



2011 College-Bound Seniors

# State Profile Report

UTAH

## Included in This Report

---

**SAT® Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

© 2011 The College Board. All rights reserved. College Board, AP, SAT and the acorn logo are registered trademarks of the College Board. inspiring minds, SAT Subject Tests and Skills Insight are trademarks owned by the College Board. PSAT/NMSQT is a registered trademark of the College Board and the National Merit Scholarship Corporation. Visit the College Board on the Web: [www.collegeboard.org](http://www.collegeboard.org).

# The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2011* includes students who tested through June 2011.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2011 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 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 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.
- 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.
- 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 Web site 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.

## The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2011

<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

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 2000–2011, 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 <http://www.collegeboard.org/sat/cbs-2011-trends>.

# Table of Contents

## SAT®

SAT Data	Page 1
----------	--------

---

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School
Table 8: Test-Taking Conditions

## Demographic Information

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

---

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

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

---

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

## Academic Information

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

---

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

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

---

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

## SAT Subject Tests™

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

---

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

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

---

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

## College Plans

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

---

Table 26: Intended College Major, Degree-Level Goal
-----------------------------------------------------

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

---

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

## SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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	2,124	563	112	559	111	545	108	54.5	11.1	7.7	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,033	563	113	578	111	536	111	53.8	11.3	7.6	1.5
Female	1,091	564	110	541	109	553	105	55.2	10.9	7.9	1.3

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	1,223	560	115	557	110	542	111	54.1	11.4	7.7	1.4
Junior (2009-2010)	887	568	106	563	112	550	104	55.1	10.7	7.8	1.4
Sophomore (2008-2009)	12	549		544		526		52.8		7.5	
Freshman (2007-2008)	2										
Total	2,124	563	112	559	111	545	108	54.5	11.1	7.7	1.4

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	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 2011 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	640	640	620	570	600	560
50th	570	560	540	490	510	480
25th	480	480	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	136	126	262	166	86	252	85	102	187
600-690	293	321	614	311	258	569	223	289	512
500-590	306	338	644	312	374	686	358	381	739
400-490	225	242	467	187	276	463	269	243	512
300-390	65	52	117	51	85	136	77	72	149
200-290	8	12	20	6	12	18	21	4	25

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,297	64	48	52	585	580	565
Religiously Affiliated	419	21	51	49	528	535	514
Independent	297	15	49	51	527	516	515
Other or Unknown	111		49	51	539	526	513

**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	128	6	534	101	517	118	511	105
Nonstandard Conditions	42	2	545	107	522	125	548	101

## 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	15	1	484		506		479	
Asian, Asian American, or Pacific Islander	239	11	523	129	607	117	526	131
Black or African American	35	2	481	101	484	80	455	92
Mexican or Mexican American	63	3	515	97	499	102	506	97
Puerto Rican	5	0	572		566		542	
Other Hispanic, Latino, or Latin American	62	3	518	106	495	103	506	93
White	1,531	72	579	104	564	107	557	102
Other	66	3	561	120	547	117	540	117
No Response	108	5	524	117	497	105	504	105
Total	2,124	100	563	112	559	111	545	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	1	0						
Asian, Asian American, or Pacific Islander	125	6	516	136	619	118	509	138
Black or African American	16	1	482		476		448	
Mexican or Mexican American	27	1	500	97	516	103	482	101
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	26	1	516	105	517	110	501	98
White	756	36	579	106	583	106	549	103
Other	30	1	543	100	529	128	506	111
No Response	49	2	530	116	526	101	499	104
Total	1,033	49	563	113	578	111	536	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	14	1	476		497		475	
Asian, Asian American, or Pacific Islander	114	5	530	121	594	115	544	120
Black or African American	19	1	481		492		461	
Mexican or Mexican American	36	2	527	95	485	98	524	91
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	36	2	519	107	479	95	510	88
White	775	36	579	102	545	104	565	100
Other	36	2	577	132	562	104	568	115
No Response	59	3	519	118	473	102	507	106
Total	1,091	51	564	110	541	109	553	105

## 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	2,124	100	563	112	559	111	545	108
<b>First Language Learned</b>								
English	1,672	82	575	104	561	108	553	103
English and Another	170	8	551	123	551	116	540	122
Another Language	186	9	482	132	577	131	501	134
No Response	96		534	97	505	109	507	93
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,814	94	575	106	562	109	554	104
U.S. Permanent Resident or Refugee	40	2	567	111	592	127	573	101
Citizen of Another Country	86	4	461	118	599	124	478	136
Other, Unknown, or No Response	184		492	112	508	112	480	98
<b>Plans to Apply for Financial Aid</b>								
Yes	1,125	65	573	109	564	111	553	106
No	209	12	554	109	551	105	535	104
Don't Know	402	23	560	109	564	114	545	110
No Response	388		542	119	547	112	527	113
<b>Family Income</b>								
\$0 - \$20,000	67	5	516	119	523	113	507	108
\$20,000–\$40,000	107	9	545	105	534	108	528	104
\$40,000–\$60,000	150	12	546	113	550	102	526	109
\$60,000–\$80,000	185	15	570	108	554	107	553	112
\$80,000–\$100,000	197	16	569	114	572	109	548	104
\$100,000–\$120,000	152	12	591	100	579	111	564	102
\$120,000–\$140,000	79	6	558	111	554	114	539	107
\$140,000–\$160,000	58	5	580	109	573	108	579	112
\$160,000–\$200,000	89	7	577	99	570	105	558	104
More than \$200,000	170	14	593	95	582	102	577	89
No Response	870		557	115	555	115	538	111
<b>Highest Level of Parental Education</b>								
No High School Diploma	23	1	443		430		420	
High School Diploma	313	16	528	107	523	101	510	102
Associate Degree	94	5	528	95	503	106	501	100
Bachelor's Degree	730	37	562	110	559	108	542	103
Graduate Degree	807	41	600	100	595	104	583	100
No Response	157		494	117	498	109	481	107
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	700	37	574	109	568	109	557	106
Yes, As a Sophomore or Younger	272	14	568	97	556	101	549	95
Yes, As a Junior and As a Sophomore or Younger	384	20	621	99	611	101	605	97
No	533	28	524	108	528	112	502	102
No Response	235		519	114	524	111	503	104

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	569	53	47	53	623	628	609
Second Tenth	265	25	48	52	563	566	546
Second Fifth	137	13	56	44	535	531	515
Final Three Fifths	96	9	55	45	484	465	460
No Response	1,057		48	52	542	533	522

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)	335	17	44	56	632	635	624
A (93–96)	609	31	46	54	592	604	576
A- (90–92)	398	20	45	55	560	549	535
B (80–89)	534	27	56	44	517	501	498
C (70–79)	90	5	64	36	473	460	445
D, E, or F (below 70)	1	0	0	100			
No Response	157		45	55	522	508	499
<b>Mean Grade Point Average</b>	<b>All Students: 3.66</b>		<b>Male: 3.59</b>		<b>Female: 3.72</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	3.1	2.9	3.85	3.93	3.89
English and Language Arts	4.0	4.0	4.0	3.61	3.82	3.72
Foreign and Classical Languages	2.8	2.9	2.9	3.56	3.70	3.64
Mathematics	3.9	3.9	3.9	3.50	3.48	3.49
Natural Sciences	3.7	3.6	3.6	3.59	3.65	3.62
Social Sciences and History	3.7	3.7	3.7	3.65	3.75	3.70
<b>Total for All Subjects</b>	<b>20.7</b>	<b>21.2</b>	<b>21.0</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	282	16	44	56	587	595	571	
4 Years	1,241	72	48	52	573	563	554	
3 Years	158	9	49	51	532	525	512	
2 Years	29	2	59	41	524	562	517	
1 Year	13	1	54	46	518	520	492	
1/2 Year or Less	8	0	38	63	524	496	468	
No Response	393		53	47	532	537	516	
AP®/Honors Courses	1,039	60	42	58	610	596	591	
<b>Course Work or Experience</b>								
English/Language Arts	1,585	96	47	53	573	565	554	
Journalism	267	16	35	65	589	566	577	
Creative Writing	523	32	40	60	571	556	557	
American Literature	926	56	47	53	575	567	559	
Composition/Writing	806	49	44	56	566	556	551	
British Literature	352	21	47	53	595	582	574	
World Literature	550	33	47	53	583	567	563	
Communications	142	9	56	44	550	559	539	
Public Speaking	294	18	46	54	584	572	570	
English As Second Language	85	5	52	48	483	593	488	

<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	304	18	51	49	584	613	566	
4 Years	1,039	60	47	53	576	565	558	
3 Years	328	19	47	53	551	529	528	
2 Years	37	2	49	51	518	517	508	
1 Year	14	1	79	21	480	527	458	
1/2 Year or Less	9	1	44	56	528	458	437	
No Response	393		52	48	533	535	517	
AP/Honors Courses	970	56	49	51	612	619	593	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	778	46	51	49	611	632	593	
Pre-calculus	518	31	43	57	556	540	537	
Trigonometry	65	4	46	54	546	511	522	
Algebra II	279	16	43	57	511	467	491	
Algebra I	43	3	58	42	443	398	427	

\*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	250	15	53	47	594	617	579	
4 Years	788	46	48	52	579	570	560	
3 Years	549	32	45	55	557	545	539	
2 Years	91	5	45	55	519	502	493	
1 Year	25	1	64	36	547	554	534	
1/2 Year or Less	15	1	20	80	539	479	490	
No Response	406		53	47	534	538	518	
AP/Honors Courses	858	50	47	53	613	612	595	
<b>Course Work or Experience</b>								
Biology	1,593	96	47	53	572	564	553	
Chemistry	1,449	87	47	53	578	573	560	
Physics	1,011	61	50	50	583	587	565	
Geology, Earth, or Space Science	780	47	47	53	550	541	535	
Other Sciences	532	32	44	56	558	549	540	

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	207	12	50	50	599	596	575	
4 Years	918	53	48	52	574	563	555	
3 Years	475	28	44	56	560	556	544	
2 Years	94	5	57	43	539	560	522	
1 Year	20	1	35	65	539	550	529	
1/2 Year or Less	10	1	50	50	513	473	451	
No Response	400		54	47	533	538	517	
AP/Honors Courses	937	54	45	55	614	600	594	
<b>Course Work or Experience</b>								
U.S. History	1,576	95	47	53	572	567	554	
World History or Cultures	1,204	72	48	52	569	561	549	
U.S. Government or Civics	1,164	70	46	54	573	563	554	
Economics	354	21	53	47	549	562	536	
Geography	1,211	73	45	55	575	570	555	
Psychology	622	37	41	59	581	569	566	
European History	650	39	48	52	588	575	568	
Sociology	173	10	42	58	541	543	534	
Ancient History	412	25	46	54	561	554	543	
Other Courses	223	13	42	58	574	558	561	

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	163	9	44	56	600	611	585
4 Years	351	20	48	52	602	587	584
3 Years	498	29	45	55	568	563	555
2 Years	552	32	51	49	555	547	533
1 Year	78	5	46	54	538	530	507
1/2 Year or Less	76	4	47	53	519	516	491
No Response	406		53	47	534	539	517
AP/Honors Courses	466	27	43	57	626	612	609
<b>Course Work or Experience</b>							
Chinese	113	7	53	47	563	609	551
French	349	21	35	65	594	570	572
German	129	8	57	43	594	589	570
Greek	4	0	50	50			
Hebrew	5	0	100	0	566	586	558
Italian	12	1	33	67	622	606	599
Japanese	59	4	54	46	568	585	545
Korean	10	1	70	30	492	630	499
Latin	105	6	43	57	591	568	572
Russian	13	1	69	31	577	524	543
Spanish	1,015	61	50	50	567	559	551
Other Languages	92	6	47	53	544	547	521

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	234	14	38	62	586	591	577
4 Years	383	23	40	60	577	563	559
3 Years	320	19	44	56	567	558	548
2 Years	497	29	51	49	569	565	550
1 Year	207	12	60	40	559	554	533
1/2 Year or Less	61	4	67	33	531	529	498
No Response	422		54	46	535	540	519
AP/Honors Courses	293	17	35	65	610	601	604
<b>Course Work or Experience</b>							
Acting or Play Production	427	26	37	63	599	576	578
Art History or Appreciation	350	21	38	62	582	559	563
Dance	380	23	26	74	558	548	545
Drama: Study or Appreciation	365	22	36	64	582	556	567
Music: Study or Appreciation	313	19	49	51	601	587	583
Music Performance	851	52	47	53	590	587	572
Photography or Film	571	35	43	57	570	556	550
Studio Art and Design	518	32	42	58	580	562	559
None	111	7	69	31	532	538	513

<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	1,337	82	46	54	580	571	558
Computer Programming	360	22	62	38	555	563	540
Word Processing	1,258	77	46	54	579	569	558
Internet Activity	941	58	47	53	578	569	558
Using Computer Graphics	667	41	53	47	571	568	549
Creating Spreadsheets/Databases	780	48	50	50	584	577	561
None	68	4	49	51	540	542	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.

## 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
541	1,400	413	633	652	626

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	35	6
2	213	39
3	249	46
4 or More	44	8

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	207	630	90	158	658	80	626	83	644	79	
<b>History and Social Studies</b>											
U.S. History	235	652	96	183	647	86	635	89	636	80	
World History	20	637		17	664		654		649		
<b>Mathematics</b>											
Mathematics Level 1	111	613	96	72	587	85	621	91	593	97	
Mathematics Level 2	338	677	90	265	638	109	684	73	633	99	
<b>Science</b>											
Biology-E	58	661	71	44	644	89	652	89	647	86	
Biology-M	73	672	88	60	647	96	675	76	642	91	
Chemistry	148	654	101	118	637	104	680	80	620	97	
Physics	104	670	90	76	628	117	691	79	627	98	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	11	773		10	552		671		569		
French	22	630		19	665		592		614		
French/Listening	3			2							
German	1			1							
German/Listening	2			2							
Modern Hebrew											
Italian	3			2							
Japanese/Listening	5	680		4							
Korean/Listening	6	785		5	554		702		590		
Latin	7	603		6	697		655		695		
Spanish	40	638	124	36	666	84	652	70	662	84	
Spanish/Listening	6	732		6	670		613		657		

## 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	22	11	38	16	5	25
700-740	36	17	59	25	4	20
650-690	40	19	42	18	1	5
600-640	35	17	30	13	3	15
550-590	42	20	26	11		
500-540	17	8	26	11	5	25
450-490	8	4	9	4	1	5
400-440	5	2	3	1	1	5
350-390	1	0	1	0		
300-340	1	0	1	0		
250-290						
200-240						
Total	207		235		20	
Mean	630		652		637	
SD	90		96			
75th percentile	700		730		740	
50th percentile	630		680		620	
25th percentile	570		580		520	

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	7	6	100	30	4	7	15	21	33	22	26	25
700-740	21	19	53	16	18	31	20	27	24	16	18	17
650-690	17	15	59	17	14	24	12	16	23	16	23	22
600-640	19	17	61	18	10	17	16	22	28	19	16	15
550-590	21	19	36	11	9	16	5	7	16	11	10	10
500-540	12	11	21	6	2	3	1	1	11	7	8	8
450-490	9	8	5	1			2	3	9	6	1	1
400-440	3	3	3	1	1	2			4	3	2	2
350-390	2	2					2	3				
300-340												
250-290												
200-240												
Total	111		338		58		73		148		104	
Mean	613		677		661		672		654		670	
SD	96		90		71		88		101		90	
75th percentile	690		750		710		730		740		740	
50th percentile	610		680		670		690		660		670	
25th percentile	550		610		610		620		590		600	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	9	82	5	23	1	33			1	50		
700-740	1	9	4	18	1	33			1	50		
650-690	1	9	2	9								
600-640			1	5	1	33						
550-590			4	18								
500-540			1	5			1	100				
450-490			2	9								
400-440			3	14								
350-390												
300-340												
250-290												
200-240												
Total	11		22		3		1		2			
Mean	773		630									
SD												
75th percentile			730									
50th percentile			640									
25th percentile			460									

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	67	2	40	5	83			10	25	3	50
700-740					1	17			8	20	1	17
650-690			2	40			2	29	5	13	2	33
600-640	1	33					2	29	3	8		
550-590							1	14	4	10		
500-540							2	29	4	10		
450-490			1	20					3	8		
400-440									1	3		
350-390									1	3		
300-340									1	3		
250-290												
200-240												
Total	3		5		6		7		40		6	
Mean			680		785		603		638		732	
SD									124			
75th percentile									740			
50th percentile									660			
25th percentile									530			



## 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	5	0	434	400	446
Architecture and Related Services	28	2	530	567	523
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	119	7	606	604	583
Business Management, Marketing, and Related Support Services	163	10	527	548	509
Communication, Journalism and Related Programs	36	2	541	497	525
Computer and Information Sciences and Support Services	29	2	601	614	561
Construction Trades	2	0			
Education	41	2	552	534	533
Engineering	180	11	600	629	582
Engineering Technologies/Technicians	19	1	544	577	503
English Language and Literature/Letters	49	3	624	562	605
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	20	1	611	596	626
Health Professions and Related Clinical Services	320	19	559	560	544
History	33	2	607	540	573
Legal Professions and Studies	36	2	585	517	551
Liberal Arts and Sciences, General Studies, and Humanities	30	2	607	558	590
Library Science And Administration					
Mathematics and Statistics	30	2	591	669	573
Mechanic and Repair Technologies/Technician	5	0	470	434	410
Military Technologies And Applied Sciences	4	0			
Multi/Interdisciplinary Studies	3	0			
Natural Resources and Conservation	12	1	610	579	591
Parks, Recreation, Leisure and Fitness Studies	6	0	528	528	508
Personal and Culinary Services	5	0	552	496	524
Philosophy and Religious Studies	7	0	606	621	570
Physical Sciences	28	2	657	650	630
Precision Production					
Psychology	93	6	564	533	548
Public Administration and Social Services Professions	8	0	519	495	509
Security and Protective Services	16	1	494	461	466
Social Sciences	55	3	623	595	612
Theology and Religious Vocations	2	0			
Transportation and Materials Moving	3	0			
Visual and Performing Arts	143	9	573	541	552
Other	14	1	520	500	477
Undecided	126	8	598	583	584
<b>Degree-Level Goal</b>					
Certificate Program	18	1	519	499	523
Associate Degree	13	1	465	453	427
Bachelor's Degree	367	20	522	516	504
Master's Degree	554	31	569	559	551
Doctoral or Related Degree	598	33	604	603	586
Other	10	1	488	497	451
Undecided	244	14	569	561	548

## College Plans

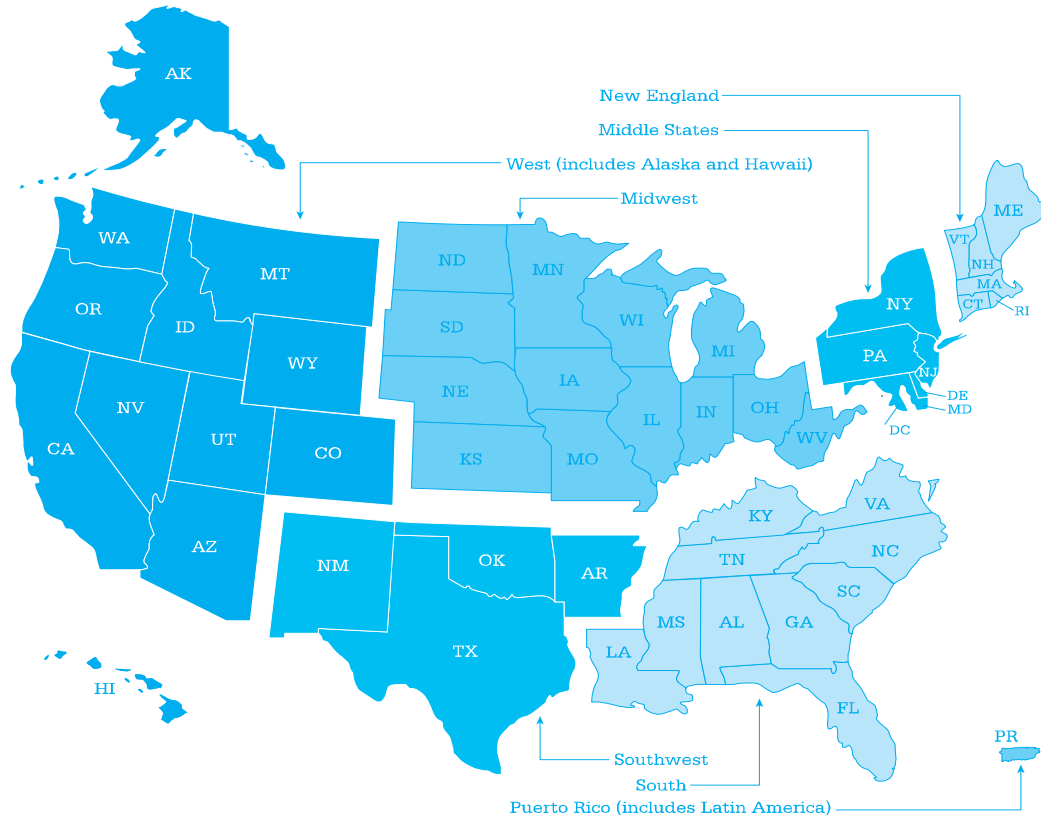
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 2,252 students from your state who took the SAT and/or an SAT Subject Test, 1,415 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 714 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF UTAH	UT	Public	547	38.7
BRIGHAM YOUNG UNIVERSITY	UT	Private	254	18.0
UTAH STATE UNIVERSITY	UT	Public	210	14.8
STANFORD UNIVERSITY	CA	Private	200	14.1
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	167	11.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	165	11.7
WESTMINSTER COLLEGE SALT LAKE CITY	UT	Private	152	10.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	102	7.2
UNIVERSITY OF WASHINGTON	WA	Public	94	6.6
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	93	6.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	92	6.5
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	90	6.4
PRINCETON UNIVERSITY	NJ	Private	87	6.1
YALE UNIVERSITY	CT	Private	86	6.1
NCAA ELIGIBILITY CENTER	IN	Public	86	6.1
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	85	6.0
UTAH VALLEY UNIVERSITY	UT	Public	79	5.6
CORNELL UNIVERSITY	NY	Private	76	5.4
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	72	5.1
BROWN UNIVERSITY	RI	Private	70	4.9
NEW YORK UNIVERSITY	NY	Private	65	4.6
DARTMOUTH COLLEGE	NH	Private	62	4.4
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	56	4.0
UNIVERSITY OF CHICAGO	IL	Private	56	4.0
WEBER STATE UNIVERSITY	UT	Public	56	4.0
UNIVERSITY OF PORTLAND	OR	Private	55	3.9
WASHINGTON UNIVERSITY	MO	Private	54	3.8
DUKE UNIVERSITY	NC	Private	54	3.8
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	53	3.7
SOUTHERN UTAH UNIVERSITY	UT	Public	52	3.7
BOSTON UNIVERSITY	MA	Private	51	3.6
NORTHWESTERN UNIVERSITY	IL	Private	48	3.4
ARIZONA STATE UNIVERSITY	AZ	Public	47	3.3
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	45	3.2
UNIVERSITY OF OREGON	OR	Public	43	3.0
GEORGETOWN UNIVERSITY	DC	Private	41	2.9
LEWIS AND CLARK COLLEGE	OR	Private	40	2.8
BOSTON COLLEGE	MA	Private	40	2.8
BRIGHAM YOUNG UNIVERSITY	ID	Private	38	2.7
UNIVERSITY OF SAN DIEGO	CA	Private	36	2.5
POMONA COLLEGE	CA	Private	36	2.5
VANDERBILT UNIVERSITY	TN	Private	35	2.5
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	34	2.4
UNIVERSITY OF COLORADO BOULDER	CO	Public	33	2.3
DIXIE STATE COLLEGE OF UTAH	UT	Public	33	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

45 Columbus Avenue  
New York, NY 10023-6992  
212-713-8000  
212-713-8255 (Fax)

### Middle States Regional Office

Three Bala Plaza East, Suite 501  
Bala Cynwyd, PA 19004-1501  
866-392-3019  
610-227-2580 (Fax)

### Midwestern Regional Office

6111 N. River Road, Suite 550  
Rosemont, IL 60018-5158  
866-392-4086  
847-653-4528 (Fax)

### New England Regional Office

1601 Trapelo Road, Suite 12  
Waltham, MA 02451-7333  
866-392-4089  
781-663-2743 (Fax)

### Southern Regional Office

3700 Crestwood Parkway NW, Suite 700  
Duluth, GA 30096-7155  
866-392-4088  
770-225-4062 (Fax)

### Southwestern Regional Office

4330 Gaines Ranch Loop, Suite 200  
Austin, TX 78735-6735  
866-392-3017  
512-721-1841 (Fax)

### Western Regional Office

2099 Gateway Place, Suite 550  
San Jose, CA 95110-1051  
866-392-4078  
408-367-1459 (Fax)

### Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501  
San Juan, PR 00918-1017  
Mailing address:  
P.O. Box 71101  
San Juan, PR 00936-8001  
787-772-1200  
787-759-8629 (Fax - Reception area)  
787-764-4306 (Fax - Director's office)

### International Education Office

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

### Washington Office

1233 20th Street NW, Suite 600  
Washington, DC 20036-2375  
202-741-4700  
202-741-4743 (Fax)

### Florida Office

1545 Raymond Diehl Road, Suite 250  
Tallahassee, FL 32308-1500  
850-521-4900  
850-521-4921 (Fax)