



2007 College-Bound Seniors

# 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 2007* includes students who tested through March 2007.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2007 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 5,200 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. 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, 1972–2007

<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

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 2000–2007, 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 2007. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2007. 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	5,468	596	104	603	98	577	100

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	2,533	596	105	623	97	571	101
Female	2,925	596	103	587	96	583	99
No Response**	10	549		510		523	

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	1,909	583	113	590	103	566	108
Junior	3,533	603	98	611	95	583	95
Sophomore	23	553		548		555	
Freshman	3						
Total	5,468	596	104	603	98	577	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	1,494,531	502	113	515	114	494	109

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 5,468 students in this report, 5,462 students have scores on the SAT writing section.

\*\*'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	670	670	650	580	590	570
50th	600	610	580	500	510	490
25th	530	530	510	430	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	186	226	413	247	112	359	86	148	234
700–749	261	311	572	355	248	604	195	230	425
650–699	434	410	845	528	509	1,037	330	442	772
600–649	462	584	1,047	490	545	1,035	456	548	1,005
550–599	403	490	894	358	528	889	479	546	1,029
500–549	355	409	767	269	464	736	419	426	847
450–499	222	279	503	175	289	464	277	311	590
400–449	126	138	265	72	156	229	155	180	336
350–399	42	49	91	25	60	87	90	63	153
300–349	28	18	46	10	8	18	33	24	57
250–299	9	6	15	4	5	9	6	3	9
200–249	5	5	10		1	1	4	1	5

**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	4,025	76	45	55	596	603	574
Religiously Affiliated	837	16	53	47	583	600	577
Independent	417	8	51	49	625	628	617
Other or Unknown	189						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	5,407	99	596	104	603	98	577	100
Nonstandard Conditions	61	1	600	111	592	118	588	101

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	23	0	582		542		534	
Asian, Asian American, or Pacific Islander	476	9	556	133	626	107	551	125
Black or African American	171	3	512	103	507	96	499	103
Mexican or Mexican American	51	1	551	89	562	80	544	91
Puerto Rican	7	0	576		643		573	
Other Hispanic, Latino, or Latin American	71	1	553	108	560	96	534	104
White	4,077	75	605	96	608	94	585	94
Other	137	3	582	110	576	106	555	105
No Response	455	8	605	107	596	101	582	102
Total	5,468	100	596	104	603	98	577	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	12	0	589		575		543	
Asian, Asian American, or Pacific Islander	221	4	553	128	647	105	548	123
Black or African American	66	1	494	109	498	97	478	110
Mexican or Mexican American	31	1	555	94	579	79	540	90
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	36	1	541	105	574	92	517	107
White	1,908	35	605	97	627	92	579	94
Other	55	1	568	134	599	115	535	127
No Response	202	4	606	108	620	96	579	105
Total	2,533	46	596	105	623	97	571	101

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	574		506		525	
Asian, Asian American, or Pacific Islander	255	5	557	137	608	105	554	126
Black or African American	105	2	524	98	512	95	512	96
Mexican or Mexican American	19	0	545		544		554	
Puerto Rican	5	0	562		642		562	
Other Hispanic, Latino, or Latin American	35	1	566	110	545	97	551	97
White	2,164	40	604	96	591	92	591	94
Other	82	1	591	89	561	96	569	83
No Response	249	5	606	106	578	101	586	100
Total	2,925	53	596	103	587	96	583	99

## 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	5,468	100	596	104	603	98	577	100
<b>First Language Learned</b>								
English	4,552	87	604	97	605	96	583	95
English and Another	436	8	573	117	594	106	560	114
Another Language	269	5	514	139	611	115	520	132
No Response	211							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	4,800	95	602	99	603	97	582	97
U.S. Permanent Resident or Refugee	104	2	571	131	621	119	566	135
Citizen of Another Country	145	3	456	121	612	111	478	116
Other, Unknown, or No Response	419							
<b>Disabling Condition</b>								
Yes	280	5	593	109	579	103	561	104
Unknown or No Response	5,188							
<b>Plans to Apply for Financial Aid</b>								
Yes	3,429	70	596	104	601	99	576	100
No	483	10	597	98	608	90	586	92
Don't Know	1,002	20	598	104	608	97	581	104
<b>Family Income</b>								
Less than \$10,000	52	1	473	113	537	109	463	108
\$10,000–\$20,000	74	2	517	136	544	116	507	124
\$20,000–\$30,000	86	2	553	103	573	102	521	99
\$30,000–\$40,000	163	5	554	109	563	107	536	107
\$40,000–\$50,000	175	5	585	111	576	108	562	105
\$50,000–\$60,000	250	7	596	107	583	105	575	101
\$60,000–\$70,000	231	7	602	109	594	100	573	97
\$70,000–\$80,000	292	8	599	93	600	101	577	89
\$80,000–\$100,000	585	17	597	100	607	96	575	96
More than \$100,000	1,610	46	606	98	620	93	592	96
No Response	1,950							
<b>Highest Level of Parental Education</b>								
No High School Diploma	37	1	462	113	566	98	458	114
High School Diploma	556	11	543	106	558	100	525	101
Associate Degree	223	4	557	97	567	99	532	98
Bachelor's Degree	1,961	38	590	99	598	96	570	95
Graduate Degree	2,324	46	622	97	626	92	605	93
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	2,196	47	602	97	606	93	582	94
Yes, As a Sophomore or Younger	678	15	600	99	605	97	579	96
Yes, As a Junior and As a Sophomore or Younger	998	21	634	91	639	86	621	86
No	794	17	542	112	557	106	520	104

## 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	1,703	47	42	57	648	660	632
Second Tenth	952	26	44	56	586	598	568
Second Fifth	605	17	52	48	559	570	533
Final Three Fifths	359	10	62	38	530	540	504
No Response	1,849						

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)	732	14	41	59	663	672	650
A (93–96)	1,551	30	39	61	625	638	610
A- (90–92)	1,221	24	45	55	591	600	572
B (80–89)	1,481	29	54	46	552	554	530
C (70–79)	167	3	72	28	503	502	471
D, E, or F (below 70)	3	0	100	0			
No Response	313						
<b>Mean Grade Point Average</b>	<b>All Students: 3.65</b>		<b>Male: 3.56</b>		<b>Female: 3.73</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	2.5	2.9	2.7	3.84	3.94	3.90
English	4.0	4.0	4.0	3.57	3.77	3.68
Foreign and Classical Languages	3.3	3.5	3.4	3.52	3.73	3.63
Mathematics	4.1	4.0	4.0	3.53	3.54	3.53
Natural Sciences	3.9	3.8	3.8	3.58	3.62	3.60
Social Sciences and History	3.8	3.9	3.9	3.61	3.71	3.67
<b>Total for All Subjects</b>	<b>21.6</b>	<b>22.1</b>	<b>21.8</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	3,640	82	44	56	611	616	593
19 or 19.5 Years	239	5	54	46	573	576	548
18 or 18.5 Years	204	5	47	52	550	561	534
17 or 17.5 Years	119	3	41	58	541	544	522
16 or 16.5 Years	70	2	49	50	549	572	533
15 or 15.5 Years	62	1	58	42	540	549	513
Less than 15 Years	87	2	56	44	520	534	496
Incomplete Response	1,047						

## 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	581	13	40	60	604	609	588
4 Years	3,519	77	46	54	603	610	585
3 Years	377	8	44	54	564	567	544
2 Years	50	1	64	36	563	577	539
1 Year	8	0	13	88	463	545	485
1/2 Year or Less	9	0	33	67	583	560	560
No Response	924						
<b>Course Work or Experience</b>							
American Literature	3,950	91	45	55	604	609	586
Composition	3,397	78	44	56	607	610	589
British Literature	1,635	38	43	57	625	625	609
World Literature*	1,777	41	45	55	616	615	597
English As Second Language	160	4	52	48	475	590	481
AP®/Honors Courses	2,480	55	41	59	634	631	614

<b>Mathematics</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	878	19	50	50	614	646	597
4 Years	2,993	66	45	55	602	607	584
3 Years	626	14	39	60	567	545	542
2 Years	47	1	51	49	582	541	548
1 Year	7	0	14	86	644	533	633
1/2 Year or Less	6	0	33	67	612	608	560
No Response	911						
<b>Course Work or Experience</b>							
Algebra	4,152	91	44	56	597	603	578
Geometry	3,906	86	44	56	595	600	577
Trigonometry	3,002	66	46	54	612	620	592
Precalculus	3,441	75	46	54	611	625	595
Calculus	2,656	58	49	51	628	651	612
Other Math Courses	1,165	26	45	55	608	617	588
AP/Honors Courses	2,374	52	47	53	632	653	616

\*The SAT Questionnaire was revised in July 2006 to more accurately reflect course titles that students are familiar with. Prior to July 2006, this course was labeled 'Literature, Other Country.' Users should exercise caution when comparing data for this course to last year's and next year's cohorts as it reflects responses to both labels depending on when a student filled out the SAT Questionnaire.

## Academic Information

### Course-Taking Patterns

Table 18: 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	Writing
More Than 4 Years	603	13	50	50	614	646	596
4 Years	2,863	63	46	53	606	613	589
3 Years	915	20	38	61	573	565	551
2 Years	131	3	44	56	569	559	550
1 Year	30	1	27	73	552	542	523
1/2 Year or Less	9	0	22	78	543	488	489
No Response	917						
<b>Course Work or Experience</b>							
Biology	4,471	98	45	55	601	606	582
Chemistry	4,316	95	45	55	602	609	584
Physics	3,439	76	48	51	610	622	592
Geology, Earth, or Space Science	2,093	46	45	55	589	591	569
Other Sciences	1,779	39	41	59	599	603	581
AP/Honors Courses	2,230	49	47	53	636	648	617

<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	Writing
More Than 4 Years	524	12	43	57	615	621	596
4 Years	3,037	67	45	55	603	608	584
3 Years	833	18	46	53	581	594	566
2 Years	119	3	55	45	579	583	547
1 Year	22	0	23	77	535	535	531
1/2 Year or Less	8	0	50	50	503	583	506
No Response	925						
<b>Course Work or Experience</b>							
U.S. History	4,381	96	45	55	600	607	583
World History or Cultures	3,147	69	45	55	593	600	575
U.S. Government or Civics	3,401	74	43	56	600	605	581
Economics	2,076	45	48	52	599	610	579
Geography	1,433	31	44	56	576	586	558
Psychology	1,822	40	39	61	601	606	583
European History	1,984	43	44	55	616	615	597
Sociology	877	19	40	60	589	592	569
Ancient History	882	19	46	54	597	594	578
Other Courses	1,342	29	40	60	609	608	590
AP/Honors Courses	2,349	52	42	58	635	633	614

## Academic Information

### Course-Taking Patterns

Table 19: 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>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	526	12	37	62	617	622	601
4 Years	2,057	45	41	59	620	622	606
3 Years	1,036	23	47	52	591	597	570
2 Years	730	16	55	45	562	574	535
1 Year	123	3	54	46	540	559	507
1/2 Year or Less	74	2	65	35	489	559	483
No Response	922						
<b>Course Work or Experience</b>							
Chinese	157	3	55	45	602	643	583
French	1,174	26	32	68	613	606	595
German	485	11	56	44	603	606	579
Greek	15	0	67	33	673	627	639
Hebrew	74	2	39	61	623	618	613
Italian	25	1	32	68	662	614	638
Japanese	109	2	52	48	599	600	569
Korean	21	0	38	62	470	635	474
Latin	313	7	52	47	634	625	614
Russian	39	1	56	44	571	600	561
Spanish	2,843	62	45	54	595	603	579
Other Languages	149	3	36	64	543	552	529
AP/Honors Courses	1,337	29	40	60	643	642	626

## 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	429	9	37	62	614	610	592
4 Years	1,412	31	40	60	614	613	597
3 Years	618	14	41	59	590	593	570
2 Years	801	18	44	56	590	601	575
1 Year	865	19	52	48	592	606	572
1/2 Year or Less	396	9	61	39	581	603	560
No Response	947						
<b>Course Work or Experience</b>							
Acting or Play Production	1,132	27	36	63	614	598	591
Art History or Appreciation	750	18	38	61	592	584	575
Dance	425	10	16	84	573	569	560
Drama: Study or Appreciation	687	17	33	66	601	582	580
Music: Study or Appreciation	862	21	46	54	615	611	596
Music Performance	2,494	60	41	59	609	612	590
Photography or Film	1,147	28	41	59	587	587	568
Studio Art and Design	1,343	32	38	62	597	594	578
None	264	6	71	29	554	593	540
AP/Honors Courses	537	12	38	62	639	629	616
<b>Computers</b>							
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	2,453	58	46	54	599	605	580
Computer Programming	632	15	67	33	596	624	577
Word Processing	2,831	67	45	55	598	604	579
Internet Activity	2,158	51	46	53	602	609	583
Using Computer Graphics	1,238	29	51	49	596	607	576
Creating Spreadsheets/Databases	1,338	32	49	50	606	619	589
None	817	19	37	63	604	602	587

## 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
1,733	4,460	1,385	659	674	647

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	174	10
2	587	34
3	824	48
4 or More	148	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 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>										
Writing*	2									
Literature	729	648	93	566	677	84	654	81	661	82
<b>History and Social Studies</b>										
U.S. History	698	651	94	570	678	83	669	77	662	80
World History	75	642	102	67	680	83	657	75	657	81
<b>Mathematics</b>										
Mathematics Level 1	417	633	86	291	634	98	651	74	626	88
Mathematics Level 2	1,025	690	85	857	662	95	700	67	653	87
<b>Science</b>										
Biology-E	185	651	76	153	666	76	676	74	652	73
Biology-M	232	680	77	203	683	77	696	61	664	78
Chemistry	448	647	95	355	661	96	697	69	652	85
Physics	207	677	84	175	666	91	723	62	650	87
<b>Foreign and Classical Languages</b>										
Chinese/Listening	22	740		19	556		656		565	
French	97	630	108	84	686	71	675	72	678	68
French/Listening	30	636	107	29	673	72	658	89	657	62
German	13	555		9	706		676		677	
German/Listening	8	544		7	643		663		640	
Modern Hebrew	5	524		5	700		690		684	
Italian										
Japanese/Listening	6	600		5	628		652		598	
Korean/Listening	12	770		10	528		707		533	
Latin	17	623		14	707		721		716	
Spanish	194	598	108	155	659	83	666	78	653	82
Spanish/Listening	38	613	106	35	665	92	652	82	651	78

\*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; 2007 is the last year for which scores for the SAT Subject Test in Writing will be reported.

## 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			103	14	107	15	16	21
700–749			159	22	138	20	11	15
650–699	2	100	146	20	151	22	9	12
600–649			125	17	131	19	10	13
550–599			94	13	77	11	13	17
500–549			55	8	44	6	10	13
450–499			20	3	31	4	5	7
400–449			19	3	10	1	1	1
350–399			7	1	7	1		
300–349			1	0	2	0		
250–299								
200–249								
Total	2		729		698		75	
Mean			648		651		642	
SD			93		94		102	
75th percentile			720		720		720	
50th percentile			660		660		640	
25th percentile			590		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	26	6	334	33	19	10	50	22	81	18	53	26
700–749	94	23	205	20	32	17	58	25	65	15	41	20
650–699	84	20	155	15	55	30	55	24	95	21	36	17
600–649	93	22	171	17	42	23	39	17	77	17	38	18
550–599	49	12	105	10	17	9	17	7	61	14	25	12
500–549	43	10	41	4	14	8	8	3	35	8	13	6
450–499	15	4	14	1	5	3	3	1	26	6	1	0
400–449	12	3			1	1	1	0	8	2		
350–399	1	0										
300–349							1	0				
250–299												
200–249												
Total	417		1,025		185		232		448		207	
Mean	633		690		651		680		647		677	
SD	86		85		76		77		95		84	
75th percentile	700		770		710		730		720		750	
50th percentile	640		700		660		690		650		680	
25th percentile	580		630		600		640		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	16	73	18	19	6	20						
700–749			15	15	5	17	1	8	1	13		
650–699	2	9	13	13	5	17	2	15				
600–649	2	9	14	14	4	13	1	8	1	13	1	20
550–599	2	9	11	11	3	10	4	31	1	13		
500–549			12	12	4	13	2	15	3	38	2	40
450–499			10	10	1	3	1	8	2	25	2	40
400–449			3	3	1	3	2	15				
350–399			1	1	1	3						
300–349												
250–299												
200–249												
Total	22		97		30		13		8		5	
Mean	740		630		636		555		544		524	
SD			108		107							
75th percentile	800		730		720							
50th percentile	780		630		650							
25th percentile	670		540		540							

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			2	33	10	83	2	12	14	7	6	16
700–749			1	17	1	8	2	12	26	13	2	5
650–699							3	18	32	16	3	8
600–649							4	24	37	19	15	39
550–599					1	8	1	6	28	14	5	13
500–549							4	24	18	9	2	5
450–499			2	33					19	10	3	8
400–449			1	17			1	6	10	5		
350–399									9	5	1	3
300–349									1	1	1	3
250–299												
200–249												
Total			6		12		17		194		38	
Mean			600		770		623		598		613	
SD									108		106	
75th percentile									680		670	
50th percentile									610		620	
25th percentile									530		550	

## College Plans

Table 27: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	12	0	548	583	540
Architecture and Related Services	73	2	578	605	568
Area, Ethnic, Cultural and Gender Studies	10	0	653	558	614
Biological and Biomedical Sciences	301	8	621	629	597
Business Management, Marketing, and Related Support Services	443	12	546	586	540
Communication, Journalism and Related Programs	149	4	589	566	575
Computer and Information Sciences and Support Services	90	2	586	625	556
Construction Trades	2	0			
Education	122	3	569	574	561
Engineering	431	12	601	653	579
Engineering Technologies/Technicians	10	0	550	593	518
English Language and Literature/Letters	134	4	653	595	636
Family and Consumer Sciences/Human Sciences	1	0			
Foreign Languages, Literatures, and Linguistics	79	2	645	599	625
Health Professions and Related Clinical Services	493	14	578	595	567
History	57	2	651	599	617
Legal Professions and Studies	65	2	604	587	599
Liberal Arts and Sciences, General Studies, and Humanities	36	1	612	608	592
Library Science/Librarianship	1	0			
Mathematics and Statistics	55	2	624	682	603
Mechanic and Repair Technologies/Technician	3	0			
Military Sciences	20	1	624	640	584
Multi/Interdisciplinary Studies	16	0	606	611	565
Natural Resources and Conservation	17	0	612	595	586
Parks, Recreation, Leisure and Fitness Studies	5	0	440	512	478
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	20	1	648	620	616
Physical Sciences	125	3	640	668	615
Precision Production	1	0			
Psychology	128	4	594	565	563
Public Administration and Social Services Professions	24	1	596	566	569
Security and Protective Services	22	1	534	539	511
Social Sciences	194	5	636	611	617
Theology and Religious Vocations	9	0	611	602	583
Transportation and Materials Moving	1	0			
Visual and Performing Arts	370	10	592	570	569
Other	6	0	527	480	512
Undecided	123	3	607	614	578
<b>Degree-Level Goal</b>					
Certificate Program	17	0	536	568	520
Associate Degree	13	0	502	508	469
Bachelor's Degree	949	19	558	560	537
Master's Degree	1,384	28	593	605	575
Doctoral or Related Degree	1,394	28	622	629	604
Other	13	0	509	523	498
Undecided	1,163	24	607	610	588

## College Plans

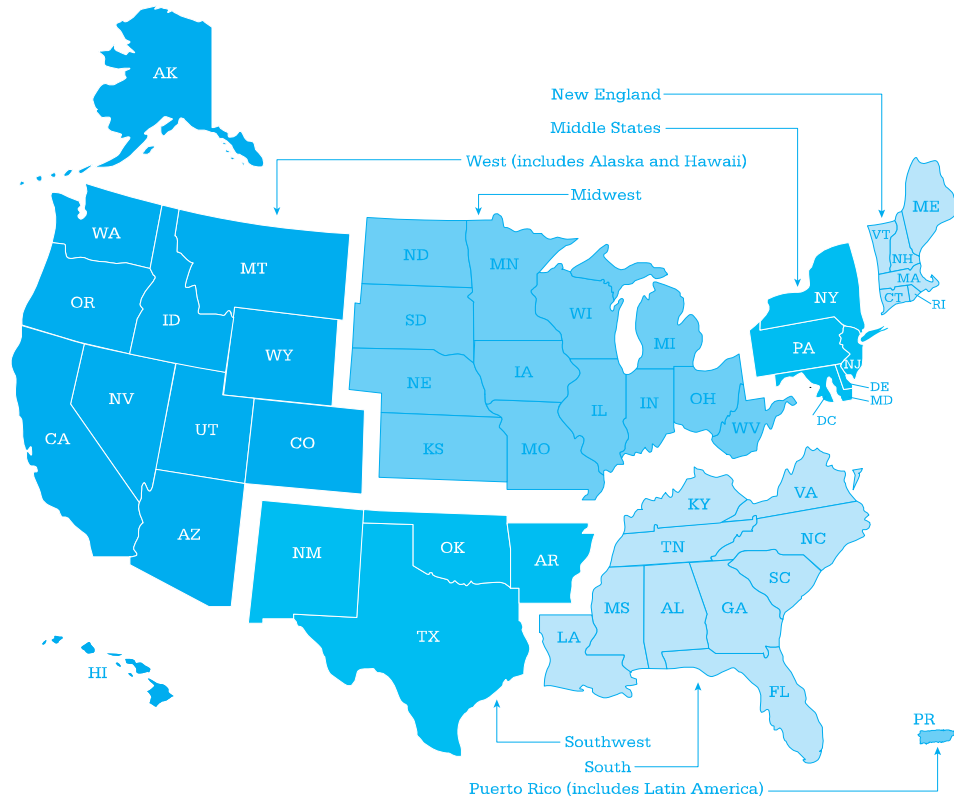
**Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 5,816 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 4,229 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 1,081 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 MINNESOTA MINNEAPOLIS	MN	Public	1,833	43.3
UNIVERSITY OF WISCONSIN MADISON	WI	Public	982	23.2
NORTHWESTERN UNIVERSITY	IL	Private	549	13.0
CARLETON COLLEGE	MN	Private	401	9.5
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	396	9.4
SAINT OLAF COLLEGE	MN	Private	385	9.1
STANFORD UNIVERSITY	CA	Private	381	9.0
UNIVERSITY OF MINNESOTA DULUTH	MN	Public	347	8.2
UNIVERSITY OF SAINT THOMAS MN	MN	Private	340	8.0
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	324	7.7
MACALESTER COLLEGE	MN	Private	316	7.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	281	6.6
NEW YORK UNIVERSITY	NY	Private	270	6.4
UNIVERSITY OF CHICAGO	IL	Private	261	6.2
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	260	6.1
YALE UNIVERSITY	CT	Private	251	5.9
CORNELL UNIVERSITY	NY	Private	249	5.9
BOSTON UNIVERSITY	MA	Private	244	5.8
WASHINGTON UNIVERSITY	MO	Private	237	5.6
PRINCETON UNIVERSITY	NJ	Private	236	5.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	223	5.3
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	214	5.1
BOSTON COLLEGE	MA	Private	214	5.1
GUSTAVUS ADOLPHUS COLLEGE	MN	Private	199	4.7
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	196	4.6
GEORGETOWN UNIVERSITY	DC	Private	190	4.5
BROWN UNIVERSITY	RI	Private	188	4.4
UNIVERSITY OF NOTRE DAME	IN	Private	186	4.4
DARTMOUTH COLLEGE	NH	Private	185	4.4
IOWA STATE UNIVERSITY	IA	Public	169	4.0
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	157	3.7
DUKE UNIVERSITY	NC	Private	148	3.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	143	3.4
HAMLIN UNIVERSITY	MN	Private	141	3.3
COLLEGE OF SAINT BENEDICT/SAINT JOHN'S U	MN	Private	130	3.1
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	130	3.1
SAINT CLOUD STATE UNIVERSITY	MN	Public	122	2.9
UNIVERSITY OF COLORADO BOULDER	CO	Public	120	2.8
UNIVERSITY OF MINNESOTA MORRIS	MN	Public	109	2.6
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	108	2.6
BETHEL UNIVERSITY	MN	Private	108	2.6
JOHNS HOPKINS UNIVERSITY	MD	Private	107	2.5
DEPAUL UNIVERSITY	IL	Private	107	2.5
MIDDLEBURY COLLEGE	VT	Private	105	2.5
CARNEGIE MELLON UNIVERSITY	PA	Private	105	2.5

\*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.

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