



2008 College-Bound Seniors

# State Profile Report

CALIFORNIA

## 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	205,145	499	112	515	119	498	111	49.7	11.1	7.3	1.6

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	91,818	503	114	537	120	494	111	49.5	11.1	7.2	1.7
Female	113,265	496	111	497	116	501	111	49.8	11.2	7.4	1.5
No Response**	62	436	116	448	116	441	95	44.0	9.5	6.6	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)	129,661	492	109	508	118	490	107	48.9	10.8	7.2	1.6
Junior (2006-2007)	75,048	511	117	527	120	511	115	51.0	11.6	7.4	1.6
Sophomore (2005-2006)	388	496	138	524	138	493	128	49.7	12.9	7.1	1.8
Freshman (2004-2005)	48	498	143	543	128	438	103	43.5	9.4	6.7	2.0
Total	205,145	499	112	515	119	498	111	49.7	11.1	7.3	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 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 205,145 students in this report, 205,117 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	580	600	570	580	590	570
50th	490	510	490	500	510	490
25th	420	430	420	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	1,594	1,678	3,272	4,117	2,201	6,318	1,393	1,927	3,320
700–740	2,885	3,133	6,018	5,004	3,356	8,363	2,708	3,794	6,503
650–690	5,773	6,205	11,982	9,653	7,731	17,384	5,169	6,963	12,134
600–640	10,042	11,316	21,360	11,037	10,021	21,063	7,824	10,241	18,066
550–590	12,024	14,042	26,072	14,031	15,240	29,276	11,765	14,741	26,509
500–540	14,897	18,706	33,609	13,902	17,216	31,125	14,890	18,300	33,198
450–490	15,129	19,552	34,691	12,595	18,310	30,912	15,668	19,897	35,573
400–440	13,395	17,687	31,093	10,169	17,384	27,571	14,797	17,783	32,601
350–390	9,122	11,902	21,033	6,431	12,089	18,525	10,529	12,203	22,744
300–340	4,219	5,540	9,766	3,140	6,283	9,429	4,718	5,175	9,897
250–290	1,835	2,401	4,241	1,129	2,259	3,393	1,661	1,575	3,238
200–240	903	1,103	2,008	610	1,175	1,786	677	657	1,334

**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	167,711	86	44	56	494	513	493
Religiously Affiliated	21,423	11	47	53	535	534	536
Independent	5,693	3	48	52	589	596	595
Other or Unknown	10,318						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	203,184	99	499	112	515	119	498	111
Nonstandard Conditions	1,961	1	524	116	536	125	529	117

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	1,383	1	496	98	496	102	486	96
Asian, Asian American, or Pacific Islander	43,310	21	510	117	564	122	514	117
Black or African American	13,654	7	438	100	429	103	436	95
Mexican or Mexican American	35,867	17	446	95	453	98	444	90
Puerto Rican	718	0	486	104	487	107	479	102
Other Hispanic, Latino, or Latin American	18,499	9	443	102	443	105	442	96
White	73,403	36	541	100	549	102	537	100
Other	9,747	5	509	112	521	116	514	110
No Response	8,564	4	518	121	519	122	512	117
Total	205,145	100	499	112	515	119	498	111

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	586	0	500	106	521	107	481	101
Asian, Asian American, or Pacific Islander	20,600	10	511	118	581	122	508	118
Black or African American	5,862	3	432	102	439	107	426	96
Mexican or Mexican American	14,880	7	450	97	474	101	441	91
Puerto Rican	318	0	488	106	505	109	472	103
Other Hispanic, Latino, or Latin American	7,195	4	450	103	467	109	442	97
White	34,180	17	542	102	568	102	530	100
Other	4,154	2	510	113	542	115	506	111
No Response	4,043	2	516	122	536	125	503	117
Total	91,818	45	503	114	537	120	494	111

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	795	0	494	93	478	94	490	92
Asian, Asian American, or Pacific Islander	22,704	11	510	117	549	121	520	117
Black or African American	7,784	4	442	98	422	98	445	94
Mexican or Mexican American	20,976	10	444	94	439	93	446	89
Puerto Rican	399	0	485	101	472	103	484	100
Other Hispanic, Latino, or Latin American	11,297	6	438	101	427	100	441	96
White	39,207	19	539	98	532	99	544	99
Other	5,588	3	508	111	505	115	519	109
No Response	4,515	2	519	121	504	118	519	117
Total	113,265	55	496	111	497	116	501	111

## 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	205,145	100	499	112	515	119	498	111
<b>First Language Learned</b>								
English	107,702	58	514	104	520	109	509	102
English and Another	46,093	25	470	106	489	119	471	106
Another Language	31,429	17	449	109	487	123	454	107
No Response	19,921							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	169,256	94	497	107	508	114	494	105
U.S. Permanent Resident or Refugee	7,550	4	454	115	511	129	464	114
Citizen of Another Country	3,336	2	433	110	505	133	445	108
Other, Unknown, or No Response	25,003							
<b>Disabling Condition</b>								
Yes	7,848	4	491	112	495	114	482	107
Unknown or No Response	197,297							
<b>Plans to Apply for Financial Aid</b>								
Yes	121,331	71	485	107	496	113	482	104
No	12,690	7	523	104	542	109	527	104
Don't Know	37,870	22	508	108	527	113	507	107
<b>Family Income</b>								
\$0 - \$20,000	17,223	14	428	100	446	110	427	95
\$20,000–\$40,000	22,720	18	451	99	467	107	450	94
\$40,000–\$60,000	18,199	14	480	102	492	108	477	97
\$60,000–\$80,000	16,939	13	498	101	509	106	494	97
\$80,000–\$100,000	14,481	11	513	100	525	106	509	98
\$100,000–\$120,000	12,324	10	520	98	534	103	517	96
\$120,000–\$140,000	6,397	5	522	99	534	103	519	97
\$140,000–\$160,000	4,954	4	531	97	545	102	528	97
\$160,000–\$200,000	5,721	4	532	98	545	104	530	97
More than \$200,000	8,331	7	552	100	565	104	556	102
No Response	77,856							
<b>Highest Level of Parental Education</b>								
No High School Diploma	20,055	12	419	90	436	101	421	86
High School Diploma	56,033	33	464	97	476	105	461	92
Associate Degree	12,415	7	484	95	494	102	479	92
Bachelor's Degree	44,867	26	519	100	535	106	517	98
Graduate Degree	38,691	22	553	106	565	111	552	106
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	50,725	31	497	105	510	109	495	101
Yes, As a Sophomore or Younger	32,903	20	493	108	507	116	491	105
Yes, As a Junior and As a Sophomore or Younger	41,890	26	525	107	538	113	526	106
No	36,012	22	457	101	472	109	453	96

## 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	26,292	31	43	57	559	584	560
Second Tenth	23,850	28	45	55	499	522	499
Second Fifth	16,994	20	49	51	475	490	472
Final Three Fifths	17,672	21	47	53	439	446	436
No Response	120,337						

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)	7,626	4	39	61	583	604	586
A (93–96)	26,435	15	38	62	551	575	555
A- (90–92)	32,803	18	42	58	528	550	529
B (80–89)	89,292	50	45	55	472	483	469
C (70–79)	21,939	12	54	46	421	425	415
D, E, or F (below 70)	306	0	59	41	421	419	412
No Response	26,744						
<b>Mean Grade Point Average</b>	<b>All Students: 3.25</b>		<b>Male: 3.19</b>		<b>Female: 3.31</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	1.8	1.9	1.9	3.69	3.81	3.76
English and Language Arts	3.9	3.9	3.9	3.21	3.40	3.32
Foreign and Classical Languages	2.7	2.9	2.8	3.17	3.38	3.29
Mathematics	3.7	3.7	3.7	3.06	3.00	3.03
Natural Sciences	3.2	3.2	3.2	3.19	3.19	3.19
Social Sciences and History	3.3	3.3	3.3	3.35	3.37	3.36
<b>Total for All Subjects</b>	<b>18.6</b>	<b>18.9</b>	<b>18.8</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>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	4,385	3	44	56	510	521	509
4 Years	132,720	82	44	56	500	514	498
3 Years	21,747	13	42	58	455	467	455
2 Years	1,824	1	47	53	457	490	463
1 Year	360	0	48	52	435	461	434
1/2 Year or Less	195	0	45	55	414	438	419
No Response	43,914						
<b>Course Work or Experience</b>							
English/Language Arts	147,355	96	43	57	495	508	494
Journalism	16,930	11	37	63	508	507	510
Creative Writing	28,651	19	42	58	492	494	491
American Literature	78,718	51	43	57	501	511	500
Composition/Writing	47,752	31	42	58	499	504	497
British Literature	26,446	17	43	57	529	533	525
World Literature	39,131	25	44	56	510	520	507
Communications	6,674	4	44	56	482	493	482
Public Speaking	17,488	11	40	60	508	511	507
English As Second Language	7,856	5	40	60	422	482	431
AP®/Honors Courses	65,288	40	38	62	544	550	542

<b>Mathematics</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	9,491	6	50	50	523	571	524
4 Years	99,625	62	45	55	507	525	505
3 Years	47,233	29	40	60	465	464	462
2 Years	4,566	3	44	56	446	440	443
1 Year	371	0	49	51	422	427	422
1/2 Year or Less	224	0	47	53	413	424	417
No Response	43,635						
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	42,566	26	49	51	554	601	556
Pre-calculus	45,937	28	42	58	502	519	500
Trigonometry	14,982	9	43	57	484	489	481
Algebra II	50,818	31	42	58	452	444	448
Algebra I	7,036	4	43	56	407	383	403
AP/Honors Courses	50,443	31	46	54	550	589	551

\*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	4,795	3	47	53	544	579	544
4 Years	60,382	38	46	54	521	540	520
3 Years	64,708	41	42	58	483	494	481
2 Years	25,027	16	43	57	458	464	455
1 Year	3,505	2	46	54	444	455	440
1/2 Year or Less	1,048	1	37	63	411	425	415
No Response	45,680						
<b>Course Work or Experience</b>							
Biology	154,955	97	44	56	495	508	493
Chemistry	141,990	89	43	57	499	515	498
Physics	74,611	47	49	51	516	543	515
Geology, Earth, or Space Science	58,091	37	45	55	479	487	476
Other Sciences	51,325	32	39	61	497	506	495
AP/Honors Courses	45,792	29	44	56	556	582	555

<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	3,677	2	44	56	530	539	528
4 Years	71,016	44	44	56	511	520	509
3 Years	64,362	40	43	57	486	504	484
2 Years	19,307	12	44	56	456	475	455
1 Year	1,595	1	48	51	437	461	439
1/2 Year or Less	473	0	45	55	407	438	413
No Response	44,715						
<b>Course Work or Experience</b>							
U.S. History	154,867	97	44	56	495	508	493
World History or Cultures	137,050	86	44	56	494	508	492
U.S. Government or Civics	114,107	72	43	57	498	511	495
Economics	96,295	61	42	58	496	512	494
Geography	45,053	28	44	56	495	507	492
Psychology	32,581	21	34	66	513	518	511
European History	31,685	20	44	56	545	552	542
Sociology	9,386	6	38	62	494	498	492
Ancient History	12,075	8	48	52	520	523	517
Other Courses	13,699	9	43	57	517	525	515
AP/Honors Courses	56,260	35	41	59	549	558	546

## 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>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,653	2	37	63	546	569	553	
4 Years	31,189	19	39	61	546	558	549	
3 Years	64,574	40	43	57	504	520	503	
2 Years	53,056	33	48	52	459	470	453	
1 Year	5,382	3	51	49	423	435	417	
1/2 Year or Less	2,812	2	52	48	408	437	404	
No Response	44,479							
<b>Course Work or Experience</b>								
Chinese	3,749	2	50	50	511	589	514	
French	23,997	15	35	65	512	514	507	
German	3,309	2	56	44	539	545	525	
Greek	176	0	53	47	543	542	538	
Hebrew	693	0	42	58	553	566	571	
Italian	1,117	1	38	62	518	521	518	
Japanese	3,906	2	52	48	533	568	524	
Korean	784	0	50	50	495	585	508	
Latin	3,250	2	50	50	564	558	555	
Russian	341	0	48	52	484	504	493	
Spanish	123,130	77	44	56	490	503	489	
Other Languages	5,663	4	41	59	468	486	465	
AP/Honors Courses	30,700	19	36	64	542	556	546	

## 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	4,553	3	40	60	539	545	534
4 Years	19,576	12	38	62	532	536	530
3 Years	17,010	11	38	62	505	510	502
2 Years	36,721	23	43	57	491	503	489
1 Year	65,954	42	47	53	488	508	486
1/2 Year or Less	14,195	9	46	54	453	468	452
No Response	47,136						
<b>Course Work or Experience</b>							
Acting or Play Production	21,525	15	33	67	530	517	525
Art History or Appreciation	28,291	20	42	58	493	499	491
Dance	21,579	15	10	90	488	487	492
Drama: Study or Appreciation	21,575	15	32	68	510	501	508
Music: Study or Appreciation	14,113	10	48	52	527	530	524
Music Performance	40,518	28	43	57	519	529	517
Photography or Film	32,072	22	41	59	502	510	499
Studio Art and Design	31,704	22	40	59	507	517	505
None	25,028	17	54	46	464	488	462
AP/Honors Courses	8,739	6	37	63	559	565	557

<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	88,375	61	44	56	499	510	495
Computer Programming	22,300	15	52	48	485	507	483
Word Processing	90,380	63	44	56	499	510	496
Internet Activity	66,384	46	45	55	505	516	501
Using Computer Graphics	38,725	27	50	50	501	515	497
Creating Spreadsheets/Databases	35,841	25	46	54	508	523	504
None	26,114	18	39	61	494	509	495

## 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
105,595	281,017	101,334	547	572	550

  

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	3,670	3
2	46,062	44
3	42,431	40
4 or More	13,432	13

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	54,921	537	105	52,686	552	107	548	106	553	105
<b>History and Social Studies</b>										
U.S. History	55,868	556	110	53,975	560	106	570	110	560	106
World History	6,407	533	108	6,094	575	112	581	117	574	112
<b>Mathematics</b>										
Mathematics Level 1	12,529	508	100	11,525	497	109	527	111	501	107
Mathematics Level 2	66,033	595	105	64,400	554	109	604	107	560	108
<b>Science</b>										
Biology-E	14,102	569	107	13,650	565	107	587	112	567	108
Biology-M	12,365	602	109	12,066	588	106	620	106	593	107
Chemistry	18,015	584	114	17,515	574	115	629	111	579	114
Physics	7,804	607	105	7,637	580	109	651	100	580	107
<b>Foreign and Classical Languages</b>										
Chinese/Listening	3,321	761	59	3,197	528	133	650	98	545	125
French	2,459	569	127	2,387	594	106	597	105	605	106
French/Listening	620	584	127	606	595	100	597	96	604	99
German	150	558	130	146	599	86	610	87	594	91
German/Listening	154	567	135	148	609	97	611	88	606	90
Modern Hebrew	154	631	145	138	589	89	626	97	623	90
Italian	97	665	114	95	591	90	582	83	593	89
Japanese/Listening	688	689	109	657	553	112	633	98	562	106
Korean/Listening	2,846	751	66	2,692	529	114	645	98	560	110
Latin	356	599	109	350	662	91	663	93	667	87
Spanish	18,067	647	121	17,151	509	114	520	118	518	116
Spanish/Listening	4,061	659	118	3,954	489	104	497	110	495	106

## 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	1,295	2	2,744	5	265	4
700-740	3,140	6	4,453	8	326	5
650-690	5,329	10	6,196	11	538	8
600-640	6,593	12	7,182	13	664	10
550-590	8,654	16	7,708	14	884	14
500-540	9,432	17	8,986	16	1,012	16
450-490	8,814	16	8,955	16	1,288	20
400-440	7,119	13	6,467	12	918	14
350-390	3,579	7	2,723	5	433	7
300-340	931	2	446	1	70	1
250-290	35	0	8	0	8	0
200-240					1	0
Total	54,921		55,868		6,407	
Mean	537		556		533	
SD	105		110		108	
75th percentile	610		640		610	
50th percentile	530		550		520	
25th percentile	460		470		450	

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	121	1	7,747	12	600	4	1,060	9	1,910	11	965	12
700-740	432	3	5,592	8	1,261	9	1,788	14	1,727	10	804	10
650-690	713	6	6,893	10	1,866	13	2,009	16	2,069	11	1,101	14
600-640	1,416	11	10,031	15	2,321	16	1,996	16	2,424	13	1,219	16
550-590	1,643	13	12,242	19	2,212	16	1,745	14	2,485	14	1,303	17
500-540	2,143	17	11,760	18	2,171	15	1,455	12	2,595	14	1,070	14
450-490	2,189	17	8,135	12	1,734	12	1,191	10	2,553	14	892	11
400-440	2,139	17	2,670	4	1,155	8	644	5	1,788	10	409	5
350-390	1,365	11	836	1	553	4	368	3	457	3	41	1
300-340	359	3	125	0	217	2	101	1	7	0		
250-290	9	0	2	0	12	0	7	0				
200-240							1	0				
Total	12,529		66,033		14,102		12,365		18,015		7,804	
Mean	508		595		569		602		584		607	
SD	100		105		107		109		114		105	
75th percentile	580		670		650		690		670		690	
50th percentile	500		580		570		610		580		600	
25th percentile	430		520		490		520		490		530	

## 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	2,482	75	283	12	91	15	19	13	23	15	50	32
700-740	403	12	225	9	46	7	13	9	14	9	14	9
650-690	221	7	252	10	79	13	8	5	11	7	12	8
600-640	127	4	266	11	77	12	14	9	12	8	8	5
550-590	50	2	269	11	84	14	16	11	18	12	19	12
500-540	27	1	334	14	71	11	26	17	23	15	16	10
450-490	10	0	349	14	66	11	15	10	19	12	21	14
400-440			307	12	60	10	23	15	20	13	8	5
350-390	1	0	158	6	39	6	15	10	8	5	2	1
300-340			16	1	7	1	1	1	6	4	2	1
250-290											1	1
200-240											1	1
Total	3,321		2,459		620		150		154		154	
Mean	761		569		584		558		567		631	
SD	59		127		127		130		135		145	
75th percentile	800		670		680		660		690		790	
50th percentile	790		560		580		530		550		640	
25th percentile	740		470		470		440		450		510	

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	31	32	302	44	1,990	70	36	10	4,680	26	1,326	33
700-740	17	18	107	16	390	14	43	12	3,151	17	693	17
650-690	13	13	80	12	207	7	57	16	2,828	16	540	13
600-640	14	14	56	8	136	5	52	15	2,072	11	344	8
550-590	9	9	48	7	77	3	51	14	1,419	8	386	10
500-540	4	4	46	7	29	1	48	13	1,323	7	318	8
450-490	2	2	32	5	13	0	35	10	1,112	6	186	5
400-440	3	3	7	1	4	0	22	6	805	4	143	4
350-390	2	2	6	1			9	3	478	3	84	2
300-340	2	2	2	0			3	1	171	1	30	1
250-290			1	0					28	0	5	0
200-240			1	0							6	0
Total	97		688		2,846		356		18,067		4,061	
Mean	665		689		751		599		647		659	
SD	114		109		66		109		121		118	
75th percentile	750		780		800		690		750		750	
50th percentile	690		720		780		610		680		690	
25th percentile	610		620		730		520		570		580	

## College Plans

Table 26: Intended College Major, Degree-Level Goal

<b>SAT Reasoning Test</b> <b>Intended College Major</b>	<b>Test-Takers</b>		<b>Mean Scores</b>		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	882	1	481	487	477
Architecture and Related Services	3,774	3	477	520	476
Area, Ethnic, Cultural and Gender Studies	202	0	532	500	520
Biological and Biomedical Sciences	9,799	7	524	544	522
Business Management, Marketing, and Related Support Services	19,681	15	478	502	479
Communication, Journalism and Related Programs	4,699	3	521	499	523
Computer and Information Sciences and Support Services	3,462	3	499	534	481
Construction Trades	72	0	444	481	432
Education	7,106	5	465	469	466
Engineering	9,710	7	508	567	501
Engineering Technologies/Technicians	2,259	2	459	509	451
English Language and Literature/Letters	2,508	2	578	524	568
Family and Consumer Sciences/Human Sciences	299	0	460	461	463
Foreign Languages, Literatures, and Linguistics	1,139	1	544	527	538
Health Professions and Related Clinical Services	23,749	18	475	490	478
History	2,057	2	525	500	505
Legal Professions and Studies	4,150	3	499	495	495
Liberal Arts and Sciences, General Studies, and Humanities	1,507	1	543	522	540
Library Science/Librarianship	35	0	601	511	540
Mathematics and Statistics	1,506	1	494	580	497
Mechanic and Repair Technologies/Technician	456	0	410	447	406
Military Sciences	243	0	513	526	489
Multi/Interdisciplinary Studies	212	0	581	580	578
Natural Resources and Conservation	510	0	534	525	522
Parks, Recreation, Leisure and Fitness Studies	590	0	452	473	451
Personal and Culinary Services	496	0	457	454	451
Philosophy and Religious Studies	387	0	561	541	538
Physical Sciences	1,835	1	542	576	533
Precision Production	4	0			
Psychology	8,348	6	489	478	489
Public Administration and Social Services Professions	615	0	450	439	453
Security and Protective Services	2,215	2	440	449	437
Social Sciences	2,481	2	544	526	532
Theology and Religious Vocations	259	0	536	520	514
Transportation and Materials Moving	88	0	438	471	432
Visual and Performing Arts	11,783	9	507	499	504
Other	1,573	1	453	461	449
Undecided	4,712	3	516	537	513
<b>Degree-Level Goal</b>					
Certificate Program	1,467	1	440	460	440
Associate Degree	1,282	1	413	418	414
Bachelor's Degree	41,080	24	469	481	466
Master's Degree	55,310	32	493	507	492
Doctoral or Related Degree	36,436	21	514	529	514
Other	808	0	425	440	430
Undecided	35,909	21	506	521	504

## College Plans

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

Of the 209,406 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 160,103 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 2,956 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>
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	56,182	35.1
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	48,713	30.4
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	45,369	28.3
UNIVERSITY OF CALIFORNIA IRVINE	CA	Public	44,596	27.9
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	43,641	27.3
UNIVERSITY OF CALIFORNIA DAVIS	CA	Public	42,852	26.8
SAN DIEGO STATE UNIVERSITY	CA	Public	31,231	19.5
CALIFORNIA STATE UNIVERSITY LONG BEACH	CA	Public	30,664	19.2
UNIVERSITY OF CALIFORNIA SANTA CRUZ	CA	Public	28,656	17.9
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	26,986	16.9
UNIVERSITY OF CALIFORNIA RIVERSIDE	CA	Public	24,063	15.0
CALIFORNIA POLYTECHNIC STATE UNIVERSITY	CA	Public	23,035	14.4
UNIVERSITY OF SAN DIEGO	CA	Private	20,384	12.7
CALIFORNIA STATE UNIVERSITY FULLERTON	CA	Public	19,817	12.4
SAN FRANCISCO STATE UNIVERSITY	CA	Public	16,053	10.0
STANFORD UNIVERSITY	CA	Private	15,872	9.9
CALIFORNIA STATE POLYTECHNIC UNIVERSITY	CA	Public	15,714	9.8
CSU MENTOR	CA	Public	15,088	9.4
SAN JOSE STATE UNIVERSITY	CA	Public	14,316	8.9
CALIFORNIA STATE UNIVERSITY NORTHRIDGE	CA	Public	11,832	7.4
CALIFORNIA STATE UNIVERSITY LOS ANGELES	CA	Public	11,059	6.9
UNIVERSITY OF CALIFORNIA MERCED	CA	Public	10,536	6.6
CALIFORNIA STATE UNIVERSITY SACRAMENTO	CA	Public	9,984	6.2
CALIFORNIA STATE UNIVERSITY CHICO	CA	Public	8,787	5.5
CALIFORNIA STATE UNIVERSITY FRESNO	CA	Public	8,502	5.3
LOYOLA MARYMOUNT UNIVERSITY	CA	Private	8,322	5.2
NEW YORK UNIVERSITY	NY	Private	7,657	4.8
SANTA CLARA UNIVERSITY	CA	Private	7,097	4.4
SONOMA STATE UNIVERSITY	CA	Public	6,854	4.3
UNIVERSITY OF SAN FRANCISCO	CA	Private	6,680	4.2
PEPPERDINE UNIVERSITY	CA	Private	6,676	4.2
NCAA ELIGIBILITY CENTER	IA	Public	5,916	3.7
CALIFORNIA STATE UNIVERSITY SAN MARCOS	CA	Public	5,452	3.4
CALIFORNIA STATE UNIVERSITY SAN BERNARDI	CA	Public	5,388	3.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	5,307	3.3
BOSTON UNIVERSITY	MA	Private	5,256	3.3
CALIFORNIA STATE UNIVERSITY MONTEREY BAY	CA	Public	5,195	3.2
UNIVERSITY OF OREGON	OR	Public	5,092	3.2
UNIVERSITY OF THE PACIFIC	CA	Private	4,900	3.1
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	4,825	3.0
CALIFORNIA STATE UNIVERSITY DOMINGUEZ HI	CA	Public	4,725	3.0
YALE UNIVERSITY	CT	Private	4,564	2.9
UNIVERSITY OF ARIZONA	AZ	Public	4,547	2.8
HUMBOLDT STATE UNIVERSITY	CA	Public	4,544	2.8
CHAPMAN UNIVERSITY	CA	Private	4,516	2.8

\*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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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  
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866 392-4088  
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## Western Regional Office

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