



2013 College-Bound Seniors

State Profile Report



MISSOURI

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.*

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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
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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	2,743	596	115	595	116	582	115	58.7	11.7	7.7	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,312	599	121	615	119	575	120	58.2	12.1	7.6	1.6
Female	1,431	592	110	577	110	588	111	59.1	11.4	7.8	1.4

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)	1,414	587	123	587	121	573	120	57.7	12.3	7.6	1.6
Junior (2011-2012)	1,291	607	105	605	109	594	109	59.9	10.9	7.9	1.5
Sophomore (2010-2011)	36	529	100	551	97	520	102	52.3	10.8	7.4	1.3
Freshman (2009-2010)	2										
Total	2,743	596	115	595	116	582	115	58.7	11.7	7.7	1.5

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	680	680	670	570	600	560
50th	610	600	590	490	510	480
25th	520	510	500	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	295	256	551	372	207	579	212	229	441
600-690	442	475	917	422	450	872	406	487	893
500-590	319	424	743	305	437	742	357	413	770
400-490	175	213	388	152	270	422	236	232	468
300-390	63	55	118	50	52	102	80	63	143
200-290	18	8	26	11	15	26	21	7	28

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,399	54	45	55	594	593	574
Religiously Affiliated	692	27	49	51	593	597	588
Independent	509	20	52	48	611	616	604
Other or Unknown	143		51	49	575	534	548

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	129	5	553	114	548	118	545	126
Nonstandard Conditions	92	3	605	95	596	109	607	104

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	22	1	490		497		484	
Asian, Asian American, or Pacific Islander	368	13	611	133	670	103	613	132
Black or African American	212	8	513	108	495	114	494	104
Mexican or Mexican American	51	2	499	157	504	136	482	147
Puerto Rican	12	0	569		559		528	
Other Hispanic, Latino, or Latin American	56	2	573	114	569	113	548	102
White	1,862	68	610	102	600	104	594	103
Other	77	3	571	130	567	131	561	130
No Response	83	3	551	132	538	121	530	131
Total	2,743	100	596	115	595	116	582	115

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	8	0	449		438		430	
Asian, Asian American, or Pacific Islander	189	7	621	137	690	98	612	133
Black or African American	96	3	523	110	525	118	494	110
Mexican or Mexican American	27	1	434	158	461	146	433	145
Puerto Rican	7	0	600		581		529	
Other Hispanic, Latino, or Latin American	25	1	549	116	559	131	531	107
White	894	33	615	104	621	107	588	106
Other	26	1	574	129	582	129	546	132
No Response	40	1	525	142	543	125	492	136
Total	1,312	48	599	121	615	119	575	120

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	14	1	514		531		515	
Asian, Asian American, or Pacific Islander	179	7	600	129	649	104	613	130
Black or African American	116	4	504	105	470	104	493	100
Mexican or Mexican American	24	1	572		553		536	
Puerto Rican	5	0	526		528		526	
Other Hispanic, Latino, or Latin American	31	1	592	108	576	96	561	95
White	968	35	605	100	581	98	600	99
Other	51	2	570	131	559	131	568	129
No Response	43	2	576	117	533	117	566	115
Total	1,431	52	592	110	577	110	588	111

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	2,743	100	596	115	595	116	582	115
First Language Learned								
English	2,198	84	600	107	591	111	584	108
English and Another	234	9	594	134	611	140	586	136
Another Language	196	7	537	152	625	130	543	148
No Response	115		610	124	596	111	591	124
Citizenship								
U.S. Citizen / U.S. National	2,443	94	603	108	595	113	587	110
U.S. Permanent Resident or Refugee	59	2	547	148	598	147	561	149
Citizen of Another Country	91	4	491	151	617	148	511	158
Other, Unknown, or No Response	150		557	142	579	128	546	140
Plans to Apply for Financial Aid								
Yes	1,534	70	592	116	586	118	574	116
No	217	10	597	105	608	108	589	113
Don't Know	447	20	604	114	610	115	595	113
No Response	545		599	118	602	111	589	117
Family Income								
\$0 - \$20,000	68	5	484	131	498	134	474	125
\$20,000–\$40,000	115	8	528	111	530	117	514	107
\$40,000–\$60,000	175	13	557	113	552	111	536	113
\$60,000–\$80,000	164	12	579	120	567	120	550	115
\$80,000–\$100,000	168	12	580	115	574	119	557	112
\$100,000–\$120,000	170	12	595	116	589	111	575	103
\$120,000–\$140,000	84	6	602	112	588	115	575	102
\$140,000–\$160,000	72	5	610	107	612	108	582	116
\$160,000–\$200,000	88	6	626	93	626	100	601	96
More than \$200,000	273	20	611	108	610	112	608	110
No Response	1,366		610	111	612	111	601	112
Highest Level of Parental Education								
No High School Diploma	19	1	479		526		479	
High School Diploma	264	10	529	108	521	117	509	111
Associate Degree	94	4	525	114	518	110	495	104
Bachelor's Degree	861	33	586	108	589	110	570	105
Graduate Degree	1,345	52	628	106	626	106	618	107
No Response	160		538	133	541	120	525	121
Took the PSAT/NMSQT®								
Yes, As a Junior	677	28	610	113	610	109	596	108
Yes, As a Sophomore or Younger	458	19	584	107	584	111	569	107
Yes, As a Junior and As a Sophomore or Younger	821	34	639	95	637	99	628	97
No	448	19	516	111	513	118	496	108
No Response	339		584	123	589	114	573	123

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	811	62	48	52	646	655	632
Second Tenth	268	21	50	50	562	572	541
Second Fifth	127	10	53	47	512	529	495
Final Three Fifths	93	7	55	45	486	462	460
No Response	1,444		46	54	588	580	577

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)	490	19	43	57	659	662	650
A (93–96)	868	34	43	57	628	630	616
A- (90–92)	503	20	48	52	586	586	572
B (80–89)	609	24	56	44	522	520	506
C (70–79)	64	3	75	25	450	438	417
D, E, or F (below 70)	3	0	33	67			
No Response	206		45	55	595	580	580
Mean Grade Point Average	All Students: 3.73		Male: 3.66		Female: 3.80		

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	2.5	2.9	2.7	3.85	3.93	3.90
English and Language Arts	4.0	4.1	4.0	3.60	3.79	3.70
Foreign and Classical Languages	3.2	3.4	3.3	3.60	3.74	3.67
Mathematics	4.1	4.1	4.1	3.56	3.59	3.58
Natural Sciences	3.8	3.9	3.8	3.64	3.68	3.66
Social Sciences and History	3.7	3.8	3.8	3.64	3.73	3.69
Total for All Subjects	21.3	22.2	21.7			

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	360	17	46	54	621	614	609	
4 Years	1,533	73	47	53	601	597	585	
3 Years	154	7	50	50	501	521	489	
2 Years	35	2	63	37	516	526	489	
1 Year	15	1	73	27	511	547	499	
1/2 Year or Less	13	1	77	23	561	623	559	
No Response	633		48	52	598	602	588	
AP®/Honors Courses	1,209	57	43	57	634	625	619	
Course Work or Experience								
English/Language Arts	1,904	96	48	52	596	592	580	
Journalism	262	13	37	63	584	565	572	
Creative Writing	505	26	46	54	584	572	567	
American Literature	1,312	66	46	54	600	595	586	
Composition/Writing	1,166	59	47	53	597	592	583	
British Literature	471	24	44	56	608	598	594	
World Literature	665	34	44	56	598	586	582	
Communications	300	15	48	52	568	567	554	
Public Speaking	760	38	43	57	607	598	594	
English As Second Language	105	5	44	56	498	582	509	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	571	27	52	48	628	642	617	
4 Years	1,278	60	45	55	597	589	581	
3 Years	200	9	47	53	514	502	500	
2 Years	34	2	68	32	484	510	466	
1 Year	14	1	71	29	484	534	456	
1/2 Year or Less	18	1	72	28	537	559	520	
No Response	628		48	52	599	602	589	
AP/Honors Courses	1,224	58	49	51	637	648	623	
Highest Level of Mathematics Achieved*								
Calculus	1,149	56	53	47	637	651	624	
Pre-calculus	381	19	38	62	572	560	556	
Geometry	463	23	43	57	520	486	501	
Algebra II	29	1	41	59	492	477	453	
Algebra I	8	0	25	75	503	494	468	

*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	450	22	48	52	636	648	627	
4 Years	1,080	52	47	53	603	600	588	
3 Years	427	20	47	53	555	539	536	
2 Years	74	4	54	46	539	527	512	
1 Year	31	1	52	48	498	525	491	
1/2 Year or Less	31	1	52	48	525	547	508	
No Response	650		48	52	597	600	586	
AP/Honors Courses	1,154	55	48	52	639	646	626	
Course Work or Experience								
Biology	1,946	97	47	53	597	594	582	
Chemistry	1,873	94	48	52	599	599	585	
Physics	1,447	72	51	49	612	619	599	
Geology, Earth, or Space Science	660	33	45	55	570	562	554	
Other Sciences	840	42	40	60	581	573	567	

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	323	15	47	53	638	623	625	
4 Years	1,128	54	48	52	605	599	590	
3 Years	531	25	44	56	568	575	553	
2 Years	71	3	63	37	505	539	488	
1 Year	37	2	65	35	495	520	478	
1/2 Year or Less	14	1	64	36	529	589	539	
No Response	639		48	52	597	601	587	
AP/Honors Courses	1,206	57	46	54	635	631	621	
Course Work or Experience								
U.S. History	1,872	94	47	53	597	594	582	
World History or Cultures	1,646	83	47	53	596	593	580	
U.S. Government or Civics	1,536	77	48	52	596	591	578	
Economics	552	28	57	43	598	602	579	
Geography	528	27	45	55	567	560	550	
Psychology	747	38	39	61	596	591	582	
European History	622	31	47	53	620	607	605	
Sociology	268	14	35	65	560	552	544	
Ancient History	460	23	45	55	605	595	593	
Other Courses	397	20	45	55	596	585	582	

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	330	16	43	57	635	633	626
4 Years	799	38	45	55	632	628	622
3 Years	359	17	45	55	579	579	562
2 Years	479	23	53	47	547	544	522
1 Year	63	3	65	35	480	477	460
1/2 Year or Less	72	3	65	35	507	523	493
No Response	641		48	52	597	601	587
AP/Honors Courses	758	36	41	59	646	646	638
Course Work or Experience							
Chinese	97	5	63	37	566	594	552
French	486	24	35	65	614	600	600
German	127	6	50	50	616	610	600
Greek	36	2	64	36	694	646	662
Hebrew	10	1	50	50	600	610	582
Italian	20	1	50	50	609	560	567
Japanese	25	1	44	56	585	580	580
Korean	10	1	20	80	570	682	587
Latin	227	11	51	49	655	636	637
Russian	11	1	64	36	612	635	597
Spanish	1,196	60	48	52	584	583	570
Other Languages	31	2	68	32	533	534	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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	265	13	45	55	616	605	600	
4 Years	514	25	41	59	612	601	599	
3 Years	300	14	40	60	586	579	573	
2 Years	474	23	48	52	585	587	568	
1 Year	432	21	60	40	595	603	577	
1/2 Year or Less	96	5	56	44	550	567	540	
No Response	662		48	52	594	599	584	
AP/Honors Courses	231	11	40	60	647	642	635	
Course Work or Experience								
Acting or Play Production	509	26	41	59	613	590	593	
Art History or Appreciation	417	21	40	60	595	580	578	
Dance	231	12	15	85	598	585	595	
Drama: Study or Appreciation	405	21	41	59	609	579	588	
Music: Study or Appreciation	376	19	48	52	606	592	591	
Music Performance	1,093	56	47	53	610	605	593	
Photography or Film	383	19	37	63	591	578	574	
Studio Art and Design	566	29	38	62	605	597	592	
None	159	8	64	36	536	560	524	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	1,227	65	48	52	601	596	583
Computer Programming	390	21	66	34	600	620	582
Word Processing	1,152	61	47	53	602	598	585
Internet Activity	902	48	48	52	604	598	586
Using Computer Graphics	703	37	49	51	596	591	579
Creating Spreadsheets/Databases	674	36	50	50	606	607	590
None	254	13	39	61	585	587	577

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
1,137	2,954	799	675	686	667

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	96	8
2	456	40
3	437	38
4 or More	148	13

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		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	367	658	85	261	687	76	655	83	676	74	
History and Social Studies											
U.S. History	360	672	95	276	674	87	664	90	666	82	
World History	71	648	106	53	696	71	692	84	674	75	
Mathematics											
Mathematics Level 1	306	639	88	186	648	96	650	82	637	89	
Mathematics Level 2	705	715	82	529	683	82	713	66	681	78	
Science											
Biology-E	164	688	89	128	681	76	687	79	681	76	
Biology-M	153	688	96	115	688	88	697	83	679	85	
Chemistry	404	693	97	294	682	86	719	67	679	87	
Physics	238	690	86	179	672	97	717	70	668	89	
Foreign and Classical Languages											
Chinese/Listening	25	743	66	22	660		730		674		
French	34	607	95	27	667	83	652	78	663	81	
French/Listening	8	648		8	696		644		695		
German	1			1							
German/Listening	2			2							
Modern Hebrew											
Italian	1										
Japanese/Listening	2			1							
Korean/Listening	6	787		6	520		697		560		
Latin	34	654	104	25	713	66	706	75	686	76	
Spanish	63	619	111	48	678	82	663	68	674	75	
Spanish/Listening	10	660		7	664		654		663		

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	42	11	100	28	17	24
700-740	99	27	75	21	7	10
650-690	84	23	55	15	16	23
600-640	66	18	52	14	8	11
550-590	35	10	38	11	11	15
500-540	26	7	20	6	7	10
450-490	10	3	14	4	3	4
400-440	2	1	4	1	1	1
350-390	2	1	2	1		
300-340	1	0			1	1
250-290						
200-240						
Total	367		360		71	
Mean	658		672		648	
SD	85		95		106	
75th percentile	730		750		730	
50th percentile	670		690		650	
25th percentile	610		600		570	

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	29	9	332	47	53	32	53	35	157	39	73	31
700-740	63	21	122	17	35	21	27	18	73	18	52	22
650-690	68	22	99	14	26	16	34	22	51	13	47	20
600-640	57	19	76	11	23	14	17	11	55	14	36	15
550-590	41	13	51	7	14	9	10	7	29	7	16	7
500-540	28	9	19	3	10	6	5	3	21	5	8	3
450-490	10	3	5	1	1	1	4	3	12	3	3	1
400-440	8	3	1	0	2	1			5	1	3	1
350-390	2	1					1	1	1	0		
300-340							2	1				
250-290												
200-240												
Total	306		705		164		153		404		238	
Mean	639		715		688		688		693		690	
SD	88		82		89		96		97		86	
75th percentile	710		790		760		760		780		760	
50th percentile	650		740		700		700		720		700	
25th percentile	580		660		620		640		630		620	

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	17	68	1	3	1	13						
700-740	3	12	8	24			1	100				
650-690	2	8	4	12	4	50						
600-640	2	8	6	18	1	13			1	50		
550-590	1	4	6	18	1	13						
500-540			4	12	1	13						
450-490			4	12								
400-440			1	3								
350-390												
300-340												
250-290												
200-240									1	50		
Total	25		34		8		1		2			
Mean	743		607		648							
SD	66		95									
75th percentile	790		670									
50th percentile	760		600									
25th percentile	700		530									

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	100	1	50	6	100	9	26	10	16	2	20
700-740							5	15	8	13	3	30
650-690							4	12	12	19	2	20
600-640							5	15	7	11	1	10
550-590							4	12	10	16	1	10
500-540			1	50			6	18	6	10		
450-490									6	10		
400-440							1	3	2	3		
350-390									1	2	1	10
300-340									1	2		
250-290												
200-240												
Total	1		2		6		34		63		10	
Mean					787		654		619		660	
SD							104		111			
75th percentile							740		700			
50th percentile							650		630			
25th percentile							550		520			

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	10	0	547	579	548
Architecture and Related Services	33	1	555	584	530
Area, Ethnic, Cultural and Gender Studies	5	0	608	530	578
Biological and Biomedical Sciences	199	9	609	620	605
Business Management, Marketing, and Related Support Services	231	10	565	584	558
Communication, Journalism and Related Programs	76	3	587	549	571
Computer and Information Sciences and Support Services	60	3	618	635	591
Construction Trades	0	0			
Education	59	3	556	534	544
Engineering	315	14	622	656	602
Engineering Technologies/Technicians	15	1	584	639	574
English Language and Literature/Letters	53	2	632	565	619
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	31	1	686	614	650
Health Professions and Related Clinical Services	357	15	582	588	577
History	26	1	585	565	550
Legal Professions and Studies	65	3	621	607	611
Liberal Arts and Sciences, General Studies, and Humanities	26	1	644	588	603
Library Science And Administration	1	0			
Mathematics and Statistics	28	1	641	719	644
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	19	1	623	575	571
Multi/Interdisciplinary Studies	22	1	635	620	615
Natural Resources and Conservation	7	0	691	640	694
Parks, Recreation, Leisure and Fitness Studies	10	0	462	463	408
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	7	0	680	629	666
Physical Sciences	60	3	672	681	638
Precision Production	0	0			
Psychology	78	3	570	549	571
Public Administration and Social Services Professions	5	0	592	558	618
Security and Protective Services	27	1	494	474	485
Social Sciences	92	4	668	629	645
Theology and Religious Vocations	5	0	620	612	574
Transportation and Materials Moving	0	0			
Visual and Performing Arts	161	7	600	562	583
Other	11	0	547	512	531
Undecided	210	9	634	634	622
Degree-Level Goal					
Certificate Program	11	0	587	577	573
Associate Degree	7	0	379	403	379
Bachelor's Degree	457	20	539	530	522
Master's Degree	650	29	601	597	585
Doctoral or Related Degree	796	35	621	627	609
Other	3	0			
Undecided	323	14	613	602	596

College Plans

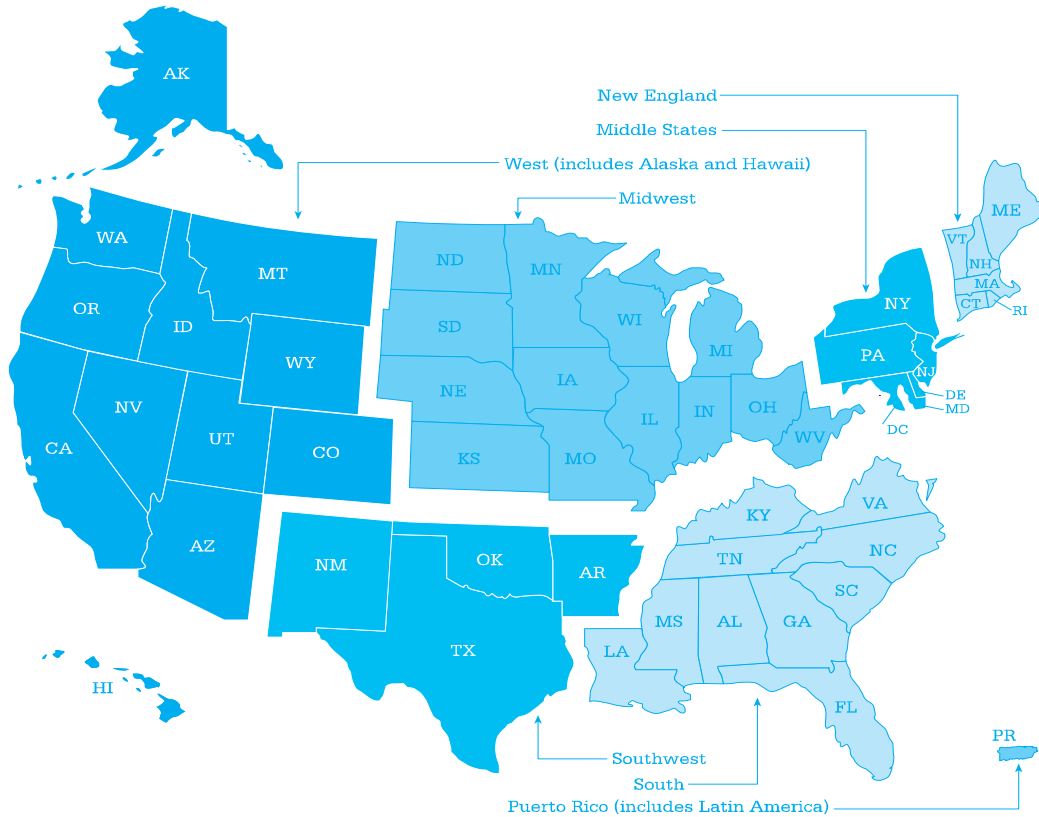
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 3,081 students from your state who took the SAT and/or an SAT Subject Test, 2,000 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 801 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MISSOURI COLUMBIA	MO	Public	441	22.1
WASHINGTON UNIVERSITY	MO	Private	393	19.7
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	358	17.9
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	263	13.2
STANFORD UNIVERSITY	CA	Private	262	13.1
NORTHWESTERN UNIVERSITY	IL	Private	252	12.6
PRINCETON UNIVERSITY	NJ	Private	233	11.7
VANDERBILT UNIVERSITY	TN	Private	206	10.3
DUKE UNIVERSITY TIP	NC	Scholarship	205	10.3
YALE UNIVERSITY	CT	Private	199	10.0
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	171	8.6
UNIVERSITY OF CHICAGO	IL	Private	167	8.4
SAINT LOUIS UNIVERSITY MISSOURI	MO	Private	156	7.8
CORNELL UNIVERSITY	NY	Private	152	7.6
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	147	7.4
DUKE UNIVERSITY	NC	Private	141	7.1
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	140	7.0
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	136	6.8
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	131	6.6
MISSOURI UNIVERSITY OF SCIENCE AND TECHN	MO	Public	129	6.5
DARTMOUTH COLLEGE	NH	Private	124	6.2
BROWN UNIVERSITY	RI	Private	123	6.2
TRUMAN STATE UNIVERSITY	MO	Public	116	5.8
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	116	5.8
UNIVERSITY OF NOTRE DAME	IN	Private	108	5.4
RICE UNIVERSITY	TX	Private	104	5.2
UNIVERSITY OF ILLINOIS URBANA	IL	Public	103	5.2
MISSOURI STATE UNIVERSITY SPRINGFIELD	MO	Public	99	5.0
GEORGETOWN UNIVERSITY	DC	Private	94	4.7
CARNEGIE MELLON UNIVERSITY	PA	Private	91	4.6
UNIVERSITY OF KANSAS	KS	Public	91	4.6
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	90	4.5
NEW YORK UNIVERSITY	NY	Private	88	4.4
CASE WESTERN RESERVE UNIVERSITY	OH	Private	88	4.4
UNIVERSITY OF MISSOURI KANSAS CITY	MO	Public	86	4.3
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	85	4.3
UNIVERSITY OF VIRGINIA	VA	Public	82	4.1
BOSTON UNIVERSITY	MA	Private	81	4.1
UNIVERSITY OF MIAMI	FL	Private	79	4.0
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	78	3.9
UNIVERSITY OF MINNESOTA TWIN CITIES	MN	Public	78	3.9
EMORY UNIVERSITY	GA	Private	77	3.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	71	3.6
BOSTON COLLEGE	MA	Private	70	3.5
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	68	3.4

*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.

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