



2007 College-Bound Seniors

State Profile Report

WASHINGTON

Included in this Report

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.

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.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2007

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

NOTE: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2007, all scores are reported on the recentered scale.

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SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2007. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2007. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing*	
	Number	Mean	SD	Mean	SD	Mean	SD
Total	34,638	526	105	531	103	510	100

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	15,916	527	107	549	103	503	101
Female	18,664	525	104	515	100	516	98
No Response**	58	449	103	451	93	414	90

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	22,493	515	101	519	100	500	96
Junior	11,997	547	110	552	105	528	104
Sophomore	117	576	125	573	116	561	118
Freshman	31	556	106	556	94		
Total	34,638	526	105	531	103	510	100

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Total Group	1,494,531	502	113	515	114	494	109

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 34,638 students in this report, 34,581 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	600	600	580	580	590	570
50th	520	530	510	500	510	490
25th	450	460	440	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	383	411	794	417	209	626	166	231	397
700–749	622	681	1,303	829	437	1,266	357	507	864
650–699	1,201	1,300	2,501	1,787	1,266	3,054	906	1,127	2,033
600–649	2,079	2,349	4,431	2,272	2,011	4,286	1,450	2,031	3,481
550–599	2,514	2,895	5,418	2,874	3,118	5,995	2,371	3,068	5,445
500–549	2,827	3,510	6,345	2,972	3,588	6,573	2,949	3,608	6,562
450–499	2,672	3,294	5,977	2,259	3,492	5,763	2,979	3,588	6,578
400–449	2,022	2,423	4,457	1,456	2,544	4,009	2,509	2,593	5,111
350–399	968	1,116	2,089	645	1,223	1,878	1,398	1,247	2,658
300–349	440	483	927	256	513	774	575	470	1,053
250–299	127	132	263	97	162	260	169	126	299
200–249	61	70	133	52	101	154	56	42	100

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	30,044	90	46	54	522	527	505
Religiously Affiliated	2,585	8	48	52	549	550	541
Independent	720	2	51	49	615	611	601
Other or Unknown	1,289						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	34,308	99	526	105	531	103	510	99
Nonstandard Conditions	330	1	513	113	519	124	496	108

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	468	1	489	103	491	95	469	95
Asian, Asian American, or Pacific Islander	4,469	13	504	112	550	115	493	106
Black or African American	1,375	4	450	103	441	104	440	97
Mexican or Mexican American	962	3	467	100	471	98	457	97
Puerto Rican	74	0	505	98	493	104	480	97
Other Hispanic, Latino, or Latin American	707	2	486	104	484	102	473	94
White	23,363	67	536	99	536	96	519	95
Other	1,163	3	526	110	520	106	511	104
No Response	2,057	6	560	110	546	105	536	104
Total	34,638	100	526	105	531	103	510	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	179	1	496	110	516	104	465	102
Asian, Asian American, or Pacific Islander	2,124	6	507	112	568	113	488	107
Black or African American	648	2	450	102	452	105	432	96
Mexican or Mexican American	411	1	470	101	489	99	452	95
Puerto Rican	37	0	515	104	504	118	483	103
Other Hispanic, Latino, or Latin American	277	1	485	110	504	110	467	95
White	10,744	31	538	101	555	96	511	96
Other	522	2	522	109	536	105	504	104
No Response	974	3	557	111	563	104	529	104
Total	15,916	46	527	107	549	103	503	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	289	1	484	99	476	85	471	90
Asian, Asian American, or Pacific Islander	2,337	7	501	111	534	114	498	104
Black or African American	724	2	450	104	431	102	448	97
Mexican or Mexican American	548	2	465	100	458	95	461	98
Puerto Rican	36	0	496	92	482	87	477	92
Other Hispanic, Latino, or Latin American	427	1	486	100	472	94	479	93
White	12,602	36	535	98	520	93	525	93
Other	638	2	529	111	507	104	518	102
No Response	1,063	3	565	109	531	102	545	102
Total	18,664	54	525	104	515	100	516	98

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	34,638	100	526	105	531	103	510	100
First Language Learned								
English	27,971	82	534	102	532	99	515	97
English and Another	3,767	11	499	109	519	112	489	102
Another Language	2,223	7	475	114	531	124	471	112
No Response	677							
Citizenship								
U.S. Citizen / U.S. National	31,239	96	529	103	530	101	512	98
U.S. Permanent Resident or Refugee	828	3	468	122	528	124	468	118
Citizen of Another Country	450	1	462	115	572	121	471	112
Other, Unknown, or No Response	2,121							
Disabling Condition								
Yes	1,965	6	511	107	508	106	487	97
Unknown or No Response	32,673							
Plans to Apply for Financial Aid								
Yes	22,078	69	525	106	527	103	508	100
No	2,507	8	529	100	542	100	518	95
Don't Know	7,353	23	528	102	538	100	511	98
Family Income								
Less than \$10,000	646	3	454	113	466	114	443	106
\$10,000–\$20,000	1,236	5	479	107	493	104	466	99
\$20,000–\$30,000	1,190	5	481	105	489	105	465	97
\$30,000–\$40,000	1,839	8	503	100	506	99	487	94
\$40,000–\$50,000	2,015	8	515	102	517	98	497	95
\$50,000–\$60,000	2,185	9	518	98	520	96	501	95
\$60,000–\$70,000	2,282	10	520	100	525	98	503	92
\$70,000–\$80,000	2,458	10	525	100	527	97	507	95
\$80,000–\$100,000	3,742	16	531	98	537	97	513	93
More than \$100,000	6,115	26	547	101	552	99	531	96
No Response	10,930							
Highest Level of Parental Education								
No High School Diploma	954	3	426	98	454	102	418	88
High School Diploma	9,112	28	491	95	498	96	475	88
Associate Degree	3,378	10	503	93	506	95	486	89
Bachelor's Degree	10,854	33	538	98	542	96	520	94
Graduate Degree	8,478	26	571	104	570	101	554	99
Took the PSAT/NMSQT®								
Yes, As a Junior	13,173	44	532	101	538	98	516	96
Yes, As a Sophomore or Younger	3,542	12	535	101	538	101	518	96
Yes, As a Junior and As a Sophomore or Younger	4,447	15	579	101	579	95	562	96
No	8,602	29	491	100	495	100	473	92

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	6,098	37	42	58	585	599	571
Second Tenth	4,764	29	45	54	526	539	513
Second Fifth	2,976	18	51	49	500	507	484
Final Three Fifths	2,651	16	53	47	465	466	448
No Response	18,149						

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)	2,283	7	36	64	610	616	597
A (93–96)	7,040	21	38	62	570	581	557
A- (90–92)	7,202	22	42	58	539	548	524
B (80–89)	13,758	42	50	50	497	499	479
C (70–79)	2,678	8	62	37	461	456	438
D, E, or F (below 70)	50	0	66	32	458	431	431
No Response	1,627						
Mean Grade Point Average	All Students: 3.41		Male: 3.32		Female: 3.50		

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	2.0	2.2	2.1	3.79	3.90	3.85
English	3.9	3.9	3.9	3.34	3.59	3.48
Foreign and Classical Languages	2.5	2.7	2.6	3.29	3.53	3.43
Mathematics	3.8	3.8	3.8	3.21	3.22	3.21
Natural Sciences	3.4	3.3	3.3	3.33	3.40	3.37
Social Sciences and History	3.5	3.5	3.5	3.46	3.56	3.51
Total for All Subjects	19.1	19.4	19.2			

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	13,855	49	41	59	560	563	545
19 or 19.5 Years	3,909	14	46	54	519	523	502
18 or 18.5 Years	3,273	12	49	51	504	512	487
17 or 17.5 Years	2,305	8	49	51	497	501	481
16 or 16.5 Years	1,681	6	49	51	489	490	471
15 or 15.5 Years	1,213	4	48	52	484	488	466
Less than 15 Years	1,917	7	52	48	471	478	454
Incomplete Response	6,485						

Academic Information

Course-Taking Patterns

Table 17: English, Mathematics

English	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,180	7	39	61	549	542	530	
4 Years	22,832	78	46	54	532	536	515	
3 Years	3,793	13	45	55	500	505	484	
2 Years	483	2	53	47	496	509	478	
1 Year	89	0	57	43	471	477	449	
1/2 Year or Less	52	0	63	37	483	506	457	
No Response	5,209							
Course Work or Experience								
American Literature	22,135	89	45	55	538	540	521	
Composition	16,677	67	44	56	548	546	531	
British Literature	6,054	24	41	59	571	560	552	
World Literature*	8,090	32	42	57	554	547	536	
English As Second Language	1,152	5	44	56	443	511	446	
AP®/Honors Courses	12,507	42	38	62	575	569	558	

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,828	13	49	51	562	594	546	
4 Years	17,152	58	45	55	534	542	519	
3 Years	7,431	25	43	57	502	488	484	
2 Years	977	3	45	54	487	461	468	
1 Year	61	0	51	49	489	459	461	
1/2 Year or Less	47	0	57	43	455	467	435	
No Response	5,142							
Course Work or Experience								
Algebra	26,217	90	45	55	526	530	510	
Geometry	24,741	85	45	55	527	531	511	
Trigonometry	16,477	57	46	54	545	558	529	
Precalculus	17,623	61	46	54	554	571	538	
Calculus	9,663	33	49	51	579	607	564	
Other Math Courses	5,385	19	42	58	533	535	519	
AP/Honors Courses	8,699	29	46	54	586	606	569	

*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

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	1,846	6	48	52	569	589	550
4 Years	12,184	42	46	54	547	555	531
3 Years	10,521	36	43	56	514	515	499
2 Years	4,030	14	46	54	496	492	478
1 Year	527	2	48	51	490	488	466
1/2 Year or Less	192	1	44	56	452	464	436
No Response	5,338						
Course Work or Experience							
Biology	27,371	94	44	56	529	533	513
Chemistry	23,993	82	44	55	536	543	520
Physics	14,217	49	50	49	553	568	536
Geology, Earth, or Space Science	14,222	49	46	54	519	521	503
Other Sciences	12,789	44	41	58	527	528	510
AP/Honors Courses	7,405	25	44	56	588	598	570

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	1,584	5	42	58	555	548	535
4 Years	15,397	52	45	55	536	536	520
3 Years	9,721	33	45	55	519	529	503
2 Years	2,272	8	47	53	502	512	484
1 Year	306	1	47	52	488	498	469
1/2 Year or Less	101	0	53	47	454	490	443
No Response	5,257						
Course Work or Experience							
U.S. History	27,936	96	45	55	529	533	512
World History or Cultures	23,440	81	45	55	532	536	516
U.S. Government or Civics	18,620	64	45	55	530	532	513
Economics	5,203	18	48	52	526	534	511
Geography	7,532	26	44	55	515	521	501
Psychology	6,896	24	34	66	537	531	522
European History	7,031	24	45	55	556	551	539
Sociology	2,744	9	37	62	529	520	510
Ancient History	4,194	14	47	53	545	538	527
Other Courses	11,055	38	43	57	535	538	518
AP/Honors Courses	9,479	32	42	58	584	578	564

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	1,092	4	34	66	588	584	574
4 Years	4,752	16	39	61	580	579	568
3 Years	8,825	30	42	58	543	548	528
2 Years	12,713	43	49	51	502	508	484
1 Year	1,288	4	53	47	482	483	459
1/2 Year or Less	743	3	58	42	451	472	433
No Response	5,225						
Course Work or Experience							
Chinese	482	2	45	54	549	595	534
French	5,203	18	33	67	551	542	533
German	2,048	7	56	44	542	540	518
Greek	90	0	47	53	557	536	537
Hebrew	99	0	49	51	576	563	567
Italian	95	0	33	67	548	526	532
Japanese	2,026	7	56	44	554	568	529
Korean	164	1	47	52	500	584	499
Latin	577	2	45	54	593	569	570
Russian	162	1	46	54	526	531	515
Spanish	19,638	67	45	54	524	529	510
Other Languages	1,818	6	34	66	493	495	477
AP/Honors Courses	3,436	12	37	63	603	599	590

Academic Information

Course-Taking Patterns

Table 20: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	1,761	6	40	60	557	550	537
4 Years	4,880	17	39	61	559	551	541
3 Years	3,375	12	38	62	531	526	516
2 Years	6,086	21	43	57	522	527	507
1 Year	9,539	33	49	51	519	530	503
1/2 Year or Less	3,353	12	54	46	506	518	488
No Response	5,644						
Course Work or Experience							
Acting or Play Production	5,311	20	35	65	559	538	539
Art History or Appreciation	4,369	16	42	58	532	527	516
Dance	2,873	11	14	86	525	514	515
Drama: Study or Appreciation	4,249	16	35	64	546	529	529
Music: Study or Appreciation	3,577	13	45	55	559	549	542
Music Performance	11,336	42	41	59	547	545	530
Photography or Film	7,931	30	40	60	528	527	513
Studio Art and Design	7,678	29	39	61	533	534	518
None	3,228	12	58	42	487	505	471
AP/Honors Courses	1,648	6	35	65	585	574	569

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	18,378	67	45	54	530	532	513
Computer Programming	3,993	15	60	40	522	537	502
Word Processing	20,277	74	45	55	529	531	512
Internet Activity	14,485	53	46	54	533	535	516
Using Computer Graphics	8,863	33	54	46	532	540	514
Creating Spreadsheets/Databases	9,100	33	47	53	533	542	517
None	3,206	12	37	63	535	537	520

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
3,767	9,682	3,608	637	648	623

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	278	7
2	1,474	39
3	1,694	45
4 or More	321	9

Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Writing*	8	590		7	597		616		593	
Literature	1,795	625	102	1,693	653	91	630	88	635	87
History and Social Studies										
U.S. History	1,492	614	106	1,407	652	90	640	89	631	87
World History	190	636	110	178	666	101	647	88	636	97
Mathematics										
Mathematics Level 1	1,067	599	98	967	607	100	622	87	596	99
Mathematics Level 2	2,248	662	91	2,198	649	93	679	74	636	86
Science										
Biology-E	268	610	98	253	641	97	639	93	629	99
Biology-M	386	663	84	375	666	86	673	78	648	81
Chemistry	797	636	101	779	648	99	686	78	633	94
Physics	398	660	93	386	652	97	703	69	630	89
Foreign and Classical Languages										
Chinese/Listening	82	772	58	81	546	139	663	90	549	129
French	190	600	111	188	672	88	644	84	666	72
French/Listening	49	586	107	49	656	85	628	67	643	83
German	7	511		6	642		627		653	
German/Listening	19	581		18	653		632		624	
Modern Hebrew	6	705		6	692		582		655	
Italian	4			4						
Japanese/Listening	53	636	151	53	595	116	637	82	592	105
Korean/Listening	104	762	58	103	543	104	665	82	569	100
Latin	45	673	86	44	709	82	666	79	691	68
Spanish	380	607	116	368	663	89	654	92	656	81
Spanish/Listening	94	576	109	94	644	93	626	88	634	89

*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			201	11	145	10	36	19
700–749	2	25	330	18	222	15	31	16
650–699	3	38	339	19	264	18	36	19
600–649			281	16	257	17	14	7
550–599			225	13	210	14	32	17
500–549			199	11	174	12	15	8
450–499	1	13	119	7	108	7	18	9
400–449	1	13	71	4	66	4	5	3
350–399	1	13	26	1	38	3	3	2
300–349			4	0	8	1		
250–299								
200–249								
Total	8		1,795		1,492		190	
Mean	590		625		614		636	
SD			102		106		110	
75th percentile			700		690		720	
50th percentile			640		630		660	
25th percentile			550		540		560	

Table 24: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	51	5	510	23	18	7	61	16	130	16	85	21
700–749	136	13	393	17	38	14	90	23	128	16	69	17
650–699	191	18	372	17	45	17	92	24	140	18	80	20
600–649	232	22	424	19	61	23	69	18	137	17	59	15
550–599	175	16	307	14	39	15	41	11	93	12	55	14
500–549	111	10	167	7	30	11	17	4	82	10	30	8
450–499	82	8	58	3	21	8	10	3	57	7	15	4
400–449	52	5	13	1	10	4	2	1	26	3	4	1
350–399	27	3	2	0	4	1	4	1	4	1	1	0
300–349	10	1	2	0	2	1						
250–299												
200–249												
Total	1,067		2,248		268		386		797		398	
Mean	599		662		610		663		636		660	
SD	98		91		98		84		101		93	
75th percentile	670		740		680		720		720		730	
50th percentile	610		660		620		670		640		670	
25th percentile	540		600		540		610		560		590	

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	71	87	20	11	5	10			2	11	3	50
700–749	4	5	28	15	2	4	2	29	3	16		
650–699	3	4	19	10	6	12			2	11	1	17
600–649	2	2	30	16	11	22			3	16	1	17
550–599			33	17	5	10	1	14	2	11	1	17
500–549	1	1	22	12	5	10			1	5		
450–499			24	13	12	24	1	14	2	11		
400–449	1	1	8	4	2	4	1	14	3	16		
350–399			6	3	1	2	1	14	1	5		
300–349							1	14				
250–299												
200–249												
Total	82		190		49		7		19		6	
Mean	772		600		586		511		581		705	
SD	58		111		107							
75th percentile	800		690		640							
50th percentile	800		610		590							
25th percentile	770		520		490							

Table 26: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	2	50	17	32	79	76	10	22	46	12	6	6
700–749	1	25	10	19	11	11	14	31	58	15	5	5
650–699	1	25	3	6	8	8	8	18	58	15	14	15
600–649			1	2	5	5	4	9	54	14	22	23
550–599			3	6			3	7	48	13	10	11
500–549			9	17			3	7	46	12	11	12
450–499			4	8	1	1	3	7	31	8	14	15
400–449			3	6					23	6	9	10
350–399			1	2					10	3	1	1
300–349			1	2					5	1	2	2
250–299			1	2					1	0		
200–249												
Total	4		53		104		45		380		94	
Mean			636		762		673		607		576	
SD			151		58		86		116		109	
75th percentile			780		800		720		700		650	
50th percentile			690		790		700		620		590	
25th percentile			500		750		630		520		490	

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	146	1	499	487	476
Architecture and Related Services	587	2	514	548	493
Area, Ethnic, Cultural and Gender Studies	38	0	592	549	576
Biological and Biomedical Sciences	1,283	5	561	560	539
Business Management, Marketing, and Related Support Services	3,621	15	503	520	491
Communication, Journalism and Related Programs	871	4	533	509	525
Computer and Information Sciences and Support Services	890	4	543	570	511
Construction Trades	21	0	446	473	431
Education	1,753	7	505	503	494
Engineering	1,890	8	542	590	519
Engineering Technologies/Technicians	166	1	476	515	456
English Language and Literature/Letters	530	2	598	542	574
Family and Consumer Sciences/Human Sciences	50	0	491	486	477
Foreign Languages, Literatures, and Linguistics	319	1	583	542	565
Health Professions and Related Clinical Services	4,403	19	504	513	493
History	256	1	560	511	527
Legal Professions and Studies	375	2	532	518	519
Liberal Arts and Sciences, General Studies, and Humanities	137	1	561	522	529
Library Science/Librarianship	18	0	582	519	542
Mathematics and Statistics	247	1	567	636	551
Mechanic and Repair Technologies/Technician	91	0	459	479	433
Military Sciences	137	1	512	535	492
Multi/Interdisciplinary Studies	70	0	578	563	558
Natural Resources and Conservation	103	0	507	503	480
Parks, Recreation, Leisure and Fitness Studies	76	0	472	476	453
Personal and Culinary Services	62	0	474	477	461
Philosophy and Religious Studies	101	0	579	550	550
Physical Sciences	467	2	569	588	545
Precision Production	6	0	392	408	345
Psychology	832	4	527	503	510
Public Administration and Social Services Professions	141	1	534	508	521
Security and Protective Services	383	2	484	494	466
Social Sciences	646	3	589	554	560
Theology and Religious Vocations	101	0	551	537	536
Transportation and Materials Moving	43	0	514	534	500
Visual and Performing Arts	2,245	9	542	520	526
Other	95	0	472	470	459
Undecided	540	2	542	555	524
Degree-Level Goal					
Certificate Program	302	1	459	474	449
Associate Degree	352	1	445	448	433
Bachelor's Degree	8,973	28	502	506	486
Master's Degree	9,605	30	533	537	517
Doctoral or Related Degree	5,639	18	555	560	539
Other	110	0	470	485	459
Undecided	7,046	22	534	537	516

College Plans

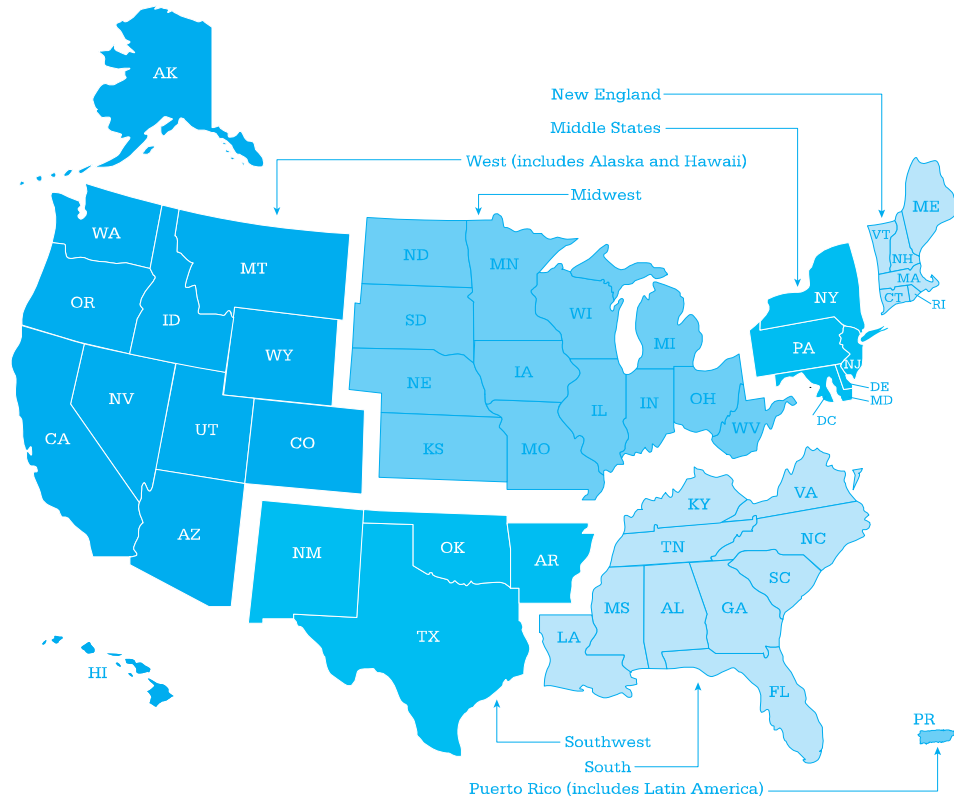
Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 34,797 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 27,591 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 1,802 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	15,334	55.6
WASHINGTON STATE UNIVERSITY	WA	Public	11,464	41.5
WESTERN WASHINGTON UNIVERSITY	WA	Public	10,499	38.1
CENTRAL WASHINGTON UNIVERSITY	WA	Public	5,913	21.4
EASTERN WASHINGTON UNIVERSITY	WA	Public	4,547	16.5
GONZAGA UNIVERSITY	WA	Private	3,432	12.4
SEATTLE UNIVERSITY	WA	Private	3,241	11.7
SEATTLE PACIFIC UNIVERSITY	WA	Private	2,639	9.6
PACIFIC LUTHERAN UNIVERSITY	WA	Private	2,014	7.3
UNIVERSITY OF PORTLAND	OR	Private	1,777	6.4
UNIV OREGON	OR	Public	1,675	6.1
STANFORD UNIVERSITY	CA	Private	1,590	5.8
OREGON STATE UNIVERSITY	OR	Public	1,589	5.8
WHITWORTH COLLEGE	WA	Private	1,569	5.7
UNIVERSITY OF PUGET SOUND	WA	Private	1,568	5.7
WHITMAN COLLEGE	WA	Private	1,321	4.8
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	1,260	4.6
NCAA INITIAL ELIG CLEARINGHSE	IA	Scholarship	1,186	4.3
UNIVERSITY OF IDAHO	ID	Public	1,118	4.1
EVERGREEN STATE COLLEGE	WA	Public	1,114	4.0
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	1,033	3.7
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	1,024	3.7
SANTA CLARA UNIVERSITY	CA	Private	931	3.4
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	925	3.4
UNIVERSITY OF WASHINGTON TACOMA	WA	Private	914	3.3
NEW YORK UNIVERSITY	NY	Private	799	2.9
MONTANA STATE UNIVERSITY	MT	Public	702	2.5
PORTLAND STATE UNIVERSITY	OR	Public	689	2.5
UNIVERSITY OF ARIZONA	AZ	Public	643	2.3
UNIVERSITY OF SAN DIEGO	CA	Private	628	2.3
UNIVERSITY OF WASHINGTON BOTHELL	WA	Private	621	2.3
LEWIS AND CLARK COLLEGE	OR	Private	620	2.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	614	2.2
UNIVERSITY OF MONTANA	MT	Public	605	2.2
CORNELL UNIVERSITY	NY	Private	577	2.1
WILLAMETTE UNIVERSITY	OR	Private	572	2.1
BOSTON UNIVERSITY	MA	Private	561	2.0
SAINT MARTINS UNIVERSITY	WA	Private	538	1.9
PEPPERDINE UNIVERSITY	CA	Private	501	1.8
ART INSTITUTE OF SEATTLE	WA	Private	482	1.7
UNIVERSITY OF COLORADO BOULDER	CO	Public	472	1.7
BELLEVUE COMMUNITY COLLEGE	WA	Public	466	1.7
BROWN UNIVERSITY	RI	Private	464	1.7
YALE UNIVERSITY	CT	Private	458	1.7
LINFIELD COLLEGE MCMINNVILLE	OR	Private	455	1.6

*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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