



2008 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**

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## The SAT® Program

The SAT Reasoning Test™ (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2008* includes students who tested through March 2008.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2008 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors;
- study changes over time in the characteristics of students taking SAT tests; and
- look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- interpreting SAT Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT Reasoning Test mean scores reported for students will be higher than the national average.

## Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at [www.collegeboard.com](http://www.collegeboard.com).

### Mean

The *mean* is the arithmetic average.

### Percentile

The *percentile*, also called the percentile point, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the median and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

### Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200–800 scale.

### Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

## The College Board: Connecting Students to College Success

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment, and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities, and concerns.

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

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

# Total Group Mean SAT Reasoning Test Scores

## College-Bound Seniors, 1972–2008

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494

NOTE: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2008, all scores are reported on the recentered scale.

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## SAT Reasoning Test™ Data

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

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Total	5,080	596	103	609	98	579	100	58.0	10.3	7.9	1.5

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Male	2,418	599	106	629	95	572	101	57.5	10.2	7.7	1.6
Female	2,660	593	101	591	97	586	100	58.5	10.3	8.0	1.4
No Response**	2										

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		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Senior (2007-2008)	1,913	580	111	601	105	565	105	56.7	10.8	7.7	1.6
Junior (2006-2007)	3,143	605	97	614	94	589	96	58.8	9.8	8.0	1.5
Sophomore (2005-2006)	21	556		548		540		54.3		7.8	
Freshman (2004-2005)	3										
Total	5,080	596	103	609	98	579	100	58.0	10.3	7.9	1.5

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

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 5,080 students in this report, 5,077 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

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

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

## SAT Reasoning Test Data

**Table 5: Percentiles for State and Total Group**

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	670	680	650	580	590	570
50th	600	610	580	500	510	490
25th	530	540	510	420	430	420

**Table 6: Score Distributions**

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	174	155	329	296	137	433	104	142	246
700–740	282	262	544	315	232	547	167	250	417
650–690	366	423	789	509	462	971	321	412	733
600–640	483	520	1,004	456	505	961	428	464	892
550–590	396	466	863	398	494	892	447	460	909
500–540	321	386	707	212	413	625	411	418	829
450–490	201	246	447	133	208	341	291	300	591
400–440	107	119	226	65	139	206	147	133	280
350–390	53	58	111	28	44	72	62	58	120
300–340	26	13	39	6	22	28	29	17	46
250–290	8	11	19		2	2	7	3	10
200–240	1	1	2		2	2	3	1	4

**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	3,506	75	47	53	599	610	579
Religiously Affiliated	823	18	50	50	575	608	573
Independent	372	8	46	54	615	630	614
Other or Unknown	379						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	5,010	99	596	103	609	98	580	101
Nonstandard Conditions	70	1	581	92	590	105	566	90

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	15	0	539		545		514	
Asian, Asian American, or Pacific Islander	497	10	542	131	641	102	551	123
Black or African American	167	3	523	107	520	101	501	98
Mexican or Mexican American	42	1	558	88	558	115	529	96
Puerto Rican	8	0	588		515		564	
Other Hispanic, Latino, or Latin American	65	1	570	103	562	107	542	103
White	3,939	78	607	95	612	94	588	95
Other	114	2	566	109	585	103	549	103
No Response	233	5	609	105	590	91	584	99
Total	5,080	100	596	103	609	98	579	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	7	0	553		579		553	
Asian, Asian American, or Pacific Islander	214	4	538	138	657	105	538	128
Black or African American	86	2	526	109	547	102	502	108
Mexican or Mexican American	22	0	560		591		535	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	30	1	585	114	595	108	552	115
White	1,910	38	610	96	631	91	581	94
Other	48	1	564	129	623	108	536	116
No Response	98	2	611	114	617	86	583	100
Total	2,418	48	599	106	629	95	572	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	8	0	528		516		480	
Asian, Asian American, or Pacific Islander	283	6	544	126	629	98	561	118
Black or African American	81	2	520	105	492	93	500	87
Mexican or Mexican American	20	0	555		522		523	
Puerto Rican	5	0	602		528		594	
Other Hispanic, Latino, or Latin American	35	1	557	90	533	98	533	92
White	2,027	40	604	94	594	94	596	95
Other	66	1	567	92	557	91	558	91
No Response	135	3	607	97	570	91	584	97
Total	2,660	52	593	101	591	97	586	100

## 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	5,080	100	596	103	609	98	579	100
<b>First Language Learned</b>								
English	4,029	86	602	96	605	96	581	95
English and Another	345	7	560	111	598	109	555	111
Another Language	302	6	507	132	631	104	524	121
No Response	404							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	4,351	94	600	97	605	97	581	96
U.S. Permanent Resident or Refugee	96	2	566	132	617	121	567	125
Citizen of Another Country	166	4	433	103	632	99	464	103
Other, Unknown, or No Response	467							
<b>Disabling Condition</b>								
Yes	251	5	594	101	581	109	562	94
Unknown or No Response	4,829							
<b>Plans to Apply for Financial Aid</b>								
Yes	2,966	69	596	103	605	98	576	99
No	439	10	590	92	605	98	580	96
Don't Know	877	20	588	106	613	96	575	101
<b>Family Income</b>								
\$0 - \$20,000	99	3	530	121	580	102	524	85
\$20,000–\$40,000	200	6	555	119	575	112	539	112
\$40,000–\$60,000	326	10	577	106	581	100	552	96
\$60,000–\$80,000	440	14	597	101	602	99	579	100
\$80,000–\$100,000	535	17	594	102	603	98	570	101
\$100,000–\$120,000	457	14	598	95	606	93	577	96
\$120,000–\$140,000	226	7	601	90	619	94	579	92
\$140,000–\$160,000	193	6	607	94	613	86	585	88
\$160,000–\$200,000	234	7	600	93	617	94	584	93
More than \$200,000	458	14	608	91	623	93	598	89
No Response	1,912							
<b>Highest Level of Parental Education</b>								
No High School Diploma	33	1	500	117	546	131	495	118
High School Diploma	487	11	546	105	570	98	529	97
Associate Degree	223	5	551	92	561	100	524	93
Bachelor's Degree	1,623	37	587	98	601	94	570	94
Graduate Degree	2,064	47	616	98	626	95	599	96
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	2,034	49	601	97	614	92	581	94
Yes, As a Sophomore or Younger	580	14	586	95	589	99	566	92
Yes, As a Junior and As a Sophomore or Younger	1,004	24	629	93	635	93	617	92
No	561	13	525	105	560	102	507	94

## Academic Information

### Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	1,540	51	44	56	638	659	625
Second Tenth	783	26	46	54	587	604	569
Second Fifth	397	13	56	44	557	567	531
Final Three Fifths	317	10	55	44	519	528	494
No Response	2,043						

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)	574	13	43	57	660	679	649
A (93–96)	1,489	33	42	58	623	643	611
A- (90–92)	1,005	22	47	53	586	600	569
B (80–89)	1,338	29	54	46	547	552	525
C (70–79)	164	4	70	30	512	516	483
D, E, or F (below 70)	4	0	75	0			
No Response	506						
<b>Mean Grade Point Average</b>	<b>All Students: 3.64</b>		<b>Male: 3.56</b>		<b>Female: 3.71</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	2.6	2.9	2.8	3.84	3.93	3.89
English and Language Arts	4.0	4.0	4.0	3.56	3.76	3.67
Foreign and Classical Languages	3.3	3.5	3.4	3.53	3.71	3.63
Mathematics	4.1	4.0	4.0	3.52	3.55	3.53
Natural Sciences	3.9	3.8	3.8	3.57	3.62	3.60
Social Sciences and History	3.9	3.9	3.9	3.62	3.70	3.66
<b>Total for All Subjects</b>	<b>21.8</b>	<b>22.1</b>	<b>21.9</b>			

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	451	11	42	58	603	615	586
4 Years	3,193	80	47	53	599	610	582
3 Years	302	8	48	52	549	573	531
2 Years	42	1	55	45	535	561	520
1 Year	8	0	88	13	460	635	525
1/2 Year or Less	6	0	50	50	490	600	508
No Response	1,078						
<b>Course Work or Experience</b>							
English/Language Arts	3,603	93	46	54	599	609	581
Journalism	486	13	39	61	585	587	568
Creative Writing	1,252	32	42	58	584	587	568
American Literature	2,771	71	46	54	601	611	584
Composition/Writing	2,176	56	47	53	595	606	578
British Literature	954	25	43	57	609	613	593
World Literature	1,822	47	47	53	603	611	586
Communications	835	22	42	58	582	594	567
Public Speaking	1,303	34	44	56	592	603	575
English As Second Language	174	4	37	63	472	606	484
AP®/Honors Courses	2,219	55	42	58	631	634	612

<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
More Than 4 Years	813	20	52	48	610	656	594
4 Years	2,622	65	46	54	599	607	581
3 Years	523	13	40	60	556	541	539
2 Years	41	1	54	46	538	529	515
1 Year	7	0	71	29	479	650	541
1/2 Year or Less	4	0	50	50			
No Response	1,070						
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	2,326	58	49	51	623	652	607
Pre-calculus	901	22	43	57	576	577	557
Trigonometry	240	6	43	57	548	537	536
Algebra II	433	11	41	59	537	502	516
Algebra I	44	1	39	61	485	459	468
AP/Honors Courses	2,214	55	48	52	625	650	608

\*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

<b>Natural Sciences</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	512	13	53	47	613	652	595
4 Years	2,517	63	47	53	602	614	586
3 Years	817	20	41	59	570	567	553
2 Years	112	3	49	50	561	556	527
1 Year	21	1	43	57	504	556	515
1/2 Year or Less	12	0	75	25	514	553	500
No Response	1,089						
<b>Course Work or Experience</b>							
Biology	3,886	99	46	54	597	608	580
Chemistry	3,726	94	46	54	598	611	581
Physics	2,958	75	49	51	606	624	588
Geology, Earth, or Space Science	1,961	50	48	52	581	595	562
Other Sciences	1,486	38	42	58	600	605	580
AP/Honors Courses	1,919	48	48	52	631	648	611

<b>Social Sciences and History</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	406	10	48	52	609	625	585
4 Years	2,764	69	47	53	601	610	584
3 Years	719	18	45	55	570	592	555
2 Years	84	2	44	55	557	568	549
1 Year	15	0	60	40	455	619	488
1/2 Year or Less	6	0	67	33	528	550	498
No Response	1,086						
<b>Course Work or Experience</b>							
U.S. History	3,729	95	46	54	598	610	581
World History or Cultures	3,031	77	47	53	593	605	576
U.S. Government or Civics	2,920	74	46	54	598	607	579
Economics	2,150	55	47	53	597	614	579
Geography	1,231	31	47	53	586	602	566
Psychology	1,481	38	40	60	599	604	578
European History	1,580	40	46	54	610	616	592
Sociology	651	17	38	62	568	580	553
Ancient History	904	23	47	53	597	602	579
Other Courses	924	23	42	58	607	610	587
AP/Honors Courses	2,082	52	45	55	632	636	612

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

<b>Foreign and Classical Languages</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	431	11	38	62	614	631	603	
4 Years	1,766	44	44	56	617	625	604	
3 Years	957	24	47	53	586	595	563	
2 Years	657	16	54	46	562	577	538	
1 Year	104	3	56	44	532	569	510	
1/2 Year or Less	80	2	60	38	471	551	471	
No Response	1,085							
<b>Course Work or Experience</b>								
Chinese	152	4	52	48	573	628	566	
French	919	23	33	67	612	603	596	
German	425	11	57	43	608	618	580	
Greek	13	0	38	62	638	660	619	
Hebrew	20	1	40	60	631	594	635	
Italian	10	0	20	80	565	546	565	
Japanese	86	2	52	48	593	635	567	
Korean	24	1	29	71	498	659	525	
Latin	272	7	52	48	629	617	606	
Russian	16	0	44	56	591	589	574	
Spanish	2,415	61	47	53	592	605	577	
Other Languages	131	3	34	66	561	581	539	
AP/Honors Courses	1,152	29	42	58	637	643	622	

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	363	9	39	61	606	608	587
4 Years	1,252	32	43	57	613	613	598
3 Years	542	14	38	62	585	591	569
2 Years	779	20	45	55	584	602	565
1 Year	839	21	57	43	590	619	570
1/2 Year or Less	189	5	62	38	553	590	540
No Response	1,116						
<b>Course Work or Experience</b>							
Acting or Play Production	1,120	29	36	64	617	604	596
Art History or Appreciation	641	17	40	60	590	582	570
Dance	455	12	14	86	581	572	569
Drama: Study or Appreciation	699	18	36	64	606	588	586
Music: Study or Appreciation	696	18	46	54	608	605	592
Music Performance	2,340	61	45	55	610	617	593
Photography or Film	1,046	27	40	60	586	591	567
Studio Art and Design	1,158	30	39	61	595	601	577
None	263	7	68	32	557	598	542
AP/Honors Courses	450	11	36	64	624	625	609

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	2,270	62	47	53	597	608	579
Computer Programming	609	17	66	34	600	630	576
Word Processing	2,603	71	46	54	597	606	579
Internet Activity	1,973	54	48	52	597	608	578
Using Computer Graphics	1,148	31	54	46	590	602	568
Creating Spreadsheets/Databases	1,216	33	51	49	599	617	581
None	588	16	42	58	602	611	587

## SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
1,840	4,646	1,406	651	675	641

  

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	208	11
2	646	35
3	826	45
4 or More	160	9

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

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

	SAT Subject Test			SAT Reasoning Test							
	N	Mean	SD	N	Critical Reading		Mathematics		Writing		
<b>English</b>					Mean	SD	Mean	SD	Mean	SD	
Literature	702	646	89	540	673	76	657	78	660	82	
<b>History and Social Studies</b>											
U.S. History	750	654	89	572	671	75	667	78	656	82	
World History	93	627	95	72	680	89	665	87	653	90	
<b>Mathematics</b>											
Mathematics Level 1	503	641	81	342	625	89	658	71	619	81	
Mathematics Level 2	1,036	694	86	830	655	98	704	66	650	90	
<b>Science</b>											
Biology-E	167	640	91	125	655	86	674	79	649	84	
Biology-M	202	668	85	169	672	89	698	74	663	91	
Chemistry	481	649	93	368	651	97	707	69	644	88	
Physics	217	671	84	182	648	103	720	63	633	98	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	33	725	105	32	554	135	686	68	576	130	
French	130	631	117	102	669	82	656	81	674	82	
French/Listening	18	656		14	673		674		661		
German	14	541		14	632		646		639		
German/Listening	10	547		10	655		664		651		
Modern Hebrew	3			2							
Italian	1			1							
Japanese/Listening	11	658		9	652		706		584		
Korean/Listening	12	783		12	493		676		549		
Latin	22	630		21	713		699		702		
Spanish	192	600	111	148	660	85	666	80	661	85	
Spanish/Listening	49	591	105	37	662	84	654	60	647	72	

## SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	106	15	115	15	11	12
700-740	122	17	169	23	11	12
650-690	159	23	164	22	22	24
600-640	123	18	124	17	12	13
550-590	100	14	78	10	19	20
500-540	40	6	52	7	8	9
450-490	39	6	35	5	6	6
400-440	11	2	11	1	4	4
350-390	1	0	2	0		
300-340	1	0				
250-290						
200-240						
Total	702		750		93	
Mean	646		654		627	
SD	89		89		95	
75th percentile	710		720		680	
50th percentile	650		670		620	
25th percentile	590		600		570	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	26	5	367	35	21	13	33	16	92	19	41	19
700-740	127	25	205	20	31	19	53	26	76	16	59	27
650-690	108	21	164	16	32	19	49	24	90	19	41	19
600-640	110	22	155	15	34	20	23	11	79	16	31	14
550-590	70	14	84	8	21	13	24	12	68	14	26	12
500-540	30	6	41	4	18	11	13	6	48	10	14	6
450-490	23	5	16	2	7	4	6	3	20	4	4	2
400-440	7	1			3	2			8	2	1	0
350-390	2	0	4	0			1	0				
300-340												
250-290												
200-240												
Total	503		1,036		167		202		481		217	
Mean	641		694		640		668		649		671	
SD	81		86		91		85		93		84	
75th percentile	710		770		710		730		730		730	
50th percentile	650		710		640		680		660		680	
25th percentile	590		630		580		610		580		610	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	22	67	28	22	7	39	1	7			1	33
700-740	2	6	19	15	2	11	1	7	1	10		
650-690	1	3	14	11	1	6	1	7				
600-640	1	3	19	15	2	11	1	7	2	20		
550-590	4	12	20	15	1	6	2	14	4	40		
500-540	2	6	8	6	4	22	2	14				
450-490	1	3	9	7	1	6	2	14				
400-440			12	9			3	21	2	20	1	33
350-390			1	1					1	10	1	33
300-340							1	7				
250-290												
200-240												
Total	33		130		18		14		10		3	
Mean	725		631		656		541		547			
SD	105		117									
75th percentile	800		740									
50th percentile	780		630									
25th percentile	610		550									

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	100	4	36	11	92	4	18	23	12	4	8
700-740			1	9			2	9	15	8	5	10
650-690			3	27	1	8	4	18	31	16	5	10
600-640			1	9			5	23	31	16	8	16
550-590							3	14	32	17	10	20
500-540							2	9	28	15	9	18
450-490							1	5	14	7	4	8
400-440			1	9			1	5	11	6	2	4
350-390			1	9					6	3	2	4
300-340									1	1		
250-290												
200-240												
Total	1		11		12		22		192		49	
Mean			658		783		630		600		591	
SD									111		105	
75th percentile							680		680		660	
50th percentile							620		600		570	
25th percentile							550		520		520	

## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	16	0	571	559	542
Architecture and Related Services	82	2	547	603	551
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	303	9	607	625	587
Business Management, Marketing, and Related Support Services	419	12	543	591	535
Communication, Journalism and Related Programs	110	3	590	572	577
Computer and Information Sciences and Support Services	94	3	612	649	569
Construction Trades					
Education	103	3	564	572	554
Engineering	409	12	599	650	574
Engineering Technologies/Technicians	26	1	519	597	487
English Language and Literature/Letters	117	3	649	589	622
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	68	2	631	602	610
Health Professions and Related Clinical Services	464	13	582	599	572
History	67	2	627	583	588
Legal Professions and Studies	85	2	607	598	581
Liberal Arts and Sciences, General Studies, and Humanities	58	2	613	592	591
Library Science/Librarianship					
Mathematics and Statistics	82	2	614	690	602
Mechanic and Repair Technologies/Technician	6	0	522	543	495
Military Sciences	5	0	554	590	530
Multi/Interdisciplinary Studies	17	0	654	659	649
Natural Resources and Conservation	21	1	618	605	580
Parks, Recreation, Leisure and Fitness Studies	2	0			
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	11	0	628	628	624
Physical Sciences	124	4	645	670	609
Precision Production					
Psychology	128	4	579	571	560
Public Administration and Social Services Professions	7	0	566	517	554
Security and Protective Services	10	0	514	571	512
Social Sciences	151	4	656	627	629
Theology and Religious Vocations	8	0	615	630	601
Transportation and Materials Moving	1	0			
Visual and Performing Arts	330	9	599	571	580
Other	21	1	581	573	541
Undecided	169	5	608	614	599
<b>Degree-Level Goal</b>					
Certificate Program	14	0	494	541	465
Associate Degree	10	0	492	504	456
Bachelor's Degree	821	19	559	569	541
Master's Degree	1,211	28	593	611	576
Doctoral or Related Degree	1,236	29	616	628	599
Other	9	0	553	528	548
Undecided	1,024	24	598	609	580

## College Plans

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

Of the 5,514 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 4,083 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 1,019 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	1,872	45.8
UNIVERSITY OF WISCONSIN MADISON	WI	Public	905	22.2
NORTHWESTERN UNIVERSITY	IL	Private	534	13.1
CARLETON COLLEGE	MN	Private	409	10.0
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	378	9.3
SAINT OLAF COLLEGE	MN	Private	369	9.0
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	363	8.9
STANFORD UNIVERSITY	CA	Private	359	8.8
UNIVERSITY OF SAINT THOMAS MN	MN	Private	327	8.0
CORNELL UNIVERSITY	NY	Private	304	7.4
YALE UNIVERSITY	CT	Private	288	7.1
MACALESTER COLLEGE	MN	Private	287	7.0
UNIVERSITY OF MINNESOTA DULUTH	MN	Public	284	7.0
NEW YORK UNIVERSITY	NY	Private	283	6.9
PRINCETON UNIVERSITY	NJ	Private	283	6.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	277	6.8
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	267	6.5
UNIVERSITY OF CHICAGO	IL	Private	255	6.2
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	253	6.2
BOSTON UNIVERSITY	MA	Private	239	5.9
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	231	5.7
BOSTON COLLEGE	MA	Private	224	5.5
BROWN UNIVERSITY	RI	Private	217	5.3
WASHINGTON UNIVERSITY	MO	Private	217	5.3
GEORGETOWN UNIVERSITY	DC	Private	212	5.2
DARTMOUTH COLLEGE	NH	Private	204	5.0
UNIVERSITY OF NOTRE DAME	IN	Private	201	4.9
GUSTAVUS ADOLPHUS COLLEGE	MN	Private	178	4.4
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	176	4.3
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	172	4.2
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	162	4.0
IOWA STATE UNIVERSITY	IA	Public	147	3.6
COLLEGE OF SAINT BENEDICT/SAINT JOHN'S U	MN	Private	144	3.5
DUKE UNIVERSITY	NC	Private	139	3.4
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	138	3.4
HAMLIN UNIVERSITY	MN	Private	131	3.2
CARNEGIE MELLON UNIVERSITY	PA	Private	125	3.1
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	114	2.8
TUFTS UNIVERSITY	MA	Private	111	2.7
UNIVERSITY OF COLORADO BOULDER	CO	Public	110	2.7
NORTH DAKOTA STATE UNIVERSITY FARGO	ND	Public	108	2.6
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	105	2.6
GEORGE WASHINGTON UNIVERSITY	DC	Private	104	2.5
SAINT CLOUD STATE UNIVERSITY	MN	Public	103	2.5
GRINNELL COLLEGE	IA	Private	102	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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