

SAT[®]

2016 College-Bound Seniors

State Profile Report



UTAH

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	1,292	579	121	579	115	558	116	56.1	12.0	7.5	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	601	586	122	606	116	558	120	56.4	12.2	7.4	1.7
Female	691	572	119	556	110	559	113	55.9	11.7	7.7	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)	715	579	125	579	117	557	120	55.9	12.4	7.5	1.6
Junior (2014-2015)	561	580	115	581	113	562	110	56.5	11.4	7.6	1.5
Sophomore (2013-2014)	10	504		526		502		50.6		7.1	
Freshman (2012-2013)	6	532		550		488		50.5		6.2	
Total	1,292	579	121	579	115	558	116	56.1	12.0	7.5	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	670	670	640	570	590	560
50th	590	580	560	490	500	480
25th	500	500	480	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	117	105	222	138	71	209	74	85	159
600-690	189	189	378	197	187	384	165	167	332
500-590	175	218	393	163	236	399	183	246	429
400-490	69	131	200	72	147	219	120	141	261
300-390	36	37	73	27	41	68	47	43	90
200-290	15	11	26	4	9	13	12	9	21

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	720	58	48	52	603	599	578
Religiously Affiliated	308	25	45	55	530	560	525
Independent	223	18	45	55	569	548	542
Other or Unknown	41		41	59	570	556	552

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	8	1	521		483		484	
Asian or Asian American	171	13	516	147	609	115	519	142
Black or African American	33	3	481	118	466	105	466	112
Native Hawaiian or Pacific Islander	3	0						
Hispanic, Latino, or Latin American	99	8	534	91	525	115	520	99
White	830	64	605	108	591	110	580	106
Two or More Races, non-Hispanic	30	2	590	89	580	86	549	89
Other	13	1	578		570		541	
No Response	105	8	551	132	536	116	527	120
Total	1,292	100	579	121	579	115	558	116

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	3	0						
Asian or Asian American	86	7	529	148	641	113	525	150
Black or African American	18	1	484		491		477	
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	40	3	510	85	524	109	477	86
White	394	30	614	106	616	111	581	106
Two or More Races, non-Hispanic	16	1	609		593		569	
Other	7	1	631		636		567	
No Response	37	3	539	152	577	116	514	143
Total	601	47	586	122	606	116	558	120

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	484		430		468	
Asian or Asian American	85	7	502	143	577	108	514	133
Black or African American	15	1	478		437		454	
Native Hawaiian or Pacific Islander	3	0						
Hispanic, Latino, or Latin American	59	5	550	91	525	119	549	97
White	436	34	596	110	569	104	580	107
Two or More Races, non-Hispanic	14	1	568		566		527	
Other	6	0	517		493		510	
No Response	68	5	558	119	513	109	535	104
Total	691	53	572	119	556	110	559	113

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	1,292	100	579	121	579	115	558	116
First Language Learned								
English	952	77	601	108	588	111	577	107
English and Another	147	12	557	112	563	116	538	115
Another Language	135	11	467	143	582	134	477	138
No Response	58		522	109	484	88	497	95
Citizenship								
U.S. Citizen / U.S. National	1,110	90	596	110	583	114	572	109
U.S. Permanent Resident or Refugee	19	2	531		532		531	
Citizen of Another Country	103	8	439	127	591	123	451	132
Other, Unknown, or No Response	60		517	123	508	102	503	109
Plans to Apply for Financial Aid								
Yes	715	70	600	111	589	112	577	109
No	129	13	585	114	597	115	567	107
Don't Know	175	17	577	115	593	106	567	108
No Response	273		522	133	538	121	502	126
Family Income								
Less than \$20,000	33	4	499	132	513	141	490	120
About \$20,000 to \$40,000	71	9	529	117	540	117	510	113
About \$40,001 to \$60,000	88	11	561	123	561	112	536	109
About \$60,001 to \$80,000	95	11	598	107	603	110	569	109
About \$80,001 to \$100,000	122	15	600	112	586	107	574	100
About \$100,001 to \$140,000	174	21	612	108	605	110	584	108
About \$140,001 to \$200,000	108	13	611	111	604	97	591	108
More than \$200,000	138	17	606	114	598	106	593	111
No Response	463		558	124	567	120	541	121
Highest Level of Parental Education								
No High School Diploma	20	2	486		530		488	
High School Diploma	139	12	524	117	534	112	498	109
Associate Degree	50	4	557	119	539	116	525	111
Bachelor's Degree	381	33	580	107	576	106	558	99
Graduate Degree	555	48	618	109	617	108	601	108
No Response	147		497	134	511	116	477	123
Took the PSAT/NMSQT®								
Yes, As a Junior	292	38	581	118	594	102	567	108
Yes, As a Sophomore or Younger	106	14	578	110	577	114	565	105
Yes, As a Junior and As a Sophomore or Younger	234	30	631	95	625	95	621	92
No	139	18	556	114	556	119	531	111
No Response	521		560	129	557	123	532	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	393	64	54	46	640	650	619
Second Tenth	147	24	44	56	560	566	539
Second Fifth	47	8	49	51	562	547	556
Final Three Fifths	31	5	42	58	511	488	502
No Response	674		43	57	551	548	530

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)	260	22	48	52	643	644	624
A (93–96)	433	36	43	57	602	615	587
A- (90–92)	232	19	47	53	563	569	539
B (80–89)	230	19	53	47	515	498	489
C (70–79)	34	3	59	41	485	458	453
D, E, or F (below 70)	1	0	100	0			
No Response	102		37	63	532	512	507
Mean Grade Point Average	All Students: 3.78		Male: 3.75		Female: 3.81		

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	2.8	3.1	2.9	3.92	3.94	3.94
English and Language Arts	4.0	4.0	4.0	3.76	3.84	3.80
Foreign and Classical Languages	3.0	3.1	3.1	3.76	3.81	3.79
Mathematics	4.0	3.9	4.0	3.67	3.66	3.67
Natural Sciences	3.9	3.7	3.8	3.73	3.71	3.72
Social Sciences and History	3.7	3.8	3.8	3.78	3.82	3.80
Total for All Subjects	21.4	21.6	21.6			

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
More Than 4 Years	144	15	44	56	603	607	588
4 Years	728	74	48	52	605	598	583
3 Years	62	6	44	56	535	555	507
2 Years	20	2	20	80	523	564	522
1 Year	12	1	58	42	482	529	459
1/2 Year or Less	13	1	54	46	444	477	440
No Response	313		47	53	529	536	509
AP®/Honors Courses	645	66	44	56	622	616	603
Course Work or Experience							
English/Language Arts	964	97	46	54	596	592	574
Journalism	115	12	30	70	581	566	570
Creative Writing	251	25	39	61	607	586	585
American Literature	481	49	44	56	598	600	582
Composition/Writing	419	42	44	56	596	586	575
British Literature	179	18	45	55	595	597	586
World Literature	219	22	41	59	610	601	596
Communications	87	9	53	47	569	569	546
Public Speaking	185	19	46	54	598	596	582
English As Second Language	47	5	38	62	493	566	493
Mathematics							
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	222	22	51	49	610	638	593
4 Years	640	62	46	54	602	592	583
3 Years	121	12	42	58	547	535	516
2 Years	23	2	35	65	564	545	547
1 Year	11	1	55	45	510	551	491
1/2 Year or Less	11	1	27	73	463	453	447
No Response	264		47	53	519	531	498
AP/Honors Courses	730	71	48	52	618	623	600
Highest Level of Mathematics Achieved*							
Calculus	661	64	51	49	624	634	604
Pre-calculus	189	18	35	65	549	538	535
Geometry	128	12	33	67	521	483	495
Algebra II	24	2	42	58	551	501	522
Algebra I	3	0	33	67			

*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	173	18	57	43	615	631	595
4 Years	529	54	46	54	606	602	588
3 Years	220	23	40	60	582	566	554
2 Years	23	2	48	52	514	533	511
1 Year	16	2	56	44	496	561	478
1/2 Year or Less	15	2	47	53	457	457	447
No Response	316		47	53	525	533	505
AP/Honors Courses	603	62	47	53	627	627	606
Course Work or Experience							
Biology	965	97	45	55	596	593	576
Chemistry	937	94	46	54	599	598	579
Physics	776	78	49	51	603	611	583
Geology, Earth, or Space Science	365	37	48	52	576	570	549
Other Sciences	328	33	44	56	587	580	561

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	134	14	50	50	619	625	595
4 Years	572	60	44	56	606	595	588
3 Years	175	18	49	51	574	584	552
2 Years	49	5	53	47	542	570	520
1 Year	12	1	50	50	585	574	537
1/2 Year or Less	15	2	53	47	447	506	438
No Response	335		48	52	530	538	508
AP/Honors Courses	568	59	46	54	628	623	608
Course Work or Experience							
U.S. History	962	96	46	54	596	594	576
World History or Cultures	669	67	45	55	593	590	570
U.S. Government or Civics	778	78	46	54	594	590	571
Economics	209	21	48	52	590	597	570
Geography	702	70	46	54	602	598	578
Psychology	453	45	38	62	601	594	584
European History	405	41	51	49	616	609	598
Sociology	93	9	32	68	553	542	540
Ancient History	145	15	46	54	588	579	562
Other Courses	145	15	41	59	588	586	570

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	117	12	42	58	589	606	582
4 Years	252	26	41	59	625	610	608
3 Years	278	29	50	50	601	594	578
2 Years	239	25	48	52	589	589	563
1 Year	36	4	47	53	556	560	545
1/2 Year or Less	42	4	52	48	523	537	488
No Response	328		48	52	523	535	502
AP/Honors Courses	318	33	45	55	632	631	622
Course Work or Experience							
Chinese	115	12	48	52	586	609	573
French	213	22	39	61	609	594	594
German	75	8	52	48	611	601	571
Greek	5	1	0	100	562	550	540
Hebrew	4	0	0	100			
Italian	6	1	50	50	570	555	552
Japanese	19	2	58	42	571	578	529
Korean	6	1	33	67	562	590	552
Latin	60	6	38	62	592	575	576
Russian	7	1	43	57	524	574	489
Spanish	571	58	47	53	593	591	573
Other Languages	64	7	31	69	571	576	546

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	112	17	46	54	623	604	597
4 Years	150	23	33	67	611	601	587
3 Years	118	18	49	51	595	588	570
2 Years	175	26	47	53	587	600	571
1 Year	77	12	48	52	590	579	559
1/2 Year or Less	31	5	74	26	558	554	525
No Response	629		48	52	558	564	541
AP/Honors Courses	132	20	33	67	626	609	607
Course Work or Experience							
Acting or Play Production	245	25	35	65	612	590	587
Art History or Appreciation	207	21	37	63	607	589	587
Dance	228	24	22	78	585	579	576
Drama: Study or Appreciation	189	20	34	66	600	580	578
Music: Study or Appreciation	173	18	47	53	603	601	591
Music Performance	523	54	47	53	619	612	595
Photography or Film	326	34	35	65	587	573	564
Studio Art and Design	307	32	39	61	588	586	572
None	49	5	69	31	553	569	545

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
423	1,049	265	659	674	647

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	45	11
2	186	44
3	155	37
4 or More	37	9

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	98	659	97	55	702	70	666	70	695	72	
History and Social Studies											
U.S. History	122	643	104	83	672	95	662	84	654	95	
World History	12	595		9	669		643		659		
Mathematics											
Mathematics Level 1	94	618	104	52	623	104	638	98	617	103	
Mathematics Level 2	284	690	85	190	664	97	695	75	652	94	
Science											
Biology-E	43	669	80	27	668	64	674	77	663	90	
Biology-M	69	689	79	44	658	89	675	82	649	97	
Chemistry	173	669	95	110	676	94	695	78	657	100	
Physics	98	653	90	67	664	98	696	80	634	94	
Foreign and Classical Languages											
Chinese/Listening	4			4							
French	10	637		8	650		666		654		
French/Listening	1										
German	1			1							
German/Listening	2			2							
Modern Hebrew											
Italian	1			1							
Japanese/Listening	1			1							
Korean/Listening											
Latin	4			3							
Spanish	28	631	118	17	632		646		638		
Spanish/Listening	4			3							

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	16	16	24	20	3	25
700-740	28	29	22	18		
650-690	18	18	18	15	1	8
600-640	17	17	23	19		
550-590	7	7	15	12	3	25
500-540	2	2	6	5	3	25
450-490	6	6	7	6	1	8
400-440	3	3	4	3		
350-390	1	1	3	2	1	8
300-340						
250-290						
200-240						
Total	98		122		12	
Mean	659		643		595	
SD	97		104			
75th percentile	730		720			
50th percentile	680		660			
25th percentile	610		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	7	7	97	34	11	26	22	32	42	24	16	16
700-740	18	19	44	15	7	16	14	20	37	21	19	19
650-690	16	17	47	17	8	19	16	23	27	16	20	20
600-640	19	20	55	19	9	21	10	14	34	20	16	16
550-590	12	13	26	9	6	14	3	4	11	6	12	12
500-540	10	11	14	5	1	2	2	3	11	6	11	11
450-490	5	5	1	0	1	2	2	3	6	3	4	4
400-440	3	3							3	2		
350-390	4	4							2	1		
300-340												
250-290												
200-240												
Total	94		284		43		69		173		98	
Mean	618		690		669		689		669		653	
SD	104		85		80		79		95		90	
75th percentile	700		770		740		750		740		720	
50th percentile	640		690		650		700		680		670	
25th percentile	550		620		610		640		610		580	

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	50	2	20	1	100						
700-740			1	10								
650-690			2	20					1	50		
600-640	1	25	1	10					1	50		
550-590	1	25	1	10								
500-540			2	20			1	100				
450-490			1	10								
400-440												
350-390												
300-340												
250-290												
200-240												
Total	4		10		1		1		2			
Mean			637									
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	100			2	50	6	21		
700-740	1	100							3	11	1	25
650-690							1	25	2	7	1	25
600-640							1	25	9	32		
550-590									3	11		
500-540									2	7	2	50
450-490									1	4		
400-440												
350-390												
300-340									2	7		
250-290												
200-240												
Total	1		1				4		28		4	
Mean									631			
SD									118			
75th percentile									730			
50th percentile									630			
25th percentile									560			

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	4	0			
Architecture and Related Services	8	1	529	614	570
Area, Ethnic, Cultural and Gender Studies	5	0	656	626	630
Biological and Biomedical Sciences	95	9	608	608	584
Business Management, Marketing, and Related Support Services	111	11	544	580	541
Communication, Journalism and Related Programs	22	2	555	532	550
Computer and Information Sciences and Support Services	42	4	613	647	584
Construction Trades	0	0			
Education	21	2	580	566	575
Engineering	136	13	625	643	596
Engineering Technologies/Technicians	17	2	532	550	496
English Language and Literature/Letters	21	2	701	613	666
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	8	1	591	553	590
Health Professions and Related Clinical Services	141	14	576	565	560
History	14	1	579	520	530
Legal Professions and Studies	19	2	582	556	584
Liberal Arts and Sciences, General Studies, and Humanities	10	1	593	596	596
Library Science And Administration	0	0			
Mathematics and Statistics	30	3	634	687	603
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	3	0			
Multi/Interdisciplinary Studies	14	1	669	655	634
Natural Resources and Conservation	3	0			
Parks, Recreation, Leisure and Fitness Studies	6	1	508	502	527
Personal and Culinary Services	0	0			
Philosophy and Religious Studies	1	0			
Physical Sciences	33	3	643	669	620
Precision Production	0	0			
Psychology	41	4	559	555	546
Public Administration and Social Services Professions	3	0			
Security and Protective Services	14	1	494	479	489
Social Sciences	31	3	631	605	613
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	86	8	577	558	561
Other	8	1	579	558	533
Undecided	77	7	614	607	598
Degree-Level Goal					
Certificate Program	2	0			
Associate Degree	3	0			
Bachelor's Degree	183	18	557	547	543
Master's Degree	341	33	582	585	562
Doctoral or Related Degree	401	39	622	620	600
Other	1	0			
Undecided	107	10	583	579	556

College Plans

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

Of the 1,450 students from your state who took the SAT and/or an SAT Subject Test, 947 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 581 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Utah	UT	Public	396	41.8
Stanford University	CA	Private	176	18.6
NMSC Scholarship Admin	IL	Scholarship	150	15.8
Brigham Young University	UT	Private	132	13.9
Utah State University	UT	Public	122	12.9
Harvard College	MA	Private	122	12.9
University of California: Berkeley	CA	Public	105	11.1
Massachusetts Institute of Technology	MA	Private	101	10.7
University of Washington	WA	Public	73	7.7
University of California: Los Angeles	CA	Public	67	7.1
Princeton University	NJ	Private	65	6.9
University of Southern California	CA	Private	65	6.9
Westminster College	UT	Private	65	6.9
Yale University	CT	Private	61	6.4
Brown University	RI	Private	56	5.9
Utah Valley University	UT	Public	55	5.8
Dartmouth College	NH	Private	53	5.6
Columbia University	NY	Private	53	5.6
University of Pennsylvania	PA	Private	52	5.5
California Institute of Technology	CA	Private	49	5.2
University of Chicago	IL	Private	47	5.0
Cornell University	NY	Private	46	4.9
University of California: San Diego	CA	Public	43	4.5
New York University	NY	Private	41	4.3
Duke University	NC	Private	41	4.3
Northwestern University	IL	Private	37	3.9
Johns Hopkins University	MD	Private	36	3.8
Washington University in St. Louis	MO	Private	34	3.6
University of Oregon	OR	Public	33	3.5
University of Michigan	MI	Public	33	3.5
Boston University	MA	Private	32	3.4
University of Colorado Boulder	CO	Public	31	3.3
University of Portland	OR	Private	30	3.2
Weber State University	UT	Public	30	3.2
Carnegie Mellon University	PA	Private	30	3.2
Rice University	TX	Private	29	3.1
Harvey Mudd College	CA	Private	27	2.9
Georgia Institute of Technology	GA	Public	27	2.9
University of California: Santa Barbara	CA	Public	27	2.9
Purdue University	IN	Public	26	2.7
Arizona State University	AZ	Public	26	2.7
Lewis & Clark College	OR	Private	26	2.7
Pomona College	CA	Private	25	2.6
Vanderbilt University	TN	Private	23	2.4
Georgetown University	DC	Private	23	2.4

*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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