



2007 College-Bound Seniors

# State Profile Report

MISSOURI

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.

# Table of Contents

## SAT Reasoning Test™

SAT Reasoning Test Data	Page 1
-------------------------	--------

---

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT Reasoning Test™
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School
Table 8: Test-Taking Conditions

## Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity	Page 3
--	--------

---

Table 9: Total Mean Scores by Ethnicity
Table 10: Male Mean Scores by Ethnicity
Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test: Student Background Information and Characteristics	Page 4
--	--------

---

Table 12: Student Background Information and Characteristics
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## Academic Information

Academic Record	Page 5
-----------------	--------

---

Table 13: High School Rank
Table 14: High School Grade Point Average
Table 15: Average Years of Study in Six Academic Subjects
Table 16: Total Years of Study in Combined Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

---

Table 17: English, Mathematics
Table 18: Natural Sciences, Social Sciences and History
Table 19: Foreign and Classical Languages
Table 20: Arts and Music, Computers

## SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

---

Table 21: Number of Test-Takers and Tests for SAT Subject Tests™
Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

---

Table 23: English, History and Social Studies
Table 24: Mathematics, Science
Table 25: Foreign and Classical Languages
Table 26: Foreign and Classical Languages (continued)

## College Plans

Intended College Major, Degree-Level Goal	Page 13
---	---------

---

Table 27: Intended College Major, Degree-Level Goal
---

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students
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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	3,720	594	107	594	108	587	104

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	1,844	594	109	611	109	579	108
Female	1,873	595	104	578	104	594	101
No Response**	3						

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	1,682	588	110	587	110	580	109
Junior	1,971	601	103	602	105	593	100
Sophomore	57	551	118	562	116	548	112
Freshman	10	514		529			
Total	3,720	594	107	594	108	587	104

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 3,720 students in this report, 3,691 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	680	670	660	580	590	570
50th	600	600	590	500	510	490
25th	530	520	520	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	138	144	282	190	98	288	89	126	215
700–749	197	192	389	238	134	372	157	176	333
650–699	279	273	552	378	296	675	294	280	574
600–649	379	339	718	283	319	602	318	377	695
550–599	304	325	629	262	332	594	322	351	674
500–549	219	296	516	217	291	508	283	260	543
450–499	146	148	294	140	201	341	149	145	294
400–449	101	98	200	64	117	182	109	82	192
350–399	43	36	80	42	57	99	65	48	114
300–349	21	16	37	17	20	38	24	12	36
250–299	11	4	15	7	6	13	5	2	7
200–249	6	2	8	6	2	8	10	4	14

**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	1,910	53	46	54	592	594	580
Religiously Affiliated	1,099	31	54	46	598	595	592
Independent	589	16	53	47	602	606	603
Other or Unknown	122						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,619	97	595	107	595	108	587	105
Nonstandard Conditions	101	3	585	93	592	100	574	93

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	13	0	599		592		590	
Asian, Asian American, or Pacific Islander	286	8	582	124	648	108	582	125
Black or African American	199	5	512	105	488	111	497	99
Mexican or Mexican American	30	1	573	101	553	80	557	95
Puerto Rican	8	0	610		568		611	
Other Hispanic, Latino, or Latin American	48	1	532	116	535	110	525	102
White	2,617	70	603	99	599	100	594	97
Other	106	3	598	116	591	126	594	115
No Response	413	11	594	120	590	113	591	115
Total	3,720	100	594	107	594	108	587	104

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	4	0						
Asian, Asian American, or Pacific Islander	167	4	565	125	647	110	568	124
Black or African American	83	2	512	111	496	116	486	101
Mexican or Mexican American	18	0	582		574		543	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	14	0	541		574		523	
White	1,271	34	606	99	619	100	588	99
Other	50	1	602	117	604	119	588	119
No Response	234	6	579	129	592	123	572	122
Total	1,844	50	594	109	611	109	579	108

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	9	0	592		568		579	
Asian, Asian American, or Pacific Islander	119	3	604	118	649	105	602	123
Black or African American	114	3	515	101	485	106	507	96
Mexican or Mexican American	12	0	560		521		579	
Puerto Rican	5	0	614		552		604	
Other Hispanic, Latino, or Latin American	34	1	529	112	520	110	526	111
White	1,345	36	600	99	581	97	600	94
Other	56	2	594	115	579	131	599	111
No Response	179	5	613	105	587	98	615	100
Total	1,873	50	595	104	578	104	594	101

## 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	3,720	100	594	107	594	108	587	104
<b>First Language Learned</b>								
English	3,002	87	599	102	593	105	589	100
English and Another	258	7	576	109	595	114	573	106
Another Language	192	6	574	136	646	115	577	137
No Response	268							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	3,164	96	598	103	594	107	589	101
U.S. Permanent Resident or Refugee	67	2	599	118	654	100	609	122
Citizen of Another Country	73	2	500	131	643	112	507	131
Other, Unknown, or No Response	416							
<b>Disabling Condition</b>								
Yes	215	6	562	106	553	111	538	101
Unknown or No Response	3,505							
<b>Plans to Apply for Financial Aid</b>								
Yes	2,185	68	597	108	593	109	586	106
No	324	10	593	97	603	102	590	95
Don't Know	688	22	595	100	601	101	589	95
<b>Family Income</b>								
Less than \$10,000	33	1	550	119	565	129	538	109
\$10,000–\$20,000	66	3	554	131	548	130	536	119
\$20,000–\$30,000	72	3	526	116	533	124	521	118
\$30,000–\$40,000	123	5	559	115	550	115	537	105
\$40,000–\$50,000	129	6	589	111	579	105	578	110
\$50,000–\$60,000	164	7	588	110	574	112	570	116
\$60,000–\$70,000	160	7	574	118	570	114	565	119
\$70,000–\$80,000	202	9	589	102	589	107	584	104
\$80,000–\$100,000	316	14	606	104	611	108	597	96
More than \$100,000	985	44	606	99	610	98	598	95
No Response	1,470							
<b>Highest Level of Parental Education</b>								
No High School Diploma	22	1	497		543		480	
High School Diploma	396	12	534	115	533	111	523	109
Associate Degree	110	3	563	96	542	101	546	96
Bachelor's Degree	1,105	33	591	98	590	101	580	96
Graduate Degree	1,702	51	619	99	619	101	612	96
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	844	28	595	99	595	102	582	97
Yes, As a Sophomore or Younger	544	18	580	102	580	105	573	97
Yes, As a Junior and As a Sophomore or Younger	1,227	40	630	91	628	95	624	87
No	419	14	536	120	543	125	523	119

## 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	1,137	54	46	54	647	652	638
Second Tenth	488	23	50	50	574	581	568
Second Fifth	272	13	56	44	553	547	537
Final Three Fifths	195	9	56	43	511	501	496
No Response	1,628						

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)	632	19	40	60	656	656	650
A (93–96)	1,048	31	45	55	623	629	616
A- (90–92)	700	21	48	51	594	597	589
B (80–89)	928	27	58	41	545	539	532
C (70–79)	98	3	64	35	477	454	459
D, E, or F (below 70)	2	0	100	0			
No Response	312						
<b>Mean Grade Point Average</b>	<b>All Students: 3.70</b>		<b>Male: 3.61</b>		<b>Female: 3.78</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.4	2.7	2.6	3.86	3.95	3.90
English	4.0	4.0	4.0	3.51	3.76	3.64
Foreign and Classical Languages	3.2	3.4	3.3	3.52	3.70	3.62
Mathematics	4.0	4.0	4.0	3.52	3.54	3.53
Natural Sciences	3.9	3.8	3.8	3.56	3.62	3.59
Social Sciences and History	3.8	3.8	3.8	3.64	3.72	3.68
<b>Total for All Subjects</b>	<b>21.3</b>	<b>21.7</b>	<b>21.5</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	2,360	81	46	54	614	613	606
19 or 19.5 Years	181	6	57	43	562	563	546
18 or 18.5 Years	124	4	48	52	527	520	519
17 or 17.5 Years	80	3	49	50	514	527	506
16 or 16.5 Years	52	2	42	58	535	536	526
15 or 15.5 Years	41	1	59	39	513	539	493
Less than 15 Years	66	2	61	39	472	489	478
Incomplete Response	816						

## 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	355	12	47	53	622	609	603	
4 Years	2,367	79	48	52	601	602	594	
3 Years	210	7	45	55	539	549	533	
2 Years	40	1	65	35	537	554	538	
1 Year	8	0	63	38	423	415	487	
1/2 Year or Less	7	0	100	0	524	564	538	
No Response	733							
<b>Course Work or Experience</b>								
American Literature	2,452	90	48	52	605	603	596	
Composition	2,199	80	49	51	607	604	599	
British Literature	1,130	41	41	58	625	614	616	
World Literature*	969	35	45	55	618	610	608	
English As Second Language	90	3	57	43	507	597	503	
AP®/Honors Courses	1,609	54	42	58	637	629	628	

<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	438	15	52	48	615	634	603	
4 Years	2,188	73	48	52	604	603	597	
3 Years	324	11	43	57	546	528	532	
2 Years	39	1	56	41	516	528	513	
1 Year	6	0	83	17	328	353	342	
1/2 Year or Less	8	0	75	25	495	524	530	
No Response	717							
<b>Course Work or Experience</b>								
Algebra	2,835	95	47	53	596	595	588	
Geometry	2,778	93	47	53	597	596	589	
Trigonometry	1,999	67	49	51	612	617	602	
Precalculus	2,102	70	49	51	616	624	608	
Calculus	1,611	54	53	47	634	652	628	
Other Math Courses	691	23	45	55	596	597	585	
AP/Honors Courses	1,575	52	48	52	636	649	629	

\*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
More Than 4 Years	458	15	51	49	621	644	613
4 Years	1,738	58	49	51	605	606	599
3 Years	675	23	44	56	576	560	563
2 Years	90	3	43	57	525	508	510
1 Year	18	1	56	44	504	496	511
1/2 Year or Less	10	0	80	20	491	505	484
No Response	731						
<b>Course Work or Experience</b>							
Biology	2,913	97	48	52	599	599	591
Chemistry	2,792	93	48	52	603	605	595
Physics	2,196	73	52	48	613	621	605
Geology, Earth, or Space Science	903	30	46	54	568	561	560
Other Sciences	1,233	41	40	60	580	577	574
AP/Honors Courses	1,510	51	46	54	637	645	630

<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	335	11	47	53	627	614	612
4 Years	1,850	62	48	52	606	602	599
3 Years	710	24	45	54	573	584	564
2 Years	74	2	55	45	519	548	518
1 Year	16	1	69	31	461	492	471
1/2 Year or Less	7	0	86	14	456	477	486
No Response	728						
<b>Course Work or Experience</b>							
U.S. History	2,876	95	48	52	601	601	592
World History or Cultures	2,514	83	48	52	599	599	592
U.S. Government or Civics	2,345	78	46	54	598	596	589
Economics	683	23	57	43	596	605	590
Geography	732	24	43	57	577	579	567
Psychology	1,045	35	39	61	599	589	589
European History	1,078	36	47	53	621	614	610
Sociology	355	12	38	62	575	560	567
Ancient History	569	19	54	46	609	597	595
Other Courses	736	24	41	59	597	594	587
AP/Honors Courses	1,580	53	46	54	639	633	628

## Academic Information

### Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	305	10	44	56	636	629	626	
4 Years	1,321	44	45	55	623	625	618	
3 Years	600	20	46	54	587	586	579	
2 Years	653	22	55	45	557	554	543	
1 Year	73	2	60	40	513	511	497	
1/2 Year or Less	46	2	70	28	469	496	455	
No Response	722							
<b>Course Work or Experience</b>								
Chinese	53	2	62	38	598	660	591	
French	809	27	36	64	616	603	610	
German	232	8	53	47	616	617	601	
Greek	73	2	70	30	690	684	665	
Hebrew	37	1	30	70	604	595	614	
Italian	25	1	36	64	611	581	618	
Japanese	52	2	67	33	584	617	582	
Korean	16	1	44	56	488	609	501	
Latin	401	13	60	40	635	627	620	
Russian	31	1	68	32	605	644	598	
Spanish	1,793	59	49	51	586	588	580	
Other Languages	28	1	54	46	491	533	509	
AP/Honors Courses	1,153	38	41	59	639	638	633	

## Academic Information

### Course-Taking Patterns

Table 20: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	229	8	42	58	608	594	592	
4 Years	802	27	41	58	611	603	607	
3 Years	405	14	39	61	587	592	583	
2 Years	599	20	50	50	588	592	583	
1 Year	816	27	55	44	600	605	585	
1/2 Year or Less	130	4	62	38	564	566	556	
No Response	739							
<b>Course Work or Experience</b>								
Acting or Play Production	765	28	41	59	611	589	597	
Art History or Appreciation	568	21	40	59	593	583	584	
Dance	291	11	22	78	596	583	589	
Drama: Study or Appreciation	593	22	40	60	602	586	594	
Music: Study or Appreciation	498	18	45	55	608	600	602	
Music Performance	1,391	52	45	55	604	602	596	
Photography or Film	511	19	38	62	588	581	579	
Studio Art and Design	852	32	39	61	599	594	591	
None	173	6	68	32	564	570	549	
AP/Honors Courses	306	10	32	68	638	633	631	

<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
Computer Literacy	1,933	70	48	51	600	597	591
Computer Programming	561	20	71	29	600	614	590
Word Processing	2,071	74	47	52	602	598	593
Internet Activity	1,494	54	50	50	603	600	593
Using Computer Graphics	900	32	51	49	597	598	589
Creating Spreadsheets/Databases	1,105	40	52	48	609	609	602
None	299	11	40	60	601	603	597

## 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
1,221	3,309	981	667	673	662

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	65	5
2	412	34
3	592	48
4 or More	152	12

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		Mathematics		Writing	
					Mean	SD	Mean	SD	Mean	SD
<b>English</b>										
Writing*	2			1						
Literature	508	647	92	402	677	79	644	84	665	77
<b>History and Social Studies</b>										
U.S. History	463	638	92	392	674	78	664	80	669	79
World History	60	635	108	52	673	100	660	96	664	94
<b>Mathematics</b>										
Mathematics Level 1	445	633	86	326	644	82	650	74	643	79
Mathematics Level 2	684	689	88	568	679	81	705	71	674	75
<b>Science</b>										
Biology-E	134	656	94	113	682	79	689	68	674	72
Biology-M	208	671	82	174	686	74	696	76	680	75
Chemistry	319	670	93	263	680	84	715	71	672	80
Physics	201	691	79	175	681	80	725	63	672	73
<b>Foreign and Classical Languages</b>										
Chinese/Listening	19	784		16	634		733		634	
French	67	601	95	60	681	77	644	79	676	65
French/Listening	17	611		15	681		645		676	
German	9	593		6	698		633		690	
German/Listening	1			1						
Modern Hebrew	2			1						
Italian	1			1						
Japanese/Listening	5	656		4						
Korean/Listening	3			3						
Latin	36	656	100	33	696	69	696	67	685	65
Spanish	110	590	114	91	662	79	653	86	669	74
Spanish/Listening	15	588		13	654		635		654	

\*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			68	13	51	11	13	22
700–749			108	21	89	19	5	8
650–699	1	50	107	21	92	20	11	18
600–649			91	18	93	20	10	17
550–599			61	12	50	11	6	10
500–549			39	8	53	11	10	17
450–499	1	50	20	4	21	5	2	3
400–449			9	2	12	3	2	3
350–399			4	1	1	0	1	2
300–349			1	0	1	0		
250–299								
200–249								
Total	2		508		463		60	
Mean			647		638		635	
SD			92		92		108	
75th percentile			720		710		720	
50th percentile			660		640		640	
25th percentile			590		570		540	

Table 24: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	32	7	235	34	24	18	39	19	83	26	61	30
700–749	97	22	127	19	27	20	48	23	57	18	38	19
650–699	94	21	87	13	28	21	55	26	63	20	52	26
600–649	86	19	131	19	28	21	32	15	48	15	23	11
550–599	62	14	55	8	11	8	14	7	36	11	13	6
500–549	43	10	38	6	9	7	12	6	15	5	12	6
450–499	23	5	11	2	3	2	6	3	8	3	2	1
400–449	5	1			2	1	1	0	8	3		
350–399	2	0					1	0	1	0		
300–349	1	0			2	1						
250–299												
200–249												
Total	445		684		134		208		319		201	
Mean	633		689		656		671		670		691	
SD	86		88		94		82		93		79	
75th percentile	700		770		730		730		750		760	
50th percentile	640		700		670		680		680		690	
25th percentile	570		620		600		620		600		640	

## 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	18	95	2	3	2	12	1	11			1	50
700–749			13	19	1	6	2	22				
650–699			9	13	4	24						
600–649			13	19	3	18						
550–599	1	5	13	19	3	18	3	33	1	100		
500–549			9	13	2	12	1	11				
450–499			4	6			1	11				
400–449			3	4	2	12	1	11				
350–399			1	1								
300–349												
250–299											1	50
200–249												
Total	19		67		17		9		1		2	
Mean	784		601		611		593					
SD			95									
75th percentile			660									
50th percentile			600									
25th percentile			530									

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			1	20	3	100	9	25	11	10	2	13
700–749			2	40			7	19	6	5		
650–699							4	11	23	21	3	20
600–649							5	14	17	15	2	13
550–599	1	100	1	20			6	17	15	14	3	20
500–549			1	20			2	6	15	14	3	20
450–499							3	8	10	9	1	7
400–449									7	6		
350–399									3	3		
300–349									2	2	1	7
250–299									1	1		
200–249												
Total	1		5		3		36		110		15	
Mean			656				656		590		588	
SD							100		114			
75th percentile							730		670			
50th percentile							670		600			
25th percentile							590		500			

## 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	10	0	521	519	533
Architecture and Related Services	63	3	577	595	561
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	167	7	613	620	599
Business Management, Marketing, and Related Support Services	327	14	560	569	554
Communication, Journalism and Related Programs	105	4	598	558	601
Computer and Information Sciences and Support Services	84	3	591	611	569
Construction Trades					
Education	88	4	570	557	566
Engineering	257	11	605	645	591
Engineering Technologies/Technicians	12	0	568	568	545
English Language and Literature/Letters	75	3	656	581	629
Family and Consumer Sciences/Human Sciences	6	0	532	515	530
Foreign Languages, Literatures, and Linguistics	43	2	627	600	611
Health Professions and Related Clinical Services	339	14	572	589	579
History	30	1	616	565	584
Legal Professions and Studies	60	2	608	596	589
Liberal Arts and Sciences, General Studies, and Humanities	18	1	598	572	578
Library Science/Librarianship					
Mathematics and Statistics	34	1	640	706	634
Mechanic and Repair Technologies/Technician	2	0			
Military Sciences	5	0	546	552	486
Multi/Interdisciplinary Studies	21	1	681	674	647
Natural Resources and Conservation	7	0	566	566	587
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	13	1	625	549	622
Physical Sciences	78	3	639	662	625
Precision Production					
Psychology	86	4	605	565	581
Public Administration and Social Services Professions	10	0	603	555	575
Security and Protective Services	9	0	496	506	472
Social Sciences	102	4	640	609	636
Theology and Religious Vocations	8	0	586	589	648
Transportation and Materials Moving	1	0			
Visual and Performing Arts	251	10	603	574	590
Other	6	0	580	535	563
Undecided	79	3	640	634	624
<b>Degree-Level Goal</b>					
Certificate Program	10	0	472	482	499
Associate Degree	6	0	503	433	493
Bachelor's Degree	506	16	553	550	546
Master's Degree	1,015	31	591	590	581
Doctoral or Related Degree	1,010	31	620	623	611
Other	4	0			
Undecided	674	21	605	602	597

## College Plans

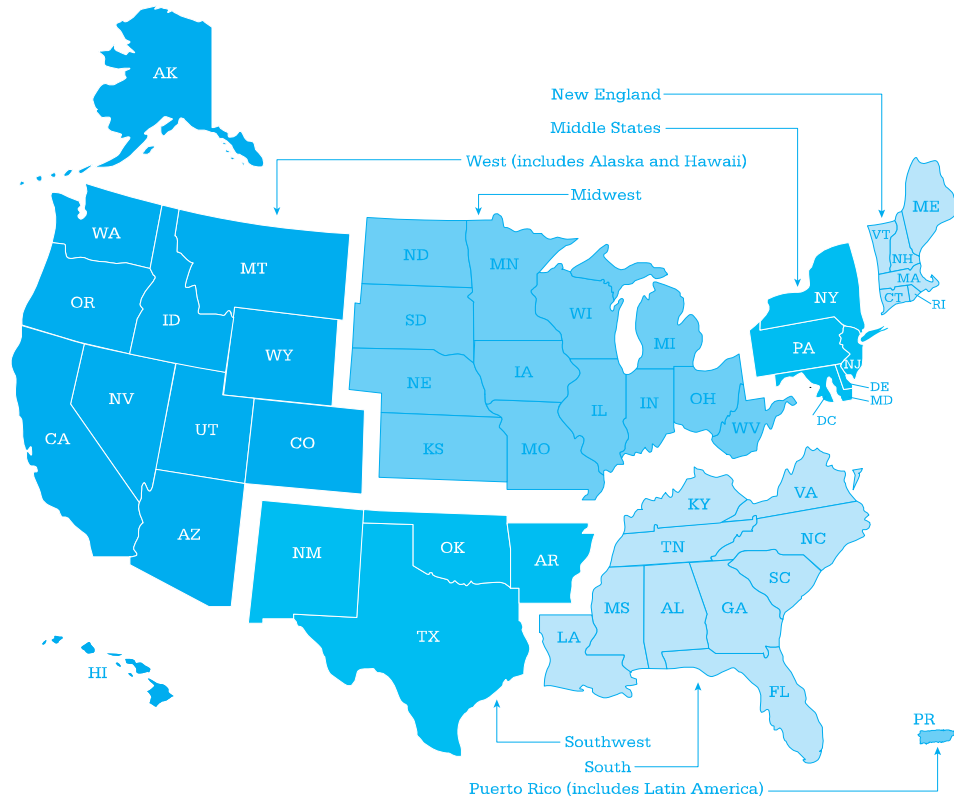
**Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 3,960 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 2,886 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 1,012 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>
WASHINGTON UNIVERSITY	MO	Private	750	26.0
UNIVERSITY OF MISSOURI COLUMBIA	MO	Public	670	23.2
SAINT LOUIS UNIVERSITY MISSOURI	MO	Private	366	12.7
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	357	12.4
NORTHWESTERN UNIVERSITY	IL	Private	325	11.3
TRUMAN STATE UNIVERSITY	MO	Public	267	9.3
STANFORD UNIVERSITY	CA	Private	252	8.7
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	227	7.9
YALE UNIVERSITY	CT	Private	221	7.7
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	201	7.0
UNIVERSITY OF KANSAS	KS	Public	194	6.7
DUKE UNIVERSITY	NC	Private	191	6.6
PRINCETON UNIVERSITY	NJ	Private	190	6.6
CORNELL UNIVERSITY	NY	Private	189	6.5
VANDERBILT UNIVERSITY	TN	Private	172	6.0
UNIVERSITY OF MISSOURI ROLLA	MO	Public	170	5.9
NEW YORK UNIVERSITY	NY	Private	168	5.8
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	160	5.5
UNIVERSITY OF MISSOURI KANSAS CITY	MO	Public	157	5.4
SOUTHWEST MISSOURI STATE UNIVERSITY SPRI	MO	Public	155	5.4
BOSTON UNIVERSITY	MA	Private	155	5.4
LOYOLA UNIVERSITY CHICAGO	IL	Private	152	5.3
UNIVERSITY OF ILLINOIS URBANA	IL	Public	150	5.2
RICE UNIVERSITY	TX	Private	146	5.1
GEORGETOWN UNIVERSITY	DC	Private	146	5.1
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	142	4.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	142	4.9
UNIVERSITY OF CHICAGO	IL	Private	141	4.9
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	138	4.8
UNIVERSITY OF NOTRE DAME	IN	Private	137	4.7
BROWN UNIVERSITY	RI	Private	136	4.7
BOSTON COLLEGE	MA	Private	133	4.6
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	128	4.4
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	124	4.3
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	117	4.1
UNIVERSITY OF VIRGINIA	VA	Public	115	4.0
MIAMI UNIVERSITY OXFORD	OH	Public	107	3.7
EMORY UNIVERSITY	GA	Private	103	3.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	97	3.4
DARTMOUTH COLLEGE	NH	Private	96	3.3
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	94	3.3
JOHNS HOPKINS UNIVERSITY	MD	Private	93	3.2
UNIVERSITY OF MISSOURI SAINT LOUIS	MO	Public	92	3.2
UNIVERSITY OF TEXAS AUSTIN	TX	Public	89	3.1
CREIGHTON UNIVERSITY	NE	Private	89	3.1

\*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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