

# State Profile Report

MINNESOTA

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

# 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 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®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities, and concerns.

# Total Group Mean SAT 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	6,106	591	100	600	98	574	97

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	2,760	591	101	620	97	566	96
Female	3,346	591	100	583	96	580	96

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	2,178	583	108	592	104	566	103
Junior	3,849	595	95	604	94	579	92
Sophomore	70	612	102	619	101		
Freshman	9	627		613			
Total	6,106	591	100	600	98	574	97

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 6,106 students in this report, 5,738 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	660	670	640	580	600	570
50th	600	610	580	500	520	490
25th	530	530	510	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	150	199	349	243	118	361	62	114	176
700–749	237	299	536	361	270	631	168	259	427
650–699	464	523	987	590	560	1,150	323	431	754
600–649	537	647	1,184	578	629	1,207	465	654	1,119
550–599	501	599	1,100	383	602	985	505	589	1,094
500–549	421	517	938	298	534	832	455	495	950
450–499	231	318	549	165	364	529	328	362	690
400–449	130	147	277	93	175	268	172	157	329
350–399	52	65	117	30	69	99	69	55	124
300–349	23	23	46	12	15	27	31	28	59
250–299	10	6	16	4	7	11	3	5	8
200–249	4	3	7	3	3	6	2	6	8

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	4,423	77	44	56	592	602	572
Religiously Affiliated	909	16	49	51	580	592	572
Independent	382	7	47	53	621	626	614
Other or Unknown	392						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	6,047	99	591	100	600	98	574	97
Nonstandard Conditions	59	1	590	86	596	105	580	87

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	25	0	568	93	551	106	535	101
Asian, Asian American, or Pacific Islander	451	7	548	120	619	105	549	114
Black or African American	164	3	497	104	485	100	486	99
Mexican or Mexican American	45	1	554	99	562	104	555	87
Puerto Rican	6	0	593		573		587	
Other Hispanic, Latino, or Latin American	55	1	548	95	531	91	535	113
White	4,690	77	598	95	604	94	579	92
Other	149	2	579	105	582	100	564	102
No Response*	521	9	607	100	598	100	583	96
Total	6,106	100	591	100	600	98	574	97

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	14	0	580		586		541	
Asian, Asian American, or Pacific Islander	197	3	541	122	630	109	540	114
Black or African American	64	1	470	115	485	116	465	98
Mexican or Mexican American	23	0	566		583		556	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	24	0	540		541		508	
White	2,127	35	599	94	627	91	572	91
Other	65	1	575	101	595	88	550	101
No Response*	244	4	600	104	608	101	565	99
Total	2,760	45	591	101	620	97	566	96

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	11	0	552		506		527	
Asian, Asian American, or Pacific Islander	254	4	554	119	610	100	556	113
Black or African American	100	2	514	93	485	88	499	98
Mexican or Mexican American	22	0	542		540		553	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	31	1	555	78	523	90	555	102
White	2,563	42	597	95	586	92	585	93
Other	84	1	582	108	571	108	573	102
No Response*	277	5	613	96	589	99	599	91
Total	3,346	55	591	100	583	96	580	96

\*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	6,106	100	591	100	600	98	574	97
<b>First Language Learned</b>								
English	5,155	88	597	95	601	95	578	93
English and Another	451	8	557	113	584	112	548	110
Another Language	264	4	526	130	610	122	538	125
No Response*	236							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	5,404	96	596	97	600	97	577	95
U.S. Permanent Resident or Refugee	120	2	556	129	591	125	558	122
Citizen of Another Country	124	2	467	121	625	105	498	118
Other, Unknown, or No Response*	458							
<b>Disabling Condition</b>								
Yes	318	5	575	100	568	103	547	102
Unknown or No Response*	5,788							
<b>Plans to Apply for Financial Aid</b>								
Yes	4,017	73	591	100	597	99	572	96
No	485	9	598	94	603	95	586	91
Don't Know	1,011	18	586	103	608	94	572	101
<b>Family Income</b>								
Less than \$10,000	61	2	508	126	526	118	491	125
\$10,000–\$20,000	67	2	541	117	563	93	527	90
\$20,000–\$30,000	137	3	537	111	550	106	521	108
\$30,000–\$40,000	234	6	570	109	571	99	550	97
\$40,000–\$50,000	227	6	587	98	580	96	552	97
\$50,000–\$60,000	301	7	581	97	586	98	563	98
\$60,000–\$70,000	306	8	597	97	590	100	572	96
\$70,000–\$80,000	362	9	580	100	584	104	561	100
\$80,000–\$100,000	655	16	592	97	601	96	572	92
More than \$100,000	1,687	42	603	92	616	90	587	90
No Response*	2,069							
<b>Highest Level of Parental Education</b>								
No High School Diploma	31	1	483	118	540	122	484	112
High School Diploma	718	13	546	104	559	100	529	97
Associate Degree	287	5	544	95	561	103	524	96
Bachelor's Degree	2,165	38	590	94	599	95	572	91
Graduate Degree	2,467	44	613	96	618	94	596	93
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	2,538	49	599	94	606	92	581	91
Yes, As a Sophomore or Younger	702	13	583	96	590	97	563	92
Yes, As a Junior and As a Sophomore or Younger	1,081	21	630	90	636	93	614	87
No	900	17	537	106	552	104	515	100

\*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	1,847	45	38	62	641	656	626
Second Tenth	1,107	27	46	54	583	600	568
Second Fifth	682	17	51	49	563	573	538
Final Three Fifths	459	11	53	47	526	533	505
No Response*	2,011						

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)	749	13	39	61	660	672	645
A (93–96)	1,798	31	37	63	616	632	604
A- (90–92)	1,349	23	44	56	587	598	571
B (80–89)	1,674	29	54	46	550	551	526
C (70–79)	178	3	62	38	492	488	460
D, E, or F (below 70)	4	0	25	75			
No Response*	354						
<b>Mean Grade Point Average</b>	<b>All Students: 3.65</b>		<b>Male: 3.56</b>		<b>Female: 3.72</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	2.4	2.9	2.7	3.84	3.94	3.90
English	4.0	4.0	4.0	3.56	3.77	3.68
Foreign and Classical Languages	3.3	3.5	3.4	3.53	3.73	3.65
Mathematics	4.0	4.0	4.0	3.50	3.53	3.52
Natural Sciences	3.8	3.8	3.8	3.55	3.59	3.57
Social Sciences and History	3.8	3.8	3.8	3.62	3.72	3.67
<b>Total for All Subjects</b>	<b>21.3</b>	<b>22.0</b>	<b>21.7</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	4,032	82	42	58	604	611	586
19 or 19.5 Years	306	6	57	43	560	572	541
18 or 18.5 Years	212	4	54	46	552	562	526
17 or 17.5 Years	144	3	47	53	543	551	521
16 or 16.5 Years	87	2	45	55	532	519	505
15 or 15.5 Years	56	1	57	43	518	527	498
Less than 15 Years	98	2	51	49	519	547	500
Incomplete Response	1,171						

\*'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

English	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	503	10	37	63	601	606	587	
4 Years	4,125	81	45	55	596	604	578	
3 Years	375	7	49	51	554	563	531	
2 Years	65	1	51	49	528	557	516	
1 Year	12	0	58	42	499	564	491	
1/2 Year or Less	4	0	50	50				
No Response*	1,022							
<b>Course Work or Experience</b>								
American Literature	4,551	93	44	56	597	603	579	
Grammar	3,246	66	43	57	597	604	581	
Composition	3,788	77	43	57	601	606	583	
Literature, Historical Periods	2,806	57	41	59	610	609	591	
British Literature	1,832	37	40	60	619	614	597	
Speaking and Listening	2,319	47	42	58	602	607	584	
Literature, Other Country	1,732	35	40	60	615	614	597	
English As Second Language	139	3	50	50	470	580	486	
AP®/Honors Courses	2,625	52	40	60	628	630	609	

  

Mathematics	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	886	17	50	50	606	645	589	
4 Years	3,454	68	44	56	595	602	577	
3 Years	668	13	41	59	567	543	546	
2 Years	65	1	38	62	555	535	529	
1 Year	10	0	50	50	484	527	469	
1/2 Year or Less	5	0	40	60	596	572	523	
No Response*	1,018							
<b>Course Work or Experience</b>								
Algebra	4,720	93	44	56	591	599	573	
Geometry	4,670	92	44	56	591	600	574	
Trigonometry	3,533	70	45	55	600	613	582	
Precalculus	3,755	74	46	54	604	621	588	
Calculus	2,823	56	48	52	619	647	603	
Other Math Courses	1,480	29	45	55	590	600	572	
Computer Math	353	7	70	30	586	619	563	
AP/Honors Courses	2,499	49	47	53	627	650	609	

\*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	539	11	51	49	610	642	592	
4 Years	3,247	64	45	55	600	610	583	
3 Years	1,078	21	40	60	569	563	549	
2 Years	165	3	41	59	556	545	534	
1 Year	37	1	49	51	546	558	527	
1/2 Year or Less	14	0	50	50	556	528	503	
No Response*	1,026							
<b>Course Work or Experience</b>								
Biology	4,992	99	44	56	593	601	575	
Chemistry	4,781	94	44	56	594	604	577	
Physics	3,736	74	47	53	603	618	585	
Geology, Earth, or Space Science	2,313	46	43	57	583	590	566	
Other Sciences	1,976	39	38	62	588	595	570	
AP/Honors Courses	2,330	46	46	54	631	648	612	

  

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	518	10	49	51	612	618	592	
4 Years	3,411	67	44	56	596	603	578	
3 Years	970	19	44	56	576	589	560	
2 Years	151	3	45	55	563	582	551	
1 Year	22	0	45	55	528	564	514	
1/2 Year or Less	6	0	33	67	483	503	422	
No Response*	1,028							
<b>Course Work or Experience</b>								
U.S. History	4,906	97	44	56	593	601	575	
World History or Cultures	3,429	68	45	55	586	595	568	
U.S. Government or Civics	3,947	78	43	57	593	600	575	
Economics	2,286	45	47	53	594	607	575	
Geography	1,738	34	43	57	571	581	555	
Psychology	2,041	40	37	63	594	600	575	
European History	2,145	42	44	56	612	614	592	
Sociology	1,046	21	38	62	581	586	562	
Ancient History	946	19	45	55	595	592	574	
Anthropology	204	4	44	56	600	588	573	
Other Courses	1,414	28	43	57	598	601	580	
AP/Honors Courses	2,352	46	44	56	631	633	610	

\*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	515	10	38	62	611	618	600
4 Years	2,342	46	41	59	611	615	595
3 Years	1,209	24	47	53	584	594	564
2 Years	824	16	53	47	557	571	531
1 Year	121	2	55	45	538	544	510
1/2 Year or Less	77	2	56	44	513	545	492
No Response*	1,018						
<b>Course Work or Experience</b>							
Chinese	144	3	45	55	577	643	568
French	1,326	26	33	67	605	602	586
German	635	12	53	47	610	615	580
Greek	30	1	70	30	648	594	606
Hebrew	63	1	51	49	609	602	605
Italian	29	1	34	66	654	624	617
Japanese	115	2	49	51	575	603	555
Korean	32	1	16	84	529	637	522
Latin	301	6	48	52	624	612	602
Russian	40	1	38	63	607	581	598
Spanish	3,195	62	46	54	588	597	572
Other Languages	183	4	29	71	553	571	534
AP/Honors Courses	1,367	27	39	61	631	635	615

\*'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
More Than 4 Years	451	9	38	62	597	602	579
4 Years	1,611	32	39	61	610	610	593
3 Years	673	13	37	63	585	587	569
2 Years	899	18	40	60	581	594	566
1 Year	951	19	55	45	586	601	566
1/2 Year or Less	479	9	64	36	571	598	549
No Response*	1,042						
<b>Course Work or Experience</b>							
Acting or Play Production	1,280	27	34	66	616	599	594
Art History or Appreciation	926	19	38	62	590	583	573
Dance	506	11	14	86	576	574	562
Drama: Study or Appreciation	793	17	34	66	610	590	589
Music: Study or Appreciation	963	20	42	58	608	602	590
Music Performance	2,827	59	40	60	604	610	586
Photography or Film	1,323	28	41	59	584	585	564
Studio Art and Design	1,537	32	38	62	592	595	575
None	365	8	65	35	555	583	541
AP/Honors Courses	678	13	42	58	631	629	613
<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	2,757	58	47	53	594	601	575
Computer Programming	612	13	73	27	592	619	567
Word Processing	3,227	68	45	55	592	600	573
Internet Activity	2,448	51	47	53	594	601	575
Using Computer Graphics	1,364	29	54	46	589	603	570
Creating Spreadsheets/Databases	1,702	36	49	51	599	611	580
None	973	20	36	64	600	605	584

\*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
1,585	4,132	1,330	659	673	643

  

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	181	11
2	466	29
3	775	49
4 or More	163	10

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		Mathematics		Writing	
					Mean	SD	Mean	SD	Mean	SD
<b>English</b>										
Writing*	70	677	88	63	686	70	686	78	707	64
Literature	627	652	92	520	681	77	657	78	660	77
<b>History and Social Studies</b>										
U.S. History	660	657	96	555	675	79	671	76	652	79
World History	45	635	91	38	682	90	650	101	636	94
<b>Mathematics</b>										
Mathematics Level 1	467	635	87	373	637	93	657	74	627	86
Mathematics Level 2	883	691	84	769	663	89	702	63	649	79
<b>Science</b>										
Biology-E	150	647	79	129	666	74	671	74	639	75
Biology-M	192	677	82	172	675	81	691	67	660	76
Chemistry	406	642	96	352	652	90	705	68	645	82
Physics	190	671	84	162	652	94	715	59	639	82
<b>Foreign and Classical Languages</b>										
Chinese/Listening	17	759		16	586		683		576	
French	103	604	120	95	673	69	658	81	664	69
French/Listening	33	623	104	32	683	67	670	83	675	62
German	11	542		10	665		668		652	
German/Listening	21	585		16	678		659		656	
Modern Hebrew	2			2						
Italian	0			0						
Japanese/Listening	9	703		8	671		710		665	
Korean/Listening	4			4						
Latin	10	610		10	697		693		688	
Spanish	179	610	115	157	672	84	667	74	666	76
Spanish/Listening	53	602	116	48	659	74	642	83	634	81

\*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	16	23	97	15	123	19	5	11
700–749	14	20	131	21	148	22	6	13
650–699	18	26	146	23	120	18	11	24
600–649	10	14	99	16	108	16	8	18
550–599	6	9	66	11	65	10	7	16
500–549	5	7	48	8	50	8	5	11
450–499			20	3	26	4	2	4
400–449	1	1	16	3	14	2	1	2
350–399			3	0	5	1		
300–349			1	0	1	0		
250–299								
200–249								
Total	70		627		660		45	
Mean	677		652		657		635	
SD	88		92		96		91	
75th percentile	740		720		730		690	
50th percentile	680		670		670		640	
25th percentile	620		600		600		560	

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	38	8	283	32	19	13	45	23	67	17	46	24
700–749	92	20	166	19	28	19	45	23	67	17	28	15
650–699	105	22	157	18	31	21	41	21	72	18	42	22
600–649	102	22	155	18	37	25	25	13	80	20	35	18
550–599	48	10	76	9	19	13	25	13	52	13	26	14
500–549	47	10	35	4	10	7	7	4	37	9	11	6
450–499	24	5	9	1	4	3	2	1	19	5	1	1
400–449	9	2	1	0	2	1	2	1	8	2	1	1
350–399	2	0							4	1		
300–349			1	0								
250–299												
200–249												
Total	467		883		150		192		406		190	
Mean	635		691		647		677		642		671	
SD	87		84		79		82		96		84	
75th percentile	700		760		710		740		720		740	
50th percentile	650		700		650		690		650		670	
25th percentile	580		630		600		630		580		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	13	76	21	20	5	15						
700–749	2	12	8	8	7	21			4	19		
650–699	1	6	9	9	2	6	2	18	1	5		
600–649			13	13	8	24	1	9	6	29		
550–599			17	17	4	12	1	9	4	19		
500–549	1	6	10	10	2	6	4	36	2	10		
450–499			17	17	3	9	2	18	2	10		
400–449			6	6	2	6	1	9	1	5	1	50
350–399			2	2					1	5	1	50
300–349												
250–299												
200–249												
Total	17		103		33		11		21		2	
Mean	759		604		623		542		585			
SD			120		104							
75th percentile			700		700				620			
50th percentile			590		610				580			
25th percentile			490		550				500			

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			6	67	3	75	2	20	25	14	6	11
700–749					1	25			27	15	10	19
650–699							1	10	27	15	6	11
600–649			1	11			2	20	24	13	4	8
550–599							3	30	20	11	9	17
500–549			1	11					21	12	6	11
450–499			1	11			2	20	19	11	6	11
400–449									13	7	5	9
350–399									2	1	1	2
300–349									1	1		
250–299												
200–249												
Total	0		9		4		10		179		53	
Mean			703				610		610		602	
SD									115		116	
75th percentile									700		700	
50th percentile									620		590	
25th percentile									510		500	

## 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	29	1	553	577	531
Architecture or Environmental Design	134	3	557	583	542
Arts: Visual and Performing	415	10	583	567	566
Biological Sciences	342	8	618	624	604
Business and Commerce	479	12	549	581	537
Communications	175	4	587	569	575
Computer or Information Sciences	132	3	603	629	564
Education	167	4	565	567	553
Engineering and Engineering Technologies	424	10	592	651	570
Foreign or Classical Languages	71	2	630	613	611
General or Interdisciplinary Studies	35	1	623	613	591
Health and Allied Services	530	13	565	586	558
Home Economics	9	0	522	558	518
Language and Literature	146	4	642	581	623
Library and Archival Sciences	4	0			
Mathematics	84	2	629	698	606
Military Sciences	26	1	601	565	548
Philosophy, Religion, or Theology	45	1	626	582	601
Physical Sciences	129	3	632	659	592
Public Affairs and Services	55	1	549	549	548
Social Sciences and History	525	13	619	589	592
Technical and Vocational	15	0	468	523	487
Undecided	86	2	618	628	603
<b>Degree-Level Goal</b>					
Certificate Program	19	0	503	542	537
Associate Degree	15	0	501	501	479
Bachelor's Degree	1,055	19	558	567	537
Master's Degree	1,612	29	588	602	569
Doctoral or Related Degree	1,441	26	614	622	599
Other	19	0	574	597	547
Undecided	1,344	24	599	601	582
<b>Plans for Advanced Standing in College Courses</b>					
Art	213	4	583	579	563
Biology	800	17	633	643	614
Chemistry	784	16	624	663	609
Computer Science	129	3	614	645	587
English	2,011	42	633	628	615
Foreign Languages	1,412	30	624	629	612
Humanities	244	5	636	622	618
Mathematics	2,201	46	622	656	605
Music	218	5	621	619	609
Physics	768	16	637	676	619
Social Studies	1,984	42	630	630	609
None of These	1,081	23	541	541	523

## College Plans

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

Of the 6,361 students from your state who participated in the SAT Program, 4,607 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 1,121 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MINNESOTA MINNEAPOLIS	MN	Public	1,975	42.9
UNIVERSITY OF WISCONSIN MADISON	WI	Public	1,087	23.6
NORTHWESTERN UNIVERSITY	IL	Private	482	10.5
CARLETON COLLEGE	MN	Private	414	9.0
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	401	8.7
SAINT OLAF COLLEGE	MN	Private	389	8.4
UNIVERSITY OF MINNESOTA DULUTH	MN	Public	387	8.4
UNIVERSITY OF SAINT THOMAS MN	MN	Private	382	8.3
STANFORD UNIVERSITY	CA	Private	363	7.9
MACALESTER COLLEGE	MN	Private	332	7.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	319	6.9
NEW YORK UNIVERSITY	NY	Private	279	6.1
BOSTON UNIVERSITY	MA	Private	275	6.0
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	266	5.8
GUSTAVUS ADOLPHUS COLLEGE	MN	Private	263	5.7
YALE UNIVERSITY	CT	Private	260	5.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	239	5.2
WASHINGTON UNIVERSITY	MO	Private	236	5.1
UNIVERSITY OF NOTRE DAME	IN	Private	226	4.9
CORNELL UNIVERSITY	NY	Private	215	4.7
PRINCETON UNIVERSITY	NJ	Private	213	4.6
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	213	4.6
BOSTON COLLEGE	MA	Private	207	4.5
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	206	4.5
UNIVERSITY OF CHICAGO	IL	Private	200	4.3
DUKE UNIVERSITY	NC	Private	195	4.2
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	188	4.1
DARTMOUTH COLLEGE	NH	Private	181	3.9
IOWA STATE UNIVERSITY	IA	Public	169	3.7
COLLEGE OF SAINT BENEDICT/SAINT JOHN'S U	MN	Private	165	3.6
HAMLIN UNIVERSITY	MN	Private	155	3.4
GEORGETOWN UNIVERSITY	DC	Private	154	3.3
BROWN UNIVERSITY	RI	Private	149	3.2
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	148	3.2
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	142	3.1
MARQUETTE UNIVERSITY	WI	Private	139	3.0
UNIVERSITY OF COLORADO BOULDER	CO	Public	137	3.0
UNIVERSITY OF MINNESOTA MORRIS	MN	Public	136	3.0
SAINT CLOUD STATE UNIVERSITY	MN	Public	133	2.9
BETHEL UNIVERSITY	MN	Private	123	2.7
MINNESOTA STATE UNIVERSITY MANKATO	MN	Public	116	2.5
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	115	2.5
GEORGE WASHINGTON UNIVERSITY	DC	Private	114	2.5
UNIV IOWA	IA	Public	112	2.4
UNIVERSITY OF WISCONSIN EAU CLAIRE	WI	Public	106	2.3

\*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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