

SAT[®]

2016 College-Bound Seniors

State Profile Report



KENTUCKY

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

DATA EMBARGO IN EFFECT. This report contains information on college-bound students in the class of 2016 who took the pre-March 2016 SAT or SAT Subject Tests at any time during high school. ***Data and other information in this report are embargoed from dissemination to the media and general public until after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2016.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions, please contact the College Board communications department at communications@collegeboard.org.

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The SAT® Program

The SAT® assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2016* includes students who tested through January 2016. The College Board administered the first redesigned SAT in March 2016. While a majority of the Class of 2016 took only the pre-March 2016 SAT, a small percentage took the new SAT. The report includes senior test-takers in this class who took the SAT prior to March 2016. To help schools with the transition to the new SAT, we have included an addendum on results from the March - June 2016 administrations.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2016 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board website at www.collegeboard.org.

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses a 200- to 800-point scale.

Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2016

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488
2014	499	495	497	530	499	513	481	492	487
2015	497	493	495	527	496	511	478	490	484
2016	495	493	494	524	494	508	475	487	482

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2016, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to 2015 include students testing through June. Cohort data presented for 2016 includes test-takers through January 2016. For further information see www.collegeboard.org/cbs.

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SAT[®] Data

Data in this report are for high school graduates in the year 2016. Information is summarized for seniors who took the SAT at any time during their high school years through January 2016. If a student took the pre-March 2016 SAT more than once, the most recent score is used. A small percentage of seniors take their first SAT between March and June of their senior years.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	1,528	604	105	599	109	586	103	59.2	10.7	7.6	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	683	615	105	627	106	587	102	59.8	10.6	7.4	1.5
Female	845	595	104	576	107	585	104	58.7	10.8	7.8	1.3

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the pre-March 2016 SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2015-2016)	733	599	109	597	113	580	105	58.6	11.0	7.6	1.4
Junior (2014-2015)	754	610	101	601	106	592	102	59.9	10.4	7.6	1.4
Sophomore (2013-2014)	34	581	93	587	100	568	92	56.7	9.5	7.8	1.2
Freshman (2012-2013)	7	590		577		546		54.4		7.9	
Total	1,528	604	105	599	109	586	103	59.2	10.7	7.6	1.4

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,637,589	494	117	508	121	482	115	48.4	11.7	6.9	1.7

SAT Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	680	680	660	570	590	560
50th	600	600	590	490	500	480
25th	530	520	510	410	420	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	173	166	339	200	115	315	96	121	217
600-690	239	249	488	235	260	495	235	281	516
500-590	188	283	471	160	279	439	228	261	489
400-490	58	124	182	73	154	227	96	152	248
300-390	21	22	43	14	33	47	24	28	52
200-290	4	1	5	1	4	5	4	2	6

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	901	64	44	56	609	614	588
Religiously Affiliated	345	25	46	54	605	593	594
Independent	162	12	48	52	603	584	593
Other or Unknown	120		39	61	561	516	532

Note: Percentiles are reported when there are 20 or more test-takers.
The College Board is no longer collecting data regarding Disabling Conditions.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 8: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	5	0	580		580		570	
Asian or Asian American	195	13	601	120	660	102	598	119
Black or African American	88	6	499	107	480	99	492	101
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	48	3	587	109	572	114	557	115
White	1,106	72	614	97	599	103	593	95
Two or More Races, non-Hispanic	25	2	563	87	570	126	542	114
Other	19	1	615		623		602	
No Response	42	3	611	120	601	100	586	117
Total	1,528	100	604	105	599	109	586	103

Table 9: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	2	0						
Asian or Asian American	75	5	600	133	666	102	584	120
Black or African American	34	2	485	129	489	115	481	119
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	23	2	618		613		573	
White	503	33	627	91	632	97	596	91
Two or More Races, non-Hispanic	8	1	544		619		520	
Other	11	1	605		625		592	
No Response	27	2	614	125	600	102	592	112
Total	683	45	615	105	627	106	587	102

Table 10: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	3	0						
Asian or Asian American	120	8	601	111	657	101	607	117
Black or African American	54	4	508	89	474	87	499	87
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	25	2	559	111	533	111	542	99
White	603	39	603	100	571	98	591	98
Two or More Races, non-Hispanic	17	1	572		548		552	
Other	8	1	628		619		615	
No Response	15	1	605		603		574	
Total	845	55	595	104	576	107	585	104

Demographic Information

SAT: Student Background Information and Characteristics

Table 11: Student Background Information and Characteristics

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	1,528	100	604	105	599	109	586	103
First Language Learned								
English	1,291	85	608	100	592	106	587	100
English and Another	138	9	593	127	623	122	585	114
Another Language	87	6	559	120	655	110	556	130
No Response	12		623		598		628	
Citizenship								
U.S. Citizen / U.S. National	1,447	96	607	102	597	108	589	100
U.S. Permanent Resident or Refugee	26	2	575	150	623	132	563	145
Citizen of Another Country	42	3	515	111	639	115	517	130
Other, Unknown, or No Response	13		540		593		539	
Plans to Apply for Financial Aid								
Yes	980	73	605	105	599	110	584	103
No	133	10	594	105	598	111	586	102
Don't Know	237	18	598	105	597	106	587	109
No Response	178		612	104	600	109	595	98
Family Income								
Less than \$20,000	48	5	552	113	554	117	523	108
About \$20,000 to \$40,000	79	8	560	92	547	97	525	92
About \$40,001 to \$60,000	107	10	579	111	557	108	543	102
About \$60,001 to \$80,000	141	14	587	98	585	97	568	95
About \$80,001 to \$100,000	138	14	589	98	585	103	571	104
About \$100,001 to \$140,000	222	22	620	101	616	105	601	95
About \$140,001 to \$200,000	122	12	627	93	611	101	603	87
More than \$200,000	163	16	631	90	628	97	617	89
No Response	508		607	110	607	115	598	108
Highest Level of Parental Education								
No High School Diploma	8	1	539		648		526	
High School Diploma	145	10	540	106	545	113	522	100
Associate Degree	91	6	578	99	569	100	549	103
Bachelor's Degree	477	32	597	97	592	105	577	98
Graduate Degree	747	51	625	102	616	107	609	98
No Response	60		596	123	603	112	587	114
Took the PSAT/NMSQT®								
Yes, As a Junior	308	28	609	99	613	108	595	101
Yes, As a Sophomore or Younger	221	20	602	90	586	92	586	91
Yes, As a Junior and As a Sophomore or Younger	409	38	639	97	631	105	623	94
No	143	13	545	98	547	99	514	99
No Response	447		587	112	582	114	568	105

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Academic Record

Table 12: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	581	67	46	54	640	642	623
Second Tenth	174	20	44	56	561	556	545
Second Fifth	65	8	52	48	526	546	513
Final Three Fifths	43	5	49	51	504	504	480
No Response	665		43	57	597	583	578

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	412	28	42	58	649	650	633
A (93–96)	574	38	44	56	622	616	605
A- (90–92)	253	17	43	57	578	568	553
B (80–89)	240	16	51	49	524	511	502
C (70–79)	15	1	73	27	483	485	479
D, E, or F (below 70)		0					
No Response	34		53	47	560	570	562
Mean Grade Point Average	All Students: 3.88		Male: 3.84		Female: 3.91		

Table 14: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.1	2.5	2.3	3.92	3.97	3.95
English and Language Arts	4.0	4.0	4.0	3.75	3.86	3.81
Foreign and Classical Languages	3.1	3.1	3.1	3.75	3.84	3.80
Mathematics	4.2	4.1	4.1	3.69	3.76	3.73
Natural Sciences	3.8	3.8	3.8	3.76	3.78	3.77
Social Sciences and History	3.7	3.7	3.7	3.80	3.82	3.81
Total for All Subjects	20.9	21.2	21.0			

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 15: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	149	12	40	60	593	595	584
4 Years	1,032	80	44	56	613	607	593
3 Years	63	5	33	67	555	560	545
2 Years	28	2	36	64	580	578	560
1 Year	5	0	40	60	594	576	550
1/2 Year or Less	14	1	43	57	494	505	466
No Response	237		54	46	593	585	577
AP [®] /Honors Courses	910	70	41	59	626	623	609
Course Work or Experience							
English/Language Arts	1,275	98	44	56	604	599	585
Journalism	113	9	29	71	620	591	599
Creative Writing	247	19	38	62	597	573	581
American Literature	649	50	43	57	615	603	597
Composition/Writing	615	47	46	54	617	606	600
British Literature	274	21	43	57	621	603	603
World Literature	323	25	42	58	610	591	588
Communications	130	10	45	55	599	585	581
Public Speaking	277	21	40	60	599	584	585
English As Second Language	42	3	38	62	511	600	502

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	376	28	48	52	624	641	605
4 Years	883	65	43	57	607	593	589
3 Years	65	5	34	66	542	529	522
2 Years	15	1	40	60	538	522	497
1 Year	12	1	42	58	550	578	546
1/2 Year or Less	15	1	40	60	469	488	453
No Response	162		50	50	587	578	573
AP/Honors Courses	942	69	45	55	629	634	612
Highest Level of Mathematics Achieved*							
Calculus	866	64	48	52	635	646	617
Pre-calculus	292	21	39	61	568	543	553
Geometry	191	14	36	64	522	478	499
Algebra II	10	1	20	80	528	489	488
Algebra I		0					

*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 16: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	199	15	47	53	621	638	603	
4 Years	738	57	45	55	615	610	597	
3 Years	288	22	36	64	579	565	563	
2 Years	32	2	44	56	566	538	543	
1 Year	12	1	33	67	632	661	596	
1/2 Year or Less	17	1	47	53	502	517	479	
No Response	242		52	48	594	582	576	
AP/Honors Courses	799	62	44	56	632	636	613	
Course Work or Experience								
Biology	1,285	98	44	56	604	599	585	
Chemistry	1,262	96	44	56	606	602	587	
Physics	949	72	49	51	614	617	597	
Geology, Earth, or Space Science	548	42	45	55	600	595	580	
Other Sciences	522	40	39	61	590	589	576	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	135	11	44	56	621	623	609	
4 Years	678	54	45	55	614	605	597	
3 Years	387	31	38	62	598	600	576	
2 Years	46	4	46	54	541	539	527	
1 Year	8	1	38	63	563	560	543	
1/2 Year or Less	10	1	50	50	490	510	465	
No Response	264		53	47	592	583	575	
AP/Honors Courses	842	67	43	57	629	625	610	
Course Work or Experience								
U.S. History	1,274	97	44	56	604	600	586	
World History or Cultures	1,115	85	44	56	604	599	585	
U.S. Government or Civics	847	65	44	56	603	595	584	
Economics	360	28	49	51	618	614	600	
Geography	542	41	46	54	607	607	590	
Psychology	536	41	39	61	618	613	602	
European History	331	25	46	54	626	611	606	
Sociology	126	10	33	67	577	554	559	
Ancient History	170	13	42	58	592	576	580	
Other Courses	241	18	38	62	605	591	589	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 17: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	126	10	41	59	614	615	604
4 Years	409	32	44	56	639	629	626
3 Years	287	23	43	57	610	605	590
2 Years	388	30	43	57	569	568	545
1 Year	40	3	50	50	595	587	583
1/2 Year or Less	24	2	33	67	506	545	504
No Response	254		52	48	597	589	578
AP/Honors Courses	502	39	41	59	642	638	631
Course Work or Experience							
Chinese	40	3	55	45	633	611	611
French	249	19	33	67	611	600	589
German	68	5	56	44	619	601	595
Greek	9	1	33	67	682	624	681
Hebrew	5	0	0	100	584	554	588
Italian	6	0	50	50	555	533	500
Japanese	21	2	38	62	559	592	545
Korean	1	0	100	0			
Latin	138	11	50	50	637	625	608
Russian	1	0	0	100			
Spanish	884	68	44	56	598	592	581
Other Languages	16	1	38	63	541	556	519

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 18: Arts and Music

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	83	10	35	65	606	596	585
4 Years	167	20	32	68	610	590	590
3 Years	99	12	34	66	553	568	547
2 Years	156	18	41	59	597	590	575
1 Year	256	30	53	47	611	612	589
1/2 Year or Less	84	10	43	57	584	595	575
No Response	683		48	52	610	603	593
AP/Honors Courses	174	21	38	62	625	628	607
Course Work or Experience							
Acting or Play Production	266	21	32	68	615	594	598
Art History or Appreciation	377	30	44	56	614	605	599
Dance	122	10	18	82	586	587	576
Drama: Study or Appreciation	221	18	31	69	600	579	580
Music: Study or Appreciation	260	21	42	58	605	587	583
Music Performance	612	49	38	62	607	598	588
Photography or Film	248	20	34	66	593	586	577
Studio Art and Design	311	25	34	66	600	593	586
None	117	9	59	41	600	607	582

SAT Subject Tests™ Data

Table 19: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
469	1,211	304	675	693	667

Students Who Took One or More Different SAT Subject Tests		
Number of Tests Taken	Number of Test-Takers	Percent of Total Test-Takers Who Took One or More Tests
1	34	7
2	196	42
3	185	39
4 or More	54	12

Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

Most, but not all, students who take SAT Subject Tests also take the SAT. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT scores for those students who also took the pre-March 2016 SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	140	655	96	91	691	78	656	86	681	73	
History and Social Studies											
U.S. History	162	659	105	112	684	87	687	84	675	84	
World History	27	684	94	19	744		734		715		
Mathematics											
Mathematics Level 1	135	639	100	71	648	99	659	93	640	100	
Mathematics Level 2	297	714	82	212	682	81	718	63	676	83	
Science											
Biology-E	80	650	100	53	663	87	683	84	660	85	
Biology-M	72	699	89	52	695	80	717	78	687	85	
Chemistry	119	666	95	94	677	90	713	72	674	89	
Physics	110	676	89	74	681	79	725	63	669	83	
Foreign and Classical Languages											
Chinese/Listening	6	688		4							
French	13	550		9	660		607		631		
French/Listening	3			1							
German	2										
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening	3			2							
Korean/Listening	2			2							
Latin	3			3							
Spanish	32	632	116	25	704	73	698	80	721	68	
Spanish/Listening	5	680		5	728		664		682		

SAT Subject Tests Score Distributions

Table 21: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	24	17	33	20	8	30
700-740	36	26	46	28	5	19
650-690	26	19	22	14	6	22
600-640	22	16	23	14	2	7
550-590	17	12	17	10	3	11
500-540	5	4	9	6	3	11
450-490	3	2	2	1		
400-440	4	3	2	1		
350-390	3	2	7	4		
300-340						
250-290			1	1		
200-240						
Total	140		162		27	
Mean	655		659		684	
SD	96		105		94	
75th percentile	720		740		760	
50th percentile	680		680		680	
25th percentile	600		610		560	

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	19	14	138	46	14	18	29	40	34	29	27	25
700-740	24	18	49	16	23	29	11	15	19	16	22	20
650-690	30	22	51	17	8	10	15	21	22	18	23	21
600-640	16	12	26	9	14	18	9	13	13	11	18	16
550-590	23	17	24	8	9	11	6	8	18	15	9	8
500-540	8	6	7	2	6	8			7	6	7	6
450-490	10	7	2	1	2	3			4	3	3	3
400-440	4	3			4	5	1	1	2	2	1	1
350-390	1	1					1	1				
300-340												
250-290												
200-240												
Total	135		297		80		72		119		110	
Mean	639		714		650		699		666		676	
SD	100		82		100		89		95		89	
75th percentile	720		790		730		770		750		740	
50th percentile	660		730		660		710		670		690	
25th percentile	570		660		580		650		590		620	

SAT Subject Tests Score Distributions

Table 23: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	2	33					1	50				
700-740	1	17			1	33						
650-690	2	33										
600-640			3	23	1	33						
550-590			5	38								
500-540			2	15			1	50				
450-490	1	17	3	23								
400-440					1	33						
350-390												
300-340												
250-290												
200-240												
Total	6		13		3		2					
Mean	688		550									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 24: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			1	33	2	100			6	19	2	40
700-740							1	33	9	28		
650-690			1	33			1	33			1	20
600-640							1	33	6	19		
550-590									4	13	2	40
500-540									1	3		
450-490									3	9		
400-440			1	33					3	9		
350-390												
300-340												
250-290												
200-240												
Total			3		2		3		32		5	
Mean									632		680	
SD									116			
75th percentile									730			
50th percentile									630			
25th percentile									550			

College Plans

Table 25: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	8	1	564	513	523
Architecture and Related Services	17	1	558	558	553
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	142	11	614	620	595
Business Management, Marketing, and Related Support Services	123	9	571	576	560
Communication, Journalism and Related Programs	24	2	616	572	592
Computer and Information Sciences and Support Services	64	5	635	644	606
Construction Trades	0	0			
Education	33	2	577	559	570
Engineering	219	16	624	654	599
Engineering Technologies/Technicians	9	1	550	569	530
English Language and Literature/Letters	27	2	674	609	646
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	21	2	624	569	606
Health Professions and Related Clinical Services	219	16	587	590	574
History	18	1	630	572	581
Legal Professions and Studies	41	3	573	545	556
Liberal Arts and Sciences, General Studies, and Humanities	11	1	600	556	583
Library Science And Administration	0	0			
Mathematics and Statistics	15	1	648	695	651
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	10	1	579	572	566
Multi/Interdisciplinary Studies	21	2	664	650	627
Natural Resources and Conservation	3	0			
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services	1	0			
Philosophy and Religious Studies	2	0			
Physical Sciences	41	3	630	648	604
Precision Production	0	0			
Psychology	42	3	603	574	585
Public Administration and Social Services Professions	4	0			
Security and Protective Services	16	1	524	498	519
Social Sciences	38	3	673	634	657
Theology and Religious Vocations	6	0	650	668	627
Transportation and Materials Moving	0	0			
Visual and Performing Arts	78	6	602	577	586
Other	12	1	586	553	562
Undecided	74	5	630	618	620
Degree-Level Goal					
Certificate Program	1	0			
Associate Degree	2	0			
Bachelor's Degree	220	16	564	544	540
Master's Degree	435	32	599	597	581
Doctoral or Related Degree	563	42	623	623	604
Other	4	0			
Undecided	131	10	609	604	603

College Plans

Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 1,693 students from your state who took the SAT and/or an SAT Subject Test, 1,174 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 565 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Kentucky	KY	Public	403	34.3
University of Louisville	KY	Public	234	19.9
NMSC Scholarship Admin	IL	Scholarship	229	19.5
Vanderbilt University	TN	Private	191	16.3
Duke University Talent Identification Program	NC	Scholarship	120	10.2
Harvard College	MA	Private	117	10.0
Western Kentucky University	KY	Public	114	9.7
Stanford University	CA	Private	108	9.2
Princeton University	NJ	Private	104	8.9
Centre College	KY	Private	101	8.6
Massachusetts Institute of Technology	MA	Private	98	8.3
Yale University	CT	Private	94	8.0
Purdue University	IN	Public	91	7.8
University of Cincinnati	OH	Public	90	7.7
University of Chicago	IL	Private	86	7.3
University of Pennsylvania	PA	Private	83	7.1
Cornell University	NY	Private	80	6.8
Bellarmine University	KY	Private	78	6.6
Duke University	NC	Private	78	6.6
Columbia University	NY	Private	77	6.6
Washington University in St. Louis	MO	Private	77	6.6
Ohio State University: Columbus Campus	OH	Public	71	6.0
Northwestern University	IL	Private	71	6.0
University of Michigan	MI	Public	69	5.9
Eastern Kentucky University	KY	Public	58	4.9
Brown University	RI	Private	58	4.9
University of Virginia	VA	Public	58	4.9
Indiana University Bloomington	IN	Public	58	4.9
Northern Kentucky University	KY	Public	58	4.9
Transylvania University	KY	Private	55	4.7
Johns Hopkins University	MD	Private	54	4.6
Georgia Institute of Technology	GA	Public	53	4.5
Miami University: Oxford	OH	Public	50	4.3
Georgetown University	DC	Private	48	4.1
Case Western Reserve University	OH	Private	47	4.0
Dartmouth College	NH	Private	46	3.9
Carnegie Mellon University	PA	Private	45	3.8
Murray State University	KY	Public	43	3.7
Rice University	TX	Private	43	3.7
New York University	NY	Private	43	3.7
University of North Carolina at Chapel Hill	NC	Public	42	3.6
University of Southern California	CA	Private	41	3.5
University of California: Berkeley	CA	Public	41	3.5
University of Notre Dame	IN	Private	40	3.4
Emory University	GA	Private	38	3.2

*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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