



2007 College-Bound Seniors

State Profile Report

NORTH CAROLINA

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	55,114	495	106	509	105	482	103

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	24,637	497	108	526	108	476	104
Female	30,249	494	105	496	101	487	102
No Response**	228	412	101	420	92	397	94

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	40,730	487	103	501	102	475	101
Junior	14,055	517	112	533	109	502	106
Sophomore	281	500	119	521	110	503	123
Freshman	48	468	108	485	121		
Total	55,114	495	106	509	105	482	103

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 55,114 students in this report, 54,929 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	570	580	550	580	590	570
50th	490	510	480	500	510	490
25th	420	430	410	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	321	373	694	495	217	712	169	263	432
700–749	582	694	1,277	865	516	1,381	360	562	924
650–699	1,336	1,417	2,754	2,236	1,626	3,863	982	1,368	2,350
600–649	2,490	2,698	5,195	2,943	2,668	5,616	1,792	2,431	4,231
550–599	3,197	3,819	7,031	4,095	4,307	8,420	2,870	3,656	6,532
500–549	4,141	5,333	9,497	4,270	5,461	9,756	3,871	5,159	9,046
450–499	4,378	5,659	10,067	3,924	5,716	9,677	4,553	5,818	10,401
400–449	3,977	5,223	9,248	3,002	5,052	8,103	4,405	5,290	9,735
350–399	2,422	2,996	5,462	1,699	2,827	4,570	3,211	3,603	6,868
300–349	1,165	1,377	2,574	726	1,256	2,012	1,567	1,449	3,064
250–299	419	454	890	250	410	672	546	378	939
200–249	209	206	425	132	193	332	226	172	407

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	48,677	92	44	55	491	508	477
Religiously Affiliated	2,614	5	46	54	532	517	524
Independent	1,878	4	53	47	561	564	555
Other or Unknown	1,945						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	54,186	98	495	106	509	105	482	103
Nonstandard Conditions	928	2	507	114	525	117	493	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	646	1	457	98	474	94	444	90
Asian, Asian American, or Pacific Islander	1,965	4	502	121	562	120	491	120
Black or African American	11,663	21	421	87	430	87	409	82
Mexican or Mexican American	531	1	462	97	480	92	441	91
Puerto Rican	306	1	478	96	485	99	464	97
Other Hispanic, Latino, or Latin American	967	2	490	101	493	101	470	96
White	35,017	64	520	98	535	95	508	96
Other	1,341	2	495	105	504	103	481	101
No Response	2,678	5	498	122	501	114	480	116
Total	55,114	100	495	106	509	105	482	103

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	280	1	460	100	491	100	438	91
Asian, Asian American, or Pacific Islander	962	2	503	120	577	119	484	119
Black or African American	4,801	9	417	90	436	91	398	83
Mexican or Mexican American	223	0	463	95	498	94	435	92
Puerto Rican	127	0	479	95	501	98	457	101
Other Hispanic, Latino, or Latin American	423	1	496	105	515	103	469	100
White	15,983	29	522	99	552	96	501	97
Other	550	1	498	107	526	103	478	103
No Response	1,288	2	499	121	517	116	473	112
Total	24,637	45	497	108	526	108	476	104

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	363	1	456	95	462	87	448	89
Asian, Asian American, or Pacific Islander	1,000	2	502	122	549	119	498	120
Black or African American	6,766	12	424	85	426	84	418	80
Mexican or Mexican American	301	1	462	97	467	87	446	91
Puerto Rican	178	0	478	96	475	97	471	91
Other Hispanic, Latino, or Latin American	542	1	486	99	476	97	472	93
White	18,977	34	520	97	521	92	514	94
Other	785	1	493	103	489	101	484	100
No Response	1,337	2	500	123	489	109	491	117
Total	30,249	55	494	105	496	101	487	102

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	55,114	100	495	106	509	105	482	103
First Language Learned								
English	48,331	90	498	105	510	104	485	102
English and Another	3,558	7	480	106	499	108	467	103
Another Language	1,662	3	471	117	525	125	463	116
No Response	1,563							
Citizenship								
U.S. Citizen / U.S. National	50,561	97	496	105	509	104	483	102
U.S. Permanent Resident or Refugee	955	2	480	124	517	123	470	122
Citizen of Another Country	439	1	473	118	548	130	473	117
Other, Unknown, or No Response	3,159							
Disabling Condition								
Yes	3,783	7	481	109	495	107	464	103
Unknown or No Response	51,331							
Plans to Apply for Financial Aid								
Yes	36,773	72	488	106	500	104	474	102
No	3,442	7	522	102	542	102	514	100
Don't Know	11,058	22	512	103	529	103	500	102
Family Income								
Less than \$10,000	1,599	4	414	95	427	95	403	87
\$10,000–\$20,000	3,166	8	445	99	461	98	431	91
\$20,000–\$30,000	3,051	8	445	96	459	94	429	89
\$30,000–\$40,000	3,885	10	468	99	483	99	455	95
\$40,000–\$50,000	3,670	9	481	97	496	98	466	93
\$50,000–\$60,000	3,737	10	486	96	500	97	472	92
\$60,000–\$70,000	3,374	9	498	97	511	96	484	95
\$70,000–\$80,000	3,522	9	506	100	520	99	493	98
\$80,000–\$100,000	5,299	13	516	99	533	97	504	95
More than \$100,000	8,017	20	536	101	551	99	526	99
No Response	15,794							
Highest Level of Parental Education								
No High School Diploma	1,086	2	421	94	450	95	408	87
High School Diploma	17,080	33	458	95	474	95	444	89
Associate Degree	6,416	12	473	93	491	94	460	88
Bachelor's Degree	16,649	32	511	100	524	100	499	97
Graduate Degree	11,227	21	553	107	562	106	540	105
Took the PSAT/NMSQT®								
Yes, As a Junior	10,934	23	481	101	492	100	466	97
Yes, As a Sophomore or Younger	14,293	30	497	103	515	102	484	99
Yes, As a Junior and As a Sophomore or Younger	15,322	32	526	105	537	104	515	103
No	7,420	15	459	104	472	102	443	97

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	9,924	28	40	60	576	594	565
Second Tenth	9,134	25	44	56	512	532	500
Second Fifth	7,818	22	46	53	476	494	462
Final Three Fifths	9,070	25	47	52	431	445	420
No Response	19,168						

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)	4,459	9	38	62	584	602	574
A (93–96)	12,478	24	38	62	546	563	535
A- (90–92)	10,068	19	43	57	511	527	499
B (80–89)	20,458	39	48	52	461	473	447
C (70–79)	4,789	9	56	43	409	417	395
D, E, or F (below 70)	146	0	62	37	390	400	372
No Response	2,716						
Mean Grade Point Average	All Students: 3.43		Male: 3.35		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	1.7	2.1	1.9	3.77	3.88	3.84
English	3.8	3.8	3.8	3.28	3.49	3.40
Foreign and Classical Languages	2.4	2.5	2.4	3.17	3.41	3.30
Mathematics	3.9	3.9	3.9	3.17	3.18	3.17
Natural Sciences	3.5	3.5	3.5	3.31	3.34	3.33
Social Sciences and History	3.5	3.4	3.5	3.39	3.41	3.40
Total for All Subjects	18.8	19.2	19.0			

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	20,986	48	40	60	536	546	524
19 or 19.5 Years	4,939	11	46	53	494	510	481
18 or 18.5 Years	5,005	11	47	53	473	491	460
17 or 17.5 Years	4,081	9	46	53	463	480	449
16 or 16.5 Years	3,049	7	46	54	451	468	436
15 or 15.5 Years	2,017	5	46	53	453	468	440
Less than 15 Years	4,072	9	47	52	445	468	432
Incomplete Response	10,965						

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
More Than 4 Years	2,372	5	40	59	520	525	508
4 Years	36,958	77	45	55	503	517	490
3 Years	7,033	15	42	57	464	478	452
2 Years	1,299	3	46	53	469	498	458
1 Year	193	0	43	56	440	471	427
1/2 Year or Less	128	0	52	48	413	442	407
No Response	7,131						
Course Work or Experience							
American Literature	34,013	90	44	56	513	526	500
Composition	24,344	64	43	56	522	532	509
British Literature	18,503	49	43	57	529	535	514
World Literature*	18,630	49	42	58	522	531	508
English As Second Language	1,399	4	41	59	437	481	430
AP®/Honors Courses	27,850	58	40	60	534	545	521

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	5,643	12	47	53	521	557	508
4 Years	33,132	69	44	56	502	513	489
3 Years	7,739	16	42	57	465	474	451
2 Years	1,245	3	44	56	467	483	451
1 Year	187	0	48	51	438	460	431
1/2 Year or Less	119	0	44	55	413	419	401
No Response	7,049						
Course Work or Experience							
Algebra	47,218	97	44	56	496	509	483
Geometry	45,742	94	44	56	495	508	482
Trigonometry	12,514	26	47	53	528	549	515
Precalculus	26,110	54	44	55	532	557	520
Calculus	13,058	27	48	52	560	595	549
Other Math Courses	18,722	39	42	58	495	505	481
AP/Honors Courses	22,279	46	44	56	544	570	532

*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	3,815	8	45	54	542	568	528
4 Years	22,167	46	45	55	515	529	503
3 Years	17,651	37	42	57	473	483	460
2 Years	3,006	6	49	50	469	489	454
1 Year	769	2	47	53	455	475	445
1/2 Year or Less	348	1	41	58	421	439	411
No Response	7,358						
Course Work or Experience							
Biology	47,344	99	44	56	497	511	485
Chemistry	38,470	80	43	57	513	528	500
Physics	17,650	37	51	48	518	541	505
Geology, Earth, or Space Science	40,478	84	43	56	494	509	481
Other Sciences	21,654	45	41	59	492	504	479
AP/Honors Courses	23,227	49	42	57	543	560	530

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	2,859	6	44	55	544	549	528
4 Years	20,183	42	46	54	522	530	508
3 Years	21,442	45	42	58	474	492	462
2 Years	2,629	5	49	50	465	492	453
1 Year	517	1	47	52	445	473	434
1/2 Year or Less	221	0	40	58	408	433	398
No Response	7,263						
Course Work or Experience							
U.S. History	46,529	97	44	56	497	511	485
World History or Cultures	43,874	91	44	56	498	513	486
U.S. Government or Civics	43,123	90	44	56	498	512	485
Economics	21,047	44	41	59	503	518	492
Geography	4,893	10	47	52	500	505	488
Psychology	14,126	29	34	66	521	526	508
European History	7,279	15	47	53	550	551	533
Sociology	6,156	13	32	68	499	503	485
Ancient History	2,324	5	48	52	521	519	504
Other Courses	7,465	16	44	56	513	521	499
AP/Honors Courses	24,882	52	42	58	539	552	526

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
More Than 4 Years	1,388	3	36	64	573	586	567
4 Years	7,407	15	40	60	568	575	558
3 Years	10,639	22	40	60	522	535	511
2 Years	21,514	45	47	52	473	488	458
1 Year	5,139	11	45	54	455	474	440
1/2 Year or Less	1,858	4	47	52	419	439	406
No Response	7,169						
Course Work or Experience							
Chinese	258	1	48	52	530	584	515
French	7,047	15	38	62	518	522	503
German	1,637	3	54	46	543	548	520
Greek	156	0	45	55	580	557	558
Hebrew	117	0	54	45	602	585	582
Italian	152	0	32	68	531	517	513
Japanese	440	1	58	43	547	560	516
Korean	82	0	48	52	494	581	493
Latin	4,975	10	45	55	545	551	527
Russian	173	0	44	54	477	490	468
Spanish	37,431	78	44	56	490	506	479
Other Languages	695	1	37	62	464	485	458
AP/Honors Courses	11,203	23	38	62	567	578	557

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	2,310	5	35	65	520	526	506
4 Years	8,505	19	36	64	524	529	512
3 Years	5,177	11	36	63	504	509	491
2 Years	7,183	16	40	59	495	507	484
1 Year	9,810	21	48	51	497	515	484
1/2 Year or Less	12,941	28	51	49	476	499	463
No Response	9,188						
Course Work or Experience							
Acting or Play Production	7,983	19	32	68	526	517	511
Art History or Appreciation	8,660	21	42	57	504	514	490
Dance	4,819	11	8	92	485	487	479
Drama: Study or Appreciation	7,210	17	30	70	510	505	497
Music: Study or Appreciation	5,484	13	40	60	521	524	509
Music Performance	15,038	36	37	63	509	517	498
Photography or Film	4,666	11	36	64	517	519	505
Studio Art and Design	7,053	17	39	61	520	529	506
None	9,851	23	57	43	467	491	454
AP/Honors Courses	6,328	14	35	65	551	558	539
Computers							
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	31,394	70	45	55	498	512	485
Computer Programming	9,071	20	52	48	482	504	469
Word Processing	32,660	73	43	56	498	512	485
Internet Activity	26,121	59	44	56	499	514	487
Using Computer Graphics	15,097	34	49	51	498	516	485
Creating Spreadsheets/Databases	23,375	52	44	56	497	514	484
None	5,074	11	36	64	516	525	505

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
3,562	8,669	3,435	635	646	622

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	520	15
2	1,313	37
3	1,469	41
4 or More	260	7

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*	10	581		10	628		647		593	
Literature	1,305	626	112	1,225	654	101	627	95	634	100
History and Social Studies										
U.S. History	1,629	644	97	1,572	657	88	648	89	642	90
World History	114	606	120	105	643	111	623	102	621	99
Mathematics										
Mathematics Level 1	1,045	595	111	963	604	106	617	99	589	105
Mathematics Level 2	2,002	660	93	1,972	643	92	678	77	633	89
Science										
Biology-E	297	618	107	285	633	99	629	106	608	102
Biology-M	317	659	90	309	649	87	668	80	636	82
Chemistry	653	662	99	641	651	92	692	80	642	89
Physics	369	675	85	362	655	89	712	67	640	83
Foreign and Classical Languages										
Chinese/Listening	38	772	62	35	613	120	718	57	595	109
French	165	619	117	162	667	86	658	78	663	84
French/Listening	37	613	111	37	671	76	631	76	658	62
German	14	584		14	678		656		676	
German/Listening	25	576	104	25	674	84	638	77	656	85
Modern Hebrew										
Italian										
Japanese/Listening	21	716		21	578		694		585	
Korean/Listening	23	789		19	442		665		483	
Latin	78	615	97	77	703	75	673	65	686	76
Spanish	435	604	128	431	651	89	651	85	648	93
Spanish/Listening	92	624	107	92	660	87	641	83	651	84

*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			161	12	204	13	13	11
700–749	1	10	260	20	318	20	18	16
650–699	1	10	258	20	395	24	17	15
600–649	3	30	199	15	283	17	16	14
550–599	2	20	137	10	172	11	19	17
500–549	1	10	94	7	114	7	9	8
450–499	1	10	70	5	70	4	6	5
400–449	1	10	69	5	38	2	7	6
350–399			42	3	30	2	8	7
300–349			14	1	4	0	1	1
250–299			1	0	1	0		
200–249								
Total	10		1,305		1,629		114	
Mean	581		626		644		606	
SD			112		97		120	
75th percentile			710		710		700	
50th percentile			650		660		620	
25th percentile			560		590		510	

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	52	5	458	23	33	11	54	17	156	24	83	22
700–749	161	15	309	15	36	12	68	21	126	19	86	23
650–699	184	18	358	18	73	25	74	23	108	17	75	20
600–649	200	19	379	19	44	15	55	17	100	15	57	15
550–599	132	13	277	14	42	14	36	11	74	11	36	10
500–549	99	9	139	7	30	10	12	4	40	6	25	7
450–499	81	8	50	2	16	5	11	3	33	5	5	1
400–449	78	7	21	1	10	3	3	1	11	2	2	1
350–399	43	4	11	1	10	3	2	1	5	1		
300–349	15	1			2	1	2	1				
250–299					1	0						
200–249												
Total	1,045		2,002		297		317		653		369	
Mean	595		660		618		659		662		675	
SD	111		93		107		90		99		85	
75th percentile	680		740		690		720		740		740	
50th percentile	610		660		640		670		680		680	
25th percentile	520		600		550		610		590		620	

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	34	89	23	14	5	14	2	14	2	8		
700–749	1	3	29	18	7	19	2	14	1	4		
650–699	2	5	31	19	4	11			3	12		
600–649			20	12	2	5	2	14	4	16		
550–599			16	10	6	16	1	7	5	20		
500–549			15	9	6	16	3	21	5	20		
450–499			13	8	5	14	2	14	2	8		
400–449	1	3	13	8	2	5	2	14	1	4		
350–399			4	2					2	8		
300–349			1	1								
250–299												
200–249												
Total	38		165		37		14		25			
Mean	772		619		613		584		576			
SD	62		117		111				104			
75th percentile	800		710		700				620			
50th percentile	790		640		590				560			
25th percentile	770		520		500				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			13	62	23	100	7	9	62	14	15	16
700–749			2	10			12	15	56	13	10	11
650–699			1	5			15	19	60	14	17	18
600–649			2	10			12	15	73	17	17	18
550–599							13	17	56	13	11	12
500–549			2	10			8	10	42	10	10	11
450–499							7	9	28	6	8	9
400–449							4	5	21	5	2	2
350–399			1	5					20	5	2	2
300–349									13	3		
250–299									4	1		
200–249												
Total			21		23		78		435		92	
Mean			716		789		615		604		624	
SD							97		128		107	
75th percentile			790		800		690		700		700	
50th percentile			780		790		610		620		620	
25th percentile			610		780		540		520		550	

College Plans

Table 27: Intended College Major, Degree-Level Goal

SAT Reasoning Test	Test-Takers		Mean Scores		
	Intended College Major	Number	Pct	Critical Reading	Mathematics
Agriculture, Agriculture Operations, and Related Sciences	358	1	471	484	449
Architecture and Related Services	1,050	3	479	529	469
Area, Ethnic, Cultural and Gender Studies	15	0	507	480	467
Biological and Biomedical Sciences	2,078	5	531	540	518
Business Management, Marketing, and Related Support Services	5,122	13	471	494	460
Communication, Journalism and Related Programs	1,174	3	522	501	511
Computer and Information Sciences and Support Services	1,409	3	486	514	463
Construction Trades	54	0	426	469	410
Education	3,550	9	477	487	468
Engineering	3,176	8	508	561	487
Engineering Technologies/Technicians	325	1	437	478	418
English Language and Literature/Letters	483	1	598	535	575
Family and Consumer Sciences/Human Sciences	170	0	470	475	459
Foreign Languages, Literatures, and Linguistics	285	1	584	549	572
Health Professions and Related Clinical Services	9,834	24	477	494	471
History	428	1	566	528	533
Legal Professions and Studies	987	2	508	502	487
Liberal Arts and Sciences, General Studies, and Humanities	143	0	540	516	517
Library Science/Librarianship	20	0	579	492	539
Mathematics and Statistics	294	1	530	604	517
Mechanic and Repair Technologies/Technician	175	0	437	464	419
Military Sciences	209	1	511	520	478
Multi/Interdisciplinary Studies	81	0	568	567	552
Natural Resources and Conservation	154	0	479	497	463
Parks, Recreation, Leisure and Fitness Studies	199	0	432	450	411
Personal and Culinary Services	143	0	439	449	428
Philosophy and Religious Studies	124	0	563	543	535
Physical Sciences	561	1	553	578	533
Precision Production	7	0	414	479	393
Psychology	1,471	4	497	486	483
Public Administration and Social Services Professions	239	1	462	457	457
Security and Protective Services	678	2	456	466	442
Social Sciences	808	2	555	531	531
Theology and Religious Vocations	136	0	547	541	519
Transportation and Materials Moving	29	0	486	489	473
Visual and Performing Arts	3,345	8	514	506	500
Other	172	0	437	453	425
Undecided	820	2	513	535	499
Degree-Level Goal					
Certificate Program	430	1	437	452	420
Associate Degree	680	1	411	422	403
Bachelor's Degree	16,008	31	471	487	458
Master's Degree	14,431	28	502	515	489
Doctoral or Related Degree	9,892	19	526	538	513
Other	285	1	435	451	424
Undecided	9,381	18	511	524	498

College Plans

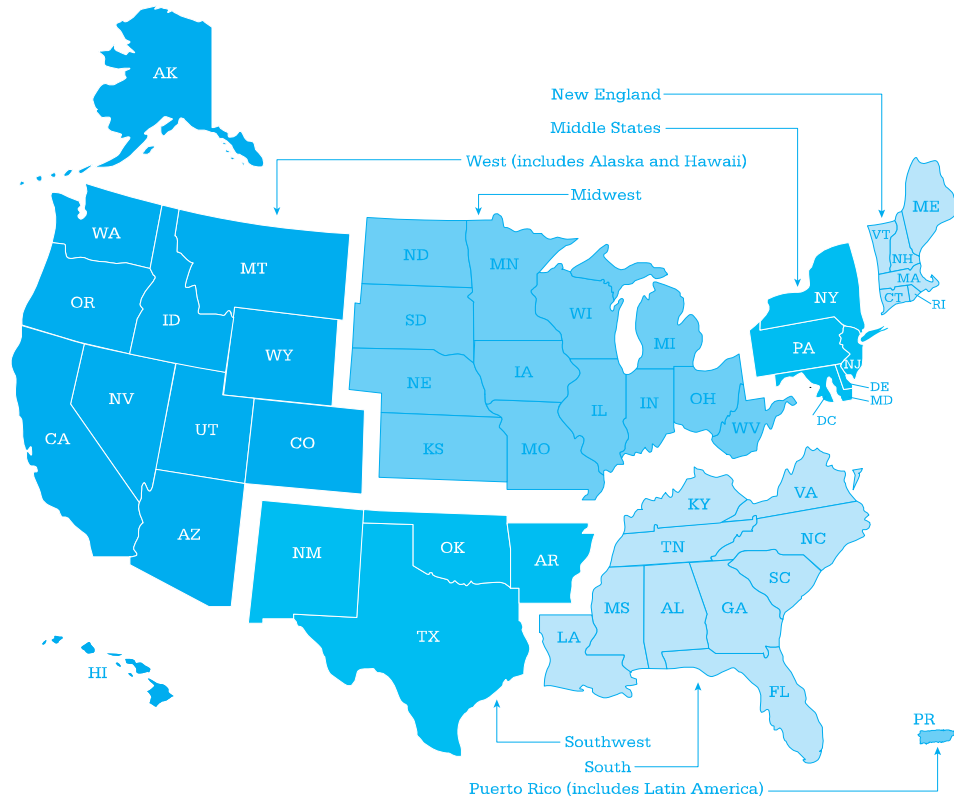
Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 55,241 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 46,139 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 2,146 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	20,007	43.4
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	17,538	38.0
EAST CAROLINA UNIVERSITY	NC	Public	14,002	30.3
APPALACHIAN STATE UNIVERSITY	NC	Public	13,819	30.0
UNIVERSITY OF NORTH CAROLINA WILMINGTON	NC	Public	12,528	27.2
UNIVERSITY OF NORTH CAROLINA GREENSBORO	NC	Public	11,731	25.4
UNIVERSITY NORTH CAROLINA CHARLOTTE	NC	Public	11,172	24.2
DUKE UNIVERSITY	NC	Private	5,051	10.9
WESTERN CAROLINA UNIVERSITY	NC	Public	4,977	10.8
WAKE FOREST UNIVERSITY	NC	Private	4,730	10.3
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	3,745	8.1
ELON UNIVERSITY	NC	Private	3,699	8.0
UNIVERSITY NORTH CAROLINA ASHEVILLE	NC	Public	3,385	7.3
WINSTON-SALEM STATE UNIVERSITY	NC	Public	3,316	7.2
NORTH CAROLINA CENTRAL UNIVERSITY	NC	Public	3,123	6.8
CAMPBELL UNIVERSITY	NC	Private	2,696	5.8
UNIVERSITY OF NORTH CAROLINA PEMBROKE	NC	Public	2,693	5.8
FAYETTEVILLE STATE UNIVERSITY	NC	Public	2,315	5.0
NCAA INITIAL ELIG CLEARINGHSE	IA	Scholarship	2,122	4.6
CLEMSON UNIVERSITY	SC	Public	1,997	4.3
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	1,645	3.6
MEREDITH COLLEGE	NC	Private	1,566	3.4
WINGATE UNIVERSITY	NC	Private	1,386	3.0
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	1,354	2.9
DAVIDSON COLLEGE	NC	Private	1,334	2.9
HIGH POINT UNIVERSITY	NC	Private	1,286	2.8
ELIZABETH CITY STATE UNIVERSITY	NC	Public	1,184	2.6
UNIVERSITY OF GEORGIA ATHENS	GA	Public	1,179	2.6
GARDNER-WEBB UNIVERSITY	NC	Private	1,139	2.5
LENOIR-RHYNE COLLEGE	NC	Private	1,128	2.4
UNIVERSITY OF VIRGINIA	VA	Public	1,119	2.4
NORTH CAROLINA SCHOOL SCIENCE MATH	NC	Scholarship	1,118	2.4
COLLEGE OF CHARLESTON	SC	Public	1,046	2.3
GUILFORD COLLEGE	NC	Private	966	2.1
NORTH CAROLINA TEACHING FELLOWSHIP PROGR	NC	Scholarship	893	1.9
NEW YORK UNIVERSITY	NY	Private	846	1.8
GREENSBORO COLLEGE	NC	Private	833	1.8
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	827	1.8
NORTH CAROLINA SCHOOL OF THE ARTS	NC	Public	823	1.8
LIBERTY UNIVERSITY	VA	Private	768	1.7
CATAWBA COLLEGE	NC	Private	727	1.6
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	718	1.6
QUEENS UNIVERSITY OF CHARLOTTE	NC	Private	715	1.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	698	1.5
UNIVERSITY OF TENNESSEE KNOXVILLE	TN	Public	664	1.4

*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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