

SAT[®]

2016 College-Bound Seniors

State Profile Report



WASHINGTON

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	43,783	501	120	506	117	481	113	48.1	11.6	7.0	1.6

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	20,315	501	123	521	123	472	116	47.6	11.8	6.7	1.7
Female	23,468	501	117	493	110	488	111	48.5	11.5	7.2	1.5

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)	25,683	496	112	500	109	473	106	47.3	10.9	7.0	1.6
Junior (2014-2015)	17,975	508	130	513	126	491	122	49.2	12.5	7.0	1.6
Sophomore (2013-2014)	111	609	113	639	105	591	112	59.6	11.4	7.7	1.5
Freshman (2012-2013)	14	589		601		566		57.8		7.1	
Total	43,783	501	120	506	117	481	113	48.1	11.6	7.0	1.6

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	580	590	560	570	590	560
50th	500	510	480	490	500	480
25th	420	430	400	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	1,152	1,190	2,342	1,483	838	2,321	622	825	1,447
600-690	3,540	3,815	7,355	4,238	3,397	7,635	2,390	3,135	5,525
500-590	5,960	7,029	12,989	6,290	7,194	13,484	5,366	6,873	12,239
400-490	5,781	7,267	13,048	5,250	7,767	13,017	6,779	7,939	14,718
300-390	2,752	3,215	5,967	2,162	3,397	5,559	3,903	3,822	7,725
200-290	1,130	952	2,082	892	875	1,767	1,255	874	2,129

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	39,967	92	46	54	495	501	474
Religiously Affiliated	2,433	6	48	52	550	552	538
Independent	857	2	52	48	605	606	589
Other or Unknown	526		46	54	548	540	524

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	545	1	470	114	471	107	442	104
Asian or Asian American	5,656	13	503	130	548	131	495	130
Black or African American	2,277	5	426	112	424	106	413	101
Native Hawaiian or Pacific Islander	168	0	419	107	427	107	409	96
Hispanic, Latino, or Latin American	5,837	13	441	108	445	103	425	99
White	23,964	55	533	105	529	102	507	101
Two or More Races, non-Hispanic	1,235	3	517	105	514	100	487	101
Other	832	2	484	132	487	130	466	122
No Response	3,269	7	436	134	439	127	419	123
Total	43,783	100	501	120	506	117	481	113

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	240	1	467	120	478	117	427	108
Asian or Asian American	2,848	7	505	132	562	133	489	133
Black or African American	1,114	3	417	116	425	114	400	102
Native Hawaiian or Pacific Islander	73	0	420	114	438	116	407	93
Hispanic, Latino, or Latin American	2,458	6	443	112	460	110	420	103
White	10,964	25	535	107	547	105	499	102
Two or More Races, non-Hispanic	506	1	514	106	527	103	475	100
Other	397	1	481	132	500	136	458	124
No Response	1,715	4	430	136	444	132	407	123
Total	20,315	46	501	123	521	123	472	116

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	305	1	472	109	466	97	454	100
Asian or Asian American	2,808	6	501	127	534	126	500	127
Black or African American	1,163	3	435	107	422	97	427	98
Native Hawaiian or Pacific Islander	95	0	418	101	418	99	411	98
Hispanic, Latino, or Latin American	3,379	8	439	105	435	97	429	96
White	13,000	30	531	104	515	97	514	99
Two or More Races, non-Hispanic	729	2	519	105	505	96	496	101
Other	435	1	486	131	475	123	473	120
No Response	1,554	4	442	133	433	120	433	122
Total	23,468	54	501	117	493	110	488	111

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	43,783	100	501	120	506	117	481	113
First Language Learned								
English	30,974	75	523	109	521	106	498	104
English and Another	6,126	15	473	123	489	128	461	120
Another Language	4,203	10	443	125	486	136	441	124
No Response	2,480		393	127	399	120	377	114
Citizenship								
U.S. Citizen / U.S. National	39,001	95	513	114	514	111	491	108
U.S. Permanent Resident or Refugee	1,289	3	446	138	492	141	442	133
Citizen of Another Country	665	2	453	118	548	135	461	124
Other, Unknown, or No Response	2,828		378	114	390	115	365	104
Plans to Apply for Financial Aid								
Yes	24,140	75	519	108	521	106	497	104
No	2,239	7	543	110	553	110	526	108
Don't Know	5,756	18	522	117	530	115	500	113
No Response	11,648		446	127	454	124	429	117
Family Income								
Less than \$20,000	2,060	9	444	109	455	106	425	100
About \$20,000 to \$40,000	3,202	13	476	105	482	103	457	96
About \$40,001 to \$60,000	3,125	13	501	102	503	100	478	96
About \$60,001 to \$80,000	3,171	13	521	99	519	96	495	96
About \$80,001 to \$100,000	3,271	14	532	100	534	96	509	97
About \$100,001 to \$140,000	4,617	19	541	99	545	98	516	96
About \$140,001 to \$200,000	2,663	11	551	98	557	97	530	97
More than \$200,000	2,113	9	576	101	585	103	560	102
No Response	19,561		479	130	484	126	460	122
Highest Level of Parental Education								
No High School Diploma	2,267	6	417	94	436	96	408	87
High School Diploma	9,250	26	482	98	486	97	459	92
Associate Degree	3,417	10	500	92	501	89	476	86
Bachelor's Degree	12,007	34	541	101	547	100	519	97
Graduate Degree	8,424	24	578	105	578	105	555	104
No Response	8,418		411	119	420	115	396	107
Took the PSAT/NMSQT®								
Yes, As a Junior	8,624	34	536	109	544	106	517	106
Yes, As a Sophomore or Younger	4,776	19	529	108	535	105	509	101
Yes, As a Junior and As a Sophomore or Younger	7,919	31	564	107	571	106	546	104
No	4,291	17	495	107	498	103	472	99
No Response	18,173		451	114	454	109	429	103

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	4,993	37	45	55	588	604	571
Second Tenth	3,744	28	47	53	521	534	501
Second Fifth	2,463	18	49	51	484	492	464
Final Three Fifths	2,380	18	50	50	446	448	426
No Response	30,203		46	54	490	492	469

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)	2,785	7	37	63	607	616	590
A (93–96)	7,889	20	39	61	570	583	554
A- (90–92)	7,555	19	43	57	531	541	511
B (80–89)	16,397	42	48	52	478	479	455
C (70–79)	4,205	11	58	42	423	420	402
D, E, or F (below 70)	273	1	59	41	384	385	358
No Response	4,679		52	48	433	432	411
Mean Grade Point Average	All Students: 3.35		Male: 3.26		Female: 3.42		

Table 14: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.1	2.4	2.3	3.80	3.90	3.86
English and Language Arts	3.8	3.9	3.8	3.41	3.63	3.53
Foreign and Classical Languages	2.6	2.7	2.7	3.42	3.62	3.53
Mathematics	3.9	3.9	3.9	3.26	3.27	3.27
Natural Sciences	3.5	3.5	3.5	3.40	3.44	3.42
Social Sciences and History	3.4	3.4	3.4	3.49	3.58	3.54
Total for All Subjects	19.3	19.8	19.6			

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	3,577	12	39	61	542	545	522
4 Years	20,968	73	44	56	536	538	513
3 Years	2,453	8	44	56	490	496	468
2 Years	747	3	45	55	486	497	464
1 Year	396	1	45	55	483	492	464
1/2 Year or Less	725	3	52	48	433	454	417
No Response	14,917		52	48	449	456	432
AP [®] /Honors Courses	13,706	47	38	62	566	564	545
Course Work or Experience							
English/Language Arts	30,545	97	44	56	520	523	498
Journalism	2,196	7	33	67	526	515	508
Creative Writing	5,648	18	40	60	524	518	504
American Literature	15,341	49	44	56	532	535	511
Composition/Writing	14,311	46	41	59	536	535	515
British Literature	2,696	9	42	58	554	548	532
World Literature	6,391	20	46	54	538	538	517
Communications	2,463	8	39	61	518	515	495
Public Speaking	3,594	11	41	59	532	530	513
English As Second Language	1,283	4	44	56	430	494	431

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	7,534	25	46	54	559	578	536
4 Years	16,918	55	44	56	529	530	507
3 Years	4,024	13	40	60	487	472	464
2 Years	617	2	47	53	476	485	451
1 Year	375	1	54	46	467	490	450
1/2 Year or Less	1,066	3	44	56	439	444	420
No Response	13,249		52	48	444	451	427
AP/Honors Courses	12,096	40	46	54	574	593	553
Highest Level of Mathematics Achieved*							
Calculus	12,084	36	49	51	578	604	557
Pre-calculus	10,913	33	42	58	511	511	488
Geometry	9,442	29	41	59	459	441	437
Algebra II	351	1	46	54	473	448	445
Algebra I	136	0	47	53	377	348	366

*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	3,381	12	41	59	555	571	536	
4 Years	13,296	47	44	56	548	553	526	
3 Years	7,864	28	42	58	507	504	484	
2 Years	2,536	9	44	56	490	489	465	
1 Year	516	2	48	52	487	495	462	
1/2 Year or Less	864	3	47	53	439	452	423	
No Response	15,326		52	48	452	458	434	
AP/Honors Courses	9,546	34	44	56	578	588	556	
Course Work or Experience								
Biology	30,875	96	44	56	520	523	498	
Chemistry	26,312	82	44	56	531	536	509	
Physics	14,669	46	52	48	549	564	526	
Geology, Earth, or Space Science	11,574	36	43	57	518	515	495	
Other Sciences	14,714	46	39	61	517	516	495	

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	2,342	8	42	58	549	552	531	
4 Years	12,727	46	43	57	542	543	521	
3 Years	9,483	34	43	57	521	526	497	
2 Years	2,126	8	45	55	497	505	473	
1 Year	519	2	46	54	484	495	460	
1/2 Year or Less	726	3	47	53	435	456	421	
No Response	15,860		52	48	454	460	435	
AP/Honors Courses	10,696	38	42	58	572	573	550	
Course Work or Experience								
U.S. History	29,982	95	44	56	521	524	499	
World History or Cultures	26,363	83	44	56	524	528	503	
U.S. Government or Civics	20,855	66	43	57	526	529	504	
Economics	4,930	16	48	52	527	534	504	
Geography	6,375	20	43	57	519	525	498	
Psychology	8,753	28	32	68	536	529	512	
European History	4,399	14	46	54	556	558	535	
Sociology	2,924	9	32	68	521	512	497	
Ancient History	2,702	9	48	52	548	544	528	
Other Courses	7,136	23	41	59	527	528	504	

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	1,531	5	37	63	567	579	557
4 Years	4,517	16	39	61	582	585	566
3 Years	8,756	31	43	57	547	551	526
2 Years	10,993	39	45	55	503	504	476
1 Year	1,064	4	45	55	475	475	446
1/2 Year or Less	1,411	5	49	51	444	458	425
No Response	15,511		52	48	451	458	433
AP/Honors Courses	3,666	13	39	61	594	601	580
Course Work or Experience							
Chinese	831	3	50	50	551	591	531
French	5,258	17	34	66	542	533	518
German	1,469	5	61	39	541	535	507
Greek	64	0	42	58	525	533	528
Hebrew	34	0	47	53	494	504	496
Italian	113	0	42	58	515	511	492
Japanese	1,477	5	51	49	540	544	506
Korean	110	0	37	63	477	524	464
Latin	393	1	46	54	581	563	563
Russian	133	0	44	56	484	498	477
Spanish	21,254	68	45	55	519	523	498
Other Languages	2,361	8	30	70	484	486	462

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years		2,066	11	35	65	549	544	526
4 Years		2,713	15	38	62	551	545	528
3 Years		2,031	11	37	63	525	519	500
2 Years		4,127	22	42	58	511	514	488
1 Year		5,609	30	46	54	514	523	491
1/2 Year or Less		1,867	10	49	51	479	489	456
No Response		25,370		49	51	487	494	468
AP/Honors Courses		1,417	8	36	64	558	556	540
Course Work or Experience								
Acting or Play Production		5,101	13	33	67	557	539	533
Art History or Appreciation		3,986	10	38	62	523	515	502
Dance		3,211	8	14	86	528	521	514
Drama: Study or Appreciation		4,435	12	34	66	539	526	517
Music: Study or Appreciation		3,807	10	42	58	555	544	532
Music Performance		13,164	34	41	59	547	547	524
Photography or Film		9,600	25	39	61	522	522	502
Studio Art and Design		8,163	21	37	63	536	535	515
None		12,660	33	53	47	445	454	427

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
3,217	7,849	2,779	655	676	644

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	401	12
2	1,407	44
3	1,110	35
4 or More	299	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	992	624	118	813	660	111	645	105	646	114	
History and Social Studies											
U.S. History	900	629	115	753	667	91	668	94	654	96	
World History	269	642	96	242	692	83	689	79	673	87	
Mathematics											
Mathematics Level 1	625	587	122	480	597	119	613	116	584	122	
Mathematics Level 2	2,217	701	89	1,961	668	89	705	76	659	90	
Science											
Biology-E	410	628	110	348	660	97	675	97	646	103	
Biology-M	505	672	94	461	667	88	683	84	660	94	
Chemistry	871	666	98	776	666	91	703	81	657	92	
Physics	594	688	84	540	679	82	724	67	663	88	
Foreign and Classical Languages											
Chinese/Listening	55	739	96	49	637	97	707	72	640	98	
French	97	613	114	86	681	80	678	78	688	76	
French/Listening	24	624		21	658		656		639		
German	7	714		6	703		680		642		
German/Listening	7	521		5	720		666		684		
Modern Hebrew	3			2							
Italian	3			3							
Japanese/Listening	25	676	114	21	612		664		614		
Korean/Listening	20	774		18	606		737		651		
Latin	25	628	122	23	677		673		684		
Spanish	174	635	104	151	651	102	650	89	662	108	
Spanish/Listening	26	658	107	22	629		607		619		

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	140	14	136	15	44	16
700-740	194	20	178	20	37	14
650-690	192	19	151	17	55	20
600-640	124	13	136	15	45	17
550-590	103	10	112	12	44	16
500-540	60	6	60	7	25	9
450-490	77	8	41	5	7	3
400-440	49	5	36	4	12	4
350-390	39	4	40	4		
300-340	12	1	8	1		
250-290	2	0	2	0		
200-240						
Total	992		900		269	
Mean	624		629		642	
SD	118		115		96	
75th percentile	710		710		710	
50th percentile	650		650		650	
25th percentile	550		560		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	42	7	895	40	58	14	125	25	210	24	169	28
700-740	110	18	371	17	68	17	115	23	179	21	139	23
650-690	92	15	353	16	72	18	89	18	166	19	116	20
600-640	77	12	316	14	78	19	80	16	119	14	86	14
550-590	75	12	173	8	46	11	47	9	93	11	44	7
500-540	57	9	50	2	33	8	28	6	42	5	25	4
450-490	67	11	34	2	22	5	9	2	31	4	10	2
400-440	59	9	20	1	21	5	7	1	23	3	5	1
350-390	38	6	4	0	8	2	3	1	8	1		
300-340	6	1	1	0	3	1	2	0				
250-290	2	0			1	0						
200-240												
Total	625		2,217		410		505		871		594	
Mean	587		701		628		672		666		688	
SD	122		89		110		94		98		84	
75th percentile	690		780		720		740		740		750	
50th percentile	600		720		640		690		680		700	
25th percentile	480		640		560		610		610		640	

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	39	71	15	15	3	13	2	29	1	14		
700-740	3	5	13	13	4	17	4	57			1	33
650-690	3	5	10	10	5	21						
600-640	3	5	15	15	4	17			1	14	1	33
550-590	4	7	17	18	1	4	1	14	1	14		
500-540	1	2	10	10	3	13			2	29		
450-490	2	4	9	9	1	4						
400-440			6	6	3	13			1	14	1	33
350-390			2	2								
300-340												
250-290									1	14		
200-240												
Total	55		97		24		7		7		3	
Mean	739		613		624		714		521			
SD	96		114									
75th percentile	800		710		720							
50th percentile	790		600		640							
25th percentile	690		540		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			10	40	19	95	6	24	28	16	8	31
700-740	2	67	3	12			2	8	27	16	3	12
650-690			2	8			5	20	35	20	3	12
600-640	1	33	5	20			1	4	24	14	5	19
550-590							3	12	25	14	2	8
500-540			2	8			5	20	17	10	2	8
450-490			2	8			1	4	10	6	2	8
400-440			1	4			2	8	5	3	1	4
350-390					1	5			3	2		
300-340												
250-290												
200-240												
Total	3		25		20		25		174		26	
Mean			676		774		628		635		658	
SD			114				122		104		107	
75th percentile			760		800		720		710		750	
50th percentile			690		800		630		650		660	
25th percentile			610		790		500		570		580	

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	294	1	481	482	457
Architecture and Related Services	369	1	507	538	491
Area, Ethnic, Cultural and Gender Studies	44	0	575	525	548
Biological and Biomedical Sciences	2,220	7	558	554	533
Business Management, Marketing, and Related Support Services	3,395	11	510	523	493
Communication, Journalism and Related Programs	687	2	525	499	509
Computer and Information Sciences and Support Services	1,422	5	564	585	528
Construction Trades	23	0	410	426	394
Education	1,475	5	505	496	487
Engineering	3,377	11	550	586	522
Engineering Technologies/Technicians	405	1	510	555	481
English Language and Literature/Letters	369	1	583	523	557
Family and Consumer Sciences/Human Sciences	87	0	450	451	441
Foreign Languages, Literatures, and Linguistics	236	1	560	522	536
Health Professions and Related Clinical Services	5,563	19	501	507	488
History	190	1	548	513	506
Legal Professions and Studies	573	2	534	523	509
Liberal Arts and Sciences, General Studies, and Humanities	156	1	571	538	547
Library Science And Administration	10	0	591	500	537
Mathematics and Statistics	308	1	570	628	549
Mechanic and Repair Technologies/Technician	64	0	430	467	408
Military Technologies And Applied Sciences	113	0	491	500	459
Multi/Interdisciplinary Studies	249	1	587	572	558
Natural Resources and Conservation	238	1	542	535	515
Parks, Recreation, Leisure and Fitness Studies	164	1	465	480	449
Personal and Culinary Services	66	0	466	456	440
Philosophy and Religious Studies	72	0	536	526	507
Physical Sciences	538	2	577	592	541
Precision Production	6	0	472	455	422
Psychology	1,427	5	515	496	496
Public Administration and Social Services Professions	111	0	506	484	480
Security and Protective Services	783	3	474	474	451
Social Sciences	576	2	574	547	549
Theology and Religious Vocations	63	0	543	518	531
Transportation and Materials Moving	38	0	485	503	444
Visual and Performing Arts	1,943	7	538	521	515
Other	363	1	474	476	456
Undecided	1,868	6	554	557	527
Degree-Level Goal					
Certificate Program	238	1	423	429	403
Associate Degree	422	1	421	419	403
Bachelor's Degree	9,911	31	500	505	477
Master's Degree	10,436	32	533	537	511
Doctoral or Related Degree	6,564	20	551	554	530
Other	173	1	401	411	391
Undecided	4,517	14	522	522	499

College Plans

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

Of the 44,221 students from your state who took the SAT and/or an SAT Subject Test, 27,730 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 1,642 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Washington	WA	Public	11,528	41.6
Washington State University	WA	Public	11,385	41.1
Western Washington University	WA	Public	7,576	27.3
Central Washington University	WA	Public	5,481	19.8
Eastern Washington University	WA	Public	3,642	13.1
Gonzaga University	WA	Private	2,597	9.4
Seattle University	WA	Private	2,430	8.8
University of Washington Bothell	WA	Public	2,206	8.0
Seattle Pacific University	WA	Private	2,188	7.9
University of Portland	OR	Private	1,956	7.1
Pacific Lutheran University	WA	Private	1,705	6.1
Stanford University	CA	Private	1,668	6.0
Montana State University	MT	Public	1,576	5.7
University of Washington Tacoma	WA	Public	1,520	5.5
University of California: Berkeley	CA	Public	1,430	5.2
Oregon State University	OR	Public	1,336	4.8
University of Oregon	OR	Public	1,329	4.8
Whitworth University	WA	Private	1,221	4.4
University of Southern California	CA	Private	1,207	4.4
University of California: Los Angeles	CA	Public	1,175	4.2
NCAA Eligibility Center	IN	Public	1,080	3.9
Boise State University	ID	Public	907	3.3
University of Puget Sound	WA	Private	902	3.3
University of Idaho	ID	Public	817	2.9
Santa Clara University	CA	Private	815	2.9
Saint Martin's University	WA	Private	748	2.7
Evergreen State College	WA	Public	735	2.7
Whitman College	WA	Private	728	2.6
Arizona State University	AZ	Public	724	2.6
University of Colorado Boulder	CO	Public	654	2.4
Harvard College	MA	Private	641	2.3
Portland State University	OR	Public	627	2.3
New York University	NY	Private	609	2.2
California Polytechnic State Univ San Luis Obispo	CA	Public	609	2.2
Cornell University	NY	Private	594	2.1
George Fox University	OR	Private	586	2.1
University of California: San Diego	CA	Public	580	2.1
University of Montana	MT	Public	574	2.1
University of Arizona	AZ	Public	571	2.1
Columbia University	NY	Private	505	1.8
University of San Diego	CA	Private	500	1.8
Northwestern University	IL	Private	490	1.8
Boston University	MA	Private	486	1.8
Yale University	CT	Private	473	1.7
University of Pennsylvania	PA	Private	467	1.7

*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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