

SAT[®]

2016 College-Bound Seniors

State Profile Report



MINNESOTA

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	2,207	607	113	620	106	588	107	59.2	11.0	7.7	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,027	613	112	645	102	585	108	59.3	11.1	7.6	1.5
Female	1,180	602	113	598	105	590	106	59.1	11.0	7.9	1.3

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2015-2016)	909	588	120	607	113	572	111	57.4	11.5	7.7	1.5
Junior (2014-2015)	1,227	625	104	631	100	604	100	60.9	10.3	7.8	1.4
Sophomore (2013-2014)	46	550	106	590	102	515	110	52.2	11.6	7.0	1.8
Freshman (2012-2013)	25	545	85	571	94	514	89	52.9	8.8	6.7	1.6
Total	2,207	607	113	620	106	588	107	59.2	11.0	7.7	1.4

Table 4: Mean Scores for Total Group

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

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

SAT Data

Table 5: Percentiles for State and Total Group

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

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	690	700	670	570	590	560
50th	610	630	590	490	500	480
25th	530	550	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	274	272	546	347	212	559	164	200	364
600-690	325	355	680	379	401	780	336	384	720
500-590	276	344	620	205	368	573	309	373	682
400-490	115	161	276	81	166	247	172	181	353
300-390	29	43	72	14	28	42	41	38	79
200-290	8	5	13	1	5	6	5	4	9

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,396	67	45	55	619	627	594
Religiously Affiliated	447	21	51	49	571	610	573
Independent	251	12	47	53	604	621	593
Other or Unknown	113		44	56	601	569	565

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	10	0	591		538		562	
Asian or Asian American	391	18	573	134	666	100	584	127
Black or African American	108	5	540	96	520	101	519	94
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	87	4	566	110	555	105	532	105
White	1,460	66	623	102	620	100	597	98
Two or More Races, non-Hispanic	44	2	635	102	620	117	599	112
Other	28	1	616	124	640	98	609	113
No Response	78	4	602	127	587	114	581	118
Total	2,207	100	607	113	620	106	588	107

Table 9: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	2	0						
Asian or Asian American	199	9	583	133	691	89	589	125
Black or African American	44	2	538	100	542	94	512	100
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	45	2	566	101	575	100	521	101
White	672	30	629	101	645	98	594	99
Two or More Races, non-Hispanic	16	1	663		663		624	
Other	19	1	602		642		599	
No Response	29	1	587	138	584	103	548	118
Total	1,027	47	613	112	645	102	585	108

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	8	0	568		524		554	
Asian or Asian American	192	9	562	135	640	105	578	129
Black or African American	64	3	541	93	506	103	524	89
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	42	2	565	118	534	105	543	108
White	788	36	617	103	599	97	600	97
Two or More Races, non-Hispanic	28	1	619	104	595	112	585	111
Other	9	0	646		638		630	
No Response	49	2	612	120	589	120	601	113
Total	1,180	53	602	113	598	105	590	106

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	2,207	100	607	113	620	106	588	107
First Language Learned								
English	1,652	76	621	102	617	103	596	99
English and Another	269	12	603	117	632	114	592	117
Another Language	266	12	522	130	628	117	537	125
No Response	20		614		590		566	
Citizenship								
U.S. Citizen / U.S. National	1,935	90	622	103	620	105	598	101
U.S. Permanent Resident or Refugee	43	2	560	119	620	121	562	114
Citizen of Another Country	182	8	488	110	621	114	514	113
Other, Unknown, or No Response	47		480	130	586	119	474	123
Plans to Apply for Financial Aid								
Yes	1,408	75	609	110	613	105	585	104
No	176	9	615	106	644	102	610	107
Don't Know	301	16	609	117	636	108	599	110
No Response	322		592	123	621	111	578	116
Family Income								
Less than \$20,000	66	5	486	119	530	116	492	105
About \$20,000 to \$40,000	96	7	535	104	572	104	523	94
About \$40,001 to \$60,000	129	9	574	119	590	113	555	101
About \$60,001 to \$80,000	147	10	600	109	604	101	570	97
About \$80,001 to \$100,000	206	14	625	105	618	101	595	101
About \$100,001 to \$140,000	281	19	610	103	616	97	589	101
About \$140,001 to \$200,000	255	18	623	97	626	101	600	97
More than \$200,000	275	19	622	105	639	96	608	101
No Response	752		617	115	635	108	600	111
Highest Level of Parental Education								
No High School Diploma	24	1	456		540		473	
High School Diploma	176	8	528	108	563	116	506	100
Associate Degree	82	4	562	103	562	98	547	99
Bachelor's Degree	796	37	593	107	613	102	574	103
Graduate Degree	1,054	49	639	103	642	101	620	98
No Response	75		590	136	596	115	564	118
Took the PSAT/NMSQT®								
Yes, As a Junior	718	42	618	103	631	98	600	96
Yes, As a Sophomore or Younger	261	15	615	98	623	104	601	101
Yes, As a Junior and As a Sophomore or Younger	469	28	658	99	660	93	636	98
No	255	15	563	106	583	108	539	97
No Response	504		563	123	584	113	545	112

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	696	63	50	50	665	676	641
Second Tenth	238	22	45	55	576	598	553
Second Fifth	118	11	51	49	556	574	538
Final Three Fifths	52	5	46	54	528	521	489
No Response	1,103		45	55	587	598	572

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)	414	20	44	56	680	687	660
A (93–96)	780	37	43	57	635	650	617
A- (90–92)	437	21	48	52	578	598	562
B (80–89)	445	21	52	48	536	545	517
C (70–79)	30	1	60	40	492	492	453
D, E, or F (below 70)	1	0	0	100			
No Response	100		52	48	562	567	537
Mean Grade Point Average	All Students: 3.79		Male: 3.76		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	2.7	3.1	2.9	3.92	3.96	3.95
English and Language Arts	4.0	4.0	4.0	3.74	3.83	3.79
Foreign and Classical Languages	3.5	3.6	3.6	3.75	3.84	3.80
Mathematics	4.2	4.1	4.1	3.71	3.65	3.68
Natural Sciences	4.0	3.9	3.9	3.75	3.72	3.73
Social Sciences and History	3.9	3.9	3.9	3.75	3.82	3.79
Total for All Subjects	22.3	22.6	22.4			

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	307	17	44	56	616	627	596
4 Years	1,324	74	45	55	620	627	600
3 Years	84	5	49	51	547	570	534
2 Years	47	3	38	62	568	599	566
1 Year	20	1	55	45	510	568	490
1/2 Year or Less	13	1	62	38	464	548	462
No Response	412		54	46	583	607	566
AP [®] /Honors Courses	1,080	60	43	57	643	644	619
Course Work or Experience							
English/Language Arts	1,674	94	44	56	614	621	594
Journalism	134	8	36	64	592	585	576
Creative Writing	474	27	34	66	599	589	580
American Literature	1,233	69	44	56	615	622	596
Composition/Writing	1,126	63	43	57	609	613	589
British Literature	346	19	40	60	619	622	604
World Literature	657	37	43	57	612	619	596
Communications	270	15	40	60	602	628	584
Public Speaking	531	30	43	57	603	610	580
English As Second Language	114	6	40	60	486	595	502

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	608	32	52	48	634	658	612
4 Years	1,087	57	43	57	610	613	590
3 Years	121	6	36	64	556	545	543
2 Years	37	2	35	65	548	585	546
1 Year	21	1	38	62	493	602	506
1/2 Year or Less	23	1	57	43	499	531	487
No Response	310		55	45	586	607	569
AP/Honors Courses	1,233	65	48	52	636	658	616
Highest Level of Mathematics Achieved*							
Calculus	1,288	69	49	51	637	659	617
Pre-calculus	356	19	39	61	558	554	541
Geometry	184	10	33	67	539	496	511
Algebra II	15	1	27	73	525	529	479
Algebra I	2	0	0	100			

*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	334	19	50	50	633	649	609	
4 Years	1,151	64	46	54	622	628	601	
3 Years	213	12	35	65	562	570	552	
2 Years	56	3	27	73	577	597	563	
1 Year	24	1	63	38	516	597	510	
1/2 Year or Less	19	1	58	42	512	558	484	
No Response	410		53	47	580	606	565	
AP/Honors Courses	998	56	47	53	645	659	624	
Course Work or Experience								
Biology	1,795	98	45	55	612	621	593	
Chemistry	1,764	97	45	55	613	622	593	
Physics	1,527	84	47	53	620	634	600	
Geology, Earth, or Space Science	725	40	42	58	602	605	581	
Other Sciences	680	37	40	60	605	615	586	

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	283	16	48	52	628	639	610	
4 Years	1,165	66	44	56	622	626	601	
3 Years	234	13	44	56	582	603	560	
2 Years	52	3	37	63	561	617	556	
1 Year	19	1	47	53	495	559	472	
1/2 Year or Less	20	1	65	35	468	557	471	
No Response	434		53	47	584	606	567	
AP/Honors Courses	978	55	45	55	645	648	621	
Course Work or Experience								
U.S. History	1,714	95	45	55	612	622	593	
World History or Cultures	1,371	76	44	56	606	615	586	
U.S. Government or Civics	1,299	72	44	56	616	624	593	
Economics	1,124	62	48	52	615	628	593	
Geography	725	40	43	57	599	605	577	
Psychology	687	38	37	63	609	615	587	
European History	557	31	46	54	633	638	617	
Sociology	225	12	38	62	580	583	556	
Ancient History	328	18	39	61	618	615	595	
Other Courses	371	20	38	62	615	624	602	

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	370	21	44	56	626	636	609
4 Years	752	42	42	58	634	636	616
3 Years	305	17	49	51	599	606	576
2 Years	250	14	48	52	588	595	559
1 Year	41	2	51	49	564	603	542
1/2 Year or Less	62	3	50	50	483	586	490
No Response	427		53	47	582	607	566
AP/Honors Courses	603	34	41	59	653	656	632
Course Work or Experience							
Chinese	181	10	49	51	610	653	609
French	369	21	33	67	615	608	597
German	153	9	48	52	617	638	594
Greek	14	1	36	64	690	643	681
Hebrew	8	0	38	63	645	666	621
Italian	7	0	29	71	581	556	571
Japanese	47	3	45	55	621	629	605
Korean	5	0	0	100	594	578	596
Latin	158	9	42	58	649	634	614
Russian	16	1	38	63	568	559	559
Spanish	1,049	58	46	54	612	617	591
Other Languages	74	4	26	74	570	578	560

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	189	17	37	63	615	617	597
4 Years	316	29	35	65	620	625	602
3 Years	135	12	44	56	590	597	574
2 Years	188	17	42	58	595	612	573
1 Year	207	19	56	44	607	629	586
1/2 Year or Less	62	6	52	48	572	593	564
No Response	1,110		51	49	608	623	589
AP/Honors Courses	131	12	33	67	626	627	604
Course Work or Experience							
Acting or Play Production	466	27	35	65	631	618	611
Art History or Appreciation	254	14	29	71	619	595	590
Dance	255	15	22	78	581	582	575
Drama: Study or Appreciation	267	15	33	67	610	595	590
Music: Study or Appreciation	332	19	38	62	630	616	609
Music Performance	1,203	69	42	58	624	629	605
Photography or Film	408	23	39	61	595	600	577
Studio Art and Design	541	31	34	66	606	606	584
None	96	5	66	34	585	622	573

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
1,326	3,293	669	671	695	661

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	164	12
2	605	46
3	376	28
4 or More	181	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	342	671	84	183	692	74	672	77	675	73	
History and Social Studies											
U.S. History	430	671	84	216	691	82	685	86	673	83	
World History	110	632	104	65	693	77	678	89	674	75	
Mathematics											
Mathematics Level 1	245	663	80	108	653	88	670	75	645	80	
Mathematics Level 2	906	715	81	472	676	95	720	66	667	83	
Science											
Biology-E	170	649	76	90	683	74	695	84	656	78	
Biology-M	212	668	90	122	668	88	700	81	666	83	
Chemistry	433	678	92	258	679	94	725	63	674	84	
Physics	236	690	83	130	674	94	730	63	670	82	
Foreign and Classical Languages											
Chinese/Listening	15	740		11	647		680		615		
French	46	631	111	23	692		645		670		
French/Listening	13	684		9	673		662		664		
German	6	545		3							
German/Listening	4			4							
Modern Hebrew	2			1							
Italian											
Japanese/Listening	8	619		5	632		656		628		
Korean/Listening	4			4							
Latin	16	652		15	721		732		723		
Spanish	88	632	94	52	687	80	669	88	691	68	
Spanish/Listening	7	677		5	720		642		702		

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	72	21	89	21	17	15
700-740	77	23	101	23	15	14
650-690	73	21	94	22	24	22
600-640	58	17	68	16	12	11
550-590	34	10	42	10	20	18
500-540	16	5	21	5	10	9
450-490	9	3	11	3	6	5
400-440	3	1	2	0	5	5
350-390			2	0	1	1
300-340						
250-290						
200-240						
Total	342		430		110	
Mean	671		671		632	
SD	84		84		104	
75th percentile	740		740		710	
50th percentile	680		680		650	
25th percentile	620		620		560	

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	41	17	424	47	21	12	50	24	129	30	68	29
700-740	56	23	140	15	35	21	39	18	72	17	52	22
650-690	50	20	144	16	28	16	43	20	75	17	44	19
600-640	44	18	108	12	44	26	33	16	71	16	33	14
550-590	36	15	55	6	25	15	24	11	46	11	27	11
500-540	10	4	33	4	14	8	17	8	26	6	11	5
450-490	7	3	2	0	2	1	3	1	12	3	1	0
400-440	1	0			1	1	2	1	2	0		
350-390							1	0				
300-340												
250-290												
200-240												
Total	245		906		170		212		433		236	
Mean	663		715		649		668		678		690	
SD	80		81		76		90		92		83	
75th percentile	730		790		710		740		760		760	
50th percentile	670		730		640		680		680		700	
25th percentile	610		660		590		610		610		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	67	8	17	5	38					1	50
700-740	3	20	9	20	3	23	1	17				
650-690			9	20	1	8			1	25		
600-640	1	7	2	4	1	8						
550-590			6	13	2	15	2	33	1	25		
500-540			3	7			2	33			1	50
450-490	1	7	7	15					1	25		
400-440			2	4	1	8			1	25		
350-390												
300-340							1	17				
250-290												
200-240												
Total	15		46		13		6		4		2	
Mean	740		631		684		545					
SD			111									
75th percentile			710									
50th percentile			650									
25th percentile			540									

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	25	3	75	3	19	15	17	2	29
700-740			2	25			2	13	8	9		
650-690					1	25	3	19	19	22	3	43
600-640							4	25	14	16	2	29
550-590							2	13	16	18		
500-540			3	38			1	6	11	13		
450-490									1	1		
400-440			1	13			1	6	3	3		
350-390									1	1		
300-340												
250-290												
200-240												
Total			8		4		16		88		7	
Mean			619				652		632		677	
SD									94			
75th percentile									700			
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	5	0	602	566	526
Architecture and Related Services	19	1	562	595	542
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	202	11	616	633	601
Business Management, Marketing, and Related Support Services	196	10	561	612	554
Communication, Journalism and Related Programs	46	2	599	557	590
Computer and Information Sciences and Support Services	75	4	633	653	600
Construction Trades	0	0			
Education	35	2	572	560	567
Engineering	283	15	632	672	605
Engineering Technologies/Technicians	24	1	586	637	563
English Language and Literature/Letters	38	2	656	606	640
Family and Consumer Sciences/Human Sciences	1	0			
Foreign Languages, Literatures, and Linguistics	21	1	681	605	645
Health Professions and Related Clinical Services	228	12	593	605	577
History	21	1	602	574	578
Legal Professions and Studies	36	2	560	546	543
Liberal Arts and Sciences, General Studies, and Humanities	20	1	648	609	625
Library Science And Administration	2	0			
Mathematics and Statistics	46	2	652	702	629
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	3	0			
Multi/Interdisciplinary Studies	39	2	639	621	617
Natural Resources and Conservation	12	1	594	574	564
Parks, Recreation, Leisure and Fitness Studies	5	0	564	556	548
Personal and Culinary Services	0	0			
Philosophy and Religious Studies	4	0			
Physical Sciences	85	4	648	668	620
Precision Production	0	0			
Psychology	64	3	575	553	566
Public Administration and Social Services Professions	6	0	648	632	637
Security and Protective Services	17	1	555	568	525
Social Sciences	79	4	668	638	642
Theology and Religious Vocations	5	0	560	556	564
Transportation and Materials Moving	0	0			
Visual and Performing Arts	110	6	595	575	582
Other	12	1	586	593	587
Undecided	146	8	639	664	620
Degree-Level Goal					
Certificate Program	5	0	558	634	592
Associate Degree	3	0			
Bachelor's Degree	367	19	571	572	553
Master's Degree	578	30	605	620	586
Doctoral or Related Degree	681	36	629	640	607
Other	4	0			
Undecided	272	14	628	634	609

College Plans

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

Of the 2,864 students from your state who took the SAT and/or an SAT Subject Test, 1,920 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 772 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Minnesota: Twin Cities	MN	Public	683	35.6
Stanford University	CA	Private	318	16.6
NMSC Scholarship Admin	IL	Scholarship	303	15.8
Harvard College	MA	Private	277	14.4
University of Wisconsin-Madison	WI	Public	241	12.6
Massachusetts Institute of Technology	MA	Private	240	12.5
Cornell University	NY	Private	237	12.3
Northwestern University	IL	Private	228	11.9
Princeton University	NJ	Private	223	11.6
Northwestern Univ - Ctr for Talent Dev Prog	IL	Scholarship	209	10.9
Yale University	CT	Private	207	10.8
University of California: Berkeley	CA	Public	206	10.7
University of Chicago	IL	Private	180	9.4
Dartmouth College	NH	Private	173	9.0
University of Pennsylvania	PA	Private	159	8.3
Columbia University	NY	Private	132	6.9
University of Michigan	MI	Public	130	6.8
Carleton College	MN	Private	129	6.7
Brown University	RI	Private	127	6.6
Washington University in St. Louis	MO	Private	125	6.5
Boston University	MA	Private	123	6.4
Johns Hopkins University	MD	Private	113	5.9
University of Southern California	CA	Private	110	5.7
Duke University	NC	Private	105	5.5
Georgetown University	DC	Private	100	5.2
University of California: Los Angeles	CA	Public	98	5.1
Carnegie Mellon University	PA	Private	97	5.1
St. Olaf College	MN	Private	94	4.9
New York University	NY	Private	88	4.6
University of St. Thomas	MN	Private	86	4.5
Vanderbilt University	TN	Private	86	4.5
Purdue University	IN	Public	85	4.4
University of Notre Dame	IN	Private	85	4.4
California Institute of Technology	CA	Private	79	4.1
University of Washington	WA	Public	75	3.9
Macalester College	MN	Private	73	3.8
University of Illinois at Urbana-Champaign	IL	Public	65	3.4
Boston College	MA	Private	64	3.3
University of North Carolina at Chapel Hill	NC	Public	62	3.2
Williams College	MA	Private	59	3.1
Northeastern University	MA	Private	58	3.0
University of Minnesota: Duluth	MN	Public	58	3.0
Case Western Reserve University	OH	Private	56	2.9
Iowa State University	IA	Public	53	2.8
Harvey Mudd College	CA	Private	53	2.8

*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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