

# State Profile Report

WASHINGTON

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

# The SAT<sup>®</sup> Program

The SAT Reasoning Test<sup>™</sup> (formerly known as the SAT<sup>®</sup> I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests<sup>™</sup> (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2006* includes students who tested through April 2006.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2006 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, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

## 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 5,000 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<sup>®</sup>, the PSAT/NMSQT<sup>®</sup>, and the Advanced Placement Program<sup>®</sup> (AP<sup>®</sup>). 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 Reasoning Test Scores

## College-Bound Seniors, 1972–2006

<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

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 2000–2006, 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 2006. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through April 2006. 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	Critical Reading		Mathematics		Writing*	
	Number	Mean	SD	Mean	SD	Mean	SD
Total	34,150	527	104	532	103	511	100

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	15,669	529	105	553	103	504	100
Female	18,481	526	104	515	99	517	99

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	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Senior	21,535	515	100	522	101	500	96
Junior	12,264	548	107	549	103	533	104
Sophomore	295	563	114	562	112		
Freshman	56	558	134	587	125		
Total	34,150	527	104	532	103	511	100

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	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Total Group	1,465,744	503	113	518	115	497	109

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 34,150 students in this report, 32,521 students have scores on the SAT writing section.

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	600	600	580	580	600	570
50th	530	530	510	500	520	490
25th	460	460	440	430	440	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	345	401	746	401	164	565	148	235	383
700–749	562	656	1,218	900	458	1,358	338	496	834
650–699	1,158	1,337	2,495	1,695	1,186	2,881	805	1,135	1,940
600–649	2,156	2,294	4,450	2,532	2,153	4,685	1,501	1,932	3,433
550–599	2,532	2,909	5,441	2,747	2,931	5,678	2,192	2,872	5,064
500–549	3,010	3,546	6,556	2,859	3,672	6,531	2,861	3,473	6,334
450–499	2,561	3,214	5,775	2,157	3,364	5,521	2,841	3,353	6,194
400–449	1,829	2,310	4,139	1,372	2,489	3,861	2,191	2,318	4,509
350–399	938	1,197	2,135	648	1,374	2,022	1,250	1,200	2,450
300–349	407	431	838	235	448	683	555	475	1,030
250–299	99	127	226	80	164	244	131	108	239
200–249	72	59	131	43	78	121	68	43	111

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	29,082	90	46	54	524	530	508
Religiously Affiliated	2,473	8	46	54	555	553	546
Independent	727	2	49	51	620	612	607
Other or Unknown	1,868						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	33,847	99	527	104	532	103	512	100
Nonstandard Conditions	303	1	513	109	522	115	495	98

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	440	1	492	101	491	98	468	94
Asian, Asian American, or Pacific Islander	4,226	12	504	112	550	115	494	107
Black or African American	1,230	4	458	102	445	102	447	95
Mexican or Mexican American	1,022	3	465	100	468	98	453	97
Puerto Rican	81	0	512	85	499	94	485	84
Other Hispanic, Latino, or Latin American	474	1	485	99	479	102	469	97
White	23,264	68	537	99	538	97	520	95
Other	1,195	3	522	107	519	106	509	103
No Response*	2,218	6	554	113	545	104	534	105
Total	34,150	100	527	104	532	103	511	100

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	177	1	496	106	520	101	466	101
Asian, Asian American, or Pacific Islander	1,988	6	503	113	569	116	486	107
Black or African American	586	2	457	106	455	108	438	98
Mexican or Mexican American	434	1	471	101	491	95	450	94
Puerto Rican	34	0	527	96	527	99	485	91
Other Hispanic, Latino, or Latin American	200	1	489	96	504	107	463	100
White	10,656	31	539	99	558	96	514	96
Other	519	2	526	103	543	105	503	103
No Response*	1,075	3	551	111	562	105	524	105
Total	15,669	46	529	105	553	103	504	100

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	263	1	489	97	471	91	470	89
Asian, Asian American, or Pacific Islander	2,238	7	504	111	532	111	501	106
Black or African American	644	2	460	97	435	95	456	92
Mexican or Mexican American	588	2	461	100	452	96	456	99
Puerto Rican	47	0	502	75	478	84	484	79
Other Hispanic, Latino, or Latin American	274	1	482	101	461	94	472	95
White	12,608	37	535	98	521	93	526	94
Other	676	2	519	109	500	103	513	102
No Response*	1,143	3	558	114	528	100	542	104
Total	18,481	54	526	104	515	99	517	99

\*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.

## 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	34,150	100	527	104	532	103	511	100
<b>First Language Learned</b>								
English	27,562	83	535	101	534	100	518	97
English and Another	3,594	11	498	105	519	109	486	99
Another Language	2,146	6	473	116	532	124	469	113
No Response*	848							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	30,635	96	530	102	532	102	514	98
U.S. Permanent Resident or Refugee	829	3	479	119	537	125	478	116
Citizen of Another Country	422	1	451	121	564	116	452	112
Other, Unknown, or No Response*	2,264							
<b>Disabling Condition</b>								
Yes	1,853	5	513	109	508	105	491	102
Unknown or No Response*	32,297							
<b>Plans to Apply for Financial Aid</b>								
Yes	22,416	71	526	104	528	102	510	100
No	2,444	8	533	102	547	101	522	98
Don't Know	6,509	21	526	102	538	102	511	98
<b>Family Income</b>								
Less than \$10,000	636	3	468	114	483	118	458	106
\$10,000–\$20,000	1,075	5	479	107	488	104	464	99
\$20,000–\$30,000	1,501	6	497	104	498	101	478	98
\$30,000–\$40,000	1,995	9	506	105	508	100	489	95
\$40,000–\$50,000	2,010	9	515	102	517	96	496	95
\$50,000–\$60,000	2,295	10	519	97	521	97	503	93
\$60,000–\$70,000	2,300	10	527	97	532	98	508	94
\$70,000–\$80,000	2,429	10	526	99	528	100	511	95
\$80,000–\$100,000	3,673	16	534	97	539	97	520	95
More than \$100,000	5,420	23	549	99	559	99	536	97
No Response*	10,816							
<b>Highest Level of Parental Education</b>								
No High School Diploma	918	3	437	96	459	103	429	93
High School Diploma	8,918	28	492	94	499	96	477	90
Associate Degree	3,219	10	503	93	507	95	487	87
Bachelor's Degree	10,512	33	539	98	544	97	523	95
Graduate Degree	8,476	26	568	104	569	101	553	99
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	13,087	44	532	101	538	99	519	97
Yes, As a Sophomore or Younger	3,461	12	537	101	539	100	519	95
Yes, As a Junior and As a Sophomore or Younger	4,144	14	580	99	585	96	568	94
No	8,718	30	493	99	496	99	473	92

\*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.

## 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
Top Tenth	5,755	37	42	58	585	602	573
Second Tenth	4,352	28	45	55	526	539	514
Second Fifth	2,941	19	51	49	499	505	484
Final Three Fifths	2,641	17	52	48	465	464	449
No Response*	18,461						

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)	2,236	7	36	64	606	620	596
A (93–96)	6,695	21	38	62	569	583	558
A- (90–92)	7,345	23	42	58	539	549	526
B (80–89)	13,557	42	50	50	497	499	480
C (70–79)	2,476	8	63	37	465	458	442
D, E, or F (below 70)	44	0	61	39	442	448	430
No Response*	1,797						
<b>Mean Grade Point Average</b>	<b>All Students: 3.42</b>		<b>Male: 3.33</b>		<b>Female: 3.50</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	1.9	2.2	2.1	3.79	3.90	3.85
English	3.9	3.9	3.9	3.34	3.58	3.48
Foreign and Classical Languages	2.5	2.7	2.6	3.29	3.52	3.42
Mathematics	3.8	3.7	3.8	3.22	3.21	3.22
Natural Sciences	3.3	3.3	3.3	3.34	3.40	3.37
Social Sciences and History	3.5	3.5	3.5	3.46	3.55	3.51
<b>Total for All Subjects</b>	<b>18.9</b>	<b>19.3</b>	<b>19.2</b>			

Table 16: Total Years of Study in Combined Six Academic Subjects

Total years of study is calculated by combining the number of years that students studied each of the following subjects during high school: Arts and Music, English, Foreign and Classical Languages, Mathematics, Natural Sciences, and Social Sciences and History. 'Incomplete Response' denotes the number of test-takers who did not respond to all six subjects.

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
20 or More Years	12,797	47	41	59	561	565	547
19 or 19.5 Years	3,715	14	46	54	519	526	503
18 or 18.5 Years	3,207	12	47	53	511	514	495
17 or 17.5 Years	2,419	9	49	51	498	504	482
16 or 16.5 Years	1,647	6	49	51	490	493	474
15 or 15.5 Years	1,235	5	47	53	485	486	466
Less than 15 Years	2,254	8	52	48	476	483	456
Incomplete Response	6,876						

\*'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.

## Academic Information

### Course-Taking Patterns

Table 17: English, Mathematics

<b>English</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	Writing
More Than 4 Years	1,893	7	42	58	539	535	522
4 Years	22,397	78	45	55	533	538	517
3 Years	3,596	13	46	54	496	500	481
2 Years	555	2	53	47	497	513	476
1 Year	93	0	45	55	498	517	473
1/2 Year or Less	80	0	53	48	509	520	474
No Response*	5,536						
<b>Course Work or Experience</b>							
American Literature	23,960	90	45	55	534	536	518
Grammar	15,837	60	44	56	538	537	522
Composition	16,716	63	44	56	549	545	532
Literature, Historical Periods	12,238	46	41	59	557	550	540
British Literature	6,523	25	41	59	569	556	551
Speaking and Listening	10,575	40	43	57	538	536	522
Literature, Other Country	5,778	22	41	59	566	557	549
English As Second Language	927	3	45	55	440	515	441
AP®/Honors Courses	11,141	39	38	62	575	570	560
<b>Mathematics</b>							
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,408	12	50	50	556	592	540
4 Years	16,461	57	46	54	535	544	521
3 Years	7,545	26	42	58	505	491	488
2 Years	1,139	4	44	56	489	460	468
1 Year	105	0	44	56	504	484	477
1/2 Year or Less	65	0	48	52	510	512	476
No Response*	5,427						
<b>Course Work or Experience</b>							
Algebra	26,275	92	45	55	526	531	511
Geometry	25,502	90	45	55	529	534	513
Trigonometry	17,457	61	46	54	541	553	526
Precalculus	16,400	58	47	53	553	572	538
Calculus	8,842	31	50	50	576	607	561
Other Math Courses	6,731	24	42	58	519	520	505
Computer Math	1,377	5	56	44	513	529	495
AP/Honors Courses	7,708	27	47	53	584	608	569

\*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.

## Academic Information

### Course-Taking Patterns

Table 18: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,578	6	46	54	561	587	545	
4 Years	11,294	40	46	54	548	558	533	
3 Years	10,167	36	43	57	517	517	503	
2 Years	4,530	16	47	53	497	492	478	
1 Year	689	2	51	49	497	498	479	
1/2 Year or Less	239	1	45	55	481	482	455	
No Response*	5,653							
<b>Course Work or Experience</b>								
Biology	26,690	94	44	56	528	532	513	
Chemistry	22,893	80	45	55	536	544	521	
Physics	13,390	47	51	49	552	568	535	
Geology, Earth, or Space Science	10,951	38	45	55	521	520	504	
Other Sciences	12,635	44	42	58	523	525	508	
AP/Honors Courses	6,109	21	45	55	589	603	574	
<b>Social Sciences and History</b>								
Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,433	5	42	58	549	545	530	
4 Years	14,717	51	45	55	536	536	521	
3 Years	9,528	33	45	55	521	530	505	
2 Years	2,413	8	48	52	503	515	486	
1 Year	346	1	50	50	489	512	471	
1/2 Year or Less	148	1	49	51	480	493	462	
No Response*	5,565							
<b>Course Work or Experience</b>								
U.S. History	27,684	98	45	55	527	532	512	
World History or Cultures	21,987	78	45	55	530	535	515	
U.S. Government or Civics	17,753	63	45	55	529	532	513	
Economics	4,873	17	47	53	526	534	510	
Geography	7,641	27	44	56	513	519	499	
Psychology	6,657	23	35	65	535	530	520	
European History	6,291	22	45	55	559	554	541	
Sociology	2,725	10	38	62	527	522	509	
Ancient History	3,674	13	47	53	547	544	529	
Anthropology	794	3	42	58	544	537	526	
Other Courses	10,751	38	43	57	531	535	515	
AP/Honors Courses	8,118	28	42	58	585	581	567	

\*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.

## Academic Information

### Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	951	3	34	66	573	581	566
4 Years	4,511	16	37	63	582	581	571
3 Years	8,084	28	42	58	545	549	531
2 Years	12,835	45	49	51	504	510	487
1 Year	1,337	5	51	49	480	480	457
1/2 Year or Less	907	3	60	40	468	484	446
No Response*	5,525						
<b>Course Work or Experience</b>							
Chinese	521	2	50	50	529	591	518
French	5,314	18	33	67	547	540	532
German	2,116	7	55	45	548	543	524
Greek	116	0	40	60	587	553	566
Hebrew	113	0	47	53	582	558	570
Italian	110	0	28	72	572	542	556
Japanese	1,917	7	56	44	551	563	525
Korean	215	1	47	53	496	585	491
Latin	636	2	47	53	608	580	588
Russian	193	1	38	62	518	517	510
Spanish	19,042	66	45	55	524	529	510
Other Languages	1,860	6	34	66	493	497	476
AP/Honors Courses	2,873	10	38	62	601	600	590

\*'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.

## Academic Information

### Course-Taking Patterns

Table 20: 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>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,691	6	40	60	550	548	535	
4 Years	4,786	17	38	62	559	551	543	
3 Years	3,256	12	38	62	534	529	521	
2 Years	5,834	21	44	56	522	527	507	
1 Year	9,069	32	49	51	519	531	503	
1/2 Year or Less	3,608	13	54	46	504	517	487	
No Response*	5,906							
<b>Course Work or Experience</b>								
Acting or Play Production	5,331	21	35	65	557	537	539	
Art History or Appreciation	4,380	17	40	60	533	527	517	
Dance	2,819	11	13	87	527	516	517	
Drama: Study or Appreciation	4,294	17	35	65	544	529	528	
Music: Study or Appreciation	3,682	14	43	57	562	548	546	
Music Performance	10,835	42	41	59	548	546	531	
Photography or Film	7,632	30	40	60	532	531	517	
Studio Art and Design	7,343	29	39	61	535	535	519	
None	2,923	11	58	42	487	505	473	
AP/Honors Courses	1,795	6	38	62	584	579	572	
<b>Computers</b>								
<b>Course Work or Experience</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	
Computer Literacy	18,429	68	45	55	530	533	514	
Computer Programming	4,015	15	61	39	524	541	504	
Word Processing	20,419	75	44	56	529	532	513	
Internet Activity	15,185	56	45	55	533	536	517	
Using Computer Graphics	9,153	34	53	47	533	541	515	
Creating Spreadsheets/Databases	10,038	37	47	53	535	544	519	
None	2,950	11	37	63	538	536	524	

\*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.

## SAT Subject Tests™ Data

Table 21: 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
3,475	9,144	3,304	636	649	625

  

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	244	7
2	1,203	35
3	1,703	49
4 or More	325	9

Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

Most, but not all, students who take the SAT Subject Tests also take the SAT Reasoning Test. This table provides a side-by-side presentation of the two scores for those students who took both tests.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Writing*	211	643	105	205	658	98	667	88	676	110
Literature	1,677	624	107	1,573	647	95	628	89	632	89
<b>History and Social Studies</b>										
U.S. History	1,367	614	116	1,273	645	95	639	94	629	92
World History	131	610	109	123	662	93	644	93	630	81
<b>Mathematics</b>										
Mathematics Level 1	1,093	595	103	989	606	102	621	92	599	99
Mathematics Level 2	2,039	664	92	1,992	646	94	681	74	636	87
<b>Science</b>										
Biology-E	245	609	98	231	641	95	641	86	630	92
Biology-M	374	662	84	366	654	83	674	79	644	80
Chemistry	733	632	100	702	646	93	690	77	631	90
Physics	354	667	88	345	650	93	708	66	627	88
<b>Foreign and Classical Languages</b>										
Chinese/Listening	57	766	56	57	615	125	678	90	611	109
French	152	605	109	152	662	89	647	84	664	87
French/Listening	60	588	100	60	658	85	631	89	651	81
German	11	605		11	692		707		661	
German/Listening	14	581		14	628		589		610	
Modern Hebrew	4			4						
Italian	6	728		6	695		648		678	
Japanese/Listening	52	632	149	51	617	107	678	75	609	94
Korean/Listening	79	753	82	78	561	117	675	92	579	101
Latin	39	680	93	38	708	87	676	87	689	88
Spanish	342	608	116	330	653	88	654	78	650	78
Spanish/Listening	104	604	98	102	662	80	646	69	652	72

\*After the January 2005 administration, the SAT Subject Test in Writing was no longer administered because the SAT Reasoning Test now includes the writing section; 2006 is the last year for which scores for the SAT Subject Test in Writing are reported.

NOTE: The ELPT (English Language Proficiency Test) was last administered in January 2005. Please consult the 2005 College-Bound Seniors Reports for data on ELPT.

## SAT Subject Tests Score Distributions

Table 23: English, History and Social Studies

SAT Subject Tests	English				History and Social Studies			
	Writing		Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct	N	Pct
750–800	36	17	202	12	169	12	16	12
700–749	36	17	306	18	230	17	17	13
650–699	47	22	328	20	246	18	21	16
600–649	28	13	246	15	178	13	15	11
550–599	27	13	209	12	167	12	25	19
500–549	17	8	158	9	135	10	19	15
450–499	13	6	110	7	95	7	10	8
400–449	2	1	71	4	88	6	5	4
350–399	3	1	37	2	49	4	2	2
300–349	1	0	10	1	10	1		
250–299	1	0					1	1
200–249								
Total	211		1,677		1,367		131	
Mean	643		624		614		610	
SD	105		107		116		109	
75th percentile	720		710		710		690	
50th percentile	660		640		630		600	
25th percentile	570		550		530		540	

Table 24: 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	58	5	497	24	20	8	66	18	108	15	75	21
700–749	140	13	293	14	31	13	90	24	112	15	72	20
650–699	191	17	360	18	39	16	70	19	138	19	73	21
600–649	213	19	408	20	59	24	64	17	126	17	62	18
550–599	154	14	263	13	38	16	44	12	101	14	36	10
500–549	125	11	150	7	23	9	30	8	64	9	23	6
450–499	106	10	44	2	17	7	5	1	54	7	10	3
400–449	71	6	17	1	15	6	3	1	25	3	1	0
350–399	27	2	6	0	3	1	2	1	5	1	2	1
300–349	8	1	1	0								
250–299												
200–249												
Total	1,093		2,039		245		374		733		354	
Mean	595		664		609		662		632		667	
SD	103		92		98		84		100		88	
75th percentile	670		740		680		730		710		730	
50th percentile	610		660		610		670		640		680	
25th percentile	520		600		550		600		560		610	

## SAT Subject Tests Score Distributions

Table 25: 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	44	77	18	12	4	7	3	27				
700–749	8	14	15	10	6	10	1	9	3	21		
650–699	2	4	25	16	6	10			1	7		
600–649	1	2	24	16	12	20	2	18	3	21	1	25
550–599	1	2	24	16	10	17	1	9	4	29	1	25
500–549	1	2	17	11	7	12			1	7		
450–499			19	13	11	18	3	27			1	25
400–449			7	5	4	7			1	7	1	25
350–399			3	2			1	9				
300–349												
250–299									1	7		
200–249												
Total	57		152		60		11		14		4	
Mean	766		605		588		605		581			
SD	56		109		100							
75th percentile	800		680		650							
50th percentile	790		610		590							
25th percentile	750		520		490							

Table 26: 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	5	83	21	40	62	78	11	28	35	10	12	12
700–749			1	2	4	5	8	21	57	17	8	8
650–699			4	8	4	5	7	18	59	17	13	13
600–649			4	8	3	4	3	8	50	15	21	20
550–599			7	13	3	4	6	15	33	10	15	14
500–549	1	17	2	4			4	10	39	11	23	22
450–499			6	12	3	4			34	10	10	10
400–449			5	10					23	7	2	2
350–399									7	2		
300–349			2	4					5	1		
250–299												
200–249												
Total	6		52		79		39		342		104	
Mean	728		632		753		680		608		604	
SD			149		82		93		116		98	
75th percentile			780		800		750		700		670	
50th percentile			630		790		680		630		600	
25th percentile			490		750		580		510		530	

## College Plans

Table 27: Intended College Major, Degree-Level Goal, Plans for Advanced Standing

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture or Natural Resources	249	1	504	497	480
Architecture or Environmental Design	775	3	507	542	498
Arts: Visual and Performing	2,185	9	537	513	521
Biological Sciences	1,434	6	553	562	536
Business and Commerce	3,378	14	505	521	492
Communications	1,008	4	536	511	527
Computer or Information Sciences	920	4	538	570	507
Education	1,775	8	505	498	494
Engineering and Engineering Technologies	1,950	8	539	591	515
Foreign or Classical Languages	281	1	575	536	559
General or Interdisciplinary Studies	128	1	575	536	555
Health and Allied Services	4,291	18	503	515	495
Home Economics	80	0	487	485	478
Language and Literature	595	3	606	539	582
Library and Archival Sciences	17	0	578	508	532
Mathematics	248	1	567	640	558
Military Sciences	181	1	516	526	492
Philosophy, Religion, or Theology	174	1	573	542	542
Physical Sciences	457	2	567	596	546
Public Affairs and Services	656	3	495	487	478
Social Sciences and History	1,931	8	568	535	545
Technical and Vocational	264	1	470	491	450
Undecided	457	2	545	549	516
<b>Degree-Level Goal</b>					
Certificate Program	344	1	467	488	452
Associate Degree	324	1	458	452	440
Bachelor's Degree	8,591	27	502	506	486
Master's Degree	9,336	30	534	539	519
Doctoral or Related Degree	5,535	18	554	562	539
Other	119	0	471	473	457
Undecided	7,121	23	535	538	518
<b>Plans for Advanced Standing in College Courses</b>					
Art	1,062	4	524	515	514
Biology	2,628	10	574	584	558
Chemistry	2,431	9	579	609	564
Computer Science	729	3	548	579	521
English	8,049	31	575	565	560
Foreign Languages	3,590	14	577	578	567
Humanities	1,042	4	600	578	582
Mathematics	6,911	27	572	607	557
Music	942	4	538	537	527
Physics	1,980	8	587	630	570
Social Studies	5,894	23	586	580	567
None of These	11,142	43	497	498	482

## College Plans

**Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 34,321 students from your state who participated in the SAT Program, 27,614 designated that their SAT 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 1,889 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	14,960	54.2
WASHINGTON STATE UNIVERSITY	WA	Public	11,515	41.7
WESTERN WASHINGTON UNIVERSITY	WA	Public	10,273	37.2
CENTRAL WASHINGTON UNIVERSITY	WA	Public	5,920	21.4
EASTERN WASHINGTON UNIVERSITY	WA	Public	4,838	17.5
GONZAGA UNIVERSITY	WA	Private	3,332	12.1
SEATTLE UNIVERSITY	WA	Private	3,163	11.5
SEATTLE PACIFIC UNIVERSITY	WA	Private	2,696	9.8
PACIFIC LUTHERAN UNIVERSITY	WA	Private	1,962	7.1
UNIVERSITY OF PUGET SOUND	WA	Private	1,652	6.0
UNIVERSITY OF PORTLAND	OR	Private	1,643	5.9
STANFORD UNIVERSITY	CA	Private	1,533	5.6
UNIV OREGON	OR	Public	1,528	5.5
OREGON STATE UNIVERSITY	OR	Public	1,400	5.1
WHITWORTH COLLEGE	WA	Private	1,392	5.0
WHITMAN COLLEGE	WA	Private	1,212	4.4
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	1,181	4.3
EVERGREEN STATE COLLEGE	WA	Public	1,068	3.9
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	1,027	3.7
UNIVERSITY OF IDAHO	ID	Public	1,019	3.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	934	3.4
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	911	3.3
NEW YORK UNIVERSITY	NY	Private	839	3.0
SANTA CLARA UNIVERSITY	CA	Private	813	2.9
NCAA INITIAL ELIG CLEARINGHOUSE	IA	Scholarship	723	2.6
MONTANA STATE UNIVERSITY	MT	Public	639	2.3
PORTLAND STATE UNIVERSITY	OR	Public	622	2.3
UNIVERSITY OF SAN DIEGO	CA	Private	616	2.2
PEPPERDINE UNIVERSITY	CA	Private	579	2.1
ART INSTITUTE OF SEATTLE	WA	Private	565	2.0
BOSTON UNIVERSITY	MA	Private	558	2.0
UNIVERSITY OF MONTANA	MT	Public	554	2.0
UNIVERSITY OF ARIZONA	AZ	Public	553	2.0
WILLAMETTE UNIVERSITY	OR	Private	539	2.0
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	536	1.9
UNIVERSITY OF WASHINGTON TACOMA	WA	Private	524	1.9
LEWIS AND CLARK COLLEGE	OR	Private	519	1.9
BELLEVUE COMMUNITY COLLEGE	WA	Public	517	1.9
LINFIELD COLLEGE MCMINNVILLE	OR	Private	462	1.7
CORNELL UNIVERSITY	NY	Private	460	1.7
SAINT MARTINS UNIVERSITY	WA	Private	458	1.7
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	453	1.6
BRIGHAM YOUNG UNIVERSITY UTAH	UT	Private	451	1.6
UNIVERSITY OF SAN FRANCISCO	CA	Private	447	1.6
YALE UNIVERSITY	CT	Private	434	1.6

\*Of your students who designated that their SAT Program 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.

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