



2013 College-Bound Seniors

State Profile Report



VIRGINIA

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 2013 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 the College Board's press conference in mid-September.** 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.*

© 2013 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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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, 1972–2013

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

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 2000–2013, 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 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 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	60,640	516	109	514	109	498	107	50.4	10.7	6.9	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	28,453	518	111	530	112	491	107	50.0	10.7	6.7	1.7
Female	32,187	514	107	500	105	505	106	50.7	10.7	7.1	1.5

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 (2012-2013)	42,966	506	106	504	106	488	103	49.3	10.3	6.8	1.6
Junior (2011-2012)	17,563	540	113	538	113	523	112	53.1	11.1	7.2	1.6
Sophomore (2010-2011)	100	549	126	552	116	525	125	53.5	12.2	7.2	1.7
Freshman (2009-2010)	11	499		555		495		49.0		7.5	
Total	60,640	516	109	514	109	498	107	50.4	10.7	6.9	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	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2013 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	590	570	570	600	560
50th	510	510	490	490	510	480
25th	440	440	420	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	1,665	1,691	3,356	2,183	1,277	3,460	1,014	1,439	2,453
600–690	5,291	5,611	10,902	6,002	4,669	10,671	3,956	5,161	9,117
500–590	9,215	10,368	19,583	9,129	10,058	19,187	8,156	9,656	17,812
400–490	8,508	10,403	18,911	7,870	11,150	19,020	9,861	11,057	20,918
300–390	3,224	3,592	6,816	2,800	4,425	7,225	4,807	4,421	9,228
200–290	550	522	1,072	469	608	1,077	659	453	1,112

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	53,072	90	46	54	512	511	494
Religiously Affiliated	3,562	6	51	49	536	535	526
Independent	2,191	4	53	47	559	562	555
Other or Unknown	1,815		47	53	524	493	503

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	3,835	6	488	111	478	109	464	104
Nonstandard Conditions	1,329	2	507	120	503	126	492	115

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	335	1	505	99	492	92	480	92
Asian, Asian American, or Pacific Islander	5,420	9	540	119	587	117	535	120
Black or African American	12,008	20	440	94	432	90	424	89
Mexican or Mexican American	697	1	497	98	492	94	477	95
Puerto Rican	619	1	505	102	487	102	483	98
Other Hispanic, Latino, or Latin American	2,820	5	494	102	493	100	478	99
White	35,162	58	540	100	534	99	521	99
Other	2,290	4	516	110	511	111	500	106
No Response	1,289	2	507	114	498	107	485	109
Total	60,640	100	516	109	514	109	498	107

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	137	0	510	103	512	97	476	90
Asian, Asian American, or Pacific Islander	2,705	4	541	121	599	116	527	120
Black or African American	5,384	9	437	96	440	94	414	89
Mexican or Mexican American	313	1	510	99	514	93	479	97
Puerto Rican	278	0	514	103	507	105	480	99
Other Hispanic, Latino, or Latin American	1,299	2	497	103	510	103	474	99
White	16,649	27	542	101	550	100	513	99
Other	981	2	520	113	532	113	495	109
No Response	707	1	503	115	511	110	474	108
Total	28,453	47	518	111	530	112	491	107

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	198	0	502	95	479	85	482	93
Asian, Asian American, or Pacific Islander	2,715	4	539	118	574	117	543	119
Black or African American	6,624	11	443	93	427	86	432	88
Mexican or Mexican American	384	1	486	97	474	90	475	94
Puerto Rican	341	1	498	101	470	95	485	97
Other Hispanic, Latino, or Latin American	1,521	3	490	102	479	95	482	99
White	18,513	31	538	99	519	95	528	98
Other	1,309	2	514	108	495	106	504	104
No Response	582	1	513	114	483	100	500	108
Total	32,187	53	514	107	500	105	505	106

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	60,640	100	516	109	514	109	498	107
First Language Learned								
English	48,942	83	517	107	509	106	498	105
English and Another	5,982	10	510	112	519	117	499	112
Another Language	3,808	6	490	119	537	126	489	120
No Response	1,908		558	111	559	113	541	111
Citizenship								
U.S. Citizen / U.S. National	55,500	96	517	107	512	108	499	106
U.S. Permanent Resident or Refugee	1,596	3	482	120	522	128	479	121
Citizen of Another Country	869	1	478	117	562	127	487	122
Other, Unknown, or No Response	2,675		512	123	522	122	498	121
Plans to Apply for Financial Aid								
Yes	37,989	73	507	107	502	107	489	105
No	3,968	8	536	103	540	108	523	104
Don't Know	10,375	20	531	107	534	109	515	107
No Response	8,308		526	117	530	116	510	115
Family Income								
\$0 - \$20,000	2,392	9	437	100	437	101	423	93
\$20,000–\$40,000	3,514	13	463	98	459	97	443	92
\$40,000–\$60,000	3,621	13	486	99	480	98	466	93
\$60,000–\$80,000	3,569	13	497	96	492	95	477	92
\$80,000–\$100,000	3,249	12	512	101	506	100	492	98
\$100,000–\$120,000	3,095	12	526	100	524	100	507	98
\$120,000–\$140,000	1,856	7	529	100	527	101	511	102
\$140,000–\$160,000	1,381	5	539	100	537	101	520	99
\$160,000–\$200,000	1,797	7	546	101	542	100	526	103
More than \$200,000	2,433	9	567	104	570	104	554	102
No Response	33,733		524	111	523	111	508	109
Highest Level of Parental Education								
No High School Diploma	1,394	3	441	97	460	103	432	91
High School Diploma	14,424	26	471	96	468	96	454	91
Associate Degree	4,369	8	484	94	478	94	464	90
Bachelor's Degree	18,494	33	531	100	529	101	513	99
Graduate Degree	16,529	30	569	107	564	109	552	108
No Response	5,430		466	102	472	102	450	98
Took the PSAT/NMSQT®								
Yes, As a Junior	11,467	21	500	105	499	104	484	102
Yes, As a Sophomore or Younger	12,758	23	510	102	508	104	491	100
Yes, As a Junior and As a Sophomore or Younger	22,148	40	547	105	546	106	532	104
No	8,375	15	460	100	452	97	440	94
No Response	5,892		516	116	519	116	500	114

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	6,872	33	43	57	590	595	577
Second Tenth	5,325	26	45	55	522	526	505
Second Fifth	3,883	19	52	48	490	489	470
Final Three Fifths	4,505	22	52	48	445	437	424
No Response	40,055		47	53	512	509	495

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)	4,009	7	40	60	610	611	599
A (93–96)	11,798	21	40	60	574	577	561
A- (90–92)	10,217	18	44	56	539	540	522
B (80–89)	24,322	44	50	50	483	479	463
C (70–79)	5,383	10	57	43	424	415	405
D, E, or F (below 70)	154	0	57	43	421	414	394
No Response	4,757		50	50	516	510	495
Mean Grade Point Average	All Students: 3.38		Male: 3.31		Female: 3.45		

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	2.0	2.4	2.2	3.71	3.86	3.80
English and Language Arts	3.9	3.9	3.9	3.32	3.53	3.43
Foreign and Classical Languages	3.2	3.4	3.3	3.11	3.36	3.25
Mathematics	4.1	4.1	4.1	3.15	3.16	3.15
Natural Sciences	3.8	3.8	3.8	3.31	3.35	3.33
Social Sciences and History	3.9	3.9	3.9	3.41	3.41	3.41
Total for All Subjects	20.9	21.5	21.2			

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	6,989	14	45	55	536	535	521
4 Years	35,579	72	46	54	519	515	501
3 Years	4,924	10	45	55	479	475	463
2 Years	932	2	49	51	479	483	463
1 Year	507	1	46	54	470	473	451
1/2 Year or Less	549	1	49	51	432	442	418
No Response	11,160		51	49	518	521	502
AP®/Honors Courses	25,915	52	40	60	558	550	541
Course Work or Experience							
English/Language Arts	43,882	96	45	55	515	511	498
Journalism	4,849	11	31	69	523	506	510
Creative Writing	7,475	16	38	62	520	501	505
American Literature	25,157	55	43	57	526	519	509
Composition/Writing	19,980	44	43	57	517	509	501
British Literature	11,280	25	42	58	533	520	513
World Literature	12,620	28	44	56	530	521	512
Communications	2,616	6	44	56	502	495	487
Public Speaking	4,961	11	43	57	520	508	505
English As Second Language	1,866	4	45	55	447	495	446

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	15,810	32	47	53	557	570	540
4 Years	25,424	51	45	55	506	498	489
3 Years	6,208	13	46	54	463	446	445
2 Years	831	2	49	51	463	452	443
1 Year	413	1	49	51	469	481	452
1/2 Year or Less	718	1	44	56	443	435	426
No Response	11,236		51	49	518	520	502
AP/Honors Courses	19,965	40	46	54	569	583	553
Highest Level of Mathematics Achieved*							
Calculus	15,288	32	50	50	581	601	565
Pre-calculus	11,410	24	43	57	521	518	504
Geometry	20,439	42	44	56	463	445	445
Algebra II	697	1	50	50	481	464	458
Algebra I	136	0	53	47	403	376	391

*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	8,994	18	46	54	552	559	535	
4 Years	28,630	59	46	54	521	517	503	
3 Years	7,815	16	47	53	472	462	455	
2 Years	1,567	3	50	50	485	480	467	
1 Year	809	2	48	52	486	484	469	
1/2 Year or Less	966	2	43	57	442	444	425	
No Response	11,859		51	49	516	518	500	
AP/Honors Courses	20,536	42	44	56	566	569	549	
Course Work or Experience								
Biology	45,853	98	45	55	515	512	498	
Chemistry	42,614	91	45	55	523	521	506	
Physics	25,744	55	50	50	544	551	527	
Geology, Earth, or Space Science	31,554	67	45	55	501	494	483	
Other Sciences	16,462	35	40	60	503	496	486	

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	7,849	16	47	53	550	548	532	
4 Years	32,195	65	46	54	518	515	501	
3 Years	6,580	13	47	53	480	476	464	
2 Years	1,310	3	49	51	476	477	458	
1 Year	652	1	48	52	465	470	447	
1/2 Year or Less	644	1	46	54	433	439	419	
No Response	11,410		51	49	517	519	501	
AP/Honors Courses	25,642	52	44	56	560	555	541	
Course Work or Experience								
U.S. History	44,153	94	45	55	515	512	498	
World History or Cultures	40,600	87	45	55	518	515	500	
U.S. Government or Civics	39,010	83	45	55	516	512	498	
Economics	5,233	11	53	47	532	528	515	
Geography	14,044	30	44	56	501	497	485	
Psychology	14,022	30	36	64	537	526	520	
European History	9,314	20	46	54	551	541	531	
Sociology	5,316	11	36	64	513	498	495	
Ancient History	8,364	18	48	52	532	525	512	
Other Courses	5,282	11	43	57	527	520	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 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	7,417	15	40	60	578	576	565
4 Years	13,776	28	43	57	544	540	528
3 Years	20,043	41	47	53	499	498	481
2 Years	4,072	8	53	47	465	457	444
1 Year	1,448	3	55	45	434	430	414
1/2 Year or Less	2,211	5	56	44	420	421	401
No Response	11,673		51	49	516	518	500
AP/Honors Courses	9,217	19	38	62	587	585	575
Course Work or Experience							
Chinese	581	1	46	54	566	599	555
French	8,754	19	37	63	529	517	511
German	2,901	6	57	43	542	532	514
Greek	84	0	44	56	539	534	518
Hebrew	60	0	48	52	515	520	512
Italian	233	0	39	61	537	521	519
Japanese	761	2	46	54	547	550	520
Korean	119	0	43	57	486	553	481
Latin	6,232	13	47	53	545	535	522
Russian	253	1	51	49	549	547	531
Spanish	32,515	69	45	55	509	507	493
Other Languages	1,338	3	37	63	490	488	476

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	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	4,813	10	39	61	542	535	527
4 Years	8,729	19	38	62	538	528	522
3 Years	6,206	13	40	60	511	503	495
2 Years	8,659	18	45	55	512	510	495
1 Year	8,079	17	50	50	517	517	498
1/2 Year or Less	10,385	22	55	45	489	493	470
No Response	13,769		52	48	515	518	499
AP/Honors Courses	4,076	9	34	66	569	560	555
Course Work or Experience							
Acting or Play Production	6,789	15	32	68	550	523	532
Art History or Appreciation	6,098	14	39	61	515	501	497
Dance	3,666	8	11	89	508	496	500
Drama: Study or Appreciation	6,693	15	32	68	526	504	510
Music: Study or Appreciation	4,530	10	47	53	541	526	524
Music Performance	17,563	39	42	58	536	530	520
Photography or Film	9,248	21	31	69	515	504	501
Studio Art and Design	8,527	19	33	67	531	522	517
None	11,000	25	60	40	487	494	467

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	22,755	52	48	52	517	513	499
Computer Programming	8,041	18	63	37	518	528	498
Word Processing	22,800	52	45	55	517	511	499
Internet Activity	17,256	40	47	53	521	516	504
Using Computer Graphics	13,356	31	54	46	516	518	498
Creating Spreadsheets/Databases	12,000	27	49	51	521	521	504
None	10,027	23	38	62	513	508	498

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
8,934	22,286	8,762	636	648	627

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	808	9
2	4,108	46
3	3,110	35
4 or More	908	10

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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	2,750	632	88	2,688	650	82	619	79	638	82
History and Social Studies										
U.S. History	4,578	663	88	4,501	647	81	641	81	632	83
World History	907	649	94	887	654	80	652	82	644	82
Mathematics										
Mathematics Level 1	2,916	623	83	2,850	610	87	631	76	605	86
Mathematics Level 2	4,500	684	82	4,426	652	87	690	68	647	83
Science										
Biology-E	850	634	87	830	639	86	636	83	625	89
Biology-M	977	668	87	956	652	87	665	83	644	85
Chemistry	1,915	663	98	1,893	647	92	685	78	640	89
Physics	1,137	660	90	1,122	655	91	702	70	638	91
Foreign and Classical Languages										
Chinese/Listening	73	748	78	72	627	119	695	77	618	112
French	337	603	108	331	658	82	644	79	653	82
French/Listening	62	648	96	62	641	96	617	69	651	81
German	49	564	141	48	641	84	648	95	636	96
German/Listening	37	549	115	36	638	79	624	87	630	90
Modern Hebrew										
Italian	6	677		6	632		622		612	
Japanese/Listening	41	651	123	40	613	104	643	81	606	99
Korean/Listening	113	779	46	109	581	103	695	78	618	107
Latin	166	594	108	162	676	80	658	88	666	75
Spanish	763	616	114	757	643	85	637	86	643	85
Spanish/Listening	109	661	104	108	639	88	625	75	639	92

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	203	7	898	20	168	19
700-740	531	19	988	22	150	17
650-690	590	21	946	21	167	18
600-640	562	20	730	16	148	16
550-590	376	14	517	11	150	17
500-540	290	11	286	6	71	8
450-490	132	5	157	3	36	4
400-440	44	2	40	1	16	2
350-390	21	1	13	0	1	0
300-340	1	0	3	0		
250-290						
200-240						
Total	2,750		4,578		907	
Mean	632		663		649	
SD	88		88		94	
75th percentile	700		730		720	
50th percentile	640		670		650	
25th percentile	570		600		580	

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	138	5	1,316	29	97	11	220	23	462	24	236	21
700-740	511	18	718	16	121	14	169	17	381	20	198	17
650-690	575	20	906	20	176	21	207	21	297	16	216	19
600-640	665	23	849	19	191	22	190	19	293	15	208	18
550-590	529	18	525	12	140	16	105	11	230	12	149	13
500-540	288	10	148	3	71	8	61	6	135	7	85	7
450-490	129	4	28	1	34	4	15	2	77	4	32	3
400-440	59	2	8	0	13	2	4	0	32	2	13	1
350-390	16	1	1	0	7	1	5	1	8	0		
300-340	6	0	1	0			1	0				
250-290												
200-240												
Total	2,916		4,500		850		977		1,915		1,137	
Mean	623		684		634		668		663		660	
SD	83		82		87		87		98		90	
75th percentile	690		760		700		740		740		730	
50th percentile	630		680		640		670		680		670	
25th percentile	560		620		580		610		590		600	

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	50	68	41	12	10	16	7	14	3	8		
700-740	11	15	38	11	15	24	3	6	2	5		
650-690	5	7	45	13	9	15	2	4	5	14		
600-640	2	3	42	12	9	15	8	16	2	5		
550-590	2	3	49	15	8	13	7	14	2	5		
500-540	1	1	66	20	7	11	4	8	11	30		
450-490	1	1	38	11	4	6	6	12	6	16		
400-440	1	1	16	5			6	12	3	8		
350-390			2	1			4	8	3	8		
300-340							2	4				
250-290												
200-240												
Total	73		337		62		49		37			
Mean	748		603		648		564		549			
SD	78		108		96		141		115			
75th percentile	800		690		720		640		600			
50th percentile	770		590		670		550		520			
25th percentile	730		510		550		440		470			

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	3	50	10	24	101	89	19	11	123	16	30	28
700-740	1	17	6	15	6	5	18	11	106	14	16	15
650-690	1	17	10	24	3	3	18	11	96	13	18	17
600-640			5	12	2	2	21	13	115	15	17	16
550-590			3	7			31	19	106	14	12	11
500-540			4	10			22	13	87	11	7	6
450-490			1	2			28	17	75	10	6	6
400-440					1	1	8	5	35	5	3	3
350-390	1	17	1	2			1	1	12	2		
300-340									7	1		
250-290									1	0		
200-240			1	2								
Total	6		41		113		166		763		109	
Mean	677		651		779		594		616		661	
SD			123		46		108		114		104	
75th percentile			730		800		670		710		750	
50th percentile			670		790		580		620		680	
25th percentile			550		780		510		530		590	

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	424	1	488	493	474
Architecture and Related Services	823	2	506	533	494
Area, Ethnic, Cultural and Gender Studies	67	0	547	506	532
Biological and Biomedical Sciences	3,461	6	546	545	531
Business Management, Marketing, and Related Support Services	5,680	11	499	509	486
Communication, Journalism and Related Programs	1,364	3	522	490	510
Computer and Information Sciences and Support Services	1,911	4	528	539	496
Construction Trades	37	0	434	444	398
Education	2,576	5	498	486	488
Engineering	5,150	10	546	580	522
Engineering Technologies/Technicians	697	1	491	516	467
English Language and Literature/Letters	731	1	592	524	573
Family and Consumer Sciences/Human Sciences	178	0	463	455	459
Foreign Languages, Literatures, and Linguistics	411	1	589	553	567
Health Professions and Related Clinical Services	9,635	18	497	495	486
History	862	2	549	506	511
Legal Professions and Studies	1,412	3	528	511	510
Liberal Arts and Sciences, General Studies, and Humanities	566	1	545	513	529
Library Science And Administration	10	0	612	511	569
Mathematics and Statistics	378	1	527	591	517
Mechanic and Repair Technologies/Technician	120	0	432	447	414
Military Technologies And Applied Sciences	461	1	496	496	462
Multi/Interdisciplinary Studies	273	1	605	599	582
Natural Resources and Conservation	292	1	534	522	511
Parks, Recreation, Leisure and Fitness Studies	527	1	441	448	427
Personal and Culinary Services	250	0	458	457	441
Philosophy and Religious Studies	155	0	563	525	538
Physical Sciences	860	2	558	569	535
Precision Production	1	0			
Psychology	2,384	4	517	490	499
Public Administration and Social Services Professions	185	0	469	446	463
Security and Protective Services	1,693	3	468	463	449
Social Sciences	1,027	2	577	544	554
Theology and Religious Vocations	87	0	526	494	498
Transportation and Materials Moving	23	0	445	446	426
Visual and Performing Arts	3,896	7	522	499	504
Other	923	2	467	467	452
Undecided	3,804	7	547	549	529
Degree-Level Goal					
Certificate Program	389	1	459	456	439
Associate Degree	514	1	424	415	410
Bachelor's Degree	17,170	32	488	485	469
Master's Degree	16,210	31	522	521	507
Doctoral or Related Degree	10,582	20	545	541	528
Other	273	1	439	441	425
Undecided	7,776	15	523	519	504

College Plans

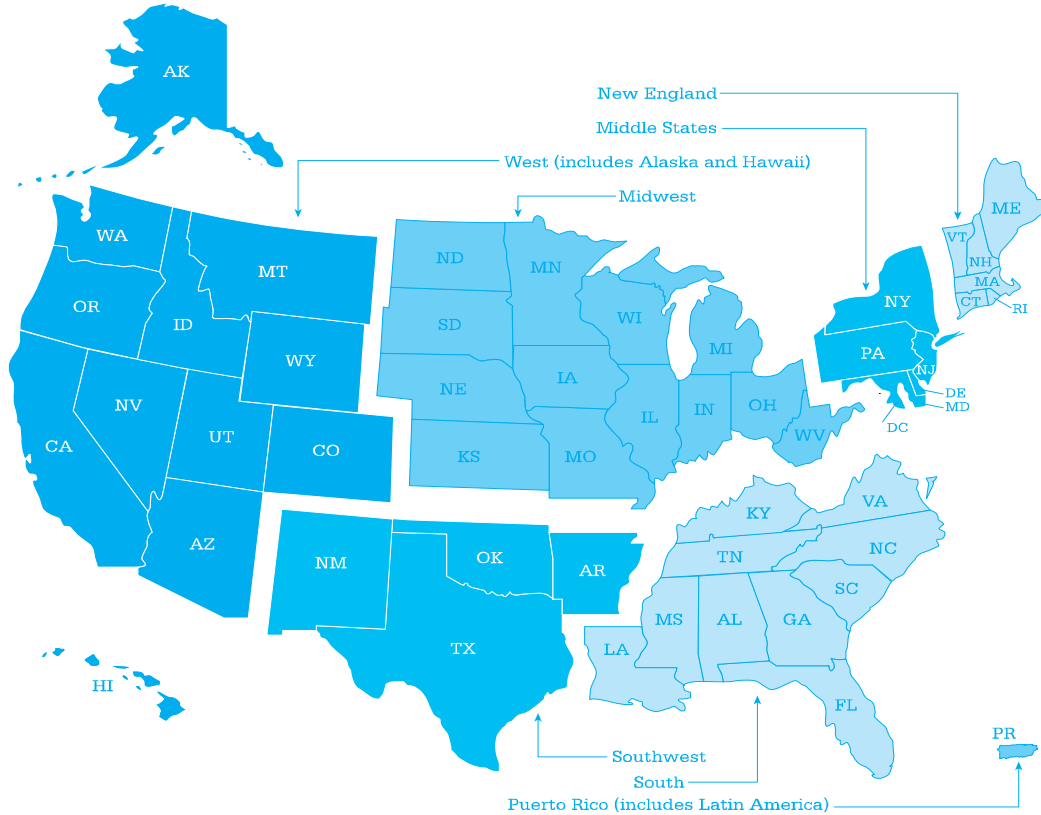
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 60,812 students from your state who took the SAT and/or an SAT Subject Test, 45,865 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 2,085 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
JAMES MADISON UNIVERSITY	VA	Public	15,875	34.6
VIRGINIA COMMONWEALTH UNIVERSITY	VA	Public	12,251	26.7
GEORGE MASON UNIVERSITY	VA	Public	11,446	25.0
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	11,251	24.5
UNIVERSITY OF VIRGINIA	VA	Public	11,034	24.1
OLD DOMINION UNIVERSITY	VA	Public	8,432	18.4
CHRISTOPHER NEWPORT UNIVERSITY	VA	Public	7,052	15.4
COLLEGE OF WILLIAM AND MARY	VA	Public	6,221	13.6
RADFORD UNIVERSITY	VA	Public	6,207	13.5
LONGWOOD UNIVERSITY	VA	Public	3,937	8.6
UNIVERSITY OF MARY WASHINGTON	VA	Public	3,918	8.5
NCAA ELIGIBILITY CENTER	IN	Public	2,516	5.5
NORFOLK STATE UNIVERSITY	VA	Public	2,099	4.6
LIBERTY UNIVERSITY	VA	Private	1,986	4.3
LYNCHBURG COLLEGE	VA	Private	1,945	4.2
UNIVERSITY OF RICHMOND	VA	Private	1,852	4.0
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,780	3.9
BRIDGEWATER COLLEGE	VA	Private	1,705	3.7
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	1,697	3.7
VIRGINIA STATE UNIVERSITY	VA	Public	1,691	3.7
VIRGINIA TECH CENTER FOR TEACHER EDUCATI	VA	Public	1,645	3.6
RANDOLPH-MACON COLLEGE	VA	Private	1,477	3.2
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	1,470	3.2
DUKE UNIVERSITY	NC	Private	1,437	3.1
PENNSYLVANIA STATE UNIVERSITY	PA	Public	1,369	3.0
EAST CAROLINA UNIVERSITY	NC	Public	1,257	2.7
FERRUM COLLEGE	VA	Private	1,212	2.6
HAMPTON UNIVERSITY	VA	Private	1,173	2.6
VIRGINIA WESLEYAN COLLEGE	VA	Private	1,149	2.5
CORNELL UNIVERSITY	NY	Private	1,140	2.5
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	1,120	2.4
GEORGETOWN UNIVERSITY	DC	Private	1,116	2.4
CLEMSON UNIVERSITY	SC	Public	1,093	2.4
ROANOKE COLLEGE	VA	Private	1,081	2.4
UNIVERSITY OF MARYLAND	MD	Public	1,076	2.3
PRINCETON UNIVERSITY	NJ	Private	1,074	2.3
SHENANDOAH UNIVERSITY	VA	Private	986	2.1
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	981	2.1
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	950	2.1
VIRGINIA MILITARY INSTITUTE	VA	Public	945	2.1
NEW YORK UNIVERSITY	NY	Private	943	2.1
DREXEL UNIVERSITY	PA	Private	938	2.0
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	928	2.0
GEORGE WASHINGTON UNIVERSITY	DC	Private	916	2.0
MARYMOUNT UNIVERSITY	VA	Private	829	1.8

*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

Areas Served by College Board Regional Offices



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

2099 Gateway Place, Suite 550
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)

International Education Office

1233 20th Street NW, Suite 600
Washington, DC 20036-2375
202-741-4700
202-741-4745 (Fax)

Washington Office

1233 20th Street NW, Suite 600
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)