



2011 College-Bound Seniors

# State Profile Report

NEW YORK

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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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 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>.

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## 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	162,947	485	114	499	119	476	115	47.2	11.5	7.4	1.6

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	76,805	488	115	514	122	469	116	46.8	11.5	7.2	1.7
Female	86,142	482	112	486	114	482	114	47.6	11.5	7.6	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 (2010-2011)	110,809	475	108	491	114	466	109	46.2	11.0	7.3	1.5
Junior (2009-2010)	51,922	505	121	517	126	497	124	49.3	12.4	7.6	1.6
Sophomore (2008-2009)	211	624	121	646	127	633	129	62.7	12.8	8.6	1.7
Freshman (2007-2008)	5	504		458		454		45.4		6.6	
Total	162,947	485	114	499	119	476	115	47.2	11.5	7.4	1.6

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	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.

## 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	560	580	550	570	600	560
50th	480	500	470	490	510	480
25th	410	420	390	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	3,257	3,119	6,376	5,567	3,129	8,696	2,942	3,807	6,749
600–690	10,910	10,966	21,876	15,142	12,411	27,553	8,319	10,574	18,893
500–590	20,974	23,250	44,224	21,668	23,930	45,598	17,904	22,557	40,461
400–490	25,141	29,788	54,929	21,241	27,543	48,784	26,381	29,382	55,763
300–390	13,420	15,575	28,995	10,712	15,499	26,211	17,480	16,685	34,165
200–290	3,103	3,444	6,547	2,475	3,630	6,105	3,779	3,137	6,916

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	133,460	85	46	54	480	497	470
Religiously Affiliated	18,945	12	50	50	514	514	511
Independent	4,413	3	49	51	583	589	590
Other or Unknown	6,129		50	50	431	438	419

**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	7,811	5	457	114	459	117	443	110
Nonstandard Conditions	6,354	4	456	118	460	126	452	119

## 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	759	0	451	106	457	107	435	98
Asian, Asian American, or Pacific Islander	14,896	9	498	130	578	125	503	134
Black or African American	23,801	15	421	96	416	98	410	93
Mexican or Mexican American	2,384	1	424	97	442	99	411	95
Puerto Rican	6,451	4	442	100	439	102	430	97
Other Hispanic, Latino, or Latin American	17,250	11	429	102	437	105	422	102
White	84,568	52	520	103	533	103	510	105
Other	6,400	4	477	118	487	121	472	121
No Response	6,438	4	451	119	455	118	439	118
Total	162,947	100	485	114	499	119	476	115

Table 10: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	371	0	443	106	469	109	423	95
Asian, Asian American, or Pacific Islander	7,478	5	499	131	589	127	495	135
Black or African American	10,448	6	419	97	423	101	398	91
Mexican or Mexican American	1,078	1	434	99	461	103	409	97
Puerto Rican	2,876	2	443	100	452	103	422	95
Other Hispanic, Latino, or Latin American	7,550	5	432	104	453	109	416	102
White	41,062	25	522	105	547	106	500	107
Other	2,704	2	475	120	499	124	462	122
No Response	3,238	2	452	119	465	120	431	116
Total	76,805	47	488	115	514	122	469	116

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	388	0	457	105	446	104	446	100
Asian, Asian American, or Pacific Islander	7,418	5	497	129	567	123	512	133
Black or African American	13,353	8	422	96	412	95	418	93
Mexican or Mexican American	1,306	1	415	93	426	92	412	94
Puerto Rican	3,575	2	441	100	429	99	437	98
Other Hispanic, Latino, or Latin American	9,700	6	427	100	424	101	426	101
White	43,506	27	518	101	520	98	518	103
Other	3,696	2	479	117	478	117	480	120
No Response	3,200	2	450	118	444	114	447	120
Total	86,142	53	482	112	486	114	482	114

## 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	162,947	100	485	114	499	119	476	115
<b>First Language Learned</b>								
English	114,529	72	497	109	505	113	486	110
English and Another	26,489	17	465	114	486	126	462	117
Another Language	17,403	11	439	121	493	138	443	126
No Response	4,526		454	131	465	133	443	132
<b>Citizenship</b>								
U.S. Citizen / U.S. National	144,384	93	492	111	503	116	483	112
U.S. Permanent Resident or Refugee	7,750	5	419	118	476	135	420	122
Citizen of Another Country	2,461	2	437	116	512	138	446	122
Other, Unknown, or No Response	8,352		424	120	448	129	417	120
<b>Plans to Apply for Financial Aid</b>								
Yes	107,776	79	483	108	497	113	473	108
No	6,706	5	533	121	552	123	534	127
Don't Know	22,390	16	504	117	523	121	498	121
No Response	26,075		461	126	477	132	454	128
<b>Family Income</b>								
\$0 - \$20,000	13,655	16	418	101	444	114	410	100
\$20,000–\$40,000	14,516	16	455	102	473	110	446	101
\$40,000–\$60,000	12,315	14	479	100	491	106	467	100
\$60,000–\$80,000	11,547	13	496	99	506	103	482	100
\$80,000–\$100,000	10,243	12	505	98	520	102	494	100
\$100,000–\$120,000	8,735	10	516	99	529	102	504	100
\$120,000–\$140,000	4,318	5	522	100	536	102	511	102
\$140,000–\$160,000	3,347	4	528	99	546	102	519	102
\$160,000–\$200,000	3,787	4	533	99	546	103	526	104
More than \$200,000	5,546	6	573	105	594	103	576	111
No Response	74,938		482	119	495	125	475	121
<b>Highest Level of Parental Education</b>								
No High School Diploma	10,029	7	412	99	446	119	407	100
High School Diploma	45,362	32	458	99	471	108	447	99
Associate Degree	15,438	11	475	93	487	101	461	94
Bachelor's Degree	38,333	27	514	104	529	110	506	107
Graduate Degree	32,888	23	552	112	563	114	547	116
No Response	20,897		425	108	443	117	417	107
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	53,913	37	494	108	508	112	484	109
Yes, As a Sophomore or Younger	22,014	15	481	114	496	120	472	115
Yes, As a Junior and As a Sophomore or Younger	47,796	33	507	113	526	118	504	116
No	22,042	15	453	104	461	110	436	101
No Response	17,182		438	121	453	126	430	121

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	15,773	34	45	55	570	595	567
Second Tenth	12,730	27	49	51	505	528	496
Second Fifth	8,030	17	52	48	476	494	465
Final Three Fifths	10,119	22	52	48	429	437	417
No Response	116,295		46	54	476	489	467

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)	7,728	5	41	59	620	643	623
A (93–96)	25,314	17	40	60	567	592	564
A- (90–92)	25,771	17	43	57	528	551	522
B (80–89)	69,226	45	49	51	461	473	450
C (70–79)	22,696	15	55	45	396	399	382
D, E, or F (below 70)	2,061	1	56	44	380	384	367
No Response	10,151		50	50	450	457	438
<b>Mean Grade Point Average</b>	<b>All Students: 3.21</b>		<b>Male: 3.14</b>		<b>Female: 3.28</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	2.3	2.6	2.5	3.55	3.73	3.65
English and Language Arts	3.8	3.8	3.8	3.20	3.43	3.32
Foreign and Classical Languages	3.0	3.2	3.1	3.12	3.40	3.27
Mathematics	3.8	3.8	3.8	3.01	3.03	3.02
Natural Sciences	3.6	3.6	3.6	3.12	3.12	3.12
Social Sciences and History	3.8	3.7	3.7	3.28	3.29	3.28
<b>Total for All Subjects</b>	<b>20.3</b>	<b>20.7</b>	<b>20.5</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>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	15,623	12	44	56	516	535	512	
4 Years	86,288	67	47	53	501	515	491	
3 Years	19,220	15	44	56	453	464	444	
2 Years	3,113	2	48	52	443	469	437	
1 Year	1,802	1	45	55	442	459	438	
1/2 Year or Less	2,099	2	49	51	416	436	406	
No Response	34,802		50	50	459	474	450	
AP®/Honors Courses	39,591	31	38	62	564	571	558	
<b>Course Work or Experience</b>								
English/Language Arts	112,237	96	45	55	491	504	482	
Journalism	12,511	11	41	59	474	482	470	
Creative Writing	35,585	31	41	59	484	492	478	
American Literature	54,154	47	45	55	504	516	497	
Composition/Writing	57,057	49	44	56	491	503	485	
British Literature	18,226	16	44	56	528	535	521	
World Literature	25,581	22	46	54	510	521	502	
Communications	10,636	9	46	54	460	479	454	
Public Speaking	19,286	17	43	57	491	504	485	
English As Second Language	9,571	8	44	56	417	470	419	

<b>Mathematics</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	Writing
More Than 4 Years	21,680	17	48	52	535	570	530	
4 Years	69,654	54	47	53	501	515	492	
3 Years	29,243	23	44	56	455	456	443	
2 Years	3,537	3	47	53	434	447	426	
1 Year	1,645	1	47	53	429	450	423	
1/2 Year or Less	2,458	2	45	55	413	417	402	
No Response	34,730		50	50	459	474	451	
AP/Honors Courses	32,961	26	47	53	570	608	566	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	23,074	19	49	51	562	606	559	
Pre-calculus	29,097	24	45	55	527	552	519	
Trigonometry	41,439	34	44	56	468	476	457	
Algebra II	12,782	10	47	53	434	429	423	
Algebra I	11,592	9	45	55	416	401	403	

\*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	17,989	14	47	53	541	569	534	
4 Years	61,291	49	47	53	508	524	500	
3 Years	35,153	28	44	56	460	467	450	
2 Years	5,512	4	47	53	440	453	431	
1 Year	2,898	2	46	54	440	461	432	
1/2 Year or Less	3,482	3	44	56	412	425	404	
No Response	36,622		50	50	458	473	450	
AP/Honors Courses	32,251	26	46	54	577	602	570	
<b>Course Work or Experience</b>								
Biology	104,412	87	46	54	498	513	489	
Chemistry	97,993	82	46	54	507	525	499	
Physics	53,370	45	49	51	530	559	524	
Geology, Earth, or Space Science	82,205	69	46	54	468	477	457	
Other Sciences	33,973	28	43	57	477	487	468	

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	14,778	12	46	54	524	542	517	
4 Years	81,167	64	47	53	503	517	493	
3 Years	22,446	18	45	55	456	468	448	
2 Years	3,905	3	47	53	444	469	438	
1 Year	2,226	2	44	56	441	461	434	
1/2 Year or Less	2,679	2	45	55	409	427	401	
No Response	35,746		50	50	458	473	450	
AP/Honors Courses	40,273	32	45	55	569	580	560	
<b>Course Work or Experience</b>								
U.S. History	114,294	95	45	55	489	504	481	
World History or Cultures	95,400	80	47	53	503	518	494	
U.S. Government or Civics	63,570	53	45	55	483	497	473	
Economics	51,441	43	44	56	488	503	477	
Geography	35,849	30	43	57	474	490	468	
Psychology	23,604	20	34	66	512	518	503	
European History	36,544	31	49	51	518	530	509	
Sociology	11,227	9	37	63	495	502	484	
Ancient History	35,739	30	48	52	502	514	492	
Other Courses	14,677	12	43	57	485	494	476	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 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	17,263	14	39	61	540	560	538
4 Years	36,362	29	44	56	527	543	522
3 Years	39,731	31	48	52	489	505	478
2 Years	17,437	14	49	51	452	460	438
1 Year	9,181	7	51	49	420	429	405
1/2 Year or Less	6,832	5	53	47	409	424	399
No Response	36,141		51	49	458	473	449
AP/Honors Courses	23,490	19	39	61	567	584	566
<b>Course Work or Experience</b>							
Chinese	3,109	3	47	53	491	574	490
French	19,127	16	39	61	521	525	510
German	2,145	2	54	46	541	549	519
Greek	625	1	48	52	509	523	505
Hebrew	1,434	1	45	55	552	554	547
Italian	9,883	8	46	54	497	512	493
Japanese	1,156	1	46	54	510	527	499
Korean	364	0	50	50	468	534	471
Latin	6,346	5	43	57	557	563	552
Russian	909	1	48	52	508	536	507
Spanish	82,285	68	45	55	487	500	478
Other Languages	2,924	2	38	62	462	485	458

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	12,135	10	37	63	525	536	520
4 Years	27,646	22	40	60	520	528	513
3 Years	18,893	15	42	58	488	498	479
2 Years	24,959	20	48	52	483	499	474
1 Year	28,477	23	52	48	478	500	468
1/2 Year or Less	13,073	10	55	45	453	474	440
No Response	37,764		51	49	461	476	452
AP/Honors Courses	8,018	6	36	64	565	573	563
<b>Course Work or Experience</b>							
Acting or Play Production	19,429	17	33	67	524	519	516
Art History or Appreciation	21,265	18	43	57	496	504	490
Dance	16,665	14	13	87	476	482	478
Drama: Study or Appreciation	14,566	12	31	69	502	498	498
Music: Study or Appreciation	23,299	20	49	51	517	524	510
Music Performance	51,044	44	42	58	510	523	503
Photography or Film	25,657	22	34	66	500	506	492
Studio Art and Design	43,984	38	37	63	500	509	492
None	15,547	13	64	36	459	484	445

<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	56,732	51	47	53	502	514	492
Computer Programming	19,561	18	60	40	487	513	478
Word Processing	57,095	51	45	55	500	511	490
Internet Activity	44,116	40	46	54	499	511	490
Using Computer Graphics	36,615	33	52	48	496	513	486
Creating Spreadsheets/Databases	28,893	26	47	53	505	520	496
None	24,769	22	39	61	479	493	473

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
29,896	74,845	29,044	604	632	608

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	4,757	16
2	11,538	39
3	9,180	31
4 or More	4,421	15

Table 21: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

Most, but not all, students who take SAT Subject Tests also take the SAT. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT scores for those students who also took the SAT.

	SAT Subject Test			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	7,051	605	102	6,894	628	100	605	95	627	102
<b>History and Social Studies</b>										
U.S. History	12,966	638	98	12,653	620	95	626	92	620	98
World History	4,149	637	101	4,055	633	90	636	91	632	93
<b>Mathematics</b>										
Mathematics Level 1	12,946	622	86	12,620	589	97	634	83	600	100
Mathematics Level 2	10,166	687	85	9,921	629	98	692	71	639	98
<b>Science</b>										
Biology-E	5,937	635	92	5,768	613	92	633	89	614	96
Biology-M	5,100	665	90	4,950	632	92	659	83	640	94
Chemistry	7,501	658	94	7,326	627	95	677	80	634	96
Physics	4,041	661	86	3,974	625	93	691	73	627	94
<b>Foreign and Classical Languages</b>										
Chinese/Listening	386	761	68	369	552	130	673	88	570	127
French	847	626	122	818	637	102	625	97	649	103
French/Listening	183	657	122	179	636	90	620	89	645	90
German	41	630	132	39	650	83	636	62	656	82
German/Listening	51	613	115	47	620	93	604	101	620	88
Modern Hebrew	140	629	115	130	616	92	629	86	627	97
Italian	145	595	142	145	570	100	573	87	581	95
Japanese/Listening	123	703	108	119	577	109	646	90	602	108
Korean/Listening	173	779	43	169	560	107	706	71	614	102
Latin	341	637	111	330	682	82	679	79	692	86
Spanish	2,181	631	123	2,129	586	111	593	106	597	116
Spanish/Listening	377	652	118	371	576	111	581	110	582	118

## 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	515	7	1,774	14	693	17
700-740	1,043	15	2,576	20	650	16
650-690	1,191	17	2,365	18	685	17
600-640	1,204	17	2,143	17	673	16
550-590	1,104	16	1,666	13	609	15
500-540	878	12	1,245	10	431	10
450-490	597	8	705	5	279	7
400-440	344	5	332	3	102	2
350-390	140	2	135	1	22	1
300-340	34	0	23	0	4	0
250-290	1	0	2	0	1	0
200-240						
Total	7,051		12,966		4,149	
Mean	605		638		637	
SD	102		98		101	
75th percentile	690		710		720	
50th percentile	610		650		640	
25th percentile	540		570		560	

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	641	5	3,165	31	676	11	1,021	20	1,586	21	734	18
700-740	2,161	17	1,739	17	1,051	18	1,216	24	1,369	18	788	20
650-690	2,922	23	1,923	19	1,191	20	1,019	20	1,389	19	858	21
600-640	2,642	20	1,767	17	1,196	20	809	16	1,260	17	737	18
550-590	2,170	17	1,002	10	838	14	499	10	896	12	501	12
500-540	1,302	10	412	4	502	8	291	6	594	8	284	7
450-490	690	5	115	1	297	5	135	3	259	3	110	3
400-440	291	2	33	0	113	2	65	1	126	2	25	1
350-390	98	1	9	0	51	1	35	1	21	0	4	0
300-340	26	0	1	0	17	0	10	0	1	0		
250-290	3	0			5	0						
200-240												
Total	12,946		10,166		5,937		5,100		7,501		4,041	
Mean	622		687		635		665		658		661	
SD	86		85		92		90		94		86	
75th percentile	690		760		700		740		730		730	
50th percentile	630		690		640		680		670		670	
25th percentile	560		620		580		610		590		600	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	306	79	185	22	64	35	10	24	9	18	31	22
700-740	31	8	99	12	21	11	5	12	5	10	18	13
650-690	17	4	108	13	15	8	6	15	8	16	15	11
600-640	13	3	110	13	23	13	3	7	7	14	18	13
550-590	10	3	107	13	20	11	5	12	8	16	19	14
500-540	6	2	95	11	19	10	3	7	5	10	15	11
450-490	2	1	72	9	12	7	5	12	5	10	17	12
400-440	1	0	51	6	8	4	3	7	3	6	6	4
350-390			17	2	1	1	1	2			1	1
300-340			3	0					1	2		
250-290												
200-240												
Total	386		847		183		41		51		140	
Mean	761		626		657		630		613		629	
SD	68		122		122		132		115		115	
75th percentile	800		730		780		710		710		720	
50th percentile	790		620		660		630		600		620	
25th percentile	760		530		560		500		520		540	

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	26	18	59	48	149	86	74	22	493	23	108	29
700-740	22	15	24	20	11	6	63	18	344	16	47	12
650-690	17	12	12	10	9	5	30	9	267	12	68	18
600-640	11	8	7	6	3	2	36	11	259	12	46	12
550-590	13	9	6	5	1	1	57	17	247	11	38	10
500-540	13	9	7	6			39	11	214	10	23	6
450-490	13	9	5	4			29	9	175	8	23	6
400-440	16	11	1	1			13	4	106	5	9	2
350-390	8	6	1	1					55	3	11	3
300-340	4	3							15	1	4	1
250-290	2	1	1	1					6	0		
200-240												
Total	145		123		173		341		2,181		377	
Mean	595		703		779		637		631		652	
SD	142		108		43		111		123		118	
75th percentile	720		790		800		730		740		750	
50th percentile	620		740		800		630		650		670	
25th percentile	470		650		780		550		540		580	



## 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	698	1	463	472	447
Architecture and Related Services	2,237	2	480	524	472
Area, Ethnic, Cultural and Gender Studies	125	0	542	496	526
Biological and Biomedical Sciences	7,781	6	534	553	526
Business Management, Marketing, and Related Support Services	14,181	11	476	510	470
Communication, Journalism and Related Programs	4,174	3	508	493	504
Computer and Information Sciences and Support Services	2,843	2	487	512	461
Construction Trades	190	0	411	441	391
Education	9,569	7	473	488	472
Engineering	8,218	6	513	564	495
Engineering Technologies/Technicians	2,347	2	437	477	418
English Language and Literature/Letters	2,196	2	559	511	550
Family and Consumer Sciences/Human Sciences	307	0	452	455	444
Foreign Languages, Literatures, and Linguistics	887	1	547	532	544
Health Professions and Related Clinical Services	21,106	16	481	500	478
History	2,081	2	533	505	501
Legal Professions and Studies	4,686	4	492	490	481
Liberal Arts and Sciences, General Studies, and Humanities	1,714	1	523	511	514
Library Science And Administration	26	0	534	472	480
Mathematics and Statistics	1,767	1	499	587	501
Mechanic and Repair Technologies/Technician	411	0	414	441	389
Military Technologies And Applied Sciences	81	0	449	454	418
Multi/Interdisciplinary Studies	177	0	554	561	549
Natural Resources and Conservation	716	1	511	513	488
Parks, Recreation, Leisure and Fitness Studies	950	1	445	469	433
Personal and Culinary Services	777	1	439	441	424
Philosophy and Religious Studies	295	0	542	523	516
Physical Sciences	1,800	1	539	572	526
Precision Production	8	0	434	513	431
Psychology	7,110	5	490	482	483
Public Administration and Social Services Professions	487	0	457	449	449
Security and Protective Services	4,442	3	438	446	424
Social Sciences	2,010	2	561	542	541
Theology and Religious Vocations	102	0	522	502	501
Transportation and Materials Moving	98	0	455	482	425
Visual and Performing Arts	10,666	8	489	480	481
Other	3,462	3	441	454	432
Undecided	12,840	10	521	540	513
<b>Degree-Level Goal</b>					
Certificate Program	1,561	1	430	450	418
Associate Degree	2,542	2	402	403	388
Bachelor's Degree	35,134	25	463	475	451
Master's Degree	45,248	32	491	507	484
Doctoral or Related Degree	27,422	20	526	542	521
Other	1,240	1	412	426	404
Undecided	27,028	19	501	516	492

## College Plans

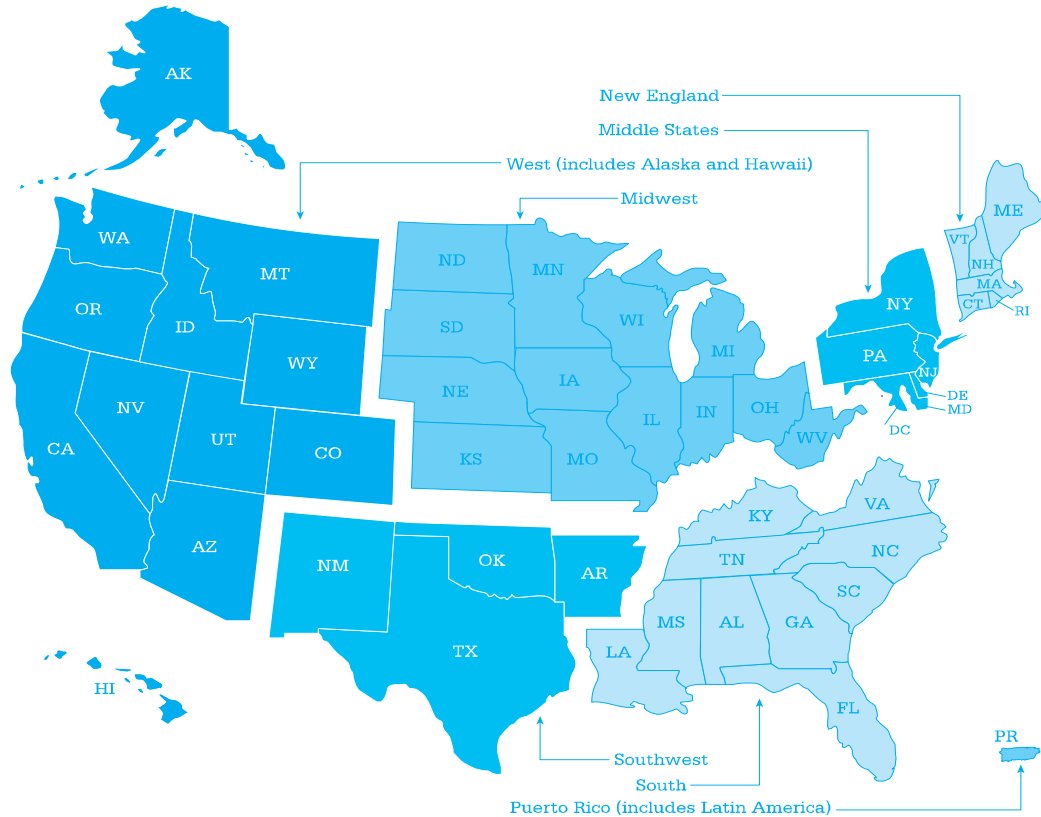
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 163,799 students from your state who took the SAT and/or an SAT Subject Test, 105,457 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 2,560 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
STATE UNIVERSITY NEW YORK BINGHAMTON	NY	Public	19,723	18.7
STONY BROOK UNIVERSITY STATE UNIVERSITY	NY	Public	16,861	16.0
CUNY UAPC	NY	Public	16,519	15.7
UNIVERSITY AT BUFFALO (SUNY)	NY	Public	13,868	13.2
STATE UNIVERSITY NEW YORK ALBANY	NY	Public	12,253	11.6
CUNY HUNTER COLLEGE	NY	Public	9,366	8.9
NEW YORK UNIVERSITY	NY	Private	8,839	8.4
CORNELL UNIVERSITY	NY	Private	8,703	8.3
STATE UNIVERSITY NEW YORK NEW PALTZ	NY	Public	8,697	8.2
FORDHAM UNIVERSITY	NY	Private	8,258	7.8
ST JOHNS UNIVERSITY JAMAICA	NY	Private	7,787	7.4
STATE UNIVERSITY NEW YORK ONEONTA	NY	Public	7,755	7.4
SYRACUSE UNIVERSITY	NY	Private	7,412	7.0
STATE UNIVERSITY NEW YORK CORTLAND	NY	Public	7,370	7.0
STATE UNIVERSITY NEW YORK GENESEO	NY	Public	6,839	6.5
NORTHEASTERN UNIVERSITY	MA	Private	6,607	6.3
BOSTON UNIVERSITY	MA	Private	6,422	6.1
HOFSTRA UNIVERSITY	NY	Private	6,254	5.9
CUNY BARUCH COLLEGE	NY	Public	5,961	5.7
CUNY QUEENS COLLEGE	NY	Public	5,923	5.6
STATE UNIVERSITY NEW YORK BUFFALO	NY	Public	5,866	5.6
NCAA ELIGIBILITY CENTER	IN	Public	5,660	5.4
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	5,635	5.3
STATE UNIVERSITY NEW YORK OSWEGO	NY	Public	5,529	5.2
CUNY THE CITY COLLEGE OF NEW YORK	NY	Public	5,295	5.0
PENNSYLVANIA STATE UNIVERSITY	PA	Public	5,121	4.9
CUNY BROOKLYN COLLEGE	NY	Public	5,081	4.8
ADELPHI UNIVERSITY	NY	Private	4,530	4.3
STATE UNIVERSITY NEW YORK BROCKPORT	NY	Public	4,390	4.2
ITHACA COLLEGE	NY	Private	4,119	3.9
UNIVERSITY OF DELAWARE	DE	Public	4,052	3.8
BOSTON COLLEGE	MA	Private	4,052	3.8
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	Private	3,976	3.8
STATE UNIVERSITY NEW YORK PURCHASE	NY	Public	3,941	3.7
MARIST COLLEGE	NY	Private	3,921	3.7
SIENA COLLEGE	NY	Private	3,870	3.7
PLATTSBURGH STATE UNIVERSITY	NY	Public	3,863	3.7
CUNY JOHN JAY COLLEGE OF CRIMINAL JUSTIC	NY	Public	3,710	3.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	3,673	3.5
QUINNIPIAC UNIVERSITY	CT	Private	3,646	3.5
LONG ISLAND UNIVERSITY CW POST CAMPUS	NY	Private	3,572	3.4
DREXEL UNIVERSITY	PA	Private	3,554	3.4
UNIVERSITY OF ROCHESTER	NY	Private	3,511	3.3
BROWN UNIVERSITY	RI	Private	3,440	3.3
UNIVERSITY OF CONNECTICUT	CT	Public	3,427	3.2

\*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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212-713-8000  
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)

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

### New England Regional Office

1601 Trapelo Road, Suite 12  
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866-392-4089  
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Duluth, GA 30096-7155  
866-392-4088  
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### 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)