

SAT

2015 College-Bound Seniors

State Profile Report



ARIZONA

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 2015 who took the 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, 2015.*** 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 about the College Board Program Results press briefing, please contact the College Board communications department at communications@collegeboard.org.

© 2015 The College Board. College Board, achieve more, Advanced Placement Program, AP, SAT and the acorn logo are registered trademarks of the College Board. SAT Subject Tests is a trademark owned by the College Board. PSAT/NMSQT is a registered trademark of the College Board and National Merit Scholarship Corporation. Visit the College Board on the Web: www.collegeboard.org.

The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) 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 2015* includes students who tested through June 2015.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2015 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, 1972–2015

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

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 2000–2015, 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 present include students testing through June. For further information see www.collegeboard.org/cbs.

Table of Contents

SAT®

SAT Data	Page 1
----------	--------

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity	Page 3
---	--------

Table 8: Total Mean Scores by Ethnicity
Table 9: Male Mean Scores by Ethnicity
Table 10: Female Mean Scores by Ethnicity

SAT: Student Background Information and Characteristics	Page 4
---	--------

Table 11: Student Background Information and Characteristics
--

Academic Information

Academic Record	Page 5
-----------------	--------

Table 12: High School Rank
Table 13: High School Grade Point Average
Table 14: Average Years of Study in Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

Table 15: English and Language Arts, Mathematics
Table 16: Natural Sciences, Social Sciences and History
Table 17: Foreign and Classical Languages
Table 18: Arts and Music, Computers

SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

Table 19: Number of Test-Takers and Tests for SAT Subject Tests
Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

Table 21: English, History and Social Studies
Table 22: Mathematics, Science
Table 23: Foreign and Classical Languages
Table 24: Foreign and Classical Languages (continued)

College Plans

Intended College Major, Degree-Level Goal	Page 13
---	---------

Table 25: Intended College Major, Degree-Level Goal

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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

SAT[®] Data

Data in this report are for high school graduates in the year 2015. Information is summarized for seniors who took the SAT at any time during their high school years through June 2015. If a student took the test more than once, the most recent score is used.

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	21,545	523	103	527	104	502	100	50.7	10.3	7.1	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	9,531	529	105	548	105	497	102	50.6	10.4	6.9	1.5
Female	12,014	518	101	510	100	506	99	50.8	10.2	7.3	1.3

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the 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 (2014-2015)	13,257	509	99	514	101	488	95	49.3	9.8	7.0	1.4
Junior (2013-2014)	8,262	545	104	548	105	525	104	53.0	10.6	7.3	1.4
Sophomore (2012-2013)	22	495		519		480		49.0		6.5	
Freshman (2011-2012)	4										
Total	21,545	523	103	527	104	502	100	50.7	10.3	7.1	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	1,698,521	495	116	511	120	484	115	48.7	11.6	7.0	1.7

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2015 cohort took the SAT Writing section. The Writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

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	590	600	570	570	590	560
50th	520	520	500	490	510	480
25th	450	460	430	410	430	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700-800	559	536	1,095	762	423	1,185	321	432	753
600-690	1,906	2,084	3,990	2,427	1,981	4,408	1,283	1,812	3,095
500-590	3,406	4,211	7,617	3,407	4,167	7,574	2,982	3,947	6,929
400-490	2,768	3,935	6,703	2,238	4,029	6,267	3,483	4,360	7,843
300-390	786	1,133	1,919	632	1,296	1,928	1,307	1,353	2,660
200-290	106	115	221	65	118	183	155	110	265

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	18,940	91	44	56	520	526	499
Religiously Affiliated	1,715	8	50	50	546	537	529
Independent	270	1	48	52	565	572	549
Other or Unknown	620		46	54	522	499	494

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	385	2	474	101	480	98	450	88
Asian, Asian American, or Pacific Islander	1,761	8	542	116	584	113	529	121
Black or African American	1,219	6	473	97	468	96	452	92
Mexican or Mexican American	3,322	15	486	96	489	97	467	90
Puerto Rican	121	1	520	95	512	99	506	99
Other Hispanic, Latino, or Latin American	1,844	9	477	95	481	94	460	90
White	11,955	55	544	96	545	97	521	95
Other	530	2	531	107	527	106	510	106
No Response	408	2	508	105	512	104	484	102
Total	21,545	100	523	103	527	104	502	100

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	148	1	477	106	492	105	445	88
Asian, Asian American, or Pacific Islander	812	4	545	118	601	111	520	124
Black or African American	554	3	463	98	472	101	437	90
Mexican or Mexican American	1,406	7	493	99	510	100	464	92
Puerto Rican	48	0	523	97	530	104	500	99
Other Hispanic, Latino, or Latin American	716	3	489	95	509	97	460	90
White	5,435	25	549	98	565	98	515	96
Other	216	1	538	108	555	103	502	107
No Response	196	1	511	114	529	108	475	107
Total	9,531	44	529	105	548	105	497	102

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	237	1	471	98	472	92	453	88
Asian, Asian American, or Pacific Islander	949	4	539	115	570	113	536	118
Black or African American	665	3	481	97	465	92	465	91
Mexican or Mexican American	1,916	9	480	93	473	92	469	87
Puerto Rican	73	0	518	94	500	93	509	98
Other Hispanic, Latino, or Latin American	1,128	5	470	94	463	88	460	90
White	6,520	30	540	94	528	93	526	93
Other	314	1	526	106	508	105	516	105
No Response	212	1	506	96	496	98	492	97
Total	12,014	56	518	101	510	100	506	99

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	21,545	100	523	103	527	104	502	100
First Language Learned								
English	16,357	77	533	99	533	100	510	97
English and Another	2,901	14	497	107	506	112	481	106
Another Language	2,044	10	477	107	505	114	469	105
No Response	243		528	103	528	101	506	98
Citizenship								
U.S. Citizen / U.S. National	20,071	96	526	101	528	103	505	99
U.S. Permanent Resident or Refugee	502	2	488	112	515	122	479	116
Citizen of Another Country	318	2	475	104	545	115	465	105
Other, Unknown, or No Response	654		464	99	484	102	451	90
Plans to Apply for Financial Aid								
Yes	14,826	75	521	102	523	103	500	99
No	1,324	7	529	98	539	101	512	97
Don't Know	3,672	19	527	103	537	105	506	103
No Response	1,723		519	110	531	108	502	107
Family Income								
\$0 - \$20,000	1,477	10	465	101	469	99	450	93
\$20,000–\$40,000	2,426	16	491	97	494	97	470	91
\$40,000–\$60,000	2,295	15	510	95	512	96	486	90
\$60,000–\$80,000	2,179	14	523	95	524	97	501	93
\$80,000–\$100,000	1,869	12	534	96	538	97	508	93
\$100,000–\$120,000	1,681	11	537	95	542	96	514	93
\$120,000–\$140,000	928	6	536	95	547	98	514	96
\$140,000–\$160,000	688	4	549	94	556	98	529	93
\$160,000–\$200,000	771	5	547	95	556	91	528	95
More than \$200,000	1,143	7	567	98	575	101	552	100
No Response	6,088		530	108	535	110	511	107
Highest Level of Parental Education								
No High School Diploma	1,101	5	452	94	462	95	436	85
High School Diploma	5,601	27	490	93	493	95	470	89
Associate Degree	1,661	8	501	89	506	92	478	86
Bachelor's Degree	7,166	35	537	97	542	98	515	94
Graduate Degree	5,163	25	568	102	570	104	547	104
No Response	853		482	104	494	104	469	103
Took the PSAT/NMSQT®								
Yes, As a Junior	6,614	32	524	98	528	99	504	95
Yes, As a Sophomore or Younger	3,264	16	524	95	528	97	503	93
Yes, As a Junior and As a Sophomore or Younger	5,019	24	575	100	579	101	557	99
No	5,623	27	478	91	481	93	454	84
No Response	1,025		499	105	511	107	483	102

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	4,334	41	41	59	583	597	564
Second Tenth	2,988	28	43	57	524	533	505
Second Fifth	1,791	17	48	52	494	500	472
Final Three Fifths	1,585	15	50	50	458	462	440
No Response	10,847		45	55	513	511	491

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)	1,709	8	39	61	598	609	582
A (93–96)	5,120	25	36	64	562	571	545
A- (90–92)	4,403	22	43	57	535	540	514
B (80–89)	7,856	38	48	52	490	492	468
C (70–79)	1,371	7	61	39	452	449	426
D, E, or F (below 70)	16	0	100	0	431	434	411
No Response	1,070		44	56	494	494	471
Mean Grade Point Average	All Students: 3.48		Male: 3.39		Female: 3.55		

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	2.0	2.4	2.3	3.82	3.92	3.87
English and Language Arts	3.9	3.9	3.9	3.39	3.62	3.52
Foreign and Classical Languages	2.5	2.6	2.5	3.39	3.60	3.51
Mathematics	4.1	4.0	4.0	3.29	3.29	3.29
Natural Sciences	3.4	3.4	3.4	3.39	3.45	3.42
Social Sciences and History	3.3	3.3	3.3	3.51	3.57	3.54
Total for All Subjects	19.2	19.6	19.4			

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,653	9	47	53	540	544	520	
4 Years	14,839	78	43	57	529	533	508	
3 Years	1,829	10	42	58	494	496	473	
2 Years	299	2	44	56	485	499	465	
1 Year	140	1	46	54	483	482	464	
1/2 Year or Less	231	1	47	53	443	451	421	
No Response	2,554		49	51	510	518	491	
AP [®] /Honors Courses	10,437	55	38	62	564	563	543	
Course Work or Experience								
English/Language Arts	17,638	96	43	57	525	528	504	
Journalism	1,281	7	31	69	522	510	508	
Creative Writing	2,721	15	41	59	522	513	503	
American Literature	9,523	52	42	58	535	536	514	
Composition/Writing	8,021	44	42	58	529	529	510	
British Literature	2,946	16	41	59	550	545	528	
World Literature	4,411	24	43	57	538	537	517	
Communications	985	5	43	57	510	511	493	
Public Speaking	1,988	11	42	58	526	524	509	
English As Second Language	567	3	41	59	446	491	442	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,416	23	47	53	559	581	537	
4 Years	12,381	65	43	57	519	518	498	
3 Years	1,743	9	42	58	490	485	471	
2 Years	252	1	42	58	480	492	460	
1 Year	133	1	43	57	482	481	462	
1/2 Year or Less	242	1	44	56	449	443	427	
No Response	2,378		48	52	512	519	494	
AP/Honors Courses	9,832	51	44	56	563	580	542	
Highest Level of Mathematics Achieved*								
Calculus	6,751	36	49	51	578	602	557	
Pre-calculus	6,306	33	41	59	514	512	492	
Geometry	5,267	28	39	61	472	457	453	
Algebra II	167	1	40	60	467	457	442	
Algebra I	36	0	39	61	432	398	430	

*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	1,719	9	47	53	569	583	548	
4 Years	7,329	39	44	56	545	552	525	
3 Years	8,081	43	41	59	504	504	483	
2 Years	843	5	50	50	501	503	479	
1 Year	357	2	47	53	492	499	472	
1/2 Year or Less	387	2	43	57	459	465	440	
No Response	2,829		49	51	509	515	489	
AP/Honors Courses	8,512	45	43	57	570	581	549	
Course Work or Experience								
Biology	17,924	97	43	57	525	528	504	
Chemistry	16,266	88	43	57	531	535	510	
Physics	9,680	52	50	50	549	562	527	
Geology, Earth, or Space Science	5,951	32	43	57	499	494	478	
Other Sciences	7,790	42	37	63	513	512	492	

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	1,047	6	46	54	562	566	541	
4 Years	6,296	33	46	54	542	540	520	
3 Years	9,047	48	42	58	518	525	497	
2 Years	1,849	10	44	56	500	506	479	
1 Year	294	2	47	53	473	484	458	
1/2 Year or Less	285	2	44	56	446	457	431	
No Response	2,727		49	51	509	516	490	
AP/Honors Courses	8,547	45	40	60	572	574	551	
Course Work or Experience								
U.S. History	17,713	96	43	57	525	529	504	
World History or Cultures	16,189	87	43	57	523	527	502	
U.S. Government or Civics	15,617	84	42	58	527	531	506	
Economics	13,554	73	42	58	527	532	506	
Geography	4,380	24	43	57	522	526	502	
Psychology	4,663	25	33	67	544	541	525	
European History	2,861	15	48	52	565	561	544	
Sociology	1,561	8	34	66	517	511	496	
Ancient History	1,905	10	50	50	536	534	514	
Other Courses	1,643	9	40	60	530	529	510	

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	864	5	44	56	577	588	565
4 Years	2,953	16	41	59	577	580	563
3 Years	3,901	21	41	59	544	548	524
2 Years	9,485	50	45	55	505	509	481
1 Year	934	5	44	56	482	483	459
1/2 Year or Less	682	4	47	53	463	463	436
No Response	2,726		49	51	508	515	489
AP/Honors Courses	4,712	25	39	61	579	586	564
Course Work or Experience							
Chinese	488	3	48	52	560	585	538
French	2,707	15	33	67	536	528	513
German	493	3	56	44	550	542	514
Greek	133	1	39	61	611	601	603
Hebrew	29	0	52	48	578	582	552
Italian	43	0	53	47	481	488	471
Japanese	183	1	50	50	555	552	519
Korean	32	0	41	59	479	539	466
Latin	608	3	46	54	585	577	564
Russian	63	0	59	41	520	517	502
Spanish	13,916	75	45	55	520	525	501
Other Languages	684	4	32	68	493	497	471

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, Computers

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	1,089	7	38	62	555	553	535	
4 Years	3,049	19	34	66	553	545	533	
3 Years	2,131	13	33	67	529	529	508	
2 Years	3,679	23	44	56	524	529	503	
1 Year	4,940	30	52	48	523	535	502	
1/2 Year or Less	1,337	8	50	50	489	498	467	
No Response	5,320		48	52	503	510	484	
AP/Honors Courses	1,589	10	37	63	585	584	567	
Course Work or Experience								
Acting or Play Production	3,347	19	34	66	555	540	533	
Art History or Appreciation	3,053	17	41	59	526	523	506	
Dance	3,028	17	8	92	504	500	493	
Drama: Study or Appreciation	3,378	19	33	67	537	527	517	
Music: Study or Appreciation	2,059	12	45	55	560	553	541	
Music Performance	6,821	38	42	58	546	545	524	
Photography or Film	4,326	24	37	63	523	520	504	
Studio Art and Design	4,874	27	38	62	537	537	517	
None	1,994	11	63	37	488	505	464	

Computers†	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	762	52	45	55	582	595	567
Computer Programming	261	18	61	39	599	622	579
Word Processing	696	48	46	54	586	600	571
Internet Activity	609	42	44	56	592	602	575
Using Computer Graphics	424	29	53	47	576	593	562
Creating Spreadsheets/Databases	429	29	48	52	587	602	571
None	418	29	40	60	564	577	552

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.

*Information about Arts & Music is incomplete for the 2015 cohort as data was not collected through the online registration process between January and June 2015. The full collection of this data has resumed.

†Information about Computer Experience represents a small sample of the 2015 cohort as this information is no longer collected through the online registration process as of November 2013.

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
1,761	4,404	1,617	650	665	639

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	173	10
2	812	46
3	576	33
4 or More	200	11

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 SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	500	637	94	457	660	89	636	88	648	97	
History and Social Studies											
U.S. History	629	661	91	577	664	84	660	88	653	93	
World History	118	638	98	105	678	82	658	95	662	91	
Mathematics											
Mathematics Level 1	419	618	97	365	611	95	630	90	600	100	
Mathematics Level 2	1,118	694	82	1,046	665	82	696	69	657	85	
Science											
Biology-E	226	650	88	206	661	86	665	88	647	93	
Biology-M	325	675	82	309	665	80	686	76	653	88	
Chemistry	414	668	96	389	668	88	698	77	661	94	
Physics	366	674	88	343	667	86	705	66	647	93	
Foreign and Classical Languages											
Chinese/Listening	22	732		22	614		678		592		
French	32	602	122	29	660	80	630	76	653	94	
French/Listening	4			4							
German	2			1							
German/Listening	2			2							
Modern Hebrew	1			1							
Italian	1			1							
Japanese/Listening	1			1							
Korean/Listening	7	763		7	574		697		609		
Latin	37	630	103	37	671	86	661	98	676	85	
Spanish	163	644	112	143	635	95	637	95	632	105	
Spanish/Listening	17	654		16	576		596		574		

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	66	13	119	19	17	14
700-740	83	17	135	21	22	19
650-690	111	22	136	22	15	13
600-640	92	18	109	17	29	25
550-590	70	14	57	9	16	14
500-540	32	6	40	6	7	6
450-490	30	6	16	3	8	7
400-440	12	2	12	2	4	3
350-390	3	1	5	1		
300-340	1	0				
250-290						
200-240						
Total	500		629		118	
Mean	637		661		638	
SD	94		91		98	
75th percentile	710		730		720	
50th percentile	650		670		630	
25th percentile	570		610		570	

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	27	6	370	33	24	11	66	20	103	25	97	27
700-740	69	16	215	19	58	26	83	26	85	21	70	19
650-690	96	23	216	19	42	19	71	22	74	18	68	19
600-640	82	20	171	15	48	21	45	14	56	14	59	16
550-590	54	13	98	9	30	13	32	10	45	11	34	9
500-540	39	9	37	3	13	6	20	6	27	7	28	8
450-490	25	6	8	1	4	2	7	2	13	3	9	2
400-440	14	3	3	0	4	2			8	2	1	0
350-390	8	2			2	1	1	0	3	1		
300-340	5	1			1	0						
250-290												
200-240												
Total	419		1,118		226		325		414		366	
Mean	618		694		650		675		668		674	
SD	97		82		88		82		96		88	
75th percentile	690		760		720		730		740		750	
50th percentile	630		700		650		690		680		680	
25th percentile	560		640		600		620		600		610	

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	17	77	5	16	2	50						
700-740	1	5	4	13					1	50		
650-690			3	9								
600-640			3	9			1	50			1	100
550-590			5	16								
500-540	1	5	4	13								
450-490	2	9	4	13	2	50						
400-440	1	5	4	13			1	50				
350-390									1	50		
300-340												
250-290												
200-240												
Total	22		32		4		2		2		1	
Mean	732		602									
SD			122									
75th percentile	800		700									
50th percentile	800		590									
25th percentile	700		480									

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	5	71	5	14	40	25	5	29
700-740	1	100					8	22	27	17	3	18
650-690					2	29	2	5	22	13	1	6
600-640							10	27	16	10	2	12
550-590							4	11	23	14	2	12
500-540							4	11	15	9	3	18
450-490							2	5	14	9		
400-440							2	5	3	2	1	6
350-390									3	2		
300-340												
250-290												
200-240												
Total	1		1		7		37		163		17	
Mean					763		630		644		654	
SD							103		112			
75th percentile							720		740			
50th percentile							620		650			
25th percentile							550		550			

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	151	1	501	492	483
Architecture and Related Services	224	1	510	537	493
Area, Ethnic, Cultural and Gender Studies	17	0	599	547	560
Biological and Biomedical Sciences	1,431	8	556	556	533
Business Management, Marketing, and Related Support Services	2,241	12	512	523	492
Communication, Journalism and Related Programs	483	3	531	501	518
Computer and Information Sciences and Support Services	570	3	546	566	507
Construction Trades	6	0	433	493	453
Education	610	3	511	503	495
Engineering	2,314	12	555	590	524
Engineering Technologies/Technicians	245	1	519	556	480
English Language and Literature/Letters	238	1	578	521	556
Family and Consumer Sciences/Human Sciences	53	0	460	459	453
Foreign Languages, Literatures, and Linguistics	109	1	565	538	544
Health Professions and Related Clinical Services	4,082	22	508	513	495
History	112	1	573	539	524
Legal Professions and Studies	458	2	543	528	524
Liberal Arts and Sciences, General Studies, and Humanities	123	1	544	500	524
Library Science And Administration	1	0			
Mathematics and Statistics	148	1	565	614	553
Mechanic and Repair Technologies/Technician	35	0	461	469	431
Military Technologies And Applied Sciences	98	1	514	524	485
Multi/Interdisciplinary Studies	155	1	594	601	577
Natural Resources and Conservation	77	0	569	549	530
Parks, Recreation, Leisure and Fitness Studies	89	0	463	481	447
Personal and Culinary Services	57	0	480	492	459
Philosophy and Religious Studies	33	0	544	527	504
Physical Sciences	298	2	562	577	531
Precision Production	2	0			
Psychology	944	5	518	500	501
Public Administration and Social Services Professions	42	0	507	511	505
Security and Protective Services	519	3	476	477	460
Social Sciences	345	2	568	550	548
Theology and Religious Vocations	34	0	525	528	513
Transportation and Materials Moving	8	0	501	503	444
Visual and Performing Arts	1,196	6	534	515	514
Other	220	1	498	489	469
Undecided	1,065	6	552	553	534
Degree-Level Goal					
Certificate Program	129	1	483	490	462
Associate Degree	155	1	433	434	423
Bachelor's Degree	6,284	31	500	505	478
Master's Degree	6,013	30	529	535	508
Doctoral or Related Degree	4,955	25	548	552	530
Other	65	0	462	452	440
Undecided	2,449	12	525	526	503

College Plans

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

Of the 21,689 students from your state who took the SAT and/or an SAT Subject Test, 13,352 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 1,579 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Arizona State University	AZ	Public	7,244	54.3
University of Arizona	AZ	Public	6,162	46.2
Northern Arizona University	AZ	Public	4,290	32.1
Grand Canyon University	AZ	Private	1,697	12.7
Stanford University	CA	Private	942	7.1
NCAA Eligibility Center	IN	Public	744	5.6
University of Southern California	CA	Private	682	5.1
University of California: Los Angeles	CA	Public	651	4.9
University of California: Berkeley	CA	Public	630	4.7
The Flinn Foundation	AZ	Scholarship	458	3.4
Harvard College	MA	Private	437	3.3
University of California: San Diego	CA	Public	430	3.2
University of Washington	WA	Public	417	3.1
San Diego State University	CA	Public	393	2.9
New York University	NY	Private	336	2.5
Columbia University	NY	Private	336	2.5
University of Colorado Boulder	CO	Public	333	2.5
Yale University	CT	Private	322	2.4
Massachusetts Institute of Technology	MA	Private	315	2.4
University of Pennsylvania	PA	Private	310	2.3
NMSC Scholarship Admin	IL	Scholarship	310	2.3
Princeton University	NJ	Private	306	2.3
University of Chicago	IL	Private	304	2.3
Cornell University	NY	Private	304	2.3
Duke University	NC	Private	294	2.2
University of San Diego	CA	Private	288	2.2
Baylor University	TX	Private	286	2.1
Brown University	RI	Private	271	2.0
Northwestern University	IL	Private	270	2.0
University of Oregon	OR	Public	269	2.0
Brigham Young University	UT	Private	268	2.0
Vanderbilt University	TN	Private	262	2.0
Boston University	MA	Private	253	1.9
University of Texas at Austin	TX	Public	251	1.9
Colorado State University	CO	Public	242	1.8
Embry-Riddle Aeronautical Univ: Prescott	AZ	Private	228	1.7
Johns Hopkins University	MD	Private	224	1.7
Washington University in St. Louis	MO	Private	218	1.6
University of Michigan	MI	Public	216	1.6
Rice University	TX	Private	213	1.6
Dartmouth College	NH	Private	210	1.6
University of Portland	OR	Private	198	1.5
University of California: Santa Barbara	CA	Public	195	1.5
Fordham University	NY	Private	191	1.4
University of Notre Dame	IN	Private	189	1.4

*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.

Areas Served by College Board Regional Offices



The College Board National Office

250 Vesey Street
New York, NY 10281
212-713-8000
212-713-8255 (Fax)

Middle States Regional Office

Three Bala Plaza East, Suite 501
Bala Cynwyd, PA 19004-1501
866-392-3019
610-227-2580 (Fax)

Midwestern Regional Office

8700 West Bryn Mawr Avenue, Suite 900N
Chicago, IL 60631-3512
866-392-4086
847-653-4528 (Fax)

New England Regional Office

1601 Trapelo Road, Suite 12
Waltham, MA 02451-7333
866-392-4089
781-663-2743 (Fax)

Southern Regional Office

3700 Crestwood Parkway NW, Suite 700
Duluth, GA 30096-7155
866-392-4088
770-225-4062 (Fax)

Southwestern Regional Office

4330 Gaines Ranch Loop, Suite 200
Austin, TX 78735-6735
866-392-3017
512-721-1841 (Fax)

Western Regional Office

2001 Gateway Place, Suite 220W
San Jose, CA 95110-1051
866-392-4078
408-367-1459 (Fax)

Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501
San Juan, PR 00918-1017
Mailing address:
P.O. Box 71101
San Juan, PR 00936-8001
787-772-1200
787-759-8629 (Fax - Reception area)
787-764-4306 (Fax - Director's office)

The College Board International

250 Vesey Street
New York, NY 10281
212-373-8738
646-417-7350 (Fax)

Washington Office

1919 M Street NW, Suite 300
Washington, DC 20036-2375
202-741-4700
202-741-4743 (Fax)

Florida Office

1545 Raymond Diehl Road, Suite 250
Tallahassee, FL 32308-1500
850-521-4900
850-521-4921 (Fax)