



2008 College-Bound Seniors

# State Profile Report

NEW YORK

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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## The SAT® Program

The SAT Reasoning Test™ (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 2008* includes students who tested through March 2008.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2008 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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.com](http://www.collegeboard.com).

### 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 200–800 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: Connecting Students to College Success

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 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 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.

### A note about changes to the SAT Questionnaire:

In the 2006-2007 academic year, changes to the SAT Questionnaire were made. Sections of this report most notably affected by this change are Course-Taking Patterns and Intended College Major. In this year's report, the questionnaire responses of some students were not reported as their responses did not map to the current reporting tables. For complete details on the changes please visit [www.collegeboard.com/cbs](http://www.collegeboard.com/cbs).

# Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

<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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494

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 2000–2008, all scores are reported on the recentered scale.

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## SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2008. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2008. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	160,875	488	113	504	117	481	113	47.7	11.4	7.2	1.7

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	74,817	491	114	521	120	474	113	47.2	11.3	7.0	1.7
Female	85,768	486	111	490	113	487	113	48.0	11.4	7.4	1.6
No Response**	290	409	99	417	104	399	96	39.6	9.8	6.3	1.7

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

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

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2007-2008)	111,114	480	108	497	114	473	108	46.9	10.9	7.2	1.6
Junior (2006-2007)	49,546	508	121	520	122	498	122	49.4	12.2	7.3	1.7
Sophomore (2005-2006)	187	468	127	474	122	453	117	45.4	11.3	6.8	1.8
Freshman (2004-2005)	28	522	137	538	128	486	123	49.8	13.3	6.6	1.6
Total	160,875	488	113	504	117	481	113	47.7	11.4	7.2	1.7

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 Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 160,875 students in this report, 160,856 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

\*\*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

## SAT Reasoning Test 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 Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	560	590	560	580	590	570
50th	480	500	470	500	510	490
25th	410	420	400	420	430	420

**Table 6: Score Distributions**

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	1,121	1,123	2,245	2,256	1,100	3,357	1,001	1,500	2,501
700–740	2,033	1,960	3,995	3,244	2,039	5,285	1,722	2,381	4,106
650–690	3,938	4,066	8,008	6,812	5,159	11,972	3,304	4,457	7,763
600–640	7,038	7,464	14,508	8,453	7,437	15,899	5,045	6,557	11,609
550–590	9,258	10,161	19,428	11,439	11,643	23,102	8,060	10,258	18,329
500–540	12,022	14,062	26,114	11,624	13,613	25,274	10,564	12,903	23,487
450–490	12,380	14,833	27,258	10,551	13,845	24,440	13,078	14,970	28,082
400–440	12,001	14,277	26,330	8,892	13,049	21,996	13,081	14,531	27,674
350–390	8,026	9,814	17,899	6,192	9,648	15,886	10,277	10,386	20,725
300–340	4,122	4,849	9,016	3,266	5,233	8,542	5,457	5,096	10,611
250–290	1,809	1,953	3,790	1,321	1,918	3,256	2,180	1,908	4,109
200–240	1,069	1,206	2,284	767	1,084	1,866	1,036	814	1,860

**Table 7: Type of High School**

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	127,519	84	46	54	484	503	475
Religiously Affiliated	19,808	13	49	51	513	513	511
Independent	4,569	3	49	51	579	582	585
Other or Unknown	8,979						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	155,149	96	489	112	505	117	482	113
Nonstandard Conditions	5,726	4	461	115	466	126	455	115

NOTE: Percentiles are reported when there are 20 or more test-takers.

## Demographic Information

### SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Reasoning Test 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	794	0	468	104	480	109	452	101
Asian, Asian American, or Pacific Islander	13,316	8	491	131	569	122	493	129
Black or African American	20,342	13	426	95	421	97	417	92
Mexican or Mexican American	1,412	1	434	101	448	99	422	98
Puerto Rican	5,955	4	445	97	442	103	435	94
Other Hispanic, Latino, or Latin American	13,962	9	434	102	439	104	425	101
White	88,002	55	520	101	535	103	511	104
Other	6,298	4	478	115	488	118	473	115
No Response	10,794	7	458	129	463	129	447	127
Total	160,875	100	488	113	504	117	481	113

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test 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	375	0	465	106	492	110	441	99
Asian, Asian American, or Pacific Islander	6,624	4	490	130	580	124	483	127
Black or African American	8,608	5	424	96	430	102	407	92
Mexican or Mexican American	617	0	431	102	457	103	415	94
Puerto Rican	2,601	2	451	100	461	106	432	95
Other Hispanic, Latino, or Latin American	5,913	4	438	104	455	108	420	100
White	42,106	26	522	103	551	105	502	105
Other	2,728	2	477	118	506	121	465	117
No Response	5,245	3	456	127	471	131	436	121
Total	74,817	47	491	114	521	120	474	113

Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test 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	417	0	472	101	470	107	463	101
Asian, Asian American, or Pacific Islander	6,685	4	491	132	559	120	503	131
Black or African American	11,684	7	427	94	415	93	425	91
Mexican or Mexican American	790	0	436	101	441	95	428	101
Puerto Rican	3,346	2	441	95	427	98	437	94
Other Hispanic, Latino, or Latin American	8,035	5	431	101	427	100	429	101
White	45,798	28	518	100	521	99	520	103
Other	3,556	2	479	113	475	113	480	113
No Response	5,457	3	461	131	456	126	459	131
Total	85,768	53	486	111	490	113	487	113

## Demographic Information

### SAT Reasoning Test: 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 Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	160,875	100	488	113	504	117	481	113
<b>First Language Learned</b>								
English	104,257	73	495	104	504	108	484	104
English and Another	24,770	17	456	106	476	116	451	106
Another Language	12,942	9	438	118	493	128	442	118
No Response	18,906							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	130,419	94	489	105	501	110	480	105
U.S. Permanent Resident or Refugee	6,736	5	414	114	473	128	420	112
Citizen of Another Country	1,978	1	423	113	499	132	434	112
Other, Unknown, or No Response	21,742							
<b>Disabling Condition</b>								
Yes	7,096	4	465	108	469	113	450	105
Unknown or No Response	153,779							
<b>Plans to Apply for Financial Aid</b>								
Yes	96,422	77	481	103	494	108	471	102
No	6,308	5	522	112	542	113	523	116
Don't Know	22,775	18	496	108	515	110	488	109
<b>Family Income</b>								
\$0 - \$20,000	12,608	14	420	102	445	111	414	97
\$20,000-\$40,000	15,890	17	454	99	466	107	444	96
\$40,000-\$60,000	14,758	16	478	97	489	102	467	95
\$60,000-\$80,000	13,905	15	494	96	506	100	481	95
\$80,000-\$100,000	11,605	13	506	96	522	98	496	96
\$100,000-\$120,000	8,361	9	508	95	525	98	497	95
\$120,000-\$140,000	4,055	4	511	95	529	98	503	97
\$140,000-\$160,000	2,807	3	519	97	537	99	511	98
\$160,000-\$200,000	3,009	3	523	96	539	99	518	100
More than \$200,000	4,068	4	550	101	570	99	552	107
No Response	69,809							
<b>Highest Level of Parental Education</b>								
No High School Diploma	7,922	6	410	98	439	113	406	93
High School Diploma	41,637	34	457	95	470	103	447	93
Associate Degree	14,609	12	477	91	491	98	465	90
Bachelor's Degree	31,645	26	505	100	521	103	496	100
Graduate Degree	27,722	22	540	105	552	107	534	109
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	59,672	50	482	101	499	106	473	100
Yes, As a Sophomore or Younger	14,049	12	479	105	493	111	470	103
Yes, As a Junior and As a Sophomore or Younger	28,599	24	519	103	533	108	517	105
No	17,268	14	458	104	469	108	441	99

## Academic Information

### Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	14,073	27	43	57	560	585	557
Second Tenth	13,470	26	47	53	504	526	496
Second Fifth	10,664	21	48	51	475	490	463
Final Three Fifths	13,042	25	50	49	433	442	422
No Response	109,626						

Table 14: High School Grade Point Average

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	4,985	4	38	62	613	636	616
A (93–96)	20,267	15	37	63	561	586	560
A- (90–92)	22,900	17	41	59	527	550	522
B (80–89)	67,272	49	48	52	464	478	454
C (70–79)	21,456	15	55	45	403	407	390
D, E, or F (below 70)	1,639	1	56	44	381	380	365
No Response	22,356						
<b>Mean Grade Point Average</b>	<b>All Students: 3.17</b>		<b>Male: 3.09</b>		<b>Female: 3.24</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.1	2.5	2.3	3.55	3.73	3.65
English and Language Arts	3.9	3.9	3.9	3.12	3.37	3.26
Foreign and Classical Languages	2.9	3.1	3.0	3.03	3.34	3.20
Mathematics	3.8	3.8	3.8	2.99	3.01	3.00
Natural Sciences	3.6	3.6	3.6	3.07	3.06	3.06
Social Sciences and History	3.8	3.8	3.8	3.23	3.25	3.24
<b>Total for All Subjects</b>	<b>20.1</b>	<b>20.7</b>	<b>20.4</b>			

## 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 Reasoning Test Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	6,548	6	38	62	497	505	491	
4 Years	91,522	78	46	54	494	510	485	
3 Years	17,318	15	43	56	454	468	447	
2 Years	1,215	1	45	55	433	468	429	
1 Year	489	0	43	57	411	436	409	
1/2 Year or Less	357	0	50	50	404	438	404	
No Response	43,426							
<b>Course Work or Experience</b>								
English/Language Arts	101,074	96	44	56	489	502	480	
Journalism	15,083	14	43	57	471	479	466	
Creative Writing	37,040	35	42	58	480	487	474	
American Literature	45,844	43	44	56	500	510	493	
Composition/Writing	41,432	39	43	57	486	496	480	
British Literature	17,215	16	44	56	520	526	514	
World Literature	23,511	22	45	55	505	514	498	
Communications	11,121	11	46	54	460	475	454	
Public Speaking	19,015	18	42	58	485	496	478	
English As Second Language	6,683	6	42	58	411	466	416	
AP®/Honors Courses	31,540	27	37	63	559	565	554	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	9,879	8	47	53	522	561	515	
4 Years	75,576	64	46	54	496	513	488	
3 Years	29,640	25	42	57	459	460	448	
2 Years	1,918	2	45	54	432	439	422	
1 Year	430	0	45	55	402	420	398	
1/2 Year or Less	395	0	47	53	404	425	398	
No Response	43,037							
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	25,061	23	49	51	549	591	546	
Pre-calculus	28,729	26	45	55	514	538	506	
Trigonometry	25,527	23	42	58	460	464	451	
Algebra II	15,392	14	45	54	447	442	434	
Algebra I	8,148	7	43	57	421	405	410	
AP/Honors Courses	24,569	21	46	54	562	604	560	

\*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.

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

<b>Natural Sciences</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	8,016	7	48	52	529	558	520
4 Years	63,322	54	47	53	503	521	495
3 Years	39,501	34	42	58	464	472	455
2 Years	3,707	3	44	56	432	445	425
1 Year	1,160	1	46	54	416	433	407
1/2 Year or Less	901	1	39	61	401	419	398
No Response	44,268						
<b>Course Work or Experience</b>							
Biology	101,408	92	45	55	491	506	483
Chemistry	92,250	83	45	55	502	520	494
Physics	52,310	47	49	51	523	551	516
Geology, Earth, or Space Science	78,418	71	45	55	471	482	461
Other Sciences	36,233	33	42	58	480	488	472
AP/Honors Courses	24,338	21	45	55	569	596	563

<b>Social Sciences and History</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	7,001	6	43	57	510	521	500
4 Years	86,144	74	46	54	495	511	487
3 Years	20,363	17	44	56	457	470	449
2 Years	1,890	2	44	56	430	459	428
1 Year	746	1	44	56	422	442	416
1/2 Year or Less	693	1	42	57	401	426	400
No Response	44,038						
<b>Course Work or Experience</b>							
U.S. History	106,325	96	44	55	488	503	480
World History or Cultures	87,908	79	46	54	498	513	489
U.S. Government or Civics	73,361	66	44	56	486	501	477
Economics	61,500	56	43	57	491	507	482
Geography	33,148	30	42	58	472	487	465
Psychology	24,720	22	32	68	506	512	499
European History	39,588	36	48	52	509	522	500
Sociology	12,624	11	36	64	496	502	486
Ancient History	34,687	31	47	53	494	506	484
Other Courses	16,268	15	42	58	490	500	481
AP/Honors Courses	31,652	27	43	57	563	573	555

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

<b>Foreign and Classical Languages</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	8,592	7	37	63	525	544	524
4 Years	34,882	30	42	58	521	536	517
3 Years	40,636	35	46	53	488	505	478
2 Years	19,169	16	48	52	459	471	446
1 Year	8,913	8	52	47	423	431	408
1/2 Year or Less	4,445	4	54	45	409	426	398
No Response	44,238						
<b>Course Work or Experience</b>							
Chinese	1,795	2	48	52	456	551	457
French	18,907	17	38	62	517	525	507
German	2,145	2	55	45	526	541	508
Greek	481	0	49	51	487	496	483
Hebrew	1,247	1	45	55	541	539	535
Italian	8,816	8	45	55	492	505	487
Japanese	827	1	48	51	511	545	499
Korean	317	0	47	53	445	539	448
Latin	5,177	5	45	55	554	555	546
Russian	873	1	44	56	490	515	491
Spanish	75,310	68	44	56	484	497	476
Other Languages	2,608	2	37	63	456	473	454
AP/Honors Courses	18,335	16	36	64	559	575	559

## 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 Reasoning Test Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	6,493	6	37	63	517	525	508
4 Years	26,303	23	38	62	516	524	509
3 Years	15,940	14	40	59	488	498	480
2 Years	22,570	19	46	54	481	495	472
1 Year	32,763	28	51	49	475	497	466
1/2 Year or Less	11,690	10	55	45	454	477	444
No Response	45,116						
<b>Course Work or Experience</b>							
Acting or Play Production	16,864	16	32	68	522	515	513
Art History or Appreciation	19,072	19	41	59	490	494	482
Dance	12,977	13	12	88	474	476	476
Drama: Study or Appreciation	11,019	11	30	70	508	500	503
Music: Study or Appreciation	20,035	20	47	53	507	512	499
Music Performance	42,730	42	39	61	505	516	498
Photography or Film	19,003	19	35	65	500	505	491
Studio Art and Design	37,323	36	38	62	495	505	486
None	14,299	14	61	38	458	484	446
AP/Honors Courses	5,960	5	34	66	556	563	552

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Course Work or Experience</b>							
Computer Literacy	58,391	58	46	54	495	507	485
Computer Programming	15,950	16	58	42	488	513	477
Word Processing	63,810	63	45	55	493	506	484
Internet Activity	47,137	47	46	54	494	507	484
Using Computer Graphics	29,912	30	53	47	496	515	485
Creating Spreadsheets/Databases	25,454	25	48	52	501	519	492
None	16,071	16	37	63	480	494	474

## 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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
30,805	74,423	29,916	603	628	607

  

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	5,344	17
2	12,283	40
3	9,474	31
4 or More	3,704	12

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

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	7,406	607	106	7,167	629	102	601	98	627	103
<b>History and Social Studies</b>										
U.S. History	13,356	632	96	13,042	623	92	627	92	623	95
World History	3,451	617	99	3,350	632	92	629	91	627	94
<b>Mathematics</b>										
Mathematics Level 1	14,765	624	89	14,404	592	97	632	86	601	98
Mathematics Level 2	8,325	682	89	8,170	630	101	692	74	637	98
<b>Science</b>										
Biology-E	6,685	608	84	6,471	610	92	631	87	611	94
Biology-M	5,332	646	82	5,187	634	89	661	82	641	91
Chemistry	6,624	649	95	6,490	625	97	674	83	629	96
Physics	3,281	657	89	3,247	624	97	690	74	623	93
<b>Foreign and Classical Languages</b>										
Chinese/Listening	396	771	57	374	515	146	655	92	533	135
French	970	641	115	950	644	99	628	95	659	101
French/Listening	201	639	115	198	644	97	627	96	657	95
German	43	606	142	39	630	98	645	81	643	97
German/Listening	45	564	130	44	658	88	634	82	654	86
Modern Hebrew	140	640	120	137	622	94	632	85	633	83
Italian	144	600	130	141	570	99	577	92	587	105
Japanese/Listening	127	711	104	121	575	113	657	87	603	104
Korean/Listening	137	778	37	137	543	109	671	92	577	106
Latin	311	647	98	309	683	82	673	79	694	82
Spanish	2,246	637	118	2,194	589	106	592	101	602	110
Spanish/Listening	438	636	127	432	582	106	575	101	590	108

## 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	647	9	1,647	12	370	11
700-740	1,105	15	2,228	17	483	14
650-690	1,334	18	2,709	20	578	17
600-640	1,150	16	2,311	17	552	16
550-590	1,078	15	1,775	13	572	17
500-540	869	12	1,405	11	466	14
450-490	592	8	828	6	320	9
400-440	400	5	333	2	85	2
350-390	188	3	98	1	17	0
300-340	42	1	21	0	8	0
250-290	1	0	1	0		
200-240						
Total	7,406		13,356		3,451	
Mean	607		632		617	
SD	106		96		99	
75th percentile	690		710		690	
50th percentile	620		640		610	
25th percentile	530		560		540	

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	700	5	2,546	31	268	4	489	9	1,158	17	592	18
700-740	2,786	19	1,535	18	728	11	1,095	21	1,190	18	603	18
650-690	3,210	22	1,444	17	1,362	20	1,384	26	1,288	19	676	21
600-640	3,310	22	1,299	16	1,523	23	1,033	19	1,068	16	604	18
550-590	2,086	14	885	11	1,273	19	692	13	909	14	417	13
500-540	1,348	9	400	5	867	13	388	7	572	9	236	7
450-490	702	5	154	2	425	6	149	3	286	4	125	4
400-440	380	3	45	1	168	3	64	1	122	2	26	1
350-390	183	1	17	0	54	1	34	1	31	0	2	0
300-340	56	0			17	0	4	0				
250-290	4	0										
200-240												
Total	14,765		8,325		6,685		5,332		6,624		3,281	
Mean	624		682		608		646		649		657	
SD	89		89		84		82		95		89	
75th percentile	690		760		670		710		720		720	
50th percentile	630		690		610		650		660		660	
25th percentile	570		620		550		600		580		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	328	83	216	22	45	22	10	23	6	13	39	28
700-740	32	8	151	16	31	15	6	14	1	2	14	10
650-690	14	4	137	14	24	12	3	7	4	9	18	13
600-640	11	3	133	14	25	12	3	7	8	18	16	11
550-590	7	2	114	12	29	14	1	2	8	18	17	12
500-540	2	1	95	10	25	12	6	14	4	9	15	11
450-490	1	0	66	7	13	6	8	19	3	7	15	11
400-440			42	4	8	4	4	9	5	11	4	3
350-390	1	0	13	1	1	0	2	5	4	9	1	1
300-340			3	0					2	4	1	1
250-290												
200-240												
Total	396		970		201		43		45		140	
Mean	771		641		639		606		564		640	
SD	57		115		115		142		130		120	
75th percentile	800		740		740		730		640		750	
50th percentile	790		650		640		550		560		650	
25th percentile	770		550		550		470		440		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	20	14	70	55	122	89	66	21	494	22	126	29
700-740	18	13	19	15	7	5	45	14	353	16	46	11
650-690	32	22	13	10	5	4	55	18	339	15	67	15
600-640	15	10	4	3	3	2	49	16	263	12	42	10
550-590	8	6	6	5			42	14	226	10	43	10
500-540	13	9	8	6			30	10	242	11	36	8
450-490	17	12	3	2			20	6	170	8	39	9
400-440	12	8	2	2			4	1	104	5	23	5
350-390	6	4	2	2					43	2	12	3
300-340	3	2							8	0	2	0
250-290									4	0		
200-240											2	0
Total	144		127		137		311		2,246		438	
Mean	600		711		778		647		637		636	
SD	130		104		37		98		118		127	
75th percentile	700		790		800		730		730		750	
50th percentile	620		750		790		650		660		660	
25th percentile	490		660		770		570		540		540	

## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	478	0	475	479	461
Architecture and Related Services	2,035	2	476	527	469
Area, Ethnic, Cultural and Gender Studies	68	0	556	517	533
Biological and Biomedical Sciences	4,834	5	525	544	517
Business Management, Marketing, and Related Support Services	15,295	15	467	498	461
Communication, Journalism and Related Programs	3,896	4	507	489	503
Computer and Information Sciences and Support Services	3,033	3	473	501	447
Construction Trades	143	0	420	452	405
Education	9,900	10	471	483	467
Engineering	5,579	6	503	558	485
Engineering Technologies/Technicians	1,504	2	446	488	427
English Language and Literature/Letters	1,579	2	571	519	556
Family and Consumer Sciences/Human Sciences	163	0	472	473	465
Foreign Languages, Literatures, and Linguistics	678	1	556	533	551
Health Professions and Related Clinical Services	15,807	16	476	495	474
History	1,358	1	534	508	503
Legal Professions and Studies	3,789	4	487	486	477
Liberal Arts and Sciences, General Studies, and Humanities	1,344	1	514	504	506
Library Science/Librarianship	18	0	595	557	542
Mathematics and Statistics	1,014	1	499	590	500
Mechanic and Repair Technologies/Technician	454	0	409	441	389
Military Sciences	143	0	508	520	477
Multi/Interdisciplinary Studies	133	0	578	573	570
Natural Resources and Conservation	452	0	508	515	485
Parks, Recreation, Leisure and Fitness Studies	608	1	467	495	456
Personal and Culinary Services	525	1	446	455	437
Philosophy and Religious Studies	192	0	558	544	534
Physical Sciences	1,222	1	543	577	523
Precision Production	5	0	452	450	444
Psychology	5,519	6	487	475	479
Public Administration and Social Services Professions	390	0	456	444	445
Security and Protective Services	2,317	2	448	456	432
Social Sciences	1,584	2	541	521	525
Theology and Religious Vocations	119	0	530	510	516
Transportation and Materials Moving	87	0	440	455	423
Visual and Performing Arts	8,165	8	494	484	486
Other	1,441	1	454	467	443
Undecided	4,046	4	510	532	501
<b>Degree-Level Goal</b>					
Certificate Program	1,359	1	433	451	419
Associate Degree	1,779	1	409	413	396
Bachelor's Degree	27,248	22	458	471	446
Master's Degree	42,794	34	488	504	481
Doctoral or Related Degree	21,557	17	516	530	511
Other	764	1	423	439	417
Undecided	28,986	23	499	516	490

## College Plans

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

Of the 161,764 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 108,284 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 3,010 institutions received score reports from your students.

<b>Institution</b>	<b>State</b>	<b>Type</b>	<b>Number of Students</b>	<b>Percent of Score Senders*</b>
STATE UNIVERSITY OF NEW YORK BINGHAMTON	NY	Public	19,229	17.8
STATE UNIVERSITY OF NEW YORK STONY BROOK	NY	Public	16,474	15.2
STATE UNIVERSITY OF NEW YORK ALBANY	NY	Public	13,551	12.5
NEW YORK UNIVERSITY	NY	Private	13,164	12.2
STATE UNIV OF NY-UNIV AT BUFFALO	NY	Public	13,089	12.1
CORNELL UNIVERSITY	NY	Private	10,467	9.7
CUNY HUNTER COLLEGE	NY	Public	9,797	9.0
SYRACUSE UNIVERSITY	NY	Private	9,098	8.4
UAPC	NY	Public	9,011	8.3
ST JOHNS UNIVERSITY JAMAICA	NY	Private	8,767	8.1
FORDHAM UNIVERSITY	NY	Private	8,436	7.8
STATE UNIVERSITY OF NEW YORK NEW PALTZ	NY	Public	8,306	7.7
HOFSTRA UNIVERSITY	NY	Private	7,728	7.1
STATE UNIVERSITY OF NEW YORK GENESEO	NY	Public	7,569	7.0
BOSTON UNIVERSITY	MA	Private	7,474	6.9
STATE UNIVERSITY OF NEW YORK BUFFALO	NY	Public	7,421	6.9
STATE UNIVERSITY OF NEW YORK ONEONTA	NY	Public	7,319	6.8
STATE UNIVERSITY OF NEW YORK CORTLAND	NY	Public	7,024	6.5
CUNY BARUCH COLLEGE	NY	Public	6,960	6.4
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	6,338	5.9
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	5,990	5.5
CUNY QUEENS COLLEGE NY	NY	Public	5,933	5.5
NORTHEASTERN UNIVERSITY	MA	Private	5,712	5.3
STATE UNIVERSITY OF NEW YORK OSWEGO	NY	Public	5,429	5.0
CUNY CITY COLLEGE OF NEW YORK	NY	Public	5,301	4.9
CUNY BROOKLYN COLLEGE	NY	Public	5,005	4.6
ITHACA COLLEGE	NY	Private	4,739	4.4
STATE UNIVERSITY OF NEW YORK BROCKPORT	NY	Public	4,631	4.3
BOSTON COLLEGE	MA	Private	4,625	4.3
ADELPHI UNIVERSITY	NY	Private	4,575	4.2
MARIST COLLEGE	NY	Private	4,157	3.8
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	Private	4,098	3.8
STATE UNIVERSITY OF NEW YORK PURCHASE	NY	Public	4,084	3.8
UNIVERSITY OF DELAWARE	DE	Public	4,002	3.7
PACE UNIVERSITY NEW YORK CITY	NY	Private	3,870	3.6
NCAA ELIGIBILITY CENTER	IA	Public	3,838	3.5
UNIVERSITY OF ROCHESTER	NY	Private	3,825	3.5
LONG ISLAND UNIVERSITY	NY	Private	3,715	3.4
QUINNIPIAC UNIVERSITY	CT	Private	3,660	3.4
STATE UNIVERSITY OF NEW YORK FREDONIA	NY	Public	3,587	3.3
CUNY JOHN JAY COLLEGE OF CRIMINAL JUSTIC	NY	Public	3,568	3.3
MANHATTAN COLLEGE	NY	Private	3,240	3.0
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	3,238	3.0
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	3,234	3.0
PLATTSBURGH STATE UNIVERSITY	NY	Public	3,220	3.0

\*Of your students who designated that their SAT Reasoning Test 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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866 392-3019  
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## Midwestern Regional Office

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Rosemont, IL 60018-5158  
866 392-4086  
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## Southern Regional Office

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787 772-1200  
787 759-8629 (Fax - Reception area)  
787 764-4306 (Fax - Director's office)

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