

Summary of AP Examination Scores reported to

# **Kansas Board of Regents: Public Two-Year Institutions**

# 2016

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# Your support for AP encourages students to reach for more

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College students from all walks of life say that the promise of credit and placement motivates them to take on the challenge of AP — positioning them for success on campus and in their later careers.

By having a transparent, data-driven credit and placement policy, you can help ensure that students are more prepared to explore advanced coursework their first year on campus; they dig deeper into their passions and create the most enriching college experiences possible.

- Improved enrollment efficiency for higher education through seamless course articulation for incoming transfer students
- Better student outcomes with increased credit portability and degree completion rates
- Reduced duplication or accumulation of excess credit hours
- Increased economic flexibility for students and families.

# Overview of Exam Taker Scores Reported

## System and Total Cohort Results



		Kansas Board of Regents: Public Two-Year Institutions				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	423	100.0%	969	206	1,324,038	100.0%	4,422,946	829,970
	Change from last year	+7.4%		+8.1%	+10.8%	+2.3%		+6.0%	+3.1%
Exam Taker Origin <sup>5</sup>	In-State	331	78.3%	687	163	N/A	N/A	N/A	N/A
	Change from last year	+6.8%		+3.5%	+7.2%				
	Out-of-State	91	21.5%	280	42	N/A	N/A	N/A	N/A
	Change from last year	+9.6%		+21.2%	+23.5%				
Gender	Non-US	1	0.2%	2	1	46,607	3.5%	136,009	36,202
	Change from last year	0.0%		+100.0%		+3.8%		+10.4%	+4.5%
	Female	237	56.0%	531	112	740,978	56.0%	2,412,361	455,705
	Change from last year	+1.7%		+6.0%	+13.1%	+2.5%		+6.2%	+3.9%
	Male	186	44.0%	438	94	583,060	44.0%	2,010,585	374,265
	Change from last year	+15.5%		+10.9%	+8.0%	+2.1%		+5.8%	+2.1%
Race/Ethnicity <sup>*</sup>	American Indian	4	0.9%	11	2	5,802	0.4%	13,885	2,284
	Change from last year								
	Asian	18	4.3%	48	10	155,268	11.7%	702,050	116,317
	Change from last year								
	Black	25	5.9%	61	5	110,449	8.3%	289,550	34,520
	Change from last year								
	Hispanic or Latino <sup>6</sup>	105	24.8%	220	39	278,777	21.1%	871,139	162,567
	Change from last year								
	Pacific Islander	0	0.0%	0	0	1,759	0.1%	5,844	898
	Change from last year								
	White	247	58.4%	577	140	700,200	52.9%	2,330,876	473,523
	Change from last year								
	Two or more races	19	4.5%	44	7	36,276	2.7%	147,269	25,377
	Change from last year								
	Other	2	0.5%	5	1	14,805	1.1%	33,450	6,780
Change from last year									
SES	No Response	3	0.7%	3	2	20,702	1.6%	28,883	7,704
	Change from last year								
	Low-income <sup>7</sup>	142	33.6%	338	48	352,958	26.7%	1,131,618	178,791
	Change from last year	+2.9%		+6.6%	+4.3%	+3.0%		+7.1%	+5.4%

\* Beginning with the 2015-16 school year, the collection and reporting of race/ethnicity was updated to reflect U.S. Department of Education guidelines. Due to these changes, the percentage change from last year is not provided. For additional details, please refer to the Race and Ethnicity note on page 18.

# Three-Year Trend

## Kansas Board of Regents: Public Two-Year Institutions



		2016				2015				2014			
		# 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	423	100.0%	969	206	394	100.0%	896	186	389	100.0%	861	206
	Change from previous year	+7.4%		+8.1%	+10.8%	+1.3%		+4.1%	-9.7%	+7.2%		+10.2%	+16.4%
Exam Taker Origin <sup>5</sup>	In-State	331	78.3%	687	163	310	78.7%	664	152	288	74.0%	581	149
	Change from previous year	+6.8%		+3.5%	+7.2%	+7.6%		+14.3%	+2.0%	-1.0%		-4.3%	+1.4%
Exam Taker Origin <sup>5</sup>	Out-of-State	91	21.5%	280	42	83	21.1%	231	34	100	25.7%	278	56
	Change from previous year	+9.6%		+21.2%	+23.5%	-17.0%		-16.9%	-39.3%	+38.9%		+59.8%	+86.7%
Exam Taker Origin <sup>5</sup>	Non-US	1	0.2%	2	1	1	0.3%	1	0	1	0.3%	2	1
	Change from previous year	0.0%		+100.0%		0.0%		-50.0%	-100.0%				
Gender	Female	237	56.0%	531	112	233	59.1%	501	99	215	55.3%	506	114
	Change from previous year	+1.7%		+6.0%	+13.1%	+8.4%		-1.0%	-13.2%	-0.9%		+5.9%	+7.5%
Gender	Male	186	44.0%	438	94	161	40.9%	395	87	174	44.7%	355	92
	Change from previous year	+15.5%		+10.9%	+8.0%	-7.5%		+11.3%	-5.4%	+19.2%		+17.2%	+29.6%
Race/Ethnicity *	American Indian	4	0.9%	11	2	3	0.8%	8	0	4	1.0%	8	2
	Change from last year												
	Asian	18	4.3%	48	10	25	6.3%	66	14	29	7.5%	74	15
	Change from last year												
	Black	25	5.9%	61	5	24	6.1%	49	2	21	5.4%	55	7
	Change from last year												
	Hispanic or Latino <sup>6</sup>	105	24.8%	220	39	72	18.3%	181	25	78	20.1%	190	30
	Change from last year												
	Pacific Islander	0	0.0%	0	0	-	-	-	-	-	-	-	-
	Change from last year												
	White	247	58.4%	577	140	243	61.7%	541	127	238	61.2%	493	141
	Change from last year												
	Two or more races	19	4.5%	44	7	-	-	-	-	-	-	-	-
	Change from last year												
Other	2	0.5%	5	1	13	3.3%	36	9	10	2.6%	30	7	
Change from previous year													
SES	No Response	3	0.7%	3	2	14	3.6%	15	9	9	2.3%	11	4
	Change from previous year												
SES	Low-income <sup>7</sup>	142	33.6%	338	48	138	35.0%	317	46	117	30.1%	282	37
	Change from previous year	+2.9%		+6.6%	+4.3%	+17.9%		+12.4%	+24.3%	+2.6%		+11.9%	-9.8%

\* Due to US DOE reporting changes, the percentage change from last year is not provided for Race/Ethnicity. For additional details, please refer to the Race and Ethnicity note on page 18.

# Three-Year Trend

## Total Cohort



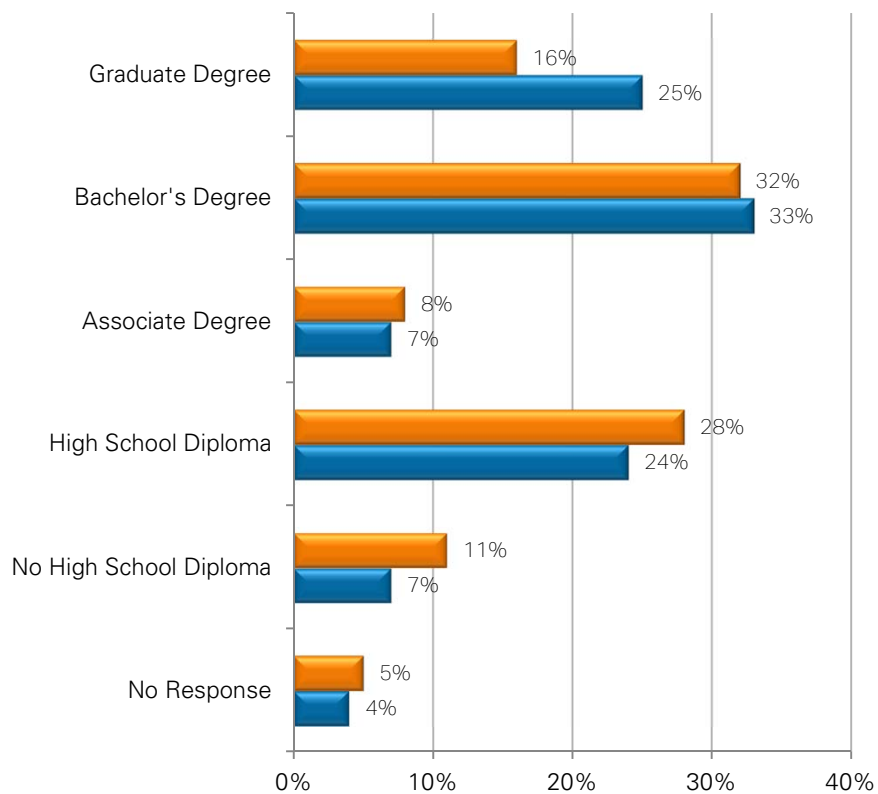
		2016				2015				2014			
		# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>	# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>	# of Exam Takers	% of Total Exam Takers	# of Exam Scores	# of Exam Takers Scoring 3 or Higher <sup>4</sup>
All	Total	1,324,038	100.0%	4,422,946	829,970	1,293,791	100.0%	4,171,317	805,371	1,223,436	100.0%	3,920,681	765,240
	Change from previous year	+2.3%		+6.0%	+3.1%	+5.8%		+6.4%	+5.2%	+4.4%		+6.7%	+4.2%
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	46,607	3.5%	136,009	36,202	44,901	3.5%	123,143	34,646	41,536	3.4%	113,249	31,857
	Change from previous year	+3.8%		+10.4%	+4.5%	+8.1%		+8.7%	+8.8%	+9.2%		+13.7%	+9.6%
Gender	Female	740,978	56.0%	2,412,361	455,705	722,767	55.9%	2,270,973	438,706	682,658	55.8%	2,129,987	415,744
	Change from previous year	+2.5%		+6.2%	+3.9%	+5.9%		+6.6%	+5.5%	+4.5%		+6.9%	+4.6%
Gender	Male	583,060	44.0%	2,010,585	374,265	571,024	44.1%	1,900,344	366,665	540,778	44.2%	1,790,694	349,496
	Change from previous year	+2.1%		+5.8%	+2.1%	+5.6%		+6.1%	+4.9%	+4.2%		+6.4%	+3.7%
Race/Ethnicity*	American Indian	5,802	0.4%	13,885	2,284	7,768	0.6%	21,131	3,689	7,511	0.6%	20,194	3,532
	Change from last year												
Race/Ethnicity*	Asian	155,268	11.7%	702,050	116,317	161,026	12.4%	691,876	118,400	151,527	12.4%	644,848	111,562
	Change from last year												
Race/Ethnicity*	Black	110,449	8.3%	289,550	34,520	113,382	8.8%	295,054	36,499	106,344	8.7%	274,437	33,768
	Change from last year												
Race/Ethnicity*	Hispanic or Latino <sup>6</sup>	278,777	21.1%	871,139	162,567	239,171	18.5%	709,659	135,985	221,230	18.1%	646,431	124,855
	Change from last year												
Race/Ethnicity*	Pacific Islander	1,759	0.1%	5,844	898	-	-	-	-	-	-	-	-
	Change from last year												
Race/Ethnicity*	White	700,200	52.9%	2,330,876	473,523	700,847	54.2%	2,264,885	472,323	678,717	55.5%	2,167,983	459,001
	Change from last year												
Race/Ethnicity*	Two or more races	36,276	2.7%	147,269	25,377	-	-	-	-	-	-	-	-
	Change from last year												
Race/Ethnicity*	Other	14,805	1.1%	33,450	6,780	42,846	3.3%	144,740	26,239	42,812	3.5%	142,915	26,299
	Change from previous year												
Race/Ethnicity*	No Response	20,702	1.6%	28,883	7,704	28,751	2.2%	43,972	12,236	15,295	1.3%	23,873	6,223
	Change from previous year												
SES	Low-income <sup>7</sup>	352,958	26.7%	1,131,618	178,791	342,736	26.5%	1,056,191	169,611	314,878	25.7%	962,050	155,243
	Change from previous year	+3.0%		+7.1%	+5.4%	+8.8%		+9.8%	+9.3%	+8.2%		+11.1%	+9.7%

\* Due to US DOE reporting changes, the percentage change from last year is not provided for Race/Ethnicity. For additional details, please refer to the Race and Ethnicity note on page 18.

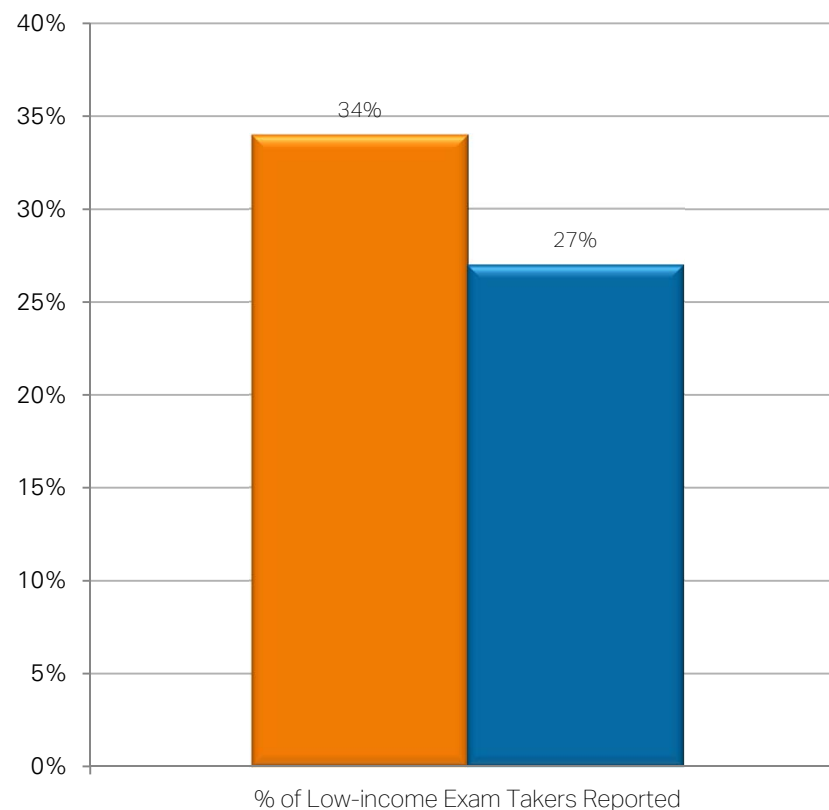
# Overview of Exam Taker Scores Reported

## Parent Education Level and Low-Income Trends

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



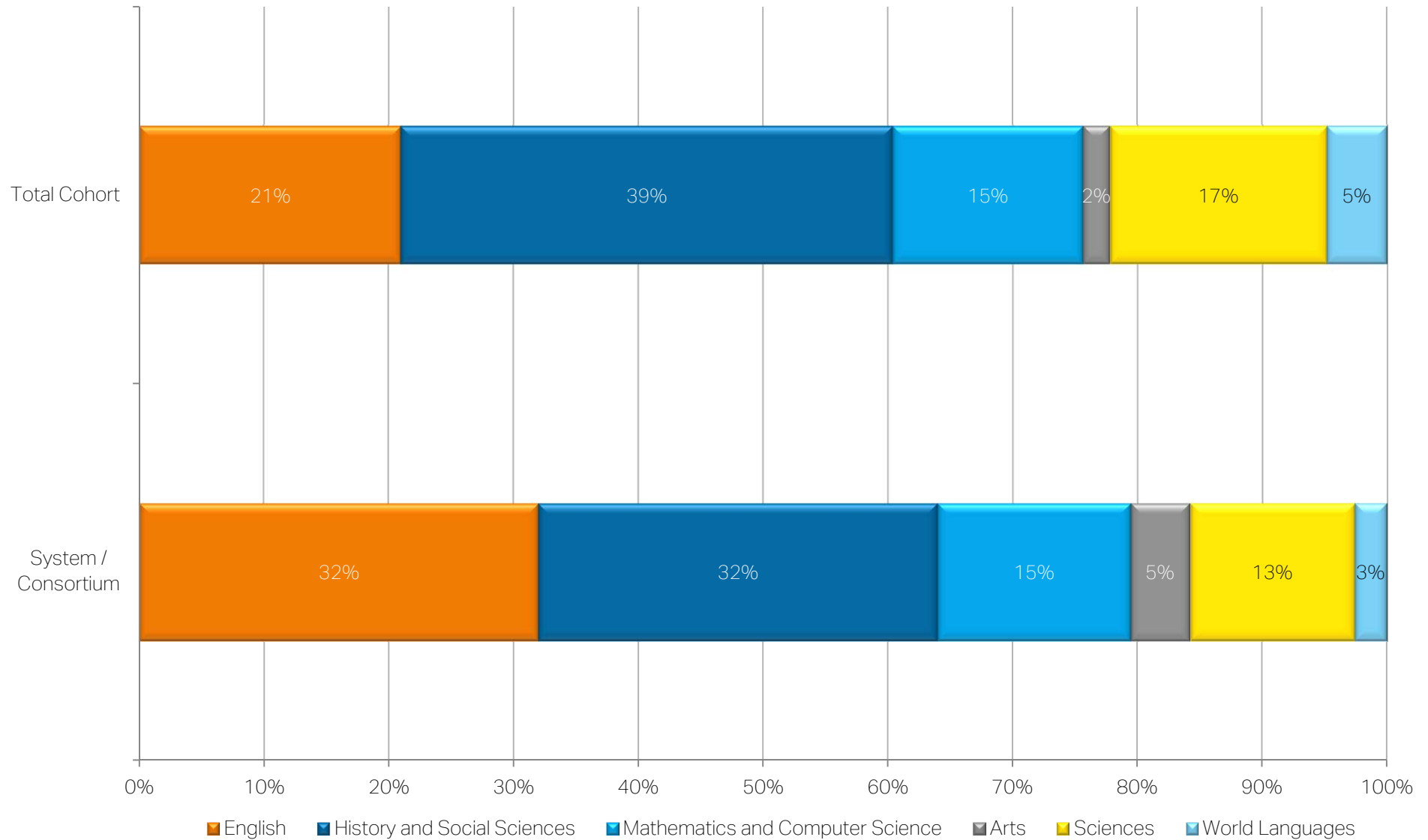
Percent of Low-income<sup>7</sup> Exam Takers Reported



■ Kansas Board of Regents: Public Two-Year Institutions  
■ Total Cohort<sup>2</sup>

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

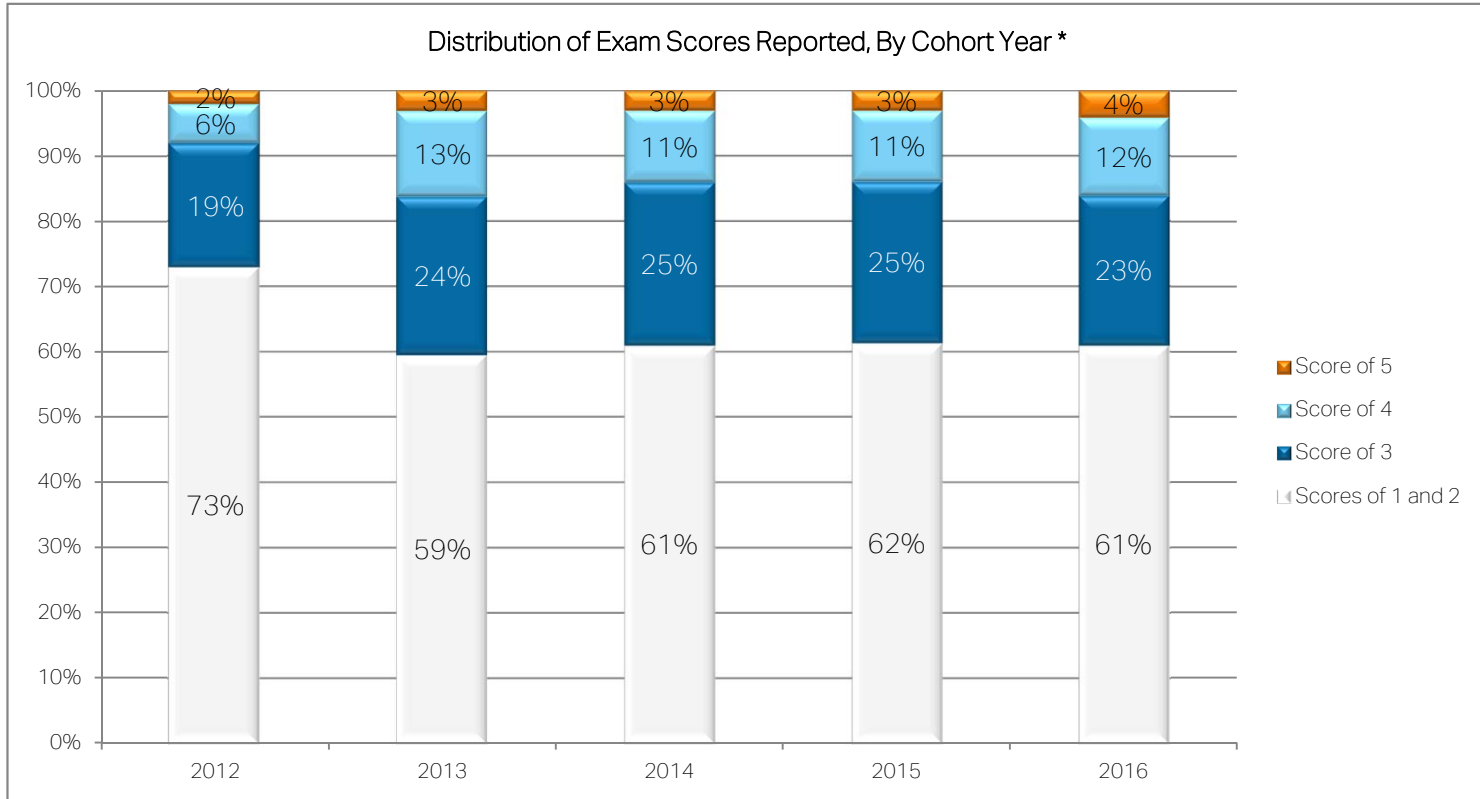
Subject Area of Exam Scores Sent





# 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	6	2	2	0	3	3	5	1	0	5
	% of exam takers reported		33%	33%	0%	50%	50%	83%	17%	0%	83%
	Music Theory	8	1	0	1	5	3	7	1	0	7
	% of exam takers reported		13%	0%	13%	63%	38%	88%	13%	0%	88%
	Studio Art: 2-D Design Portfolio	16	5	6	3	2	14	13	3	0	13
	% of exam takers reported		31%	38%	19%	13%	88%	81%	19%	0%	81%
	Studio Art: 3-D Design Portfolio	4	0	1	2	1	3	2	2	0	2
	% of exam takers reported		0%	25%	50%	25%	75%	50%	50%	0%	50%
Studio Art: Drawing Portfolio	12	5	0	3	5	7	10	2	0	10	
% of exam takers reported		42%	0%	25%	42%	58%	83%	17%	0%	83%	
Capstone	Capstone: Research <sup>11</sup>	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	Capstone: Seminar	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
English	English Language and Composition	146	37	16	6	54	92	103	43	0	102
	% of exam takers reported		25%	11%	4%	37%	63%	71%	29%	0%	70%
	English Literature and Composition	164	35	14	1	58	106	122	41	1	121
	% of exam takers reported		21%	9%	1%	35%	65%	74%	25%	1%	74%
History and Social Sciences	Comparative Government and Politics	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	European History	22	11	4	1	12	10	19	3	0	19
	% of exam takers reported		50%	18%	5%	55%	45%	86%	14%	0%	86%
	Human Geography	10	0	6	1	5	5	3	7	0	3
	% of exam takers reported		0%	60%	10%	50%	50%	30%	70%	0%	30%
	Macroeconomics	11	1	2	0	9	2	2	9	0	1
	% of exam takers reported		9%	18%	0%	82%	18%	18%	82%	0%	9%
Microeconomics	4	2	0	0	4	0	0	4	0	0	
% of exam takers reported		50%	0%	0%	100%	0%	0%	100%	0%	0%	

# 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	89	17	12	5	32	57	70	19	0	70
	% of exam takers reported		19%	13%	6%	36%	64%	79%	21%	0%	79%
	United States Government and Politics	61	9	7	0	34	27	43	18	0	42
	% of exam takers reported		15%	11%	0%	56%	44%	70%	30%	0%	69%
	United States History	89	32	9	1	44	45	67	22	0	67
	% of exam takers reported		36%	10%	1%	49%	51%	75%	25%	0%	75%
	World History	24	7	1	0	12	12	9	15	0	8
	% of exam takers reported		29%	4%	0%	50%	50%	38%	63%	0%	33%
Mathematics and Computer Science	Calculus AB	83	11	13	8	44	39	61	22	0	58
	% of exam takers reported		13%	16%	10%	53%	47%	73%	27%	0%	70%
	Calculus BC	9	4	1	0	8	1	7	2	0	7
	% of exam takers reported		44%	11%	0%	89%	11%	78%	22%	0%	78%
	Computer Science A	1	0	0	0	0	1	0	1	0	0
	% of exam takers reported		0%	0%	0%	0%	100%	0%	100%	0%	0%
	Statistics	57	9	4	2	28	29	42	15	0	42
	% of exam takers reported		16%	7%	4%	49%	51%	74%	26%	0%	74%
Sciences	Biology	33	12	3	1	15	18	21	12	0	20
	% of exam takers reported		36%	9%	3%	45%	55%	64%	36%	0%	61%
	Chemistry	29	7	1	0	17	12	19	10	0	19
	% of exam takers reported		24%	3%	0%	59%	41%	66%	34%	0%	66%
	Environmental Science	13	2	1	1	4	9	7	6	0	7
	% of exam takers reported		15%	8%	8%	31%	69%	54%	46%	0%	54%
	Physics 1	46	4	2	0	25	21	34	12	0	34
	% of exam takers reported		9%	4%	0%	54%	46%	74%	26%	0%	74%
Physics 2	2	0	0	0	2	0	1	1	0	1	
% of exam takers reported		0%	0%	0%	100%	0%	50%	50%	0%	50%	
Physics B	0	0	0	0	0	0	0	0	0	0	
% of exam takers reported											

# 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	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	Physics C: Mechanics	5	1	1	0	4	1	4	1	0	4
	% of exam takers reported		20%	20%	0%	80%	20%	80%	20%	0%	80%
World Languages	Chinese Language and Culture	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	French Language and Culture	1	0	1	0	0	1	1	0	0	1
	% of exam takers reported		0%	100%	0%	0%	100%	100%	0%	0%	100%
	German Language and Culture	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	Italian Language and Culture <sup>9</sup>	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	Japanese Language and Culture	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	Latin	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported										
	Spanish Language and Culture	20	6	8	5	8	12	15	4	1	14
	% of exam takers reported		30%	40%	25%	40%	60%	75%	20%	5%	70%
Spanish Literature and Culture	4	1	0	0	3	1	0	4	0	0	
% of exam takers reported		25%	0%	0%	75%	25%	0%	100%	0%	0%	
Totals	Total (System / Consortium)	423	221	115	41	186	237	331	91	1	325
	% of exams/exam takers reported*		23%	12%	4%	44%	56%	78%	22%	0%	77%
	Total (Total Cohort <sup>4</sup> )	1,324,038	1,099,255	871,607	611,094	583,060	740,978	N/A	N/A	46,607	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	6	0	0	0	3	0	3	0	0	0	3
	% of exam takers reported		0%	0%	0%	50%	0%	50%	0%	0%	0%	50%
	Music Theory	8	0	1	0	3	0	4	0	0	0	2
	% of exam takers reported		0%	13%	0%	38%	0%	50%	0%	0%	0%	25%
	Studio Art: 2-D Design Portfolio	16	0	0	1	3	0	10	2	0	0	8
	% of exam takers reported		0%	0%	6%	19%	0%	63%	13%	0%	0%	50%
	Studio Art: 3-D Design Portfolio	4	0	0	1	2	0	1	0	0	0	1
	% of exam takers reported		0%	0%	25%	50%	0%	25%	0%	0%	0%	25%
Studio Art: Drawing Portfolio	12	1	1	0	5	0	5	0	0	0	5	
% of exam takers reported		8%	8%	0%	42%	0%	42%	0%	0%	0%	42%	
Capstone	Capstone: Research <sup>11</sup>	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	Capstone: Seminar	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
English	English Language and Composition	146	2	6	11	36	0	84	6	1	0	60
	% of exam takers reported		1%	4%	8%	25%	0%	58%	4%	1%	0%	41%
	English Literature and Composition	164	3	6	14	38	0	93	8	1	1	66
	% of exam takers reported		2%	4%	9%	23%	0%	57%	5%	1%	1%	40%
History and Social Sciences	Comparative Government and Politics	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	European History	22	0	2	0	6	0	13	0	1	0	5
	% of exam takers reported		0%	9%	0%	27%	0%	59%	0%	5%	0%	23%
	Human Geography	10	0	0	0	3	0	7	0	0	0	4
	% of exam takers reported		0%	0%	0%	30%	0%	70%	0%	0%	0%	40%
	Macroeconomics	11	0	0	2	0	0	8	1	0	0	5
	% of exam takers reported		0%	0%	18%	0%	0%	73%	9%	0%	0%	45%
Microeconomics	4	0	0	0	1	0	3	0	0	0	2	
% of exam takers reported		0%	0%	0%	25%	0%	75%	0%	0%	0%	50%	

# 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	89	0	5	7	18	0	55	4	0	0	28
	% of exam takers reported		0%	6%	8%	20%	0%	62%	4%	0%	0%	31%
	United States Government and Politics	61	1	2	3	11	0	42	2	0	0	21
	% of exam takers reported		2%	3%	5%	18%	0%	69%	3%	0%	0%	34%
	United States History	89	2	6	5	13	0	56	6	1	0	29
	% of exam takers reported		2%	7%	6%	15%	0%	63%	7%	1%	0%	33%
Mathematics and Computer Science	World History	24	0	0	3	3	0	18	0	0	0	11
	% of exam takers reported		0%	0%	13%	13%	0%	75%	0%	0%	0%	46%
	Calculus AB	83	1	7	6	10	0	56	3	0	0	15
	% of exam takers reported		1%	8%	7%	12%	0%	67%	4%	0%	0%	18%
	Calculus BC	9	0	0	0	2	0	7	0	0	0	0
	% of exam takers reported		0%	0%	0%	22%	0%	78%	0%	0%	0%	0%
Sciences	Computer Science A	1	0	0	0	1	0	0	0	0	0	1
	% of exam takers reported		0%	0%	0%	100%	0%	0%	0%	0%	0%	100%
	Statistics	57	0	1	2	12	0	35	5	1	1	17
	% of exam takers reported		0%	2%	4%	21%	0%	61%	9%	2%	2%	30%
	Biology	33	1	2	2	7	0	20	0	0	1	10
	% of exam takers reported		3%	6%	6%	21%	0%	61%	0%	0%	3%	30%
Sciences	Chemistry	29	0	4	1	3	0	20	1	0	0	5
	% of exam takers reported		0%	14%	3%	10%	0%	69%	3%	0%	0%	17%
	Environmental Science	13	0	1	0	5	0	6	1	0	0	6
	% of exam takers reported		0%	8%	0%	38%	0%	46%	8%	0%	0%	46%
	Physics 1	46	0	3	3	13	0	24	3	0	0	16
	% of exam takers reported		0%	7%	7%	28%	0%	52%	7%	0%	0%	35%
Sciences	Physics 2	2	0	0	0	0	0	1	1	0	0	0
	% of exam takers reported		0%	0%	0%	0%	0%	50%	50%	0%	0%	0%
	Physics B	0	0	0	0	0	0	0	0	0	0	0
% of exam takers reported												

# 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	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	Physics C: Mechanics	5	0	0	0	0	0	5	0	0	0	2
	% of exam takers reported		0%	0%	0%	0%	0%	100%	0%	0%	0%	40%
World Languages	Chinese Language and Culture	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	French Language and Culture	1	0	1	0	0	0	0	0	0	0	0
	% of exam takers reported		0%	100%	0%	0%	0%	0%	0%	0%	0%	0%
	German Language and Culture	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	Italian Language and Culture	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	Japanese Language and Culture	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	Latin	0	0	0	0	0	0	0	0	0	0	0
	% of exam takers reported											
	Spanish Language and Culture	20	0	0	0	18	0	1	1	0	0	13
	% of exam takers reported		0%	0%	0%	90%	0%	5%	5%	0%	0%	65%
Spanish Literature and Culture	4	0	0	0	4	0	0	0	0	0	3	
% of exam takers reported		0%	0%	0%	100%	0%	0%	0%	0%	0%	75%	
Totals	Total (System / Consortium)	423	4	18	25	105	0	247	19	2	3	142
	% of exams/exam takers reported*		1%	4%	6%	25%		58%	4%	0%	1%	34%
	Total (Total Cohort <sup>2</sup> )	1,324,038	5,802	155,268	110,449	278,777	1,759	700,200	36,276	14,805	20,702	352,958
	% of exams/exam takers reported*		0%	12%	8%	21%	0%	53%	3%	1%	2%	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>12</sup>



Institution	Institution Code	City	State	# of Students	# of Exam Takers Scoring 3 or Higher <sup>4</sup>
Butler Community College	6191	EL DORADO	KS	133	51
Johnson County Community College	6325	OVERLAND PARK	KS	105	69
Hutchinson Community College	6281	HUTCHINSON	KS	35	21
Allen County Community College	6305	IOLA	KS	16	6
Pratt Community College	6581	PRATT	KS	15	5
Cloud County Community College	6137	CONCORDIA	KS	11	4
Coffeyville Community College	6102	COFFEYVILLE	KS	11	4
Cowley County Community College	6008	ARKANSAS CITY	KS	11	5
Dodge City Community College	6166	DODGE CITY	KS	11	7
Fort Scott Community College	6219	FORT SCOTT	KS	11	5
Kansas City Kansas Community College	6333	KANSAS CITY	KS	11	5
Garden City Community College	6246	GARDEN CITY	KS	10	5
Independence Community College	6304	INDEPENDENCE	KS	9	4
Neosho County Community College	6093	CHANUTE	KS	9	2
Colby Community College	6129	COLBY	KS	8	5
Seward County Community College	0286	LIBERAL	KS	8	3
Highland Community College	6276	HIGHLAND	KS	4	1
Labette Community College	6576	PARSONS	KS	4	3
Barton County Community College	0784	GREAT BEND	KS	1	1
North Central Kansas Technical College	2616	BELOIT	KS	0	0

<sup>4</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 but did not receive scores for the 2016 report.



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 2016 as their graduation year and who sent AP exam scores to your institution(s) between March 1, 2016 and October 31, 2016 (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 2016 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" and "Out-of-State" designations are based upon where a student tested in relation to your institution.

6. Racial/Ethnic Background: Please note that beginning in the 2015-16 school year reporting of race/ethnicity was updated to reflect U.S. Department of Education guidelines. Beginning in the 2015-16 school year, test-takers complete an optional two-part question that asks them to indicate their racial and ethnic group membership(s). The categories provided for the race question are American Indian or Alaska Native; Asian (including Indian subcontinent and Philippines origin); Black or African American (including Africa and Afro Caribbean origin); White (including Middle Eastern origin); and Native Hawaiian or other Pacific Islander. Students may select all that apply to them.

The categories provided for the ethnicity question are Cuban; Mexican; Puerto Rican; Another Hispanic, Latino, or Spanish origin; or Not of Hispanic, Latino, or Spanish origin. A small percentage of students do not provide a response to one or both questions. Students may select all that apply to them. Prior to 2016, the Asian category was presented as Asian, Asian American, or Pacific Islander. Additionally, the Cuban option was introduced in 2016 as a new Hispanic ethnicity subcategory. In prior years a student may have identified as Other Hispanic, Latino, or Latin American if they were of Cuban origin.

Due to these changes we encourage you to use caution when making comparisons between the 2015-16 school year and race/ethnicity subgroup data from prior years. Note the following regarding abbreviations of the 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 Underserved: 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, 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. Due to race/ethnicity question changes for the 2015-16 school year note that some trend data may not be available.

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
  - 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
  - Sciences*: Biology, Chemistry, Environmental Science, Physics B, 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. Italian Language and Culture was discontinued after the 2009 administration, but was reinstated in 2011, with the first exam administration in 2012.
11. Capstone: Research scores were first released in summer 2016. This 2016 report is the first time that these scores have been included in the annual score send summary reports.  
Capstone: Seminar scores were first included in the annual score send summary reports in 2015.
12. 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.