

SAT[®]

2014 College-Bound Seniors

State Profile Report



MONTANA

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 2014 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 Oct. 7, 2014 when the College Board will make state and total group-level data and information publicly available.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College Board national press conference, please contact the College Board communications department at communications@collegeboard.org.*

© 2014 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 and Skills Insight are trademarks 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 2014 includes students who tested through June 2014.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2014 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 the 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, 1972–2014

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

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 2000–2014, 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
Table 8: Test-Taking Conditions

Demographic Information

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

Table 9: Total Mean Scores by Ethnicity
Table 10: Male Mean Scores by Ethnicity
Table 11: Female Mean Scores by Ethnicity

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

Table 12: Student Background Information and Characteristics
--

Academic Information

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

Table 13: High School Rank
Table 14: High School Grade Point Average
Table 15: Average Years of Study in Six Academic Subjects

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

Table 16: English and Language Arts, Mathematics
Table 17: Natural Sciences, Social Sciences and History
Table 18: Foreign and Classical Languages
Table 19: Arts and Music, Computers

SAT Subject Tests™

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

Table 20: Number of Test-Takers and Tests for SAT Subject Tests
Table 21: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

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

Table 22: English, History and Social Studies
Table 23: Mathematics, Science
Table 24: Foreign and Classical Languages
Table 25: Foreign and Classical Languages (continued)

College Plans

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

Table 26: Intended College Major, Degree-Level Goal

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

Table 27: 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 2014. Information is summarized for seniors who took the SAT at any time during their high school years through June 2014. 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	1,651	555	100	552	96	530	99	53.1	10.1	7.5	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	740	555	104	570	100	523	100	52.6	10.1	7.3	1.5
Female	911	555	97	537	91	536	98	53.5	10.0	7.6	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 (2013-2014)	1,044	550	102	541	96	522	100	52.3	10.1	7.4	1.4
Junior (2012-2013)	600	564	96	571	94	545	95	54.5	9.8	7.6	1.3
Sophomore (2011-2012)	6	473		532		425		45.7		5.2	
Freshman (2010-2011)	1										
Total	1,651	555	100	552	96	530	99	53.1	10.1	7.5	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	1,672,395	497	115	513	120	487	115	48.9	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 2014 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	630	620	600	570	600	560
50th	560	550	530	490	510	480
25th	490	490	460	420	430	410

Table 6: Score Distributions

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit www.collegeboard.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	52	66	118	72	35	107	28	45	73
600-690	214	252	466	246	215	461	144	204	348
500-590	279	334	613	258	369	627	293	339	632
400-490	144	218	362	132	241	373	203	259	462
300-390	40	38	78	25	46	71	60	62	122
200-290	11	3	14	7	5	12	12	2	14

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,310	84	43	57	553	556	529
Religiously Affiliated	115	7	51	49	539	537	525
Independent	141	9	60	40	570	545	544
Other or Unknown	85		39	61	577	523	532

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	64	4	519	85	504	97	488	89
Nonstandard Conditions	39	2	561	122	535	105	524	123

Note: Percentiles are reported when there are 20 or more test-takers.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: 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	35	2	512	96	493	97	474	92
Asian, Asian American, or Pacific Islander	51	3	537	128	576	96	527	123
Black or African American	22	1	500		477		480	
Mexican or Mexican American	12	1	525		511		502	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	27	2	539	124	510	104	501	114
White	1,392	84	559	96	557	93	535	96
Other	13	1	542		523		504	
No Response	97	6	542	103	535	101	513	106
Total	1,651	100	555	100	552	96	530	99

Table 10: 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	17	1	510		500		465	
Asian, Asian American, or Pacific Islander	17	1	505		596		521	
Black or African American	13	1	448		462		450	
Mexican or Mexican American	6	0	552		555		500	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	14	1	502		514		473	
White	597	36	563	96	579	93	530	92
Other	9	1	509		489		481	
No Response	65	4	544	114	548	107	514	118
Total	740	45	555	104	570	100	523	100

Table 11: 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	18	1	514		486		482	
Asian, Asian American, or Pacific Islander	34	2	553	101	566	88	530	111
Black or African American	9	1	576		499		524	
Mexican or Mexican American	6	0	498		467		503	
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	13	1	579		506		532	
White	795	48	556	96	540	90	538	99
Other	4	0						
No Response	32	2	540	78	509	80	512	75
Total	911	55	555	97	537	91	536	98

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	1,651	100	555	100	552	96	530	99
First Language Learned								
English	1,473	94	558	97	555	94	533	96
English and Another	61	4	511	114	495	108	477	113
Another Language	39	2	488	138	540	127	497	133
No Response	78		561	103	551	106	533	105
Citizenship								
U.S. Citizen / U.S. National	1,527	98	557	97	553	95	532	97
U.S. Permanent Resident or Refugee	11	1	570		559		545	
Citizen of Another Country	21	1	452		561		472	
Other, Unknown, or No Response	92		533	111	533	106	518	109
Plans to Apply for Financial Aid								
Yes	1,166	79	558	98	553	95	532	99
No	85	6	551	102	552	92	527	97
Don't Know	234	16	539	98	548	100	518	91
No Response	166		558	109	551	102	539	105
Family Income								
\$0 - \$20,000	61	5	509	111	511	108	488	117
\$20,000–\$40,000	146	12	548	101	531	100	511	93
\$40,000–\$60,000	197	17	546	93	546	95	520	95
\$60,000–\$80,000	215	18	554	95	560	90	533	96
\$80,000–\$100,000	177	15	548	103	561	97	525	95
\$100,000–\$120,000	148	13	555	97	544	86	533	99
\$120,000–\$140,000	77	7	561	90	565	85	538	93
\$140,000–\$160,000	32	3	573	87	567	87	550	83
\$160,000–\$200,000	52	4	578	80	569	91	561	84
More than \$200,000	79	7	586	82	587	95	561	91
No Response	467		559	106	551	99	534	104
Highest Level of Parental Education								
No High School Diploma	12	1	428		423		433	
High School Diploma	284	18	513	91	518	88	486	87
Associate Degree	97	6	518	96	521	100	488	91
Bachelor's Degree	680	44	554	94	556	92	531	96
Graduate Degree	481	31	591	95	578	93	566	94
No Response	97		555	113	539	109	527	107
Took the PSAT/NMSQT®								
Yes, As a Junior	705	46	567	95	565	93	541	95
Yes, As a Sophomore or Younger	206	14	543	90	549	87	520	85
Yes, As a Junior and As a Sophomore or Younger	307	20	590	89	582	86	570	90
No	300	20	504	101	503	97	475	96
No Response	133		540	111	529	101	520	108

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 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	517	49	42	58	599	609	580
Second Tenth	266	25	42	58	552	550	525
Second Fifth	167	16	49	51	531	528	499
Final Three Fifths	105	10	57	43	484	470	451
No Response	596		45	55	536	525	512

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	172	11	34	66	612	622	598
A (93–96)	494	32	41	59	589	592	570
A- (90–92)	342	22	39	61	556	547	529
B (80–89)	445	29	49	51	509	506	480
C (70–79)	71	5	68	32	472	453	433
D, E, or F (below 70)	3	0	33	67			
No Response	124		62	38	547	532	515
Mean Grade Point Average	All Students: 3.61		Male: 3.53		Female: 3.67		

Table 15: 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	2.4	2.8	2.6	3.81	3.94	3.89
English and Language Arts	4.0	4.0	4.0	3.54	3.78	3.67
Foreign and Classical Languages	2.4	2.6	2.5	3.51	3.72	3.63
Mathematics	4.0	3.9	3.9	3.39	3.40	3.40
Natural Sciences	3.7	3.6	3.6	3.55	3.57	3.56
Social Sciences and History	3.4	3.4	3.4	3.65	3.70	3.68
Total for All Subjects	19.9	20.3	20.0			

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: 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	144	10	35	65	564	559	540	
4 Years	1,188	83	44	56	558	557	533	
3 Years	73	5	40	60	513	504	492	
2 Years	14	1	36	64	485	499	464	
1 Year	8	1	25	75	508	536	476	
1/2 Year or Less	8	1	50	50	504	481	481	
No Response	216		58	42	551	545	530	
AP@/Honors Courses	726	51	38	62	596	584	572	
Course Work or Experience								
English/Language Arts	1,366	98	42	58	555	552	530	
Journalism	156	11	30	70	550	531	527	
Creative Writing	373	27	38	62	546	533	522	
American Literature	780	56	42	58	558	553	535	
Composition/Writing	753	54	42	58	548	546	526	
British Literature	214	15	42	58	581	558	552	
World Literature	457	33	46	54	564	555	537	
Communications	131	9	44	56	538	522	512	
Public Speaking	331	24	37	63	550	538	523	
English As Second Language	35	3	43	57	461	504	457	

Mathematics		Test-Takers		Percent by Gender		SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	242	17	46	54	578	601	554	
4 Years	919	64	44	56	561	559	536	
3 Years	235	16	36	64	520	494	494	
2 Years	22	2	45	55	501	465	452	
1 Year	9	1	22	78	433	461	422	
1/2 Year or Less	11	1	45	55	522	491	499	
No Response	213		57	43	554	547	532	
AP/Honors Courses	656	46	45	55	593	608	570	
Highest Level of Mathematics Achieved*								
Calculus	578	41	48	52	596	617	573	
Pre-calculus	403	28	44	56	539	531	516	
Geometry	403	28	33	67	514	487	485	
Algebra II	13	1	54	46	508	452	458	
Algebra I	8	1	38	63	451	374	386	

*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 17: 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	197	14	44	56	596	606	566	
4 Years	670	47	48	52	565	569	541	
3 Years	418	29	34	66	534	520	513	
2 Years	101	7	42	58	506	490	472	
1 Year	24	2	50	50	540	543	489	
1/2 Year or Less	16	1	44	56	530	504	501	
No Response	225		56	44	554	548	530	
AP/Honors Courses	470	33	43	57	601	605	578	
Course Work or Experience								
Biology	1,374	98	42	58	555	553	530	
Chemistry	1,156	83	42	58	563	563	539	
Physics	702	50	55	45	580	590	554	
Geology, Earth, or Space Science	971	69	43	57	549	548	522	
Other Sciences	623	44	39	61	546	540	524	

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	71	5	41	59	561	565	536	
4 Years	605	42	45	55	567	552	540	
3 Years	636	44	41	59	550	559	528	
2 Years	83	6	51	49	527	512	488	
1 Year	21	1	48	52	489	519	464	
1/2 Year or Less	14	1	43	57	519	521	489	
No Response	221		55	45	553	546	532	
AP/Honors Courses	561	39	40	60	604	592	580	
Course Work or Experience								
U.S. History	1,348	97	42	58	555	553	530	
World History or Cultures	1,099	79	43	57	556	555	530	
U.S. Government or Civics	1,278	92	42	58	557	556	532	
Economics	292	21	46	54	563	551	533	
Geography	404	29	42	58	552	543	527	
Psychology	418	30	34	66	555	544	527	
European History	336	24	43	57	578	560	552	
Sociology	117	8	32	68	532	529	500	
Ancient History	194	14	41	59	565	555	533	
Other Courses	302	22	38	62	551	552	528	

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: 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	72	5	43	57	584	583	547
4 Years	254	18	35	65	601	590	579
3 Years	269	19	40	60	576	568	556
2 Years	635	45	45	55	539	542	514
1 Year	95	7	49	51	510	514	482
1/2 Year or Less	101	7	56	44	508	504	479
No Response	225		56	44	552	546	529
AP/Honors Courses	164	12	36	64	614	610	590
Course Work or Experience							
Chinese	20	1	75	25	581	595	543
French	229	17	29	71	554	543	533
German	161	12	50	50	566	561	533
Greek	6	0	33	67	533	488	517
Hebrew	4	0	50	50			
Italian	7	1	29	71	621	561	557
Japanese	3	0	100	0			
Korean		0					
Latin	113	8	47	53	594	570	563
Russian	9	1	33	67	581	546	492
Spanish	886	64	42	58	554	557	533
Other Languages	42	3	31	69	549	518	526

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 19: Arts and Music, Computers

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	145	10	31	69	590	577	557
4 Years	367	26	34	66	574	559	548
3 Years	195	14	41	59	542	535	515
2 Years	309	22	46	54	544	547	519
1 Year	343	24	56	44	548	558	526
1/2 Year or Less	69	5	45	55	502	521	491
No Response	223		57	43	553	546	531
AP/Honors Courses	115	8	27	73	595	571	565
Course Work or Experience							
Acting or Play Production	301	22	32	68	581	556	553
Art History or Appreciation	235	17	41	59	554	545	531
Dance	112	8	12	88	573	550	547
Drama: Study or Appreciation	199	14	30	70	559	542	536
Music: Study or Appreciation	184	13	40	60	592	562	557
Music Performance	795	58	37	63	572	563	546
Photography or Film	309	22	32	68	543	531	518
Studio Art and Design	396	29	35	65	555	552	530
None	141	10	62	38	513	545	491

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	869	69	43	57	558	558	535
Computer Programming	180	14	59	41	561	566	537
Word Processing	878	70	42	58	559	557	534
Internet Activity	607	48	43	57	560	558	536
Using Computer Graphics	471	37	47	53	557	561	534
Creating Spreadsheets/Databases	568	45	43	57	560	562	535
None	140	11	41	59	569	561	544

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.

SAT Subject Tests™ Data

Table 20: 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
130	311	112	656	648	638

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	8	6
2	68	52
3	50	38
4 or More	4	3

Table 21: 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		Critical Reading		Mathematics		Writing		
English					Mean	SD	Mean	SD	Mean	SD	
Literature	55	654	97	49	668	76	620	81	638	89	
History and Social Studies											
U.S. History	50	626	95	47	657	83	624	76	646	76	
World History	7	589		7	666		637		636		
Mathematics											
Mathematics Level 1	36	617	91	26	648	104	638	86	612	104	
Mathematics Level 2	69	674	84	62	649	75	676	63	639	77	
Science											
Biology-E	18	641		17	638		628		622		
Biology-M	12	675		9	701		682		680		
Chemistry	34	640	89	26	645	87	660	73	611	85	
Physics	15	631		11	679		684		645		
Foreign and Classical Languages											
Chinese/Listening											
French	3			2							
French/Listening											
German											
German/Listening	1			1							
Modern Hebrew											
Italian	2			2							
Japanese/Listening											
Korean/Listening	1			1							
Latin	2			2							
Spanish	5	594		5	624		634		644		
Spanish/Listening	1			1							

SAT Subject Tests Score Distributions

Table 22: 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	5	9	5	10	1	14
700-740	20	36	6	12		
650-690	9	16	13	26		
600-640	7	13	11	22		
550-590	5	9	6	12	4	57
500-540	4	7	3	6	2	29
450-490	1	2	3	6		
400-440	4	7	3	6		
350-390						
300-340						
250-290						
200-240						
Total	55		50		7	
Mean	654		626		589	
SD	97		95			
75th percentile	730		690			
50th percentile	670		640			
25th percentile	590		560			

Table 23: 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			21	30	2	11	3	25	4	12	1	7
700-740	10	28	10	14	2	11	3	25	6	18		
650-690	8	22	11	16	5	28	3	25	7	21	7	47
600-640	2	6	14	20	4	22			7	21	2	13
550-590	9	25	7	10	4	22	1	8	5	15	3	20
500-540	2	6	5	7	1	6	1	8	4	12	2	13
450-490	3	8	1	1			1	8				
400-440	2	6							1	3		
350-390												
300-340												
250-290												
200-240												
Total	36		69		18		12		34		15	
Mean	617		674		641		675		640		631	
SD	91		84						89			
75th percentile	700		750						700			
50th percentile	610		670						630			
25th percentile	550		620						560			

SAT Subject Tests Score Distributions

Table 24: 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												
700-740												
650-690			1	33								
600-640												
550-590									1	100		
500-540												
450-490			1	33								
400-440			1	33								
350-390												
300-340												
250-290												
200-240												
Total			3						1			
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: 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	50			1	100			1	20		
700-740	1	50							1	20		
650-690											1	100
600-640							1	50	1	20		
550-590							1	50				
500-540												
450-490									1	20		
400-440												
350-390									1	20		
300-340												
250-290												
200-240												
Total	2				1		2		5		1	
Mean									594			
SD												
75th percentile												
50th percentile												
25th percentile												

College Plans

Table 26: 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	18	1	514	502	487
Architecture and Related Services	20	1	555	607	522
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	86	6	582	566	557
Business Management, Marketing, and Related Support Services	116	8	528	537	508
Communication, Journalism and Related Programs	25	2	571	543	544
Computer and Information Sciences and Support Services	40	3	600	611	556
Construction Trades	0	0			
Education	74	5	525	516	515
Engineering	188	13	566	601	539
Engineering Technologies/Technicians	14	1	564	593	550
English Language and Literature/Letters	23	2	631	525	602
Family and Consumer Sciences/Human Sciences	5	0	474	460	458
Foreign Languages, Literatures, and Linguistics	15	1	630	571	593
Health Professions and Related Clinical Services	292	21	537	537	514
History	13	1	591	570	562
Legal Professions and Studies	39	3	559	544	549
Liberal Arts and Sciences, General Studies, and Humanities	15	1	613	566	563
Library Science And Administration	1	0			
Mathematics and Statistics	16	1	585	626	567
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	8	1	564	519	491
Multi/Interdisciplinary Studies	11	1	648	656	614
Natural Resources and Conservation	13	1	535	543	487
Parks, Recreation, Leisure and Fitness Studies	5	0	420	466	404
Personal and Culinary Services	1	0			
Philosophy and Religious Studies	5	0	652	628	650
Physical Sciences	37	3	597	608	569
Precision Production	1	0			
Psychology	55	4	538	498	502
Public Administration and Social Services Professions	5	0	486	496	502
Security and Protective Services	11	1	476	466	460
Social Sciences	31	2	608	595	577
Theology and Religious Vocations	5	0	596	588	564
Transportation and Materials Moving	2	0			
Visual and Performing Arts	116	8	573	548	548
Other	16	1	544	536	514
Undecided	92	6	568	565	551
Degree-Level Goal					
Certificate Program	7	0	497	513	504
Associate Degree	17	1	451	436	442
Bachelor's Degree	501	33	523	524	499
Master's Degree	394	26	561	562	536
Doctoral or Related Degree	317	21	594	589	568
Other	1	0			
Undecided	260	17	567	556	539

College Plans

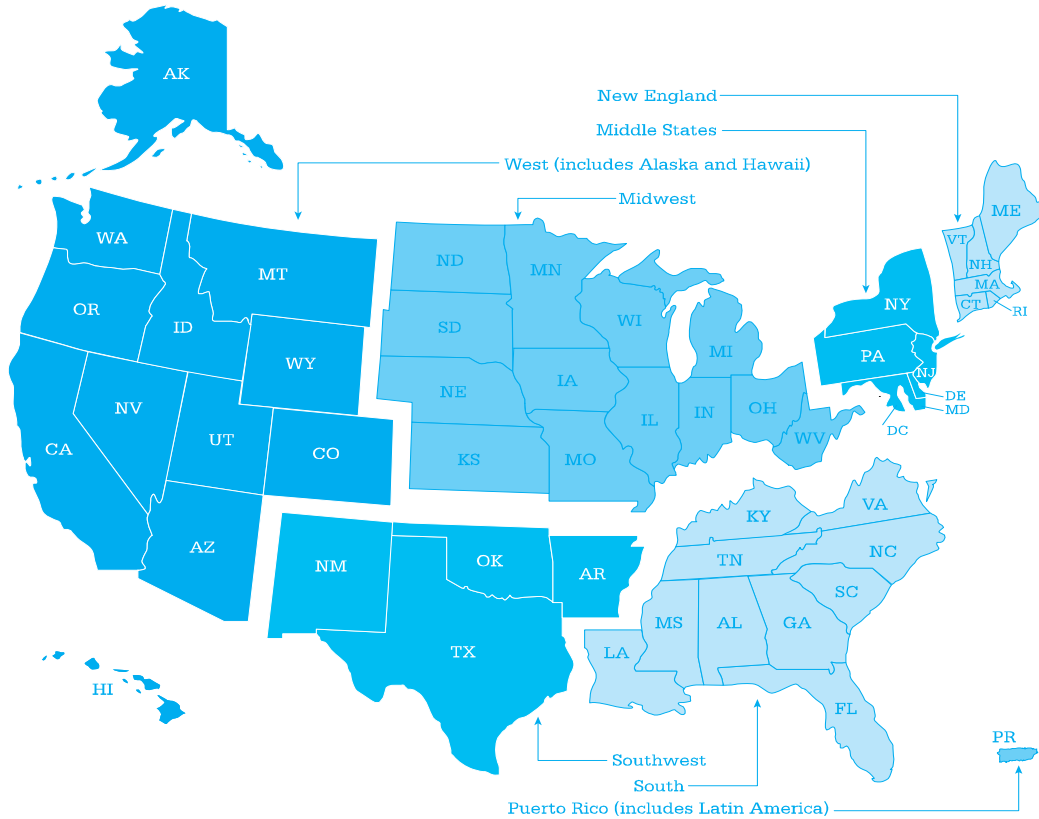
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 1,669 students from your state who took the SAT and/or an SAT Subject Test, 1,099 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 611 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Montana State University	MT	Public	581	52.9
University of Montana	MT	Public	359	32.7
Carroll College	MT	Private	131	11.9
University of Washington	WA	Public	78	7.1
Stanford University	CA	Private	68	6.2
Montana State University: Billings	MT	Public	63	5.7
Washington State University	WA	Public	62	5.6
Montana Tech of the University of Montana	MT	Public	62	5.6
NCAA Eligibility Center	IN	Public	59	5.4
MONTANA AGATE	MT	Scholarship	54	4.9
Gonzaga University	WA	Private	50	4.5
University of Oregon	OR	Public	49	4.5
Harvard College	MA	Private	47	4.3
University of Portland	OR	Private	44	4.0
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	44	4.0
University of Denver	CO	Private	39	3.5
University of Colorado Boulder	CO	Public	38	3.5
Rocky Mountain College	MT	Private	36	3.3
Boise State University	ID	Public	35	3.2
Whitworth University	WA	Private	34	3.1
Colorado State University	CO	Public	34	3.1
University of Montana: Western	MT	Public	34	3.1
University of Puget Sound	WA	Private	33	3.0
Lewis & Clark College	OR	Private	32	2.9
University of California: Berkeley	CA	Public	32	2.9
University of Idaho	ID	Public	31	2.8
Whitman College	WA	Private	31	2.8
Seattle University	WA	Private	30	2.7
University of Utah	UT	Public	29	2.6
Arizona State University	AZ	Public	28	2.5
Oregon State University	OR	Public	28	2.5
Cornell University	NY	Private	26	2.4
Flathead Valley Community College	MT	Public	26	2.4
Western Washington University	WA	Public	26	2.4
Princeton University	NJ	Private	24	2.2
Yale University	CT	Private	23	2.1
University of Southern California	CA	Private	23	2.1
University of Notre Dame	IN	Private	21	1.9
Willamette University	OR	Private	21	1.9
Massachusetts Institute of Technology	MA	Private	21	1.9
Dartmouth College	NH	Private	21	1.9
Brigham Young University	UT	Private	20	1.8
Duke University	NC	Private	20	1.8
Boston University	MA	Private	20	1.8
NAIA ELIGIBILITY CENTER	MO	Scholarship	19	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.

Areas Served by College Board Regional Offices



The College Board National Office

45 Columbus Avenue
New York, NY 10023-6992
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

45 Columbus Avenue
New York, NY 10023-6992
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)