



2011 College-Bound Seniors

# State Profile Report

MINNESOTA

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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# The SAT® Program

The SAT® (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 2011* includes students who tested through June 2011.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2011 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 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.
- Look at 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 and in schoolwork.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT 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 scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT 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 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.org](http://www.collegeboard.org).

### 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 to 800 point 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: Inspiring Minds™

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 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 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 Scores

## College-Bound Seniors, 1972–2011

<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	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

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 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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## SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	4,472	593	110	608	103	577	106	57.8	10.9	8.0	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	2,089	598	111	630	103	571	108	57.6	11.0	7.8	1.5
Female	2,383	588	108	588	98	581	105	58.0	10.8	8.1	1.3

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	1,691	570	122	596	109	557	113	55.9	11.6	7.8	1.5
Junior (2009-2010)	2,745	608	98	616	98	590	100	59.1	10.2	8.1	1.4
Sophomore (2008-2009)	33	536	78	568	89	527	85	52.6	8.7	7.5	1.4
Freshman (2007-2008)	3										
Total	4,472	593	110	608	103	577	106	57.8	10.9	8.0	1.4

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	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

## SAT 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 Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	670	680	650	570	600	560
50th	600	610	580	490	510	480
25th	520	540	510	420	430	410

**Table 6: Score Distributions**

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit [www.collegeboard.org/sat-skills](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	406	384	790	593	328	921	252	351	603
600–690	739	808	1,547	803	844	1,647	654	773	1,427
500–590	569	718	1,287	464	803	1,267	692	741	1,433
400–490	278	376	654	185	325	510	363	425	788
300–390	85	81	166	38	79	117	111	80	191
200–290	12	16	28	6	4	10	17	13	30

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	3,082	73	45	55	601	610	578
Religiously Affiliated	759	18	51	49	566	607	572
Independent	387	9	52	48	599	623	601
Other or Unknown	244		43	57	569	555	543

**Table 8: Test-Taking Conditions**

\*Nonstandard conditions\* reflect test-takers who received an accommodation. \*Disabling conditions\* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	196	4	583	108	574	110	551	107
Nonstandard Conditions	82	2	579	90	590	105	569	98

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT 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	17	0	510		507		473	
Asian, Asian American, or Pacific Islander	611	14	545	134	646	102	555	122
Black or African American	176	4	507	113	504	108	492	107
Mexican or Mexican American	49	1	548	119	559	121	531	119
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	67	1	534	102	545	103	520	102
White	3,315	74	609	97	611	96	589	98
Other	117	3	590	115	580	117	568	118
No Response	116	3	575	122	577	108	543	118
Total	4,472	100	593	110	608	103	577	106

Table 10: Male Mean Scores by Ethnicity

SAT 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	504		499		433	
Asian, Asian American, or Pacific Islander	311	7	553	137	669	97	562	123
Black or African American	81	2	511	114	520	118	489	110
Mexican or Mexican American	28	1	554	130	580	122	521	121
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	34	1	552	87	568	90	522	92
White	1,520	34	616	97	633	95	582	99
Other	46	1	613	120	630	115	581	129
No Response	60	1	562	132	592	118	520	130
Total	2,089	47	598	111	630	103	571	108

Table 11: Female Mean Scores by Ethnicity

SAT 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	10	0	514		513		501	
Asian, Asian American, or Pacific Islander	300	7	537	130	623	101	549	120
Black or African American	95	2	504	112	491	98	495	104
Mexican or Mexican American	21	0	540		530		544	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	33	1	516	113	522	110	518	112
White	1,795	40	604	97	592	92	595	97
Other	71	2	574	109	548	106	559	110
No Response	56	1	590	109	561	94	568	99
Total	2,383	53	588	108	588	98	581	105

## Demographic Information

### SAT: 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	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	4,472	100	593	110	608	103	577	106
<b>First Language Learned</b>								
English	3,572	81	606	99	607	99	586	100
English and Another	383	9	572	120	605	117	563	117
Another Language	438	10	503	130	623	114	520	124
No Response	79		575	121	588	122	554	125
<b>Citizenship</b>								
U.S. Citizen / U.S. National	3,952	92	605	101	607	101	585	102
U.S. Permanent Resident or Refugee	107	2	564	133	609	127	559	135
Citizen of Another Country	240	6	463	107	628	108	499	115
Other, Unknown, or No Response	173		511	123	589	113	513	113
<b>Plans to Apply for Financial Aid</b>								
Yes	2,888	74	595	107	604	102	575	105
No	337	9	609	104	624	95	599	101
Don't Know	689	18	582	115	614	105	577	110
No Response	558		584	118	610	106	574	111
<b>Family Income</b>								
\$0 - \$20,000	126	5	515	119	548	128	505	109
\$20,000–\$40,000	229	9	541	115	548	105	516	102
\$40,000–\$60,000	290	11	570	116	575	107	543	112
\$60,000–\$80,000	338	13	585	97	595	95	568	93
\$80,000–\$100,000	363	14	604	101	613	98	581	99
\$100,000–\$120,000	369	14	598	103	610	98	576	101
\$120,000–\$140,000	209	8	604	97	628	94	580	90
\$140,000–\$160,000	134	5	606	97	628	92	585	93
\$160,000–\$200,000	178	7	616	97	613	102	598	102
More than \$200,000	451	17	613	97	630	89	605	91
No Response	1,785		597	113	616	102	586	110
<b>Highest Level of Parental Education</b>								
No High School Diploma	49	1	451	131	529	154	449	124
High School Diploma	476	11	528	109	556	106	511	99
Associate Degree	208	5	549	96	560	99	527	88
Bachelor's Degree	1,694	39	592	103	609	97	573	100
Graduate Degree	1,879	44	625	99	630	95	611	97
No Response	166		521	129	568	114	506	118
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,878	45	606	105	618	98	587	100
Yes, As a Sophomore or Younger	662	16	590	100	600	100	573	100
Yes, As a Junior and As a Sophomore or Younger	893	21	634	96	642	88	622	94
No	747	18	532	110	554	111	512	106
No Response	292		548	115	595	99	544	108

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.



## Academic Information

### Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	1,332	55	45	55	646	665	632
Second Tenth	604	25	46	54	578	603	560
Second Fifth	308	13	56	44	545	570	525
Final Three Fifths	188	8	52	48	514	511	480
No Response	2,040		46	54	577	587	563

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	612	14	43	57	660	675	646
A (93–96)	1,443	34	43	57	625	647	616
A- (90–92)	943	22	47	53	587	602	573
B (80–89)	1,097	26	52	48	541	549	517
C (70–79)	135	3	56	44	500	484	457
D, E, or F (below 70)	10	0	100	0	499	528	447
No Response	232		48	52	543	562	523
<b>Mean Grade Point Average</b>	<b>All Students: 3.68</b>		<b>Male: 3.63</b>		<b>Female: 3.73</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.8	3.1	3.0	3.81	3.94	3.88
English and Language Arts	4.0	4.0	4.0	3.59	3.77	3.69
Foreign and Classical Languages	3.4	3.5	3.4	3.60	3.75	3.68
Mathematics	4.2	4.0	4.1	3.60	3.56	3.58
Natural Sciences	3.9	3.8	3.9	3.61	3.61	3.61
Social Sciences and History	3.9	3.9	3.9	3.64	3.71	3.68
<b>Total for All Subjects</b>	<b>22.2</b>	<b>22.3</b>	<b>22.3</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 Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	674	18	45	55	605	621	591	
4 Years	2,662	70	47	53	604	614	585	
3 Years	340	9	42	58	542	563	529	
2 Years	69	2	43	57	549	592	547	
1 Year	31	1	52	48	513	553	505	
1/2 Year or Less	10	0	40	60	460	539	450	
No Response	686		49	51	574	596	561	
AP®/Honors Courses	2,212	58	43	57	633	635	614	
<b>Course Work or Experience</b>								
English/Language Arts	3,360	95	45	55	600	610	583	
Journalism	389	11	36	64	595	596	583	
Creative Writing	1,116	31	39	61	592	590	576	
American Literature	2,683	76	45	55	602	610	586	
Composition/Writing	2,374	67	44	56	597	608	581	
British Literature	904	25	43	57	613	616	597	
World Literature	1,642	46	44	56	599	607	585	
Communications	728	21	48	52	589	608	572	
Public Speaking	1,216	34	43	57	594	605	577	
English As Second Language	241	7	49	51	482	610	501	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,107	29	53	47	613	649	598	
4 Years	2,120	56	45	55	600	605	582	
3 Years	471	12	37	63	554	549	537	
2 Years	62	2	42	58	548	580	541	
1 Year	21	1	48	52	482	583	482	
1/2 Year or Less	13	0	31	69	512	508	487	
No Response	678		50	50	574	596	560	
AP/Honors Courses	2,241	59	49	51	630	655	613	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,917	52	51	49	625	659	612	
Pre-calculus	976	27	44	56	580	585	564	
Trigonometry	267	7	38	62	561	544	540	
Algebra II	406	11	34	66	538	505	511	
Algebra I	42	1	38	62	489	452	466	

\*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.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	690	18	52	48	608	641	597	
4 Years	2,172	58	47	53	608	617	590	
3 Years	681	18	39	61	565	569	548	
2 Years	150	4	41	59	555	576	536	
1 Year	47	1	57	43	532	574	516	
1/2 Year or Less	21	1	33	67	526	527	510	
No Response	711		49	51	573	595	560	
AP/Honors Courses	1,948	52	47	53	635	651	618	
<b>Course Work or Experience</b>								
Biology	3,501	97	46	54	598	610	581	
Chemistry	3,348	93	46	54	600	614	583	
Physics	2,447	68	49	51	608	627	592	
Geology, Earth, or Space Science	1,608	45	47	53	581	595	565	
Other Sciences	1,285	36	40	60	595	604	577	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	624	17	46	54	608	625	596	
4 Years	2,314	61	47	53	607	614	587	
3 Years	652	17	42	58	566	589	554	
2 Years	137	4	53	47	558	594	548	
1 Year	38	1	47	53	501	560	480	
1/2 Year or Less	16	0	44	56	504	560	484	
No Response	691		49	51	572	595	560	
AP/Honors Courses	2,151	57	46	54	635	639	616	
<b>Course Work or Experience</b>								
U.S. History	3,407	95	46	54	599	612	582	
World History or Cultures	2,814	78	45	55	592	605	575	
U.S. Government or Civics	2,476	69	45	55	600	610	580	
Economics	1,939	54	47	53	597	615	579	
Geography	1,478	41	44	56	587	601	568	
Psychology	1,218	34	38	62	601	604	580	
European History	1,258	35	47	53	614	617	597	
Sociology	509	14	37	63	571	578	550	
Ancient History	890	25	46	54	589	599	577	
Other Courses	669	19	39	61	605	612	587	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	650	17	44	56	614	633	607
4 Years	1,472	39	44	56	624	629	608
3 Years	810	21	48	52	591	603	570
2 Years	659	17	49	51	556	567	530
1 Year	102	3	56	44	510	554	505
1/2 Year or Less	84	2	54	46	472	562	471
No Response	695		49	51	571	596	558
AP/Honors Courses	1,121	30	40	60	645	648	631
<b>Course Work or Experience</b>							
Chinese	239	7	46	54	585	639	584
French	786	22	38	62	603	605	584
German	357	10	58	42	617	621	582
Greek	15	0	67	33	626	619	607
Hebrew	26	1	38	62	627	628	628
Italian	20	1	40	60	601	586	589
Japanese	87	2	39	61	579	607	564
Korean	16	0	31	69	546	653	542
Latin	233	6	52	48	629	622	603
Russian	22	1	23	77	584	564	554
Spanish	2,222	62	45	55	598	608	581
Other Languages	110	3	38	62	527	552	526

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## 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 Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	528	14	41	59	606	614	591
4 Years	1,147	31	44	56	617	621	600
3 Years	563	15	41	59	575	591	566
2 Years	778	21	46	54	588	603	570
1 Year	591	16	56	44	592	618	569
1/2 Year or Less	151	4	62	38	556	594	536
No Response	714		50	50	571	595	559
AP/Honors Courses	419	11	40	60	643	637	625
<b>Course Work or Experience</b>							
Acting or Play Production	990	28	36	64	621	608	604
Art History or Appreciation	559	16	40	60	591	590	572
Dance	502	14	17	83	591	591	583
Drama: Study or Appreciation	600	17	36	64	612	600	595
Music: Study or Appreciation	689	19	47	53	618	613	596
Music Performance	2,400	67	44	56	611	621	596
Photography or Film	926	26	41	59	584	590	570
Studio Art and Design	1,064	30	38	62	602	606	588
None	205	6	65	35	540	576	513

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,848	55	48	52	604	614	585
Computer Programming	564	17	68	32	599	635	578
Word Processing	2,043	61	46	54	601	611	582
Internet Activity	1,592	47	46	54	604	611	587
Using Computer Graphics	1,038	31	52	48	598	614	579
Creating Spreadsheets/Databases	1,121	33	48	52	600	612	583
None	685	20	38	62	586	599	574

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## 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			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
1,899	4,837	1,305	652	679	648

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	210	11
2	757	40
3	702	37
4 or More	230	12

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
<b>English</b>											
Literature	674	650	85	473	677	80	655	77	668	79	
<b>History and Social Studies</b>											
U.S. History	730	671	86	530	674	83	673	83	664	80	
World History	107	646	112	80	666	90	685	74	651	85	
<b>Mathematics</b>											
Mathematics Level 1	434	648	80	266	637	87	659	73	635	86	
Mathematics Level 2	1,193	703	80	859	652	100	702	67	650	90	
<b>Science</b>											
Biology-E	187	648	79	126	665	71	680	65	659	73	
Biology-M	289	667	86	217	664	84	684	71	667	81	
Chemistry	560	656	93	401	652	96	708	63	651	86	
Physics	260	679	92	200	650	109	727	60	646	89	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	20	772		19	552		691		582		
French	84	628	104	61	646	91	640	84	655	85	
French/Listening	17	657		14	665		612		660		
German	7	557		6	728		692		675		
German/Listening	8	579		6	682		700		685		
Modern Hebrew	4			4							
Italian	2			2							
Japanese/Listening	16	669		13	620		669		609		
Korean/Listening	10	760		9	640		703		636		
Latin	15	538		14	651		659		642		
Spanish	192	615	102	138	669	84	665	79	672	83	
Spanish/Listening	28	602	61	23	671		623		661		

## 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	89	13	146	20	20	19
700-740	141	21	197	27	27	25
650-690	151	22	136	19	13	12
600-640	127	19	124	17	8	7
550-590	81	12	60	8	12	11
500-540	55	8	39	5	16	15
450-490	20	3	14	2	8	7
400-440	8	1	12	2	2	2
350-390	1	0	1	0		
300-340	1	0	1	0	1	1
250-290						
200-240						
Total	674		730		107	
Mean	650		671		646	
SD	85		86		112	
75th percentile	710		730		730	
50th percentile	660		690		670	
25th percentile	600		620		540	

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	32	7	449	38	18	10	55	19	109	19	77	30
700-740	111	26	210	18	37	20	69	24	102	18	42	16
650-690	108	25	232	19	52	28	57	20	100	18	49	19
600-640	69	16	171	14	37	20	55	19	93	17	37	14
550-590	60	14	97	8	26	14	24	8	77	14	31	12
500-540	36	8	28	2	10	5	17	6	49	9	18	7
450-490	10	2	4	0	4	2	9	3	25	4	4	2
400-440	8	2	2	0	1	1	2	1	5	1	2	1
350-390					1	1	1	0				
300-340					1	1						
250-290												
200-240												
Total	434		1,193		187		289		560		260	
Mean	648		703		648		667		656		679	
SD	80		80		79		86		93		92	
75th percentile	710		780		700		730		730		760	
50th percentile	660		710		650		680		660		680	
25th percentile	590		640		600		610		590		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	17	85	12	14	3	18			1	13		
700-740	1	5	13	15	4	24						
650-690			11	13	2	12	3	43	2	25		
600-640	1	5	17	20	3	18			1	13		
550-590	1	5	13	15	4	24			1	13	2	50
500-540			7	8			2	29	1	13		
450-490			7	8	1	6	1	14	1	13		
400-440			3	4			1	14	1	13	2	50
350-390			1	1								
300-340												
250-290												
200-240												
Total	20		84		17		7		8		4	
Mean	772		628		657		557		579			
SD			104									
75th percentile	800		710									
50th percentile	800		630									
25th percentile	780		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			6	38	9	90			20	10		
700-740	2	100	1	6					23	12	2	7
650-690			3	19			2	13	42	22	5	18
600-640			1	6			1	7	32	17	9	32
550-590			3	19			4	27	24	13	8	29
500-540			1	6			4	27	24	13	4	14
450-490					1	10	2	13	18	9		
400-440			1	6			2	13	4	2		
350-390									3	2		
300-340									2	1		
250-290												
200-240												
Total	2		16		10		15		192		28	
Mean			669		760		538		615		602	
SD									102		61	
75th percentile									680		640	
50th percentile									620		600	
25th percentile									540		550	



## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	18	0	546	555	521
Architecture and Related Services	55	1	565	609	562
Area, Ethnic, Cultural and Gender Studies	13	0	576	542	560
Biological and Biomedical Sciences	311	8	609	632	598
Business Management, Marketing, and Related Support Services	341	9	549	596	546
Communication, Journalism and Related Programs	95	2	577	558	579
Computer and Information Sciences and Support Services	87	2	596	636	570
Construction Trades					
Education	113	3	576	567	555
Engineering	484	13	604	657	578
Engineering Technologies/Technicians	46	1	566	626	546
English Language and Literature/Letters	98	3	648	584	631
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	78	2	637	598	623
Health Professions and Related Clinical Services	564	15	584	597	572
History	55	1	639	581	578
Legal Professions and Studies	100	3	601	589	578
Liberal Arts and Sciences, General Studies, and Humanities	65	2	619	619	624
Library Science And Administration					
Mathematics and Statistics	82	2	634	691	624
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	2	0			
Multi/Interdisciplinary Studies	20	1	632	636	628
Natural Resources and Conservation	19	0	636	597	594
Parks, Recreation, Leisure and Fitness Studies	8	0	538	520	469
Personal and Culinary Services	9	0	500	472	458
Philosophy and Religious Studies	15	0	676	607	616
Physical Sciences	118	3	625	658	598
Precision Production					
Psychology	170	4	589	579	575
Public Administration and Social Services Professions	8	0	536	545	528
Security and Protective Services	33	1	555	584	529
Social Sciences	141	4	655	625	630
Theology and Religious Vocations	6	0	630	607	642
Transportation and Materials Moving	3	0			
Visual and Performing Arts	308	8	596	581	578
Other	29	1	546	549	526
Undecided	373	10	627	635	610
<b>Degree-Level Goal</b>					
Certificate Program	22	1	542	601	551
Associate Degree	16	0	474	474	470
Bachelor's Degree	877	22	560	570	537
Master's Degree	1,132	28	591	613	579
Doctoral or Related Degree	1,228	31	620	632	604
Other	21	1	504	578	493
Undecided	710	18	605	612	588

## College Plans

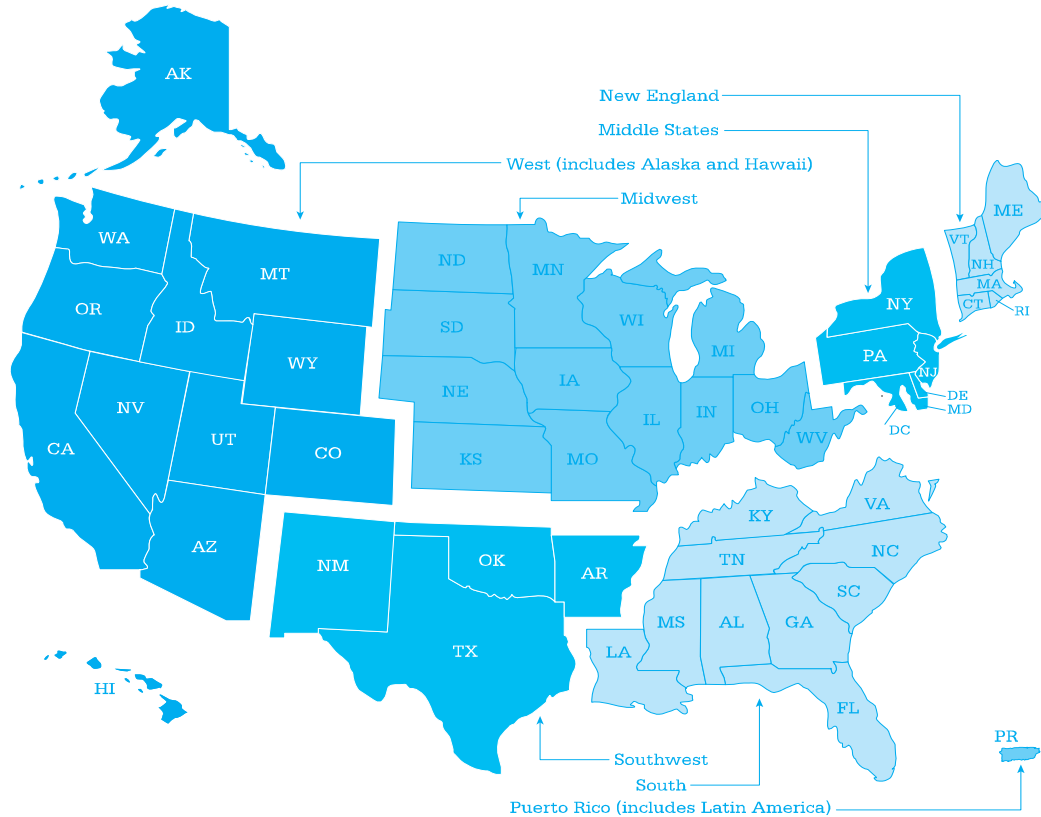
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 5,066 students from your state who took the SAT and/or an SAT Subject Test, 3,371 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 983 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 TWIN CITIES	MN	Public	1,325	39.3
UNIVERSITY OF WISCONSIN MADISON	WI	Public	630	18.7
NORTHWESTERN UNIVERSITY	IL	Private	429	12.7
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	383	11.4
STANFORD UNIVERSITY	CA	Private	354	10.5
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	335	9.9
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	290	8.6
PRINCETON UNIVERSITY	NJ	Private	287	8.5
NORTHWESTERN UNIVERSITY'S MIDWEST ACDMC T	IL	Scholarship	286	8.5
YALE UNIVERSITY	CT	Private	274	8.1
CARLETON COLLEGE	MN	Private	254	7.5
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	253	7.5
CORNELL UNIVERSITY	NY	Private	249	7.4
SAINT OLAF COLLEGE	MN	Private	249	7.4
WASHINGTON UNIVERSITY	MO	Private	226	6.7
UNIVERSITY OF SAINT THOMAS MN	MN	Private	219	6.5
DARTMOUTH COLLEGE	NH	Private	217	6.4
UNIVERSITY OF MINNESOTA DULUTH	MN	Public	200	5.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	197	5.8
UNIVERSITY OF CHICAGO	IL	Private	197	5.8
BROWN UNIVERSITY	RI	Private	188	5.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	179	5.3
NEW YORK UNIVERSITY	NY	Private	167	5.0
MACALESTER COLLEGE	MN	Private	160	4.7
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	156	4.6
UNIVERSITY OF ILLINOIS URBANA	IL	Public	144	4.3
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	143	4.2
BOSTON UNIVERSITY	MA	Private	142	4.2
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	141	4.2
GEORGETOWN UNIVERSITY	DC	Private	141	4.2
BOSTON COLLEGE	MA	Private	137	4.1
UNIVERSITY OF NOTRE DAME	IN	Private	134	4.0
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	131	3.9
CARNEGIE MELLON UNIVERSITY	PA	Private	125	3.7
IOWA STATE UNIVERSITY	IA	Public	122	3.6
DUKE UNIVERSITY	NC	Private	119	3.5
GUSTAVUS ADOLPHUS COLLEGE	MN	Private	119	3.5
UNIVERSITY OF WASHINGTON	WA	Public	110	3.3
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	106	3.1
NCAA ELIGIBILITY CENTER	IN	Public	97	2.9
HAMLIN UNIVERSITY	MN	Private	97	2.9
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE ADMISSIONS	MD	Private	96	2.8
VANDERBILT UNIVERSITY	TN	Private	91	2.7
TUFTS UNIVERSITY	MA	Private	88	2.6
PENNSYLVANIA STATE UNIVERSITY	PA	Public	85	2.5

\*Of your students who designated that their SAT 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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