition	1,269	362	296	251	429	840	231	1,027	11	185
% of exam takers reported		29%	23%	20%	34%	66%	18%	81%	1%	15%	
History and Social Sciences	Comparative Government and Politics	96	12	22	43	44	52	14	75	7	11
	% of exam takers reported		13%	23%	45%	46%	54%	15%	78%	7%	11%
	European History	346	74	108	123	152	194	40	301	5	29
	% of exam takers reported		21%	31%	36%	44%	56%	12%	87%	1%	8%
	Human Geography	291	43	82	119	123	168	48	235	8	46
	% of exam takers reported		15%	28%	41%	42%	58%	16%	81%	3%	16%
	Macroeconomics	461	53	124	191	244	217	46	393	22	35
	% of exam takers reported		11%	27%	41%	53%	47%	10%	85%	5%	8%
Microeconomics	333	45	87	152	189	144	39	270	24	28	
% of exam takers reported		14%	26%	46%	57%	43%	12%	81%	7%	8%	

# Exam Participation and Performance

## Exam Scores, Gender and Exam Taker Origin (continued)

Discipline	Exam Name	# of Exam Takers Reported <sup>1</sup>	# of Exam Scores Reported			Exam Taker Gender		Exam Taker Origin <sup>5</sup>			
			3	4	5	Male	Female	In-State Exam Takers	Out-of-State Exam Takers	Non-US Exam Takers	In-State Public School Exam Takers
History and Social Sciences	Psychology	1,188	195	367	380	324	864	400	772	16	371
	% of exam takers reported		16%	31%	32%	27%	73%	34%	65%	1%	31%
	United States Government and Politics	908	242	146	271	411	497	227	678	3	200
	% of exam takers reported		27%	16%	30%	45%	55%	25%	75%	0%	22%
	United States History	1,558	308	385	518	661	897	268	1,282	8	216
	% of exam takers reported		20%	25%	33%	42%	58%	17%	82%	1%	14%
	World History	592	134	176	195	245	347	34	553	5	28
	% of exam takers reported		23%	30%	33%	41%	59%	6%	93%	1%	5%
Mathematics and Computer Science	Calculus AB	1,056	212	212	343	427	629	158	889	9	136
	% of exam takers reported		20%	20%	32%	40%	60%	15%	84%	1%	13%
	Calculus BC	709	71	100	475	367	342	58	618	33	37
	% of exam takers reported		10%	14%	67%	52%	48%	8%	87%	5%	5%
	Computer Science A	236	35	55	116	172	64	35	192	9	31
	% of exam takers reported		15%	23%	49%	73%	27%	15%	81%	4%	13%
	Computer Science Principles <sup>10</sup>	195	52	46	58	118	77	58	136	1	55
	% of exam takers reported		27%	24%	30%	61%	39%	30%	70%	1%	28%
Statistics	829	203	196	218	342	487	177	628	24	158	
% of exam takers reported		24%	24%	26%	41%	59%	21%	76%	3%	19%	
Sciences	Biology	1,058	348	327	221	344	714	152	892	14	128
	% of exam takers reported		33%	31%	21%	33%	67%	14%	84%	1%	12%
	Chemistry	674	162	142	232	308	366	83	576	15	69
	% of exam takers reported		24%	21%	34%	46%	54%	12%	85%	2%	10%
	Environmental Science	473	71	169	104	188	285	83	384	6	73
	% of exam takers reported		15%	36%	22%	40%	60%	18%	81%	1%	15%
	Physics 1	594	112	139	99	308	286	106	472	16	91
	% of exam takers reported		19%	23%	17%	52%	48%	18%	79%	3%	15%
Physics 2	107	28	24	38	71	36	11	84	12	10	
% of exam takers reported		26%	22%	36%	66%	34%	10%	79%	11%	9%	

# Exam Participation and Performance

## Exam Scores, Gender and Exam Taker Origin (continued)



Discipline	Exam Name	# of Exam Takers Reported <sup>1</sup>	# of Exam Scores Reported			Exam Taker Gender		Exam Taker Origin <sup>5</sup>			
			3	4	5	Male	Female	In-State Exam Takers	Out-of-State Exam Takers	Non-US Exam Takers	In-State Public School Exam Takers
Sciences	Physics C: Electricity and Magnetism	173	7	36	110	121	52	19	145	9	12
	% of exam takers reported		4%	21%	64%	70%	30%	11%	84%	5%	7%
	Physics C: Mechanics	326	30	79	190	217	109	28	284	14	17
	% of exam takers reported		9%	24%	58%	67%	33%	9%	87%	4%	5%
World Languages	Chinese Language and Culture	57	14	10	29	27	30	5	45	7	4
	% of exam takers reported		25%	18%	51%	47%	53%	9%	79%	12%	7%
	French Language and Culture	157	48	49	46	43	114	17	137	3	12
	% of exam takers reported		31%	31%	29%	27%	73%	11%	87%	2%	8%
	German Language and Culture	19	4	4	9	8	11	2	16	1	2
	% of exam takers reported		21%	21%	47%	42%	58%	11%	84%	5%	11%
	Italian Language and Culture	32	13	5	4	12	20	6	26	0	5
	% of exam takers reported		41%	16%	13%	38%	63%	19%	81%	0%	16%
	Japanese Language and Culture	2	1	0	1	1	1	0	2	0	0
	% of exam takers reported		50%	0%	50%	50%	50%	0%	100%	0%	0%
	Latin	63	12	16	27	34	29	4	58	1	0
	% of exam takers reported		19%	25%	43%	54%	46%	6%	92%	2%	0%
	Spanish Language and Culture	553	119	158	241	208	345	99	451	3	87
	% of exam takers reported		22%	29%	44%	38%	62%	18%	82%	1%	16%
Spanish Literature and Culture	51	7	15	24	21	30	6	42	3	5	
% of exam takers reported		14%	29%	47%	41%	59%	12%	82%	6%	10%	
Totals	System / Consortium - Exam Takers	3,600	3,594	4,127	5,496	1,374	2,226	848	2,694	58	724
	% of exams/exam takers reported*		22%	25%	33%	38%	62%	24%	75%	2%	20%
	Total Cohort <sup>2</sup> - Exam Takers	1,444,505	1,247,416	992,495	705,122	629,837	814,665	N/A	N/A	51,168	N/A
	% of exams/exam takers reported*		25%	20%	14%	44%	56%			4%	

\* In the "Totals" section for the "# of Exam Scores Reported" columns, the percentages represent the number of exams with scores of 3, 4, and 5 compared to the total number of exams reported for scores of 1–5. (For the total number of exams reported, see the "Overview of Exam Taker Scores Reported" section of the report.) For all other columns, percentages in the "Totals" section represent the number of exam takers for each characteristic compared to the total number of exam takers reported.

# Exam Participation and Performance

## Ethnicity and Low-Income Demographics

Discipline	Exam Name	# of Exam Takers Reported <sup>1</sup>	Ethnicity/Race									Low-income <sup>7</sup>
			American Indian	Asian	Black	Hispanic or Latino <sup>6</sup>	Pacific Islander	White	Two or More Races	Other	No Response	
Arts	Art History	77	0	17	4	7	0	45	4	0	0	17
	% of exam takers reported		0%	22%	5%	9%	0%	58%	5%	0%	0%	22%
	Music Theory	103	0	20	1	6	0	71	4	0	1	14
	% of exam takers reported		0%	19%	1%	6%	0%	69%	4%	0%	1%	14%
	Studio Art: 2-D Design Portfolio	95	0	4	7	17	0	60	4	0	3	18
	% of exam takers reported		0%	4%	7%	18%	0%	63%	4%	0%	3%	19%
	Studio Art: 3-D Design Portfolio	8	0	2	1	0	0	5	0	0	0	2
	% of exam takers reported		0%	25%	13%	0%	0%	63%	0%	0%	0%	25%
Studio Art: Drawing Portfolio	61	0	9	4	7	0	38	3	0	0	8	
% of exam takers reported		0%	15%	7%	11%	0%	62%	5%	0%	0%	13%	
Capstone	Capstone: Research	55	0	7	7	10	0	27	3	0	1	17
	% of exam takers reported		0%	13%	13%	18%	0%	49%	5%	0%	2%	31%
	Capstone: Seminar	83	0	11	8	16	0	42	5	0	1	21
% of exam takers reported		0%	13%	10%	19%	0%	51%	6%	0%	1%	25%	
English	English Language and Composition	1,649	1	224	86	226	0	1,011	82	0	19	275
	% of exam takers reported		0%	14%	5%	14%	0%	61%	5%	0%	1%	17%
	English Literature and Composition	1,269	1	150	74	179	0	782	65	0	18	230
% of exam takers reported		0%	12%	6%	14%	0%	62%	5%	0%	1%	18%	
History and Social Sciences	Comparative Government and Politics	96	1	19	8	12	0	50	5	0	1	19
	% of exam takers reported		1%	20%	8%	13%	0%	52%	5%	0%	1%	20%
	European History	346	0	56	13	43	0	213	18	0	3	47
	% of exam takers reported		0%	16%	4%	12%	0%	62%	5%	0%	1%	14%
	Human Geography	291	0	53	17	46	0	157	17	0	1	62
	% of exam takers reported		0%	18%	6%	16%	0%	54%	6%	0%	0%	21%
	Macroeconomics	461	1	112	17	57	0	248	19	0	7	65
	% of exam takers reported		0%	24%	4%	12%	0%	54%	4%	0%	2%	14%
Microeconomics	333	1	91	16	35	0	173	11	0	6	46	
% of exam takers reported		0%	27%	5%	11%	0%	52%	3%	0%	2%	14%	

# Exam Participation and Performance

## Ethnicity and Low-Income Demographics (continued)

Discipline	Exam Name	# of Exam Takers Reported <sup>1</sup>	Ethnicity/Race								Low-income <sup>7</sup>	
			American Indian	Asian	Black	Hispanic or Latino <sup>6</sup>	Pacific Islander	White	Two or More Races	Other		No Response
History and Social Sciences	Psychology	1,188	4	131	57	133	1	821	33	0	8	164
	% of exam takers reported		0%	11%	5%	11%	0%	69%	3%	0%	1%	14%
	United States Government and Politics	908	0	115	44	139	0	549	47	0	14	173
	% of exam takers reported		0%	13%	5%	15%	0%	60%	5%	0%	2%	19%
	United States History	1,558	2	204	80	203	1	969	79	0	20	253
	% of exam takers reported		0%	13%	5%	13%	0%	62%	5%	0%	1%	16%
World History		592	2	85	31	101	1	336	32	0	4	122
	% of exam takers reported		0%	14%	5%	17%	0%	57%	5%	0%	1%	21%
Mathematics and Computer Science	Calculus AB	1,056	2	132	48	131	0	683	51	0	9	176
	% of exam takers reported		0%	13%	5%	12%	0%	65%	5%	0%	1%	17%
	Calculus BC	709	0	216	22	93	1	320	45	0	12	101
	% of exam takers reported		0%	30%	3%	13%	0%	45%	6%	0%	2%	14%
	Computer Science A	236	0	89	8	23	0	105	6	0	5	30
	% of exam takers reported		0%	38%	3%	10%	0%	44%	3%	0%	2%	13%
	Computer Science Principles <sup>10</sup>	195	1	36	13	36	0	102	3	0	4	57
	% of exam takers reported		1%	18%	7%	18%	0%	52%	2%	0%	2%	29%
Statistics		829	5	151	29	83	0	512	41	0	8	115
	% of exam takers reported		1%	18%	3%	10%	0%	62%	5%	0%	1%	14%
Sciences	Biology	1,058	2	173	46	141	1	636	48	0	11	146
	% of exam takers reported		0%	16%	4%	13%	0%	60%	5%	0%	1%	14%
	Chemistry	674	1	166	22	83	0	363	29	0	10	117
	% of exam takers reported		0%	25%	3%	12%	0%	54%	4%	0%	1%	17%
	Environmental Science	473	1	54	21	52	0	324	17	0	4	76
	% of exam takers reported		0%	11%	4%	11%	0%	68%	4%	0%	1%	16%
	Physics 1	594	1	120	14	83	1	343	25	0	7	103
	% of exam takers reported		0%	20%	2%	14%	0%	58%	4%	0%	1%	17%
Physics 2		107	1	34	0	12	0	54	5	0	1	17
	% of exam takers reported		1%	32%	0%	11%	0%	50%	5%	0%	1%	16%

# Exam Participation and Performance

## Ethnicity and Low-Income Demographics (continued)

Discipline	Exam Name	# of Exam Takers Reported <sup>1</sup>	Ethnicity/Race									Low-income <sup>7</sup>
			American Indian	Asian	Black	Hispanic or Latino <sup>6</sup>	Pacific Islander	White	Two or More Races	Other	No Response	
Sciences	Physics C: Electricity and Magnetism	173	0	63	7	15	0	73	12	0	3	13
	% of exam takers reported		0%	36%	4%	9%	0%	42%	7%	0%	2%	8%
	Physics C: Mechanics	326	0	98	13	37	0	151	21	0	6	30
	% of exam takers reported		0%	30%	4%	11%	0%	46%	6%	0%	2%	9%
World Languages	Chinese Language and Culture	57	0	33	1	1	0	13	6	0	3	5
	% of exam takers reported		0%	58%	2%	2%	0%	23%	11%	0%	5%	9%
	French Language and Culture	157	0	21	12	24	0	93	5	0	2	14
	% of exam takers reported		0%	13%	8%	15%	0%	59%	3%	0%	1%	9%
	German Language and Culture	19	0	1	1	0	0	15	2	0	0	5
	% of exam takers reported		0%	5%	5%	0%	0%	79%	11%	0%	0%	26%
	Italian Language and Culture	32	0	1	0	3	0	28	0	0	0	1
	% of exam takers reported		0%	3%	0%	9%	0%	88%	0%	0%	0%	3%
	Japanese Language and Culture	2	0	1	0	0	0	1	0	0	0	1
	% of exam takers reported		0%	50%	0%	0%	0%	50%	0%	0%	0%	50%
	Latin	63	0	11	0	7	0	39	6	0	0	4
	% of exam takers reported		0%	17%	0%	11%	0%	62%	10%	0%	0%	6%
	Spanish Language and Culture	553	1	67	25	170	1	263	20	0	6	114
	% of exam takers reported		0%	12%	5%	31%	0%	48%	4%	0%	1%	21%
Spanish Literature and Culture	51	0	5	0	29	0	17	0	0	0	19	
% of exam takers reported		0%	10%	0%	57%	0%	33%	0%	0%	0%	37%	
Totals	System / Consortium - Exam Takers	3,600	8	378	192	470	2	2,358	150	0	42	518
	% of exams/exam takers reported*		0%	11%	5%	13%	0%	66%	4%		1%	14%
	Total Cohort <sup>2</sup> - Exam Takers	1,444,505	5,053	172,045	116,221	358,933	2,749	705,196	62,872	41	21,395	391,855
	% of exams/exam takers reported*		0%	12%	8%	25%	0%	49%	4%	0%	1%	27%

\* In the "Totals" section for the "# of Exam Scores Reported" columns, the percentages represent the number of exams with scores of 3, 4, and 5 compared to the total number of exams reported for scores of 1–5. (For the total number of exams reported, see the "Overview of Exam Taker Scores Reported" section of the report.) For all other columns, percentages in the "Totals" section represent the number of exam takers for each characteristic compared to the total number of exam takers reported.



# Institutions Included in this Report for Current Year Calculations<sup>11</sup>

Institution	Institution Code (DI Code)	City	State	# of Students	# of Exam Takers Scoring 3 or Higher <sup>4</sup>
Yale University	3987	NEW HAVEN	CT	784	751
Quinnipiac University	3712	HAMDEN	CT	511	428
University of New Haven	3663	WEST HAVEN	CT	484	364
Fairfield University	3390	FAIRFIELD	CT	418	357
Sacred Heart University	3780	FAIRFIELD	CT	358	258
University of Hartford	3436	WEST HARTFORD	CT	293	225
Wesleyan University	3959	MIDDLETOWN	CT	283	279
Trinity College	3899	HARTFORD	CT	172	150
Connecticut College	3284	NEW LONDON	CT	149	139
University of Bridgeport	3914	BRIDGEPORT	CT	64	41
University of Saint Joseph	3754	WEST HARTFORD	CT	47	33
Albertus Magnus College	3001	NEW HAVEN	CT	24	14
Mitchell College	3528	NEW LONDON	CT	8	5
Goodwin College	5879	EAST HARTFORD	CT	3	2
St. Vincent's College	3789	BRIDGEPORT	CT	2	0

<sup>11</sup>DI codes with counts of 0 and historic DI codes are displayed for reference. These DIs may have had score sends in past years.

The following characteristics represented in this summary are reported by students during exam registration:

- Exam taker origin (In-State, Out-of-State, Non-US)
- Gender
- Ethnicity/race
- Parent education level

Because of rounding, sums of percentages may not equal 100 percent.

1. Who is represented in this report?

This report includes public and private high school students in the US and abroad who indicated 2019 as their graduation year and who sent AP exam scores to your institution(s) between March 1, 2019 and October 31, 2019 (in their graduating year). The report includes all AP Exams taken by this population during high school.

Students may have selected your institution(s) as a score recipient during their exam registration, or they may have requested a transcript to be sent to your institution(s) at a later date.

Why did we include only these students?

Our analysis shows that students who send AP exam scores to an institution between March 1 and October 31 of their high school graduation year have more than a 90% likelihood of matriculating at that institution. Our aim was to align our data as closely as possible with students who are actually enrolled at your institution(s). For this reason, we have not included students who only sent scores to your institution(s) outside this period of time.

2. Total Cohort includes all public and private high school students in the US and abroad who indicated 2019 as their graduation year and who took an AP Exam at any point during high school.

3. AP Exam scores are provided on a five-point scale:

The knowledge and skills criteria for earning a score of 1-5 are derived from standard setting and college comparability studies. As part of this process, committees of college faculty who teach the comparable college course detail the performance required to earn each score. Additional college comparability studies are conducted on campuses to inform the cut scores for the exams. These processes ensure that AP Exam outcomes align with college faculty expectations. For more information about AP Exam score setting, please visit: <https://aphighered.collegeboard.org/exams/scoring>

AP Exam Score	Recommendation	College Course Grade Equivalent
5	Extremely qualified	A+ or A
4	Very qualified	A-, B+ or B
3	Qualified	B-, C+ or C
2	Possibly qualified	
1	No recommendation	

4. The College Board and the American Council on Education (ACE) recommend granting credit/placement for AP Exam scores of 3, 4, and 5. Research also correlates these scores to academic success and opportunity; students earning a 3 or higher on an AP Exam tend to earn higher GPAs and to graduate within 4-5 years at a higher rate than non-AP students. For more information about credit granting recommendations, please visit <https://aphighered.collegeboard.org/setting-credit-placement-policy/credit-granting-recommendations>.

5. The "In-State", "Out-of-State" and "Non-US" designations are based upon where a student tested in relation to your institution.

6. Note the following regarding abbreviations of the race/ethnicity reporting categories:

**Hispanic:** Includes all students who self-identified as Cuban; Mexican; Puerto Rican; or Another Hispanic, Latino, or Latin American on the ethnicity portion of the race/ethnicity questionnaire. In accordance with federal guidelines, students who identify as both "Hispanic/Latino" and one of the above races are reported as "Hispanic/Latino" on this report. Students reported as "Two or more races" are non-Hispanic.

**Traditionally Underrepresented:** Includes all students who provided a response to the race/ethnicity questionnaire and indicated a racial/ethnic group other than White; Asian; or two or more races, White and Asian, or who received a College Board fee reduction for exams taken at any point during high school.

**Other:** Although "Other" as an option is no longer available as of the 2015-16 race/ethnicity reporting update, it may continue to be reported until all students have answered the new two-part question.

**Change from Last Year:** The change from last year for frequency data (number of test-takers or exams) is represented as a percentage change. It is obtained by subtracting the previous year's total from the current year and then dividing this difference by the previous year's total, which is then multiplied by 100.

7. "Low-income" exam takers received a College Board fee reduction for at least one AP Exam.
8. "Parent Education Level" represents the highest education level reported by students for either parent. Some of the categories listed on the chart are composites of the parent education levels selected by students during exam registration, as follows:

"No High School Diploma" includes "grade school" and "some high school."

"High School Diploma" includes "high school diploma or equivalent," "business or trade school," and "some college."

"Bachelor's Degree" includes "bachelor's or four-year degree" and "some graduate or professional school."

9. AP Exams are categorized as follows:

*Arts:* Art History, Music Theory, Studio Art

*Capstone:* Capstone Research, Capstone Seminar

*English:* English Language and Composition, English Literature and Composition

*History and Social Science:* Comparative Government and Politics, European History, Human Geography, Macroeconomics, Microeconomics, Psychology, US Government and Politics, US History, World History

*Mathematics and Computer Science:* Calculus AB, Calculus BC, Computer Science A, Statistics, Computer Science Principles

*Sciences:* Biology, Chemistry, Environmental Science, Physics C, Physics 1, Physics 2

*World Languages:* Chinese Language and Culture, French Language and Culture, German Language and Culture, Italian Language and Culture (discontinued, 2009; reinstated, 2012), Japanese Language and Culture, Latin, Spanish Language and Culture, Spanish Literature and Culture

10. Computer Science Principles scores were first released in summer 2017.
11. This system report is an aggregation of the AP score sends to these colleges and universities. Individual institution reports have only been generated for those colleges and universities to which 25 or more students sent scores.