



2013 College-Bound Seniors

# State Profile Report



UTAH

## Included in This Report

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[SAT<sup>®</sup> Data](#)

[SAT Subject Tests<sup>™</sup> Data](#)

[Demographic and Academic Information](#)

[College Plans](#)

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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<sup>®</sup> or SAT Subject Tests<sup>™</sup> 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<sup>®</sup> Program

The SAT<sup>®</sup> (formerly known as the SAT<sup>®</sup> I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests<sup>™</sup> (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<sup>®</sup> and the Advanced Placement Program<sup>®</sup> (AP<sup>®</sup>). 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	
								Mean	SD	Mean	SD
Total	1,835	569	116	566	113	549	111	55.2	11.3	7.6	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	896	566	116	585	111	542	111	54.6	11.3	7.5	1.6
Female	939	573	115	549	113	557	110	55.8	11.3	7.7	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)	1,092	567	123	568	115	547	115	55.0	11.8	7.5	1.6
Junior (2011-2012)	716	575	103	565	109	556	101	55.7	10.4	7.7	1.4
Sophomore (2010-2011)	22	509		535		480		49.0		6.6	
Freshman (2009-2010)	5	508		534		468		47.0		7.0	
Total	1,835	569	116	566	113	549	111	55.2	11.3	7.6	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	650	650	630	570	600	560
50th	570	570	550	490	510	480
25th	490	490	470	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	116	142	258	154	94	248	66	98	164
600-690	264	254	518	275	242	517	234	254	488
500-590	283	302	585	264	296	560	287	314	601
400-490	172	179	351	160	218	378	224	210	434
300-390	45	48	93	37	76	113	74	54	128
200-290	16	14	30	6	13	19	11	9	20

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,043	59	49	51	594	587	569
Religiously Affiliated	410	23	53	47	522	548	518
Independent	300	17	43	57	553	530	532
Other or Unknown	82		41	59	556	522	520

### 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	97	5	527	112	523	114	502	108
Nonstandard Conditions	57	3	532	111	509	112	500	105

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	10	1	541		530		536	
Asian, Asian American, or Pacific Islander	237	13	525	144	619	113	524	136
Black or African American	30	2	481	140	468	133	484	130
Mexican or Mexican American	41	2	529	83	508	118	512	93
Puerto Rican	10	1	499		468		493	
Other Hispanic, Latino, or Latin American	50	3	511	105	503	119	508	100
White	1,278	70	589	104	572	105	564	102
Other	51	3	557	123	560	132	542	122
No Response	128	7	526	120	491	107	500	109
Total	1,835	100	569	116	566	113	549	111

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	6	0	550		545		540	
Asian, Asian American, or Pacific Islander	121	7	507	146	623	117	506	141
Black or African American	17	1	497		479		501	
Mexican or Mexican American	15	1	557		581		530	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	24	1	500		503		494	
White	629	34	587	104	589	103	556	101
Other	26	1	574	108	603	130	545	116
No Response	54	3	518	132	519	116	491	111
Total	896	49	566	116	585	111	542	111

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	4	0						
Asian, Asian American, or Pacific Islander	116	6	543	139	616	109	542	128
Black or African American	13	1	459		453		462	
Mexican or Mexican American	26	1	512	84	465	107	502	94
Puerto Rican	6	0	518		465		507	
Other Hispanic, Latino, or Latin American	26	1	522	122	504	128	522	108
White	649	35	591	105	555	104	572	102
Other	25	1	540	134	514	118	540	127
No Response	74	4	532	110	470	96	506	107
Total	939	51	573	115	549	113	557	110

## Demographic Information

### SAT: Student Background Information and Characteristics

**Table 12: Student Background Information and Characteristics**

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	1,835	100	569	116	566	113	549	111
<b>First Language Learned</b>								
English	1,368	81	583	106	565	107	560	103
English and Another	163	10	567	124	583	130	556	123
Another Language	154	9	475	134	591	131	479	131
No Response	150		549	124	535	121	522	111
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,491	95	585	107	570	110	562	104
U.S. Permanent Resident or Refugee	25	2	574	123	599	126	557	139
Citizen of Another Country	61	4	459	111	613	125	485	128
Other, Unknown, or No Response	258		504	131	532	119	490	114
<b>Plans to Apply for Financial Aid</b>								
Yes	917	65	589	107	575	113	567	106
No	186	13	562	109	564	96	544	106
Don't Know	318	22	559	118	565	114	538	113
No Response	414		537	128	549	119	522	114
<b>Family Income</b>								
\$0 - \$20,000	44	5	495	113	521	131	503	108
\$20,000–\$40,000	89	9	519	109	520	106	502	101
\$40,000–\$60,000	109	11	555	107	558	93	529	105
\$60,000–\$80,000	132	14	562	102	558	118	533	101
\$80,000–\$100,000	131	14	589	109	568	118	560	113
\$100,000–\$120,000	118	12	586	99	579	98	558	106
\$120,000–\$140,000	70	7	574	104	568	109	573	102
\$140,000–\$160,000	63	7	569	112	568	111	549	97
\$160,000–\$200,000	72	8	569	120	570	119	553	124
More than \$200,000	127	13	582	106	575	104	568	97
No Response	880		574	122	572	115	554	114
<b>Highest Level of Parental Education</b>								
No High School Diploma	11	1	489		563		501	
High School Diploma	225	14	503	111	525	117	491	99
Associate Degree	77	5	529	95	513	111	505	86
Bachelor's Degree	570	35	574	102	563	102	552	103
Graduate Degree	754	46	609	108	604	107	589	103
No Response	198		503	126	501	110	477	109
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	534	36	586	109	581	108	569	107
Yes, As a Sophomore or Younger	246	16	587	99	573	103	557	95
Yes, As a Junior and As a Sophomore or Younger	349	23	627	105	617	107	609	101
No	374	25	521	102	524	109	501	97
No Response	332		524	126	533	113	505	111

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	482	58	48	52	637	643	617
Second Tenth	188	23	56	44	563	558	538
Second Fifth	111	13	50	50	542	530	508
Final Three Fifths	47	6	60	40	481	469	481
No Response	1,007		47	53	546	540	527

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)	315	19	48	52	652	653	635
A (93–96)	511	31	42	58	593	600	575
A- (90–92)	343	21	50	50	554	556	539
B (80–89)	427	26	59	41	511	498	486
C (70–79)	37	2	57	43	491	466	465
D, E, or F (below 70)		0					
No Response	202		42	58	544	526	520
<b>Mean Grade Point Average</b>	<b>All Students: 3.72</b>		<b>Male: 3.67</b>		<b>Female: 3.78</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	2.6	3.0	2.8	3.84	3.93	3.88
English and Language Arts	4.0	4.0	4.0	3.66	3.80	3.73
Foreign and Classical Languages	2.8	2.9	2.9	3.61	3.72	3.66
Mathematics	4.0	3.9	4.0	3.58	3.50	3.53
Natural Sciences	3.7	3.6	3.7	3.61	3.65	3.63
Social Sciences and History	3.7	3.7	3.7	3.70	3.78	3.74
<b>Total for All Subjects</b>	<b>20.8</b>	<b>21.1</b>	<b>21.1</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

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	219	16	46	54	593	597	573	
4 Years	1,003	73	49	51	586	577	565	
3 Years	97	7	44	56	525	528	508	
2 Years	28	2	68	32	523	528	486	
1 Year	10	1	50	50	519	503	489	
1/2 Year or Less	12	1	25	75	478	461	449	
No Response	466		50	50	538	544	521	
AP®/Honors Courses	852	62	43	57	618	603	596	
<b>Course Work or Experience</b>								
English/Language Arts	1,267	98	47	53	581	572	560	
Journalism	178	14	30	70	587	560	572	
Creative Writing	375	29	36	64	589	562	566	
American Literature	711	55	45	55	586	576	571	
Composition/Writing	599	46	47	53	571	558	554	
British Literature	324	25	43	57	598	575	581	
World Literature	419	32	42	58	587	569	577	
Communications	123	9	46	54	560	567	547	
Public Speaking	236	18	48	52	606	589	587	
English As Second Language	69	5	46	54	467	569	465	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	278	20	55	45	585	614	571	
4 Years	847	62	48	52	592	580	571	
3 Years	187	14	37	63	541	511	516	
2 Years	35	3	66	34	524	511	485	
1 Year	11	1	73	27	479	525	438	
1/2 Year or Less	11	1	27	73	494	455	468	
No Response	466		50	50	538	544	521	
AP/Honors Courses	830	61	51	49	618	621	596	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	742	55	52	48	616	628	597	
Pre-calculus	331	25	40	60	550	533	532	
Geometry	247	18	46	54	520	469	489	
Algebra II	7	1	57	43	513	496	497	
Algebra I	4	0	50	50				

\*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	218	16	52	48	599	614	580	
4 Years	653	48	49	51	594	585	576	
3 Years	368	27	46	54	563	548	539	
2 Years	74	5	49	51	533	526	503	
1 Year	17	1	59	41	533	520	488	
1/2 Year or Less	25	2	36	64	494	483	457	
No Response	480		50	50	539	545	522	
AP/Honors Courses	709	52	49	51	621	620	599	
<b>Course Work or Experience</b>								
Biology	1,267	97	47	53	581	573	560	
Chemistry	1,181	90	48	52	586	580	566	
Physics	886	68	51	49	594	598	576	
Geology, Earth, or Space Science	591	45	47	53	550	542	528	
Other Sciences	448	34	40	60	560	547	543	

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	185	14	48	52	597	599	579	
4 Years	730	54	48	52	589	578	571	
3 Years	320	24	49	51	566	560	541	
2 Years	93	7	59	41	554	558	524	
1 Year	12	1	58	42	546	563	497	
1/2 Year or Less	16	1	25	75	477	459	458	
No Response	479		49	51	539	545	521	
AP/Honors Courses	775	57	46	54	620	608	599	
<b>Course Work or Experience</b>								
U.S. History	1,255	96	48	52	582	575	561	
World History or Cultures	931	71	48	52	580	570	558	
U.S. Government or Civics	1,061	81	46	54	585	573	562	
Economics	332	25	50	50	571	562	553	
Geography	934	71	46	54	581	574	559	
Psychology	527	40	42	58	580	568	559	
European History	528	40	46	54	596	582	578	
Sociology	138	11	36	64	564	551	543	
Ancient History	274	21	47	53	572	560	561	
Other Courses	193	15	41	59	590	578	568	

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
<b>Years of Study</b>							
More Than 4 Years	133	10	50	50	592	607	587
4 Years	289	21	44	56	604	593	590
3 Years	391	29	50	50	587	580	565
2 Years	407	30	50	50	571	558	543
1 Year	67	5	57	43	539	530	511
1/2 Year or Less	73	5	44	56	521	529	489
No Response	475		50	50	539	545	522
AP/Honors Courses	390	29	46	54	623	615	612
<b>Course Work or Experience</b>							
Chinese	135	10	56	44	579	614	556
French	291	22	32	68	602	575	580
German	71	5	54	46	604	583	565
Greek	5	0	40	60	590	598	512
Hebrew	5	0	20	80	610	570	588
Italian	9	1	56	44	562	587	553
Japanese	29	2	52	48	597	580	550
Korean	6	0	33	67	527	593	533
Latin	66	5	42	58	585	545	551
Russian	4	0	75	25			
Spanish	785	60	52	48	576	567	557
Other Languages	83	6	31	69	548	544	530

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>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	183	14	44	56	584	578	570
4 Years	298	22	33	67	601	581	580
3 Years	246	18	48	52	568	560	551
2 Years	397	29	59	41	581	582	556
1 Year	166	12	56	44	585	585	561
1/2 Year or Less	57	4	54	46	499	495	478
No Response	488		49	51	539	545	522
AP/Honors Courses	254	19	41	59	633	620	612
<b>Course Work or Experience</b>							
Acting or Play Production	380	30	40	60	607	580	582
Art History or Appreciation	276	21	36	64	580	559	559
Dance	312	24	22	78	567	548	555
Drama: Study or Appreciation	289	22	36	64	592	557	570
Music: Study or Appreciation	243	19	41	59	610	585	596
Music Performance	666	52	46	54	603	590	583
Photography or Film	370	29	41	59	575	564	558
Studio Art and Design	408	32	39	61	596	581	573
None	87	7	69	31	518	547	489

<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
Computer Literacy	1,015	80	47	53	586	574	564
Computer Programming	257	20	58	42	583	594	564
Word Processing	957	75	45	55	587	577	565
Internet Activity	743	58	48	52	587	578	565
Using Computer Graphics	508	40	54	46	584	577	563
Creating Spreadsheets/Databases	602	47	47	53	589	576	565
None	72	6	46	54	567	580	554

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
472	1,238	350	656	665	640

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	39	8
2	182	39
3	187	40
4 or More	64	14

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	172	643	87	135	678	80	651	76	659	81	
<b>History and Social Studies</b>											
U.S. History	190	673	90	153	667	86	655	82	652	85	
World History	16	619		14	650		614		611		
<b>Mathematics</b>											
Mathematics Level 1	101	626	82	68	621	100	637	73	612	105	
Mathematics Level 2	293	696	82	223	672	93	695	68	656	90	
<b>Science</b>											
Biology-E	56	669	90	44	656	91	657	95	634	102	
Biology-M	82	690	81	64	668	93	672	73	654	85	
Chemistry	146	674	94	114	661	93	687	75	649	91	
Physics	112	686	96	71	675	95	706	73	643	100	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	9	714		7	549		629		541		
French	13	646		12	620		621		648		
French/Listening	1			1							
German	4			3							
German/Listening	1										
Modern Hebrew	1			1							
Italian	1			1							
Japanese/Listening	1			1							
Korean/Listening	4			3							
Latin	5	656		5	658		690		640		
Spanish	27	627	115	20	662		663		667		
Spanish/Listening	3			3							

## 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	19	11	49	26	3	19
700-740	35	20	34	18	2	13
650-690	40	23	39	21	2	13
600-640	32	19	33	17	2	13
550-590	22	13	17	9	2	13
500-540	13	8	10	5	2	13
450-490	7	4	4	2	2	13
400-440	4	2	3	2	1	6
350-390			1	1		
300-340						
250-290						
200-240						
Total	172		190		16	
Mean	643		673		619	
SD	87		90			
75th percentile	700		750			
50th percentile	650		680			
25th percentile	580		620			

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	5	5	109	37	12	21	28	34	42	29	39	35
700-740	17	17	44	15	13	23	11	13	22	15	19	17
650-690	24	24	49	17	10	18	18	22	36	25	21	19
600-640	17	17	53	18	12	21	14	17	20	14	15	13
550-590	21	21	28	10	1	2	6	7	7	5	7	6
500-540	9	9	7	2	5	9	3	4	13	9	6	5
450-490	7	7	3	1	3	5	1	1	4	3	4	4
400-440	1	1					1	1	2	1		
350-390											1	1
300-340												
250-290												
200-240												
Total	101		293		56		82		146		112	
Mean	626		696		669		690		674		686	
SD	82		82		90		81		94		96	
75th percentile	690		770		730		750		750		760	
50th percentile	630		700		670		690		680		700	
25th percentile	560		630		610		630		620		630	

## 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	4	44	4	31	1	100	1	25				
700-740	2	22	2	15								
650-690	2	22	1	8			1	25				
600-640							1	25				
550-590			2	15					1	100		
500-540	1	11	3	23								
450-490			1	8								
400-440											1	100
350-390												
300-340							1	25				
250-290												
200-240												
Total	9		13		1		4		1		1	
Mean	714		646									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	100			4	100			6	22	1	33
700-740							3	60	1	4		
650-690			1	100					7	26		
600-640									1	4		
550-590							2	40	6	22	1	33
500-540									1	4		
450-490									4	15	1	33
400-440									1	4		
350-390												
300-340												
250-290												
200-240												
Total	1		1		4		5		27		3	
Mean							656		627			
SD									115			
75th percentile									690			
50th percentile									620			
25th percentile									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	7	0	474	444	434
Architecture and Related Services	30	2	562	595	551
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	116	8	620	609	595
Business Management, Marketing, and Related Support Services	122	9	522	562	520
Communication, Journalism and Related Programs	25	2	576	532	562
Computer and Information Sciences and Support Services	25	2	590	638	571
Construction Trades	1	0			
Education	37	3	549	518	541
Engineering	188	13	604	624	571
Engineering Technologies/Technicians	16	1	591	639	559
English Language and Literature/Letters	33	2	630	562	611
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	5	0	592	584	588
Health Professions and Related Clinical Services	220	15	554	548	539
History	23	2	600	546	563
Legal Professions and Studies	36	3	593	551	565
Liberal Arts and Sciences, General Studies, and Humanities	19	1	585	532	556
Library Science And Administration	1	0			
Mathematics and Statistics	20	1	664	717	661
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	11	1	510	525	532
Multi/Interdisciplinary Studies	14	1	598	572	614
Natural Resources and Conservation	6	0	605	558	625
Parks, Recreation, Leisure and Fitness Studies	7	0	513	540	500
Personal and Culinary Services	5	0	510	462	514
Philosophy and Religious Studies	5	0	664	618	678
Physical Sciences	46	3	643	665	603
Precision Production	0	0			
Psychology	59	4	586	548	555
Public Administration and Social Services Professions	2	0			
Security and Protective Services	17	1	502	468	462
Social Sciences	34	2	604	577	577
Theology and Religious Vocations	1	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	146	10	578	547	565
Other	20	1	503	525	497
Undecided	125	9	598	593	572
<b>Degree-Level Goal</b>					
Certificate Program	7	0	560	571	540
Associate Degree	8	1	494	466	459
Bachelor's Degree	305	21	534	514	514
Master's Degree	466	32	569	571	552
Doctoral or Related Degree	470	33	615	610	592
Other	4	0			
Undecided	182	13	588	574	560

## College Plans

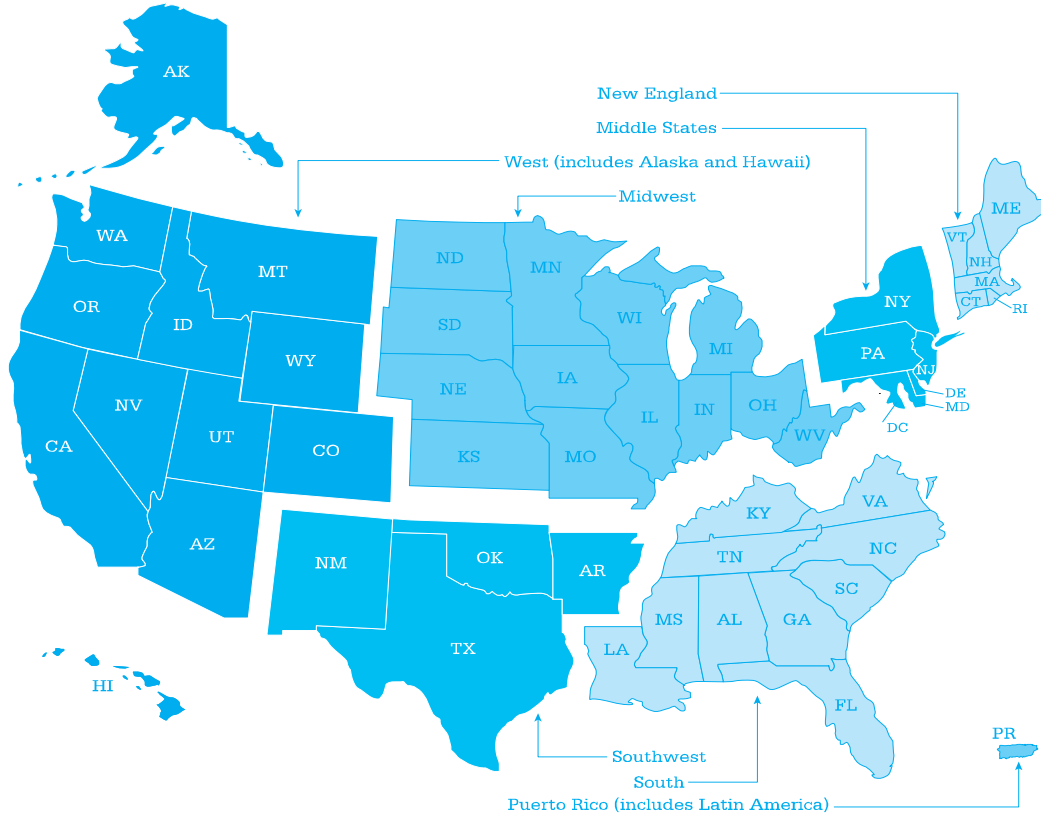
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 1,957 students from your state who took the SAT and/or an SAT Subject Test, 1,259 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 733 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF UTAH	UT	Public	515	40.9
BRIGHAM YOUNG UNIVERSITY	UT	Private	208	16.5
STANFORD UNIVERSITY	CA	Private	177	14.1
UTAH STATE UNIVERSITY	UT	Public	171	13.6
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	153	12.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	122	9.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	104	8.3
YALE UNIVERSITY	CT	Private	99	7.9
UNIVERSITY OF WASHINGTON	WA	Public	98	7.8
WESTMINSTER COLLEGE SALT LAKE CITY	UT	Private	98	7.8
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	94	7.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	93	7.4
PRINCETON UNIVERSITY	NJ	Private	84	6.7
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	79	6.3
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	74	5.9
UNIVERSITY OF CHICAGO	IL	Private	73	5.8
CORNELL UNIVERSITY	NY	Private	66	5.2
NEW YORK UNIVERSITY	NY	Private	63	5.0
WEBER STATE UNIVERSITY	UT	Public	58	4.6
BROWN UNIVERSITY	RI	Private	57	4.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	55	4.4
DUKE UNIVERSITY	NC	Private	55	4.4
UTAH VALLEY UNIVERSITY	UT	Public	55	4.4
BOSTON UNIVERSITY	MA	Private	55	4.4
DARTMOUTH COLLEGE	NH	Private	54	4.3
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	51	4.1
NORTHWESTERN UNIVERSITY	IL	Private	50	4.0
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	50	4.0
SOUTHERN UTAH UNIVERSITY	UT	Public	48	3.8
WASHINGTON UNIVERSITY	MO	Private	44	3.5
CARNEGIE MELLON UNIVERSITY	PA	Private	44	3.5
GEORGETOWN UNIVERSITY	DC	Private	44	3.5
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	42	3.3
UNIVERSITY OF COLORADO BOULDER	CO	Public	42	3.3
NCAA ELIGIBILITY CENTER	IN	Public	41	3.3
UNIVERSITY OF OREGON	OR	Public	40	3.2
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	38	3.0
ARIZONA STATE UNIVERSITY	AZ	Public	35	2.8
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE ADMISSIONS	MD	Private	35	2.8
BRIGHAM YOUNG UNIVERSITY	ID	Private	34	2.7
UNIVERSITY OF SAN DIEGO	CA	Private	33	2.6
VANDERBILT UNIVERSITY	TN	Private	32	2.5
NORTHEASTERN UNIVERSITY	MA	Private	30	2.4
UNIVERSITY OF VIRGINIA	VA	Public	29	2.3
UNIVERSITY OF ARIZONA	AZ	Public	29	2.3

\*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

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212-713-8255 (Fax)

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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  
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847-653-4528 (Fax)

## New England Regional Office

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781-663-2743 (Fax)

## Southern Regional Office

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866-392-4088  
770-225-4062 (Fax)

## Southwestern Regional Office

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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)