

SAT[®]

2016 College-Bound Seniors

State Profile Report



TENNESSEE

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	3,841	586	104	582	109	571	104	58.1	10.7	7.3	1.5

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	1,853	590	104	601	111	566	104	58.0	10.7	7.1	1.5
Female	1,988	582	103	563	104	574	104	58.2	10.7	7.5	1.4

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)	1,703	580	107	571	112	559	105	57.0	11.0	7.3	1.5
Junior (2014-2015)	2,060	594	101	592	105	582	101	59.2	10.3	7.4	1.5
Sophomore (2013-2014)	66	536	97	552	104	522	105	53.5	10.1	6.8	1.7
Freshman (2012-2013)	12	477		454		473		49.2		6.0	
Total	3,841	586	104	582	109	571	104	58.1	10.7	7.3	1.5

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	660	660	650	570	590	560
50th	590	580	570	490	500	480
25th	520	500	500	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	297	285	582	389	202	591	202	241	443
600-690	650	644	1,294	619	582	1,201	549	619	1,168
500-590	562	672	1,234	517	692	1,209	634	685	1,319
400-490	276	297	573	262	394	656	371	356	727
300-390	59	80	139	56	111	167	87	74	161
200-290	9	10	19	10	7	17	10	13	23

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,598	44	44	56	591	588	571
Religiously Affiliated	728	20	43	57	566	557	553
Independent	1,347	37	57	43	595	595	585
Other or Unknown	168		40	60	554	512	527

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	14	0	556		546		531	
Asian or Asian American	390	10	588	118	652	110	591	115
Black or African American	302	8	514	108	500	102	501	102
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	156	4	555	98	537	107	532	102
White	2,765	72	596	97	585	101	579	97
Two or More Races, non-Hispanic	51	1	613	121	564	128	572	127
Other	36	1	582	114	567	123	588	118
No Response	126	3	562	119	554	110	535	121
Total	3,841	100	586	104	582	109	571	104

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	8	0	528		524		488	
Asian or Asian American	201	5	594	116	675	105	592	115
Black or African American	141	4	517	111	512	110	491	100
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	69	2	566	97	564	107	533	103
White	1,331	35	599	98	603	102	574	97
Two or More Races, non-Hispanic	24	1	619		585		572	
Other	14	0	619		629		632	
No Response	65	2	576	107	574	116	532	108
Total	1,853	48	590	104	601	111	566	104

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	6	0	595		575		588	
Asian or Asian American	189	5	583	119	628	110	590	115
Black or African American	161	4	511	105	489	93	510	102
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	87	2	546	98	515	102	532	100
White	1,434	37	593	95	568	97	584	98
Two or More Races, non-Hispanic	27	1	607	113	545	117	573	115
Other	22	1	559		528		560	
No Response	61	2	547	128	533	100	538	134
Total	1,988	52	582	103	563	104	574	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	3,841	100	586	104	582	109	571	104
First Language Learned								
English	3,293	87	589	100	578	105	572	100
English and Another	291	8	585	115	590	126	571	122
Another Language	220	6	547	121	628	121	553	122
No Response	37		551	152	570	125	538	158
Citizenship								
U.S. Citizen / U.S. National	3,619	95	590	102	580	107	573	102
U.S. Permanent Resident or Refugee	72	2	578	109	624	120	578	119
Citizen of Another Country	104	3	521	106	635	115	530	109
Other, Unknown, or No Response	46		453	123	537	145	448	130
Plans to Apply for Financial Aid								
Yes	2,389	71	589	104	579	108	570	104
No	374	11	580	94	593	103	568	94
Don't Know	582	17	586	103	584	108	575	104
No Response	496		575	111	581	116	568	111
Family Income								
Less than \$20,000	103	4	522	118	515	111	510	113
About \$20,000 to \$40,000	191	8	545	103	534	115	522	100
About \$40,001 to \$60,000	280	11	570	101	542	106	545	94
About \$60,001 to \$80,000	304	12	567	104	558	113	549	99
About \$80,001 to \$100,000	336	13	588	102	584	104	568	106
About \$100,001 to \$140,000	481	19	588	97	579	101	571	95
About \$140,001 to \$200,000	316	13	591	106	588	107	581	108
More than \$200,000	495	20	602	89	603	95	592	92
No Response	1,335		596	107	598	109	582	108
Highest Level of Parental Education								
No High School Diploma	39	1	503	112	531	130	479	102
High School Diploma	410	11	536	103	532	114	524	103
Associate Degree	169	5	536	98	527	108	510	95
Bachelor's Degree	1,338	37	577	98	570	103	562	99
Graduate Degree	1,700	46	614	98	610	102	598	97
No Response	185		565	122	576	116	551	134
Took the PSAT/NMSQT®								
Yes, As a Junior	629	22	598	97	599	102	582	97
Yes, As a Sophomore or Younger	493	17	581	102	585	107	575	103
Yes, As a Junior and As a Sophomore or Younger	1,413	49	617	91	616	96	606	91
No	325	11	531	104	518	105	508	100
No Response	981		554	110	540	109	530	106

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	1,006	57	48	52	635	639	621
Second Tenth	410	23	51	49	575	578	562
Second Fifth	213	12	51	49	544	539	525
Final Three Fifths	135	8	50	50	501	496	486
No Response	2,077		47	53	574	564	558

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)	767	21	44	56	643	643	630
A (93–96)	1,259	34	44	56	607	602	594
A- (90–92)	748	20	49	51	574	573	557
B (80–89)	897	24	56	44	532	522	513
C (70–79)	67	2	66	34	492	470	472
D, E, or F (below 70)	2	0	50	50			
No Response	101		52	48	526	531	507
Mean Grade Point Average	All Students: 3.76		Male: 3.71		Female: 3.82		

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	2.2	2.6	2.4	3.92	3.96	3.94
English and Language Arts	3.9	4.0	4.0	3.65	3.80	3.73
Foreign and Classical Languages	3.0	3.1	3.1	3.62	3.78	3.70
Mathematics	4.1	4.1	4.1	3.63	3.68	3.66
Natural Sciences	3.8	3.8	3.8	3.67	3.70	3.69
Social Sciences and History	3.6	3.6	3.6	3.70	3.77	3.74
Total for All Subjects	20.6	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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	352	11	47	53	602	598	590	
4 Years	2,555	80	47	53	595	589	578	
3 Years	185	6	51	49	539	534	522	
2 Years	50	2	42	58	535	547	514	
1 Year	20	1	60	40	553	563	526	
1/2 Year or Less	33	1	58	42	486	498	456	
No Response	646		53	47	564	566	556	
AP@/Honors Courses	2,059	64	45	55	618	613	601	
Course Work or Experience								
English/Language Arts	3,088	96	47	53	590	581	572	
Journalism	236	7	29	71	592	564	575	
Creative Writing	610	19	40	60	584	554	563	
American Literature	2,002	62	50	50	593	586	576	
Composition/Writing	1,469	46	46	54	585	577	569	
British Literature	1,144	36	48	52	595	583	578	
World Literature	1,014	32	52	48	593	585	575	
Communications	132	4	45	55	538	529	533	
Public Speaking	567	18	42	58	573	555	558	
English As Second Language	87	3	45	55	494	566	504	
Mathematics								
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	872	26	50	50	618	625	603	
4 Years	2,145	64	46	54	587	576	570	
3 Years	198	6	53	47	527	520	508	
2 Years	46	1	48	52	534	529	523	
1 Year	19	1	63	37	542	554	507	
1/2 Year or Less	47	1	47	53	487	490	462	
No Response	514		54	46	566	570	561	
AP/Honors Courses	2,120	64	48	52	616	623	600	
Highest Level of Mathematics Achieved*								
Calculus	1,776	53	53	47	622	637	608	
Pre-calculus	813	24	42	58	566	542	543	
Geometry	717	22	39	61	528	491	510	
Algebra II	14	0	50	50	504	504	489	
Algebra I	6	0	67	33	393	435	425	

*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	528	17	55	45	619	632	604	
4 Years	1,808	57	46	54	597	591	580	
3 Years	669	21	43	57	566	545	546	
2 Years	92	3	58	42	530	525	511	
1 Year	32	1	56	44	563	586	552	
1/2 Year or Less	49	2	53	47	503	504	481	
No Response	663		52	48	566	566	558	
AP/Honors Courses	1,916	60	47	53	620	622	604	
Course Work or Experience								
Biology	3,204	98	47	53	588	582	571	
Chemistry	3,186	98	47	53	589	584	572	
Physics	2,241	69	53	47	600	604	583	
Geology, Earth, or Space Science	863	26	45	55	572	560	555	
Other Sciences	1,393	43	44	56	571	556	553	

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	324	10	49	51	613	607	597	
4 Years	1,621	51	46	54	597	587	580	
3 Years	985	31	46	54	585	583	569	
2 Years	139	4	50	50	532	544	525	
1 Year	48	2	52	48	569	554	533	
1/2 Year or Less	39	1	49	51	484	504	455	
No Response	685		54	46	567	568	558	
AP/Honors Courses	1,852	59	47	53	623	619	607	
Course Work or Experience								
U.S. History	3,080	95	47	53	590	583	572	
World History or Cultures	2,437	75	47	53	588	580	571	
U.S. Government or Civics	2,099	65	45	55	589	581	571	
Economics	1,942	60	48	52	587	583	569	
Geography	949	29	45	55	568	563	552	
Psychology	977	30	38	62	592	579	576	
European History	1,035	32	54	46	618	613	604	
Sociology	296	9	36	64	546	529	531	
Ancient History	541	17	52	48	588	580	571	
Other Courses	545	17	44	56	594	581	576	

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	384	12	45	55	624	621	615
4 Years	839	26	44	56	622	615	610
3 Years	850	27	47	53	596	591	579
2 Years	898	28	51	49	554	544	531
1 Year	138	4	44	56	537	545	519
1/2 Year or Less	59	2	42	58	496	515	476
No Response	673		54	46	566	569	556
AP/Honors Courses	1,410	45	46	54	628	627	615
Course Work or Experience							
Chinese	137	4	46	54	608	603	588
French	601	19	35	65	599	584	580
German	162	5	65	35	613	596	585
Greek	29	1	59	41	618	594	618
Hebrew	8	0	63	38	620	564	584
Italian	28	1	50	50	590	583	570
Japanese	22	1	73	27	624	590	577
Korean	2	0	0	100			
Latin	615	19	58	42	626	621	608
Russian	4	0	50	50			
Spanish	1,975	61	47	53	574	570	560
Other Languages	47	1	36	64	543	543	529

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	202	10	41	59	603	587	584
4 Years	402	20	40	60	597	578	577
3 Years	244	12	41	59	575	568	559
2 Years	403	20	49	51	574	564	560
1 Year	545	28	55	45	586	586	563
1/2 Year or Less	173	9	51	49	574	566	548
No Response	1,872		49	51	587	588	576
AP/Honors Courses	369	19	41	59	617	603	594
Course Work or Experience							
Acting or Play Production	805	26	38	62	601	577	582
Art History or Appreciation	643	21	39	61	584	569	566
Dance	394	13	13	87	589	562	573
Drama: Study or Appreciation	675	22	35	65	588	567	571
Music: Study or Appreciation	630	20	51	49	591	575	573
Music Performance	1,541	49	47	53	603	594	588
Photography or Film	619	20	43	57	585	570	569
Studio Art and Design	971	31	38	62	591	581	576
None	176	6	56	44	554	563	537

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
1,038	2,738	776	666	686	657

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	79	8
2	440	42
3	370	36
4 or More	149	14

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	293	653	103	210	682	74	661	79	679	76	
History and Social Studies											
U.S. History	372	660	90	302	676	76	675	79	672	83	
World History	93	663	93	74	687	70	674	71	662	76	
Mathematics											
Mathematics Level 1	293	643	101	191	646	85	667	82	636	93	
Mathematics Level 2	659	707	85	521	671	77	712	64	665	79	
Science											
Biology-E	114	658	103	73	667	94	691	70	660	87	
Biology-M	156	677	80	124	668	83	696	78	654	86	
Chemistry	328	682	92	263	675	80	713	70	668	82	
Physics	221	677	84	179	662	91	729	63	656	87	
Foreign and Classical Languages											
Chinese/Listening	7	756		7	673		744		713		
French	36	599	108	28	688	70	681	73	687	74	
French/Listening	4			3							
German	4			3							
German/Listening	3			2							
Modern Hebrew											
Italian	2			2							
Japanese/Listening	4			3							
Korean/Listening	4			3							
Latin	40	666	97	35	665	76	680	72	678	78	
Spanish	93	662	98	76	675	66	686	74	684	71	
Spanish/Listening	12	649		10	678		657		715		

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	50	17	66	18	22	24
700-740	71	24	77	21	19	20
650-690	59	20	86	23	14	15
600-640	50	17	73	20	11	12
550-590	26	9	29	8	18	19
500-540	9	3	20	5	5	5
450-490	11	4	11	3	3	3
400-440	8	3	5	1	1	1
350-390	6	2	2	1		
300-340	2	1	3	1		
250-290	1	0				
200-240						
Total	293		372		93	
Mean	653		660		663	
SD	103		90		93	
75th percentile	720		730		740	
50th percentile	680		670		670	
25th percentile	610		620		580	

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	44	15	284	43	24	21	36	23	98	30	54	24
700-740	68	23	115	17	23	20	33	21	70	21	42	19
650-690	45	15	105	16	22	19	42	27	57	17	53	24
600-640	48	16	79	12	20	18	17	11	47	14	38	17
550-590	33	11	49	7	11	10	20	13	29	9	14	6
500-540	29	10	17	3	5	4	6	4	12	4	12	5
450-490	12	4	5	1	3	3	1	1	12	4	7	3
400-440	11	4	3	0	3	3	1	1	3	1	1	0
350-390	2	1			2	2						
300-340	1	0	2	0								
250-290					1	1						
200-240												
Total	293		659		114		156		328		221	
Mean	643		707		658		677		682		677	
SD	101		85		103		80		92		84	
75th percentile	720		780		730		740		760		740	
50th percentile	660		720		670		680		700		690	
25th percentile	570		650		600		620		620		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	6	86	3	8			1	25				
700-740			5	14			1	25				
650-690			5	14	2	50						
600-640			4	11	1	25			1	33		
550-590	1	14	7	19								
500-540			6	17			1	25	2	67		
450-490			4	11								
400-440			1	3			1	25				
350-390					1	25						
300-340			1	3								
250-290												
200-240												
Total	7		36		4		4		3			
Mean	756		599									
SD			108									
75th percentile			660									
50th percentile			580									
25th percentile			510									

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	50	1	25	3	75	10	25	19	20	2	17
700-740							8	20	23	25	3	25
650-690	1	50	2	50			9	23	15	16	3	25
600-640							5	13	12	13	1	8
550-590					1	25	2	5	11	12		
500-540							3	8	6	6	1	8
450-490			1	25			1	3	4	4	1	8
400-440							2	5	3	3	1	8
350-390												
300-340												
250-290												
200-240												
Total	2		4		4		40		93		12	
Mean							666		662		649	
SD							97		98			
75th percentile							740		730			
50th percentile							670		680			
25th percentile							610		590			

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	20	1	534	540	524
Architecture and Related Services	41	1	554	566	533
Area, Ethnic, Cultural and Gender Studies	5	0	648	626	612
Biological and Biomedical Sciences	285	9	610	611	597
Business Management, Marketing, and Related Support Services	414	12	566	578	557
Communication, Journalism and Related Programs	93	3	598	564	588
Computer and Information Sciences and Support Services	99	3	609	616	582
Construction Trades	0	0			
Education	98	3	548	527	541
Engineering	532	16	603	633	579
Engineering Technologies/Technicians	26	1	570	609	547
English Language and Literature/Letters	67	2	645	576	619
Family and Consumer Sciences/Human Sciences	6	0	525	580	547
Foreign Languages, Literatures, and Linguistics	37	1	620	586	615
Health Professions and Related Clinical Services	551	16	567	567	559
History	36	1	624	546	554
Legal Professions and Studies	85	3	593	553	560
Liberal Arts and Sciences, General Studies, and Humanities	25	1	644	611	637
Library Science And Administration	1	0			
Mathematics and Statistics	44	1	618	669	613
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	12	0	598	583	547
Multi/Interdisciplinary Studies	44	1	640	648	633
Natural Resources and Conservation	15	0	598	559	580
Parks, Recreation, Leisure and Fitness Studies	18	1	501	499	487
Personal and Culinary Services	4	0			
Philosophy and Religious Studies	12	0	613	580	573
Physical Sciences	61	2	634	640	615
Precision Production	0	0			
Psychology	98	3	577	540	560
Public Administration and Social Services Professions	5	0	646	532	598
Security and Protective Services	32	1	538	520	517
Social Sciences	100	3	655	602	625
Theology and Religious Vocations	8	0	591	526	565
Transportation and Materials Moving	0	0			
Visual and Performing Arts	217	6	582	552	573
Other	27	1	541	527	536
Undecided	221	7	621	612	610
Degree-Level Goal					
Certificate Program	10	0	538	519	514
Associate Degree	5	0	538	456	498
Bachelor's Degree	649	19	550	538	535
Master's Degree	1,129	33	586	581	568
Doctoral or Related Degree	1,190	35	611	609	594
Other	2	0			
Undecided	405	12	589	586	576

College Plans

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

Of the 4,103 students from your state who took the SAT and/or an SAT Subject Test, 2,625 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 843 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Tennessee: Knoxville	TN	Public	715	27.2
Vanderbilt University	TN	Private	490	18.7
NMSC Scholarship Admin	IL	Scholarship	348	13.3
Duke University Talent Identification Program	NC	Scholarship	299	11.4
Stanford University	CA	Private	234	8.9
Georgia Institute of Technology	GA	Public	230	8.8
University of Tennessee: Chattanooga	TN	Public	215	8.2
Harvard College	MA	Private	204	7.8
Washington University in St. Louis	MO	Private	188	7.2
Princeton University	NJ	Private	184	7.0
University of Alabama	AL	Public	183	7.0
Massachusetts Institute of Technology	MA	Private	175	6.7
Duke University	NC	Private	173	6.6
Yale University	CT	Private	164	6.2
Cornell University	NY	Private	163	6.2
University of Virginia	VA	Public	161	6.1
University of North Carolina at Chapel Hill	NC	Public	159	6.1
Middle Tennessee State University	TN	Public	157	6.0
University of Memphis	TN	Public	156	5.9
Auburn University	AL	Public	155	5.9
University of Chicago	IL	Private	152	5.8
University of Pennsylvania	PA	Private	149	5.7
Belmont University	TN	Private	148	5.6
Emory University	GA	Private	147	5.6
Northwestern University	IL	Private	138	5.3
University of California: Berkeley	CA	Public	131	5.0
Columbia University	NY	Private	128	4.9
University of Southern California	CA	Private	124	4.7
University of Georgia	GA	Public	118	4.5
University of Michigan	MI	Public	116	4.4
Clemson University	SC	Public	114	4.3
East Tennessee State University	TN	Public	112	4.3
Johns Hopkins University	MD	Private	111	4.2
Purdue University	IN	Public	111	4.2
New York University	NY	Private	109	4.2
Rice University	TX	Private	107	4.1
Tennessee Technological University	TN	Public	106	4.0
University of Mississippi	MS	Public	106	4.0
Georgetown University	DC	Private	105	4.0
University of California: Los Angeles	CA	Public	105	4.0
Rhodes College	TN	Private	103	3.9
Dartmouth College	NH	Private	103	3.9
Brown University	RI	Private	102	3.9
University of South Carolina: Columbia	SC	Public	96	3.7
Carnegie Mellon University	PA	Private	95	3.6

*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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