



2013 College-Bound Seniors

# State Profile Report



WASHINGTON

## Included in This Report

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[SAT® Data](#)

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**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](mailto: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](http://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](http://www.collegeboard.org).

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2013

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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](http://www.collegeboard.org/cbs).

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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	
Total	40,254	515	111	523	108	499	108	49.8	11.0	7.3	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	
Male	18,355	519	113	542	110	494	108	49.6	11.0	7.1	1.6
Female	21,899	512	110	508	104	503	107	49.9	11.0	7.5	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	
Senior (2012-2013)	26,629	501	108	511	105	485	103	48.4	10.6	7.2	1.5
Junior (2011-2012)	13,516	542	112	547	110	526	111	52.5	11.3	7.6	1.4
Sophomore (2010-2011)	100	587	120	582	124	559	124	56.7	12.9	7.5	1.7
Freshman (2009-2010)	9	597		581		559		58.0		7.1	
Total	40,254	515	111	523	108	499	108	49.8	11.0	7.3	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	
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	600	570	570	600	560
50th	510	520	490	490	510	480
25th	440	450	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](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	1,123	1,131	2,254	1,535	867	2,402	690	893	1,583
600–690	3,525	3,816	7,341	4,409	3,513	7,922	2,611	3,382	5,993
500–590	5,934	7,079	13,013	6,320	7,456	13,776	5,451	7,023	12,474
400–490	5,373	6,835	12,208	4,447	7,188	11,635	6,339	7,285	13,624
300–390	1,957	2,534	4,491	1,345	2,423	3,768	2,753	2,824	5,577
200–290	443	504	947	299	452	751	511	492	1,003

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	35,026	91	45	55	511	520	495
Religiously Affiliated	2,732	7	49	51	550	555	540
Independent	835	2	53	47	606	611	595
Other or Unknown	1,661		47	53	489	500	471

### 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	2,082	5	505	112	499	110	479	107
Nonstandard Conditions	457	1	512	114	517	119	497	114

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	621	2	482	101	486	99	457	96
Asian, Asian American, or Pacific Islander	5,828	14	504	121	556	119	498	121
Black or African American	2,024	5	448	103	444	99	434	97
Mexican or Mexican American	2,535	6	437	98	447	95	426	91
Puerto Rican	119	0	493	99	491	100	472	106
Other Hispanic, Latino, or Latin American	1,374	3	447	115	449	110	435	108
White	25,149	62	536	102	537	97	517	98
Other	1,405	3	523	119	522	116	508	113
No Response	1,199	3	490	126	485	118	469	123
Total	40,254	100	515	111	523	108	499	108

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	276	1	488	106	505	105	454	100
Asian, Asian American, or Pacific Islander	2,749	7	507	122	574	118	494	122
Black or African American	945	2	445	103	454	101	425	95
Mexican or Mexican American	1,139	3	439	98	457	98	421	89
Puerto Rican	50	0	495	101	496	111	468	109
Other Hispanic, Latino, or Latin American	555	1	459	118	475	114	438	112
White	11,465	28	540	103	557	99	511	99
Other	562	1	536	122	550	118	513	118
No Response	614	2	490	127	496	121	459	119
Total	18,355	46	519	113	542	110	494	108

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	345	1	478	98	471	92	458	94
Asian, Asian American, or Pacific Islander	3,079	8	501	120	540	118	501	119
Black or African American	1,079	3	451	104	436	96	442	99
Mexican or Mexican American	1,396	3	435	97	438	91	431	93
Puerto Rican	69	0	492	97	488	91	475	103
Other Hispanic, Latino, or Latin American	819	2	439	113	432	102	432	104
White	13,684	34	533	100	521	93	522	97
Other	843	2	515	116	503	111	505	110
No Response	585	1	491	125	473	113	479	126
Total	21,899	54	512	110	508	104	503	107

## 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	40,254	100	515	111	523	108	499	108
<b>First Language Learned</b>								
English	30,267	78	528	104	529	101	509	101
English and Another	4,634	12	489	119	508	124	478	118
Another Language	3,896	10	449	119	506	130	450	118
No Response	1,457		507	135	510	128	490	129
<b>Citizenship</b>								
U.S. Citizen / U.S. National	35,837	95	521	107	525	105	504	104
U.S. Permanent Resident or Refugee	1,060	3	473	132	523	129	469	128
Citizen of Another Country	735	2	436	118	545	125	453	114
Other, Unknown, or No Response	2,622		469	129	491	126	455	123
<b>Plans to Apply for Financial Aid</b>								
Yes	25,870	74	515	108	521	105	499	104
No	2,475	7	529	108	547	106	516	105
Don't Know	6,451	19	522	110	537	107	506	106
No Response	5,458		499	128	510	123	483	124
<b>Family Income</b>								
\$0 - \$20,000	2,185	10	447	109	462	108	433	100
\$20,000–\$40,000	3,019	14	478	101	489	98	461	95
\$40,000–\$60,000	3,075	14	500	102	507	99	482	96
\$60,000–\$80,000	3,285	15	517	101	518	96	498	95
\$80,000–\$100,000	2,915	13	524	99	530	96	505	96
\$100,000–\$120,000	2,769	13	535	101	540	97	513	96
\$120,000–\$140,000	1,367	6	532	99	541	97	516	97
\$140,000–\$160,000	1,009	5	539	97	545	95	525	95
\$160,000–\$200,000	1,153	5	544	103	554	102	528	100
More than \$200,000	1,326	6	565	103	574	99	555	98
No Response	18,151		519	117	528	114	504	114
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,929	5	417	94	440	100	411	88
High School Diploma	10,110	27	481	97	490	96	464	92
Associate Degree	3,619	10	499	96	507	92	481	89
Bachelor's Degree	12,640	34	537	100	545	98	520	98
Graduate Degree	8,592	23	574	108	577	106	558	106
No Response	3,364		459	121	472	116	443	114
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	13,270	37	524	105	534	101	509	101
Yes, As a Sophomore or Younger	5,722	16	519	103	525	101	501	100
Yes, As a Junior and As a Sophomore or Younger	7,750	21	560	110	567	106	546	108
No	9,450	26	478	102	484	100	458	94
No Response	4,062		482	128	495	123	466	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	5,027	39	44	56	587	606	576
Second Tenth	3,593	28	48	52	518	538	504
Second Fifth	2,158	17	54	46	491	506	475
Final Three Fifths	2,233	17	53	47	446	452	429
No Response	27,243		44	56	509	514	491

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)	2,802	8	37	63	607	619	597
A (93–96)	7,998	22	39	61	566	583	555
A- (90–92)	7,670	21	43	57	531	543	517
B (80–89)	14,972	41	49	51	483	489	465
C (70–79)	3,229	9	59	41	436	437	415
D, E, or F (below 70)	140	0	57	43	425	424	395
No Response	3,443		48	52	500	501	478
<b>Mean Grade Point Average</b>	<b>All Students: 3.41</b>		<b>Male: 3.32</b>		<b>Female: 3.48</b>		

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	2.1	2.4	2.3	3.75	3.88	3.82
English and Language Arts	3.9	3.9	3.9	3.39	3.62	3.52
Foreign and Classical Languages	2.5	2.7	2.6	3.33	3.56	3.46
Mathematics	3.9	3.9	3.9	3.22	3.21	3.21
Natural Sciences	3.4	3.4	3.4	3.34	3.39	3.37
Social Sciences and History	3.5	3.5	3.5	3.44	3.53	3.49
<b>Total for All Subjects</b>	<b>19.3</b>	<b>19.8</b>	<b>19.6</b>			

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	3,595	11	42	58	531	543	518
4 Years	24,415	74	45	55	525	532	508
3 Years	3,598	11	44	56	482	491	465
2 Years	696	2	45	55	481	494	467
1 Year	336	1	43	57	474	481	457
1/2 Year or Less	351	1	51	49	431	452	418
No Response	7,263		50	50	498	509	482
AP®/Honors Courses	15,319	46	37	63	561	563	546
<b>Course Work or Experience</b>							
English/Language Arts	30,037	97	44	56	519	526	503
Journalism	2,785	9	33	67	523	516	508
Creative Writing	7,611	25	40	60	514	514	498
American Literature	18,538	60	43	57	526	531	510
Composition/Writing	16,091	52	42	58	525	528	509
British Literature	4,154	13	42	58	551	546	532
World Literature	8,794	28	44	56	531	534	514
Communications	3,283	11	41	59	505	510	488
Public Speaking	4,904	16	42	58	523	523	507
English As Second Language	1,679	5	41	59	428	491	431

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	6,632	20	47	53	550	578	537
4 Years	19,494	59	45	55	521	527	505
3 Years	5,464	17	41	59	487	479	467
2 Years	707	2	49	51	483	484	460
1 Year	282	1	42	58	466	482	452
1/2 Year or Less	398	1	44	56	437	441	424
No Response	7,277		50	50	498	508	482
AP/Honors Courses	12,194	37	46	54	570	595	555
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	11,625	36	48	52	573	602	558
Pre-calculus	10,627	33	42	58	510	517	495
Geometry	9,108	28	42	58	463	449	445
Algebra II	431	1	46	54	483	467	463
Algebra I	119	0	45	55	408	372	393

\*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	3,126	10	45	55	554	576	541	
4 Years	13,616	42	45	55	542	552	528	
3 Years	10,014	31	43	57	500	505	483	
2 Years	3,971	12	47	53	483	485	462	
1 Year	973	3	43	57	488	487	466	
1/2 Year or Less	793	2	46	54	445	457	432	
No Response	7,761		50	50	498	508	482	
AP/Honors Courses	9,920	31	44	56	576	590	561	
<b>Course Work or Experience</b>								
Biology	29,383	94	44	56	520	527	504	
Chemistry	25,914	83	44	56	528	538	513	
Physics	15,051	48	51	49	545	562	529	
Geology, Earth, or Space Science	13,292	42	44	56	513	516	496	
Other Sciences	14,347	46	40	60	517	520	500	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,551	8	45	55	543	552	529	
4 Years	15,360	47	44	56	531	535	515	
3 Years	10,979	34	45	55	510	523	494	
2 Years	2,720	8	45	55	487	499	468	
1 Year	597	2	48	52	479	492	463	
1/2 Year or Less	503	2	46	54	435	450	425	
No Response	7,544		50	50	498	508	482	
AP/Honors Courses	12,316	38	42	58	572	574	554	
<b>Course Work or Experience</b>								
U.S. History	29,552	95	44	56	519	527	503	
World History or Cultures	25,872	83	44	56	522	530	506	
U.S. Government or Civics	20,009	64	44	56	520	527	503	
Economics	6,248	20	47	53	516	527	500	
Geography	7,246	23	44	56	512	519	495	
Psychology	8,811	28	34	66	532	530	515	
European History	6,261	20	45	55	546	548	530	
Sociology	3,034	10	36	64	515	509	495	
Ancient History	4,321	14	46	54	536	536	518	
Other Courses	7,949	25	41	59	524	526	507	

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	1,646	5	38	62	565	579	557
4 Years	4,977	15	40	60	575	578	563
3 Years	9,715	30	44	56	538	548	523
2 Years	13,460	41	47	53	493	501	475
1 Year	1,372	4	46	54	468	468	446
1/2 Year or Less	1,554	5	52	48	435	453	418
No Response	7,530		50	50	498	508	482
AP/Honors Courses	4,255	13	38	62	590	596	578
<b>Course Work or Experience</b>							
Chinese	757	2	47	53	536	585	523
French	5,424	17	33	67	542	537	524
German	1,636	5	56	44	542	540	512
Greek	78	0	40	60	545	516	526
Hebrew	44	0	43	57	544	510	521
Italian	96	0	31	69	539	513	537
Japanese	1,801	6	49	51	543	551	514
Korean	80	0	53	48	490	548	482
Latin	472	2	47	53	579	561	559
Russian	112	0	44	56	495	499	482
Spanish	20,622	66	45	55	516	524	502
Other Languages	2,163	7	33	67	486	491	465

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

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	2,624	8	39	61	546	548	529
4 Years	5,249	16	39	61	548	546	534
3 Years	4,084	13	39	61	519	522	504
2 Years	8,310	26	44	56	512	520	496
1 Year	9,569	30	50	50	513	529	496
1/2 Year or Less	2,597	8	50	50	475	490	459
No Response	7,821		51	49	499	509	483
AP/Honors Courses	2,050	6	35	65	574	573	560
<b>Course Work or Experience</b>							
Acting or Play Production	5,238	17	33	67	554	538	534
Art History or Appreciation	4,368	14	39	61	517	517	502
Dance	3,225	11	15	85	515	510	505
Drama: Study or Appreciation	4,598	15	33	67	533	524	516
Music: Study or Appreciation	3,601	12	46	54	549	544	531
Music Performance	13,223	43	43	57	544	547	527
Photography or Film	10,269	34	38	62	517	521	503
Studio Art and Design	9,302	30	37	63	526	531	511
None	3,438	11	57	43	476	494	457

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	18,134	61	44	56	524	531	507
Computer Programming	4,780	16	60	40	521	543	504
Word Processing	17,227	58	43	57	526	531	509
Internet Activity	13,110	44	44	56	528	533	510
Using Computer Graphics	10,309	35	50	50	523	533	506
Creating Spreadsheets/Databases	9,118	31	45	55	528	538	512
None	5,141	17	39	61	509	515	495

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
3,444	8,543	3,278	653	674	646

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	366	11
2	1,578	46
3	1,125	33
4 or More	375	11

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	
<b>English</b>											
Literature	1,122	644	96	1,066	672	90	655	84	661	87	
<b>History and Social Studies</b>											
U.S. History	1,245	665	91	1,191	666	85	669	82	656	85	
World History	298	647	99	288	685	85	685	84	673	88	
<b>Mathematics</b>											
Mathematics Level 1	652	630	104	606	619	101	648	89	617	97	
Mathematics Level 2	2,239	698	83	2,146	664	88	701	66	659	85	
<b>Science</b>											
Biology-E	312	650	87	298	656	90	671	80	646	86	
Biology-M	488	673	87	474	661	84	680	75	653	83	
Chemistry	963	664	95	929	663	93	701	73	656	91	
Physics	574	696	86	550	665	94	717	64	659	92	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	68	752	69	65	615	119	686	79	625	109	
French	143	627	104	139	670	84	659	78	666	86	
French/Listening	28	661	113	28	688	71	665	65	664	72	
German	8	554		6	595		593		558		
German/Listening	13	575		13	602		611		601		
Modern Hebrew	2			2							
Italian	4			4							
Japanese/Listening	25	650	129	25	610	101	646	100	603	103	
Korean/Listening	61	762	64	61	556	131	687	72	605	108	
Latin	34	641	99	34	713	61	683	56	694	57	
Spanish	227	622	114	221	669	88	660	81	666	90	
Spanish/Listening	37	631	121	37	640	89	644	67	650	78	

## 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	132	12	258	21	53	18
700-740	249	22	302	24	59	20
650-690	246	22	241	19	48	16
600-640	194	17	176	14	43	14
550-590	140	12	137	11	51	17
500-540	77	7	64	5	22	7
450-490	34	3	37	3	12	4
400-440	30	3	19	2	6	2
350-390	16	1	8	1	3	1
300-340	3	0	3	0	1	0
250-290	1	0				
200-240						
Total	1,122		1,245		298	
Mean	644		665		647	
SD	96		91		99	
75th percentile	720		730		720	
50th percentile	660		680		650	
25th percentile	590		610		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	71	11	811	36	38	12	103	21	224	23	213	37
700-740	129	20	387	17	67	21	113	23	192	20	111	19
650-690	139	21	428	19	63	20	114	23	173	18	93	16
600-640	105	16	336	15	73	23	75	15	160	17	76	13
550-590	89	14	194	9	39	13	45	9	95	10	49	9
500-540	42	6	58	3	13	4	22	5	56	6	22	4
450-490	31	5	15	1	12	4	8	2	46	5	8	1
400-440	22	3	6	0	5	2	3	1	14	1	2	0
350-390	17	3	1	0	1	0	2	0	3	0		
300-340	7	1	3	0	1	0	3	1				
250-290												
200-240												
Total	652		2,239		312		488		963		574	
Mean	630		698		650		673		664		696	
SD	104		83		87		87		95		86	
75th percentile	710		770		710		740		740		770	
50th percentile	650		710		660		690		670		710	
25th percentile	570		640		600		620		600		640	

## 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	45	66	21	15	10	36			2	15		
700-740	11	16	23	16	2	7	1	13	1	8	1	50
650-690	6	9	23	16	3	11	2	25	1	8		
600-640	2	3	19	13	5	18	1	13	3	23		
550-590	2	3	21	15	2	7			1	8		
500-540	2	3	20	14	3	11						
450-490			8	6	3	11	1	13	2	15		
400-440			8	6			3	38	2	15	1	50
350-390												
300-340									1	8		
250-290												
200-240												
Total	68		143		28		8		13		2	
Mean	752		627		661		554		575			
SD	69		104		113							
75th percentile	800		710		760							
50th percentile	790		630		670							
25th percentile	720		540		580							

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	2	50	8	32	49	80	5	15	29	13	9	24
700-740	2	50	2	8	4	7	9	26	44	19	5	14
650-690			5	20	3	5	3	9	39	17	4	11
600-640			3	12	2	3	4	12	25	11	5	14
550-590			2	8	1	2	6	18	31	14	3	8
500-540			2	8	2	3	4	12	25	11	6	16
450-490			1	4			2	6	20	9	2	5
400-440			1	4			1	3	4	2	2	5
350-390									6	3	1	3
300-340			1	4					2	1		
250-290									2	1		
200-240												
Total	4		25		61		34		227		37	
Mean			650		762		641		622		631	
SD			129		64		99		114		121	
75th percentile			760		800		730		710		720	
50th percentile			670		790		640		630		620	
25th percentile			550		750		550		540		510	



## 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	283	1	486	489	465
Architecture and Related Services	504	1	504	538	498
Area, Ethnic, Cultural and Gender Studies	72	0	512	485	493
Biological and Biomedical Sciences	2,220	7	552	556	536
Business Management, Marketing, and Related Support Services	3,627	11	504	525	491
Communication, Journalism and Related Programs	845	2	536	513	523
Computer and Information Sciences and Support Services	981	3	552	580	524
Construction Trades	41	0	409	436	406
Education	1,728	5	504	500	491
Engineering	3,462	10	549	591	526
Engineering Technologies/Technicians	427	1	498	542	476
English Language and Literature/Letters	546	2	577	522	551
Family and Consumer Sciences/Human Sciences	136	0	446	458	447
Foreign Languages, Literatures, and Linguistics	326	1	557	527	539
Health Professions and Related Clinical Services	6,597	19	500	512	491
History	284	1	557	519	518
Legal Professions and Studies	737	2	528	519	509
Liberal Arts and Sciences, General Studies, and Humanities	295	1	551	519	538
Library Science And Administration	15	0	581	499	497
Mathematics and Statistics	276	1	544	607	524
Mechanic and Repair Technologies/Technician	111	0	430	444	404
Military Technologies And Applied Sciences	202	1	495	510	466
Multi/Interdisciplinary Studies	164	0	612	604	591
Natural Resources and Conservation	224	1	527	525	499
Parks, Recreation, Leisure and Fitness Studies	224	1	453	488	445
Personal and Culinary Services	126	0	459	449	435
Philosophy and Religious Studies	95	0	560	540	542
Physical Sciences	582	2	575	592	544
Precision Production	5	0	460	482	430
Psychology	1,586	5	515	499	498
Public Administration and Social Services Professions	113	0	508	494	497
Security and Protective Services	901	3	471	475	450
Social Sciences	613	2	580	553	556
Theology and Religious Vocations	97	0	526	506	506
Transportation and Materials Moving	17	0	464	503	449
Visual and Performing Arts	2,376	7	531	514	511
Other	562	2	462	472	448
Undecided	2,571	8	542	551	526
<b>Degree-Level Goal</b>					
Certificate Program	426	1	437	445	415
Associate Degree	636	2	420	426	408
Bachelor's Degree	12,015	34	498	506	481
Master's Degree	9,949	28	528	538	514
Doctoral or Related Degree	6,506	18	550	559	534
Other	197	1	432	448	426
Undecided	5,502	16	520	527	502

## College Plans

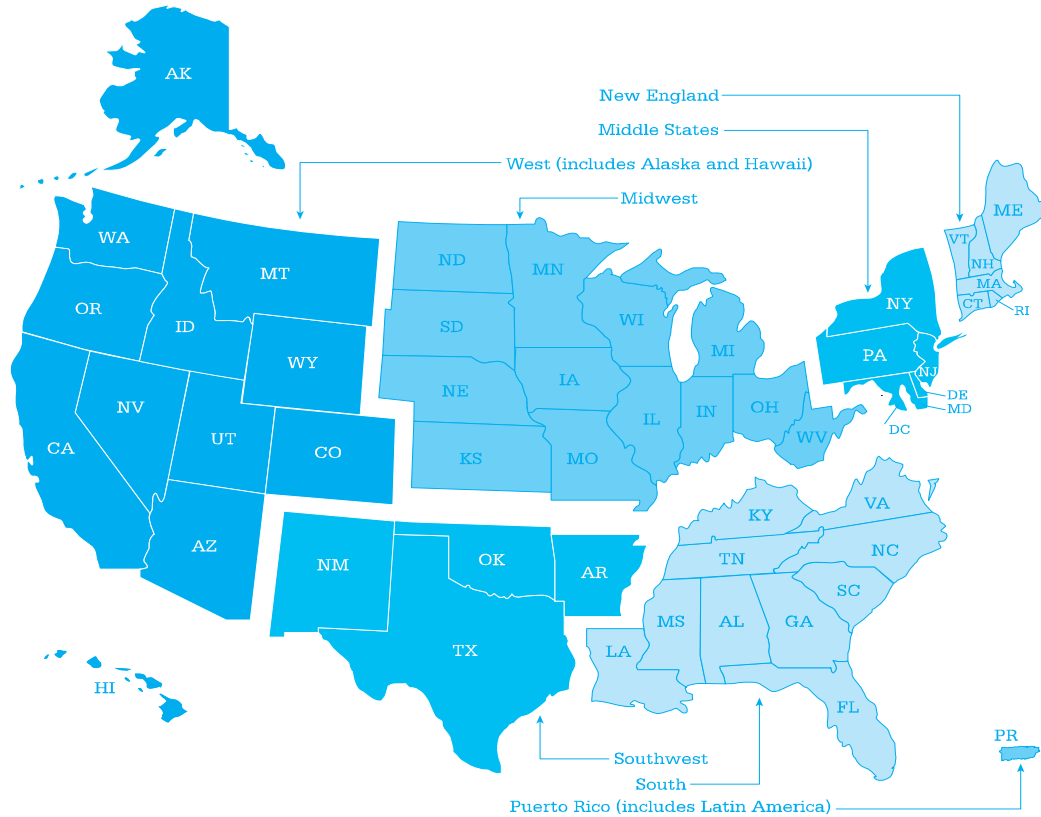
### Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 40,420 students from your state who took the SAT and/or an SAT Subject Test, 28,705 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 1,742 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF WASHINGTON	WA	Public	12,313	42.9
WASHINGTON STATE UNIVERSITY	WA	Public	10,641	37.1
WESTERN WASHINGTON UNIVERSITY	WA	Public	8,304	28.9
CENTRAL WASHINGTON UNIVERSITY	WA	Public	4,719	16.4
EASTERN WASHINGTON UNIVERSITY	WA	Public	4,529	15.8
GONZAGA UNIVERSITY	WA	Private	2,947	10.3
SEATTLE UNIVERSITY	WA	Private	2,888	10.1
SEATTLE PACIFIC UNIVERSITY	WA	Private	2,570	9.0
UNIVERSITY OF WASHINGTON BOTHELL	WA	Public	2,021	7.0
UNIVERSITY OF PORTLAND	OR	Private	1,978	6.9
UNIVERSITY OF OREGON	OR	Public	1,916	6.7
PACIFIC LUTHERAN UNIVERSITY	WA	Private	1,796	6.3
OREGON STATE UNIVERSITY	OR	Public	1,756	6.1
STANFORD UNIVERSITY	CA	Private	1,718	6.0
MONTANA STATE UNIVERSITY	MT	Public	1,374	4.8
WHITWORTH UNIVERSITY	WA	Private	1,353	4.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	1,329	4.6
UNIVERSITY OF IDAHO	ID	Public	1,283	4.5
UNIVERSITY OF WASHINGTON TACOMA	WA	Public	1,256	4.4
NCAA ELIGIBILITY CENTER	IN	Public	1,251	4.4
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	1,246	4.3
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	1,131	3.9
SANTA CLARA UNIVERSITY	CA	Private	1,064	3.7
UNIVERSITY OF PUGET SOUND	WA	Private	959	3.3
WILLAMETTE UNIVERSITY	OR	Private	836	2.9
BOISE STATE UNIVERSITY	ID	Public	815	2.8
ARIZONA STATE UNIVERSITY	AZ	Public	778	2.7
WHITMAN COLLEGE	WA	Private	770	2.7
EVERGREEN STATE COLLEGE	WA	Public	678	2.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	676	2.4
PORTLAND STATE UNIVERSITY	OR	Public	658	2.3
NEW YORK UNIVERSITY	NY	Private	604	2.1
UNIVERSITY OF MONTANA	MT	Public	581	2.0
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	575	2.0
CORNELL UNIVERSITY	NY	Private	574	2.0
UNIVERSITY OF ARIZONA	AZ	Public	572	2.0
UNIVERSITY OF COLORADO BOULDER	CO	Public	567	2.0
UNIVERSITY OF SAN DIEGO	CA	Private	527	1.8
YALE UNIVERSITY	CT	Private	526	1.8
CHAPMAN UNIVERSITY	CA	Private	504	1.8
BOSTON UNIVERSITY	MA	Private	503	1.8
LEWIS AND CLARK COLLEGE	OR	Private	493	1.7
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	483	1.7
UNIVERSITY OF CHICAGO	IL	Private	481	1.7
NORTHWESTERN UNIVERSITY	IL	Private	479	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



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### Southwestern Regional Office

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### Western Regional Office

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787-759-8629 (Fax - Reception area)  
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