

SAT[®]

2016 College-Bound Seniors

State Profile Report



MISSOURI

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	2,024	605	112	608	114	589	112	59.5	11.4	7.6	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	995	610	115	628	112	586	115	59.6	11.7	7.4	1.6
Female	1,029	600	108	589	112	591	109	59.4	11.1	7.8	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)	969	593	121	597	122	573	120	57.9	12.2	7.5	1.6
Junior (2014-2015)	1,018	619	100	621	104	606	100	61.3	10.2	7.7	1.4
Sophomore (2013-2014)	32	547	116	577	116	531	117	54.4	11.6	6.8	1.9
Freshman (2012-2013)	5	494		544		532		54.6		7.0	
Total	2,024	605	112	608	114	589	112	59.5	11.4	7.6	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	680	690	670	570	590	560
50th	620	620	600	490	500	480
25th	530	530	520	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	254	212	466	301	195	496	166	180	346
600-690	338	331	669	342	317	659	331	339	670
500-590	252	309	561	228	297	525	287	306	593
400-490	107	149	256	90	173	263	157	162	319
300-390	29	24	53	31	41	72	35	36	71
200-290	15	4	19	3	6	9	19	6	25

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,027	53	46	54	608	610	587
Religiously Affiliated	534	28	53	47	591	594	580
Independent	378	19	53	47	620	633	610
Other or Unknown	85		47	53	598	570	570

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	11	1	544		524		539	
Asian or Asian American	294	15	597	143	676	113	604	143
Black or African American	137	7	530	104	514	112	503	109
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	103	5	567	113	569	110	544	115
White	1,341	66	620	99	609	105	599	98
Two or More Races, non-Hispanic	40	2	602	110	560	107	576	128
Other	17	1	654		635		627	
No Response	80	4	573	122	595	113	566	119
Total	2,024	100	605	112	608	114	589	112

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	6	0	595		573		578	
Asian or Asian American	144	7	589	155	678	116	583	154
Black or African American	50	2	534	119	517	112	492	125
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	57	3	561	111	579	111	539	108
White	667	33	627	98	633	103	601	98
Two or More Races, non-Hispanic	20	1	615		578		561	
Other	9	0	659		663		623	
No Response	41	2	560	134	615	125	548	129
Total	995	49	610	115	628	112	586	115

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	5	0	482		464		492	
Asian or Asian American	150	7	604	131	674	110	623	128
Black or African American	87	4	528	94	512	112	509	98
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	46	2	575	114	556	106	550	124
White	674	33	612	99	586	102	598	98
Two or More Races, non-Hispanic	20	1	590		543		591	
Other	8	0	649		603		631	
No Response	39	2	586	107	573	94	584	105
Total	1,029	51	600	108	589	112	591	109

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	2,024	100	605	112	608	114	589	112
First Language Learned								
English	1,623	81	612	103	601	110	591	103
English and Another	184	9	608	123	633	125	602	128
Another Language	187	9	543	146	647	128	561	152
No Response	30		583	134	624	94	580	122
Citizenship								
U.S. Citizen / U.S. National	1,824	92	615	103	606	111	595	106
U.S. Permanent Resident or Refugee	37	2	633	129	659	136	635	116
Citizen of Another Country	124	6	490	130	620	129	503	143
Other, Unknown, or No Response	39		500	144	628	142	528	139
Plans to Apply for Financial Aid								
Yes	1,192	70	606	106	600	112	587	108
No	191	11	617	118	625	115	600	111
Don't Know	319	19	606	121	634	110	595	121
No Response	322		595	119	604	118	584	118
Family Income								
Less than \$20,000	64	5	520	106	521	116	499	114
About \$20,000 to \$40,000	109	8	563	106	561	110	539	104
About \$40,001 to \$60,000	123	9	596	109	586	119	573	116
About \$60,001 to \$80,000	128	10	570	113	573	116	561	105
About \$80,001 to \$100,000	203	15	596	102	601	110	579	105
About \$100,001 to \$140,000	254	19	626	100	620	106	604	102
About \$140,001 to \$200,000	171	13	623	102	624	110	599	111
More than \$200,000	265	20	640	100	634	100	627	95
No Response	707		605	118	619	114	593	116
Highest Level of Parental Education								
No High School Diploma	21	1	461		521		450	
High School Diploma	199	10	532	112	549	118	517	115
Associate Degree	71	4	529	100	523	116	509	98
Bachelor's Degree	667	34	597	103	600	109	578	103
Graduate Degree	983	51	638	100	635	105	623	99
No Response	83		554	136	603	119	545	139
Took the PSAT/NMSQT®								
Yes, As a Junior	470	33	621	104	630	103	607	101
Yes, As a Sophomore or Younger	227	16	596	102	604	106	579	104
Yes, As a Junior and As a Sophomore or Younger	535	38	645	93	647	95	635	91
No	184	13	553	95	559	110	538	105
No Response	608		577	125	575	125	553	122

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	634	67	51	49	646	659	633
Second Tenth	184	19	54	46	561	568	535
Second Fifth	77	8	56	44	517	521	504
Final Three Fifths	53	6	49	51	473	463	450
No Response	1,076		46	54	601	599	585

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)	436	23	48	52	665	670	649
A (93–96)	684	35	44	56	626	632	614
A- (90–92)	383	20	47	53	596	596	581
B (80–89)	400	21	58	42	532	533	509
C (70–79)	27	1	70	30	416	410	389
D, E, or F (below 70)	4	0	100	0			
No Response	90		57	43	579	579	550
Mean Grade Point Average	All Students: 3.80		Male: 3.74		Female: 3.85		

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	2.5	3.0	2.7	3.91	3.97	3.94
English and Language Arts	3.9	4.0	4.0	3.66	3.85	3.76
Foreign and Classical Languages	3.2	3.4	3.3	3.68	3.82	3.75
Mathematics	4.1	4.1	4.1	3.62	3.64	3.63
Natural Sciences	3.9	3.9	3.9	3.72	3.77	3.75
Social Sciences and History	3.7	3.8	3.8	3.71	3.83	3.77
Total for All Subjects	21.3	22.2	21.8			

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	243	15	45	55	629	635	615
4 Years	1,246	76	49	51	616	612	595
3 Years	77	5	52	48	540	541	524
2 Years	30	2	60	40	551	597	554
1 Year	17	1	65	35	538	594	515
1/2 Year or Less	21	1	57	43	495	542	463
No Response	390		49	51	584	598	577
AP®/Honors Courses	955	58	46	54	642	637	623
Course Work or Experience							
English/Language Arts	1,538	96	49	51	609	607	590
Journalism	177	11	34	66	606	589	596
Creative Writing	343	21	46	54	599	594	583
American Literature	966	60	46	54	611	609	595
Composition/Writing	874	55	49	51	607	604	592
British Literature	367	23	39	61	606	598	592
World Literature	500	31	47	53	612	601	594
Communications	163	10	50	50	569	580	566
Public Speaking	526	33	46	54	611	608	591
English As Second Language	80	5	50	50	496	627	517

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	514	30	51	49	633	656	618
4 Years	1,024	60	49	51	610	601	590
3 Years	101	6	52	48	530	513	506
2 Years	33	2	58	42	588	588	561
1 Year	11	1	45	55	540	621	530
1/2 Year or Less	31	2	29	71	471	493	473
No Response	310		49	51	586	600	580
AP/Honors Courses	1,074	63	52	48	640	652	622
Highest Level of Mathematics Achieved*							
Calculus	1,027	61	54	46	644	663	628
Pre-calculus	329	20	41	59	578	562	557
Geometry	300	18	40	60	524	483	502
Algebra II	14	1	43	57	505	500	465
Algebra I	4	0	25	75			

*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	348	21	51	49	644	666	629	
4 Years	898	55	49	51	614	610	595	
3 Years	288	18	48	52	575	557	550	
2 Years	49	3	57	43	582	582	568	
1 Year	25	2	40	60	547	577	541	
1/2 Year or Less	22	1	55	45	483	523	460	
No Response	394		49	51	587	602	579	
AP/Honors Courses	924	57	50	50	645	650	627	
Course Work or Experience								
Biology	1,593	98	48	52	609	609	590	
Chemistry	1,542	94	49	51	611	614	593	
Physics	1,249	76	53	47	621	630	603	
Geology, Earth, or Space Science	459	28	44	56	588	578	569	
Other Sciences	724	44	40	60	594	592	580	

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	220	14	49	51	621	633	610	
4 Years	934	57	49	51	619	612	602	
3 Years	381	23	49	51	594	598	569	
2 Years	47	3	43	57	566	577	551	
1 Year	23	1	65	35	498	566	497	
1/2 Year or Less	20	1	50	50	485	532	461	
No Response	399		51	49	592	606	582	
AP/Honors Courses	920	57	47	53	642	637	624	
Course Work or Experience								
U.S. History	1,563	96	49	51	609	610	591	
World History or Cultures	1,342	83	49	51	610	609	592	
U.S. Government or Civics	1,288	79	49	51	606	605	587	
Economics	419	26	58	42	603	614	589	
Geography	335	21	43	57	575	584	560	
Psychology	636	39	37	63	616	610	595	
European History	443	27	50	50	625	616	608	
Sociology	207	13	41	59	574	574	546	
Ancient History	309	19	54	46	623	613	607	
Other Courses	312	19	44	56	610	608	594	

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	271	17	45	55	646	651	625
4 Years	615	38	47	53	634	631	622
3 Years	276	17	49	51	603	603	581
2 Years	363	22	52	48	581	573	553
1 Year	48	3	56	44	503	535	502
1/2 Year or Less	59	4	59	41	476	533	465
No Response	392		51	49	588	602	580
AP/Honors Courses	558	34	48	52	657	655	643
Course Work or Experience							
Chinese	97	6	52	48	591	641	587
French	384	24	36	64	624	608	606
German	116	7	57	43	607	626	593
Greek	46	3	67	33	694	660	673
Hebrew	9	1	11	89	516	498	517
Italian	11	1	27	73	656	641	630
Japanese	25	2	44	56	625	610	614
Korean	4	0	25	75			
Latin	190	12	66	34	659	643	631
Russian	10	1	80	20	622	622	580
Spanish	959	59	51	49	607	607	587
Other Languages	36	2	50	50	579	591	565

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	123	12	39	61	598	595	586
4 Years	302	29	45	55	619	609	600
3 Years	130	13	43	57	590	588	570
2 Years	186	18	58	42	592	603	570
1 Year	228	22	63	37	605	606	576
1/2 Year or Less	65	6	55	45	574	589	576
No Response	990		47	53	609	616	595
AP/Honors Courses	141	14	36	64	633	625	603
Course Work or Experience							
Acting or Play Production	459	29	40	60	624	606	603
Art History or Appreciation	324	20	57	43	601	598	585
Dance	203	13	17	83	601	592	589
Drama: Study or Appreciation	353	22	41	59	601	588	582
Music: Study or Appreciation	282	18	51	49	602	593	586
Music Performance	934	58	48	52	622	621	604
Photography or Film	351	22	43	57	603	599	592
Studio Art and Design	477	30	42	58	613	611	596
None	95	6	61	39	583	597	557

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
921	2,366	570	672	698	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	84	9
2	390	42
3	324	35
4 or More	123	13

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	266	648	92	170	685	75	678	76	682	72	
History and Social Studies											
U.S. History	228	647	98	151	678	80	674	79	666	84	
World History	66	653	100	42	691	82	668	87	670	85	
Mathematics											
Mathematics Level 1	203	650	92	105	646	90	669	71	639	85	
Mathematics Level 2	624	715	80	412	679	90	721	61	679	82	
Science											
Biology-E	165	671	93	106	687	86	702	74	671	80	
Biology-M	166	703	74	99	685	80	712	68	679	83	
Chemistry	319	697	83	217	672	96	725	60	676	86	
Physics	171	688	87	117	675	86	738	61	673	80	
Foreign and Classical Languages											
Chinese/Listening	13	741		13	652		752		698		
French	36	601	104	24	700		671		697		
French/Listening	4			3							
German	3			2							
German/Listening	2			1							
Modern Hebrew	1			1							
Italian	1										
Japanese/Listening	2			1							
Korean/Listening	2			2							
Latin	28	648	107	23	704		713		696		
Spanish	57	619	108	38	688	74	684	62	699	76	
Spanish/Listening	9	634		8	684		678		669		

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	30	11	38	17	14	21
700-740	66	25	50	22	10	15
650-690	61	23	42	18	12	18
600-640	44	17	37	16	9	14
550-590	25	9	28	12	11	17
500-540	20	8	14	6	6	9
450-490	13	5	8	4	2	3
400-440	5	2	8	4	2	3
350-390	1	0	3	1		
300-340	1	0				
250-290						
200-240						
Total	266		228		66	
Mean	648		647		653	
SD	92		98		100	
75th percentile	710		710		740	
50th percentile	660		660		650	
25th percentile	600		590		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	20	10	274	44	43	26	53	32	104	33	52	30
700-740	50	25	126	20	36	22	45	27	86	27	39	23
650-690	52	26	92	15	27	16	34	20	46	14	29	17
600-640	39	19	73	12	26	16	18	11	42	13	26	15
550-590	18	9	42	7	13	8	12	7	19	6	13	8
500-540	9	4	12	2	13	8	2	1	13	4	7	4
450-490	7	3	4	1	4	2			8	3	4	2
400-440	4	2	1	0	2	1	2	1	1	0	1	1
350-390	3	1			1	1						
300-340	1	0										
250-290												
200-240												
Total	203		624		165		166		319		171	
Mean	650		715		671		703		697		688	
SD	92		80		93		74		83		87	
75th percentile	720		790		750		760		760		750	
50th percentile	670		730		690		720		720		700	
25th percentile	610		660		620		660		640		630	

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	10	77	4	11	2	50					1	100
700-740	1	8	5	14	1	25						
650-690			4	11								
600-640			3	8			1	33				
550-590	1	8	6	17								
500-540			7	19	1	25	1	33				
450-490	1	8	7	19			1	33	1	50		
400-440												
350-390									1	50		
300-340												
250-290												
200-240												
Total	13		36		4		3		2		1	
Mean	741		601									
SD			104									
75th percentile			690									
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			2	100	2	100	5	18	8	14	2	22
700-740							9	32	8	14	2	22
650-690	1	100					1	4	9	16		
600-640							3	11	9	16	2	22
550-590							4	14	8	14		
500-540							4	14	7	12	2	22
450-490							1	4	5	9	1	11
400-440							1	4	1	2		
350-390									2	4		
300-340												
250-290												
200-240												
Total	1		2		2		28		57		9	
Mean							648		619		634	
SD							107		108			
75th percentile							730		700			
50th percentile							670		620			
25th percentile							550		540			

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	0	618	626	591
Architecture and Related Services	13	1	559	580	558
Area, Ethnic, Cultural and Gender Studies	5	0	618	540	602
Biological and Biomedical Sciences	169	10	609	622	600
Business Management, Marketing, and Related Support Services	191	11	575	599	568
Communication, Journalism and Related Programs	45	3	593	565	608
Computer and Information Sciences and Support Services	71	4	645	677	604
Construction Trades	0	0			
Education	41	2	550	529	535
Engineering	264	15	628	661	607
Engineering Technologies/Technicians	11	1	619	640	585
English Language and Literature/Letters	30	2	656	603	626
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	23	1	676	629	652
Health Professions and Related Clinical Services	222	13	586	591	575
History	15	1	602	561	595
Legal Professions and Studies	54	3	620	605	602
Liberal Arts and Sciences, General Studies, and Humanities	17	1	651	591	630
Library Science And Administration	1	0			
Mathematics and Statistics	29	2	629	679	611
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	5	0	540	526	500
Multi/Interdisciplinary Studies	29	2	641	613	634
Natural Resources and Conservation	5	0	606	562	646
Parks, Recreation, Leisure and Fitness Studies	4	0			
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	7	0	674	633	681
Physical Sciences	52	3	670	687	645
Precision Production	0	0			
Psychology	62	4	601	582	586
Public Administration and Social Services Professions	5	0	564	526	510
Security and Protective Services	26	1	507	485	483
Social Sciences	60	3	673	645	643
Theology and Religious Vocations	1	0			
Transportation and Materials Moving	2	0			
Visual and Performing Arts	118	7	597	573	573
Other	13	1	580	578	573
Undecided	131	8	636	641	628
Degree-Level Goal					
Certificate Program	9	1	531	584	512
Associate Degree	5	0	394	450	370
Bachelor's Degree	272	16	558	556	539
Master's Degree	546	32	600	603	586
Doctoral or Related Degree	656	38	633	635	614
Other	6	0	418	460	378
Undecided	232	13	619	623	603

College Plans

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

Of the 2,375 students from your state who took the SAT and/or an SAT Subject Test, 1,585 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 703 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NMSC Scholarship Admin	IL	Scholarship	346	21.8
Washington University in St. Louis	MO	Private	315	19.9
University of Missouri: Columbia	MO	Public	240	15.1
Stanford University	CA	Private	237	15.0
Harvard College	MA	Private	205	12.9
Northwestern University	IL	Private	197	12.4
Cornell University	NY	Private	170	10.7
Princeton University	NJ	Private	163	10.3
Vanderbilt University	TN	Private	158	10.0
Massachusetts Institute of Technology	MA	Private	157	9.9
Duke University Talent Identification Program	NC	Scholarship	148	9.3
Yale University	CT	Private	148	9.3
University of Chicago	IL	Private	146	9.2
University of Pennsylvania	PA	Private	143	9.0
University of California: Berkeley	CA	Public	138	8.7
University of Southern California	CA	Private	137	8.6
Columbia University	NY	Private	126	7.9
University of Michigan	MI	Public	122	7.7
Brown University	RI	Private	117	7.4
Duke University	NC	Private	113	7.1
Johns Hopkins University	MD	Private	112	7.1
Purdue University	IN	Public	106	6.7
Dartmouth College	NH	Private	103	6.5
Boston University	MA	Private	102	6.4
New York University	NY	Private	101	6.4
Missouri University of Science and Technology	MO	Public	100	6.3
Saint Louis University	MO	Private	100	6.3
Georgetown University	DC	Private	99	6.2
Carnegie Mellon University	PA	Private	90	5.7
Case Western Reserve University	OH	Private	88	5.6
University of Illinois at Urbana-Champaign	IL	Public	86	5.4
University of Virginia	VA	Public	85	5.4
Rice University	TX	Private	82	5.2
Georgia Institute of Technology	GA	Public	79	5.0
University of California: Los Angeles	CA	Public	78	4.9
University of Notre Dame	IN	Private	75	4.7
Truman State University	MO	Public	73	4.6
Emory University	GA	Private	68	4.3
University of Kansas	KS	Public	64	4.0
Boston College	MA	Private	64	4.0
University of North Carolina at Chapel Hill	NC	Public	63	4.0
California Institute of Technology	CA	Private	61	3.8
Tulane University	LA	Private	58	3.7
University of Washington	WA	Public	56	3.5
Missouri State University	MO	Public	56	3.5

*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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