



2008 College-Bound Seniors

# State Profile Report

NORTH CAROLINA

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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## The SAT® Program

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

## Using This Report

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

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

Keep in mind, however, that:

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

## Statistical Definitions

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

### Mean

The *mean* is the arithmetic average.

### Percentile

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

### Scaled score

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

### Standard deviation (SD)

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

## The College Board: Connecting Students to College Success

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

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

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

# Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

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

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

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## SAT Reasoning Test™ Data

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

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total	56,442	496	105	511	105	482	103	48.4	10.5	6.9	1.6

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Male	25,597	498	108	527	109	474	103	48.0	10.4	6.7	1.7
Female	30,797	494	103	498	101	489	103	48.8	10.5	7.1	1.5
No Response**	48	431	80	455	79	419	73	42.0	7.6	6.3	1.3

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 Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Senior (2007-2008)	42,511	487	103	503	103	473	100	47.6	10.2	6.8	1.6
Junior (2006-2007)	13,595	521	110	538	108	508	107	51.0	10.8	7.2	1.6
Sophomore (2005-2006)	288	503	108	524	105	479	107	48.2	10.8	6.9	1.6
Freshman (2004-2005)	48	485	108	534	114	466	73	47.8	7.5	6.4	1.4
Total	56,442	496	105	511	105	482	103	48.4	10.5	6.9	1.6

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

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 56,442 students in this report, 56,407 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

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

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

## SAT Reasoning Test Data

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

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

SAT Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	570	590	550	580	590	570
50th	490	510	480	500	510	490
25th	420	440	410	420	430	420

**Table 6: Score Distributions**

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	318	319	637	532	257	789	166	290	456
700–740	624	613	1,237	982	589	1,571	411	614	1,025
650–690	1,359	1,484	2,844	2,402	1,645	4,048	952	1,390	2,343
600–640	2,654	2,957	5,611	3,098	2,748	5,847	1,651	2,408	4,059
550–590	3,385	3,930	7,317	4,351	4,861	9,216	3,025	4,070	7,096
500–540	4,405	5,499	9,910	4,396	5,527	9,932	4,083	5,202	9,288
450–490	4,312	5,628	9,947	3,891	5,769	9,668	4,880	5,961	10,850
400–440	4,043	5,177	9,240	2,977	4,755	7,744	4,516	5,250	9,782
350–390	2,714	3,245	5,964	1,847	2,903	4,760	3,327	3,481	6,821
300–340	1,142	1,308	2,455	741	1,220	1,964	1,748	1,540	3,292
250–290	460	435	896	252	360	612	614	416	1,031
200–240	181	202	384	128	163	291	201	163	364

**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	48,054	91	45	55	492	511	478
Religiously Affiliated	2,626	5	46	54	536	527	526
Independent	1,976	4	52	48	566	572	561
Other or Unknown	3,786						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	55,562	98	495	105	511	105	482	103
Nonstandard Conditions	880	2	504	107	521	117	495	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	705	1	450	102	467	94	435	93
Asian, Asian American, or Pacific Islander	2,095	4	506	121	566	119	501	121
Black or African American	12,504	22	421	88	431	87	409	83
Mexican or Mexican American	634	1	461	94	481	93	445	90
Puerto Rican	315	1	479	103	485	101	459	100
Other Hispanic, Latino, or Latin American	1,150	2	486	98	494	100	468	97
White	36,081	64	523	97	539	95	509	95
Other	1,323	2	501	104	504	103	481	104
No Response	1,635	3	494	116	499	111	474	111
Total	56,442	100	496	105	511	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	294	1	451	107	486	101	427	94
Asian, Asian American, or Pacific Islander	996	2	501	122	576	118	486	121
Black or African American	5,269	9	418	89	438	92	399	84
Mexican or Mexican American	275	0	461	96	499	93	438	86
Puerto Rican	149	0	473	107	495	99	446	99
Other Hispanic, Latino, or Latin American	532	1	491	101	513	99	464	96
White	16,686	30	524	99	555	96	499	96
Other	562	1	502	109	521	106	472	106
No Response	834	1	495	119	513	116	468	112
Total	25,597	45	498	108	527	109	474	103

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	410	1	449	98	453	86	441	92
Asian, Asian American, or Pacific Islander	1,099	2	510	120	557	119	514	120
Black or African American	7,216	13	423	86	426	83	417	82
Mexican or Mexican American	358	1	462	92	467	90	451	93
Puerto Rican	166	0	485	100	476	102	470	99
Other Hispanic, Latino, or Latin American	617	1	483	95	478	98	471	98
White	19,377	34	521	95	525	91	517	95
Other	761	1	499	100	491	100	488	102
No Response	793	1	493	113	485	105	481	110
Total	30,797	55	494	103	498	101	489	103

## 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	56,442	100	496	105	511	105	482	103
<b>First Language Learned</b>								
English	46,617	90	494	103	508	103	480	101
English and Another	3,311	6	472	101	492	106	460	101
Another Language	1,708	3	465	107	515	114	459	106
No Response	4,806							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	49,720	97	493	103	507	103	479	101
U.S. Permanent Resident or Refugee	893	2	472	113	515	118	471	109
Citizen of Another Country	389	1	455	111	523	120	450	109
Other, Unknown, or No Response	5,440							
<b>Disabling Condition</b>								
Yes	3,719	7	485	106	494	104	465	102
Unknown or No Response	52,723							
<b>Plans to Apply for Financial Aid</b>								
Yes	35,560	73	484	103	498	102	470	100
No	3,259	7	516	98	537	98	506	99
Don't Know	10,194	21	510	102	529	102	498	102
<b>Family Income</b>								
\$0 - \$20,000	3,898	10	425	94	439	95	413	87
\$20,000–\$40,000	6,952	18	457	97	470	96	442	92
\$40,000–\$60,000	6,885	18	481	96	496	96	465	93
\$60,000–\$80,000	6,651	17	494	95	512	95	480	93
\$80,000–\$100,000	4,990	13	509	95	526	95	494	93
\$100,000–\$120,000	3,541	9	519	97	535	96	504	94
\$120,000–\$140,000	1,764	5	522	93	541	92	510	92
\$140,000–\$160,000	1,245	3	528	99	545	98	517	98
\$160,000–\$200,000	1,232	3	534	98	551	98	521	99
More than \$200,000	1,679	4	551	99	568	97	543	99
No Response	17,605							
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,093	2	425	89	446	94	413	83
High School Diploma	16,632	33	456	93	472	94	442	89
Associate Degree	6,327	13	472	92	490	93	457	88
Bachelor's Degree	15,721	31	508	98	524	99	495	97
Graduate Degree	10,223	20	548	104	558	103	535	103
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	12,094	26	481	99	495	98	465	94
Yes, As a Sophomore or Younger	12,550	27	487	98	506	98	474	96
Yes, As a Junior and As a Sophomore or Younger	15,334	33	523	105	537	103	512	103
No	6,689	14	453	98	466	99	435	93

## Academic Information

### Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	8,456	26	40	60	571	591	560
Second Tenth	8,467	26	43	57	509	532	496
Second Fifth	7,150	22	47	53	473	494	459
Final Three Fifths	7,951	25	48	52	432	445	419
No Response	24,418						

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)	3,301	7	40	60	578	599	567
A (93–96)	11,475	23	38	62	544	565	534
A- (90–92)	9,948	20	42	58	509	527	496
B (80–89)	21,013	42	48	52	460	473	445
C (70–79)	4,575	9	58	42	410	418	394
D, E, or F (below 70)	104	0	58	42	401	399	386
No Response	6,026						
<b>Mean Grade Point Average</b>	<b>All Students: 3.40</b>		<b>Male: 3.32</b>		<b>Female: 3.47</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	1.7	2.1	1.9	3.71	3.86	3.79
English and Language Arts	3.8	3.9	3.9	3.27	3.49	3.39
Foreign and Classical Languages	2.4	2.5	2.4	3.14	3.39	3.28
Mathematics	3.9	3.9	3.9	3.14	3.16	3.15
Natural Sciences	3.5	3.5	3.5	3.29	3.32	3.31
Social Sciences and History	3.5	3.4	3.5	3.35	3.38	3.37
<b>Total for All Subjects</b>	<b>18.8</b>	<b>19.3</b>	<b>19.1</b>			

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	1,733	4	42	58	518	526	503
4 Years	37,106	81	45	55	497	512	483
3 Years	6,232	14	44	56	465	480	452
2 Years	767	2	51	49	476	503	462
1 Year	151	0	41	59	437	449	436
1/2 Year or Less	96	0	49	50	421	440	405
No Response	10,357						
<b>Course Work or Experience</b>							
English/Language Arts	42,365	96	44	56	494	508	480
Journalism	5,224	12	33	67	502	503	492
Creative Writing	8,737	20	39	61	491	494	479
American Literature	20,229	46	43	57	508	519	494
Composition/Writing	11,967	27	41	59	501	509	488
British Literature	11,431	26	43	57	516	524	501
World Literature	15,958	36	43	57	508	519	494
Communications	3,904	9	43	57	476	490	465
Public Speaking	5,429	12	41	59	503	507	491
English As Second Language	1,395	3	43	57	432	471	427
AP®/Honors Courses	26,725	58	40	60	527	540	514

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	4,971	11	48	52	511	550	497
4 Years	33,143	72	44	56	497	510	483
3 Years	6,964	15	44	56	464	472	450
2 Years	840	2	49	51	471	482	455
1 Year	122	0	44	56	437	424	423
1/2 Year or Less	118	0	37	63	406	425	397
No Response	10,284						
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	10,603	23	48	52	555	595	544
Pre-calculus	13,792	30	43	57	505	523	491
Trigonometry	3,096	7	44	56	475	485	462
Algebra II	17,373	37	43	57	454	456	439
Algebra I	1,124	2	48	52	397	380	380
AP/Honors Courses	21,227	46	44	56	536	564	523

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

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

<b>Natural Sciences</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	3,248	7	45	55	531	560	516
4 Years	21,420	47	45	55	510	526	496
3 Years	17,874	39	43	57	470	483	457
2 Years	2,327	5	50	50	472	488	457
1 Year	610	1	47	53	464	478	447
1/2 Year or Less	271	1	38	62	423	433	411
No Response	10,692						
<b>Course Work or Experience</b>							
Biology	44,899	99	44	56	493	508	479
Chemistry	35,876	79	43	57	509	526	495
Physics	14,842	33	51	49	508	531	494
Geology, Earth, or Space Science	39,011	86	44	56	489	505	475
Other Sciences	19,792	43	41	59	484	499	471
AP/Honors Courses	22,094	48	42	58	535	555	522

<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	2,381	5	46	54	545	549	526
4 Years	19,350	42	46	54	516	527	502
3 Years	21,526	47	42	57	469	489	457
2 Years	2,098	5	51	49	468	492	452
1 Year	337	1	44	55	447	461	433
1/2 Year or Less	186	0	44	56	425	444	426
No Response	10,564						
<b>Course Work or Experience</b>							
U.S. History	44,250	97	44	56	493	508	479
World History or Cultures	41,380	91	44	56	495	510	481
U.S. Government or Civics	40,747	89	44	56	493	508	479
Economics	21,068	46	41	59	499	515	487
Geography	4,190	9	47	52	500	502	486
Psychology	13,177	29	34	65	515	521	502
European History	5,836	13	46	54	544	546	527
Sociology	5,702	13	34	66	498	501	482
Ancient History	2,585	6	47	53	521	521	505
Other Courses	5,860	13	42	58	504	511	489
AP/Honors Courses	24,049	52	42	58	532	547	518

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

<b>Foreign and Classical Languages</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,043	2		38	62	567	578	557
4 Years	6,907	15		38	62	555	565	547
3 Years	10,119	22		41	59	516	531	505
2 Years	22,035	48		48	52	471	488	455
1 Year	4,457	10		46	54	459	475	442
1/2 Year or Less	1,456	3		49	51	421	431	402
No Response	10,425							
<b>Course Work or Experience</b>								
Chinese	203	0		48	52	524	562	513
French	6,297	14		37	63	514	520	498
German	1,367	3		58	42	542	546	514
Greek	105	0		49	50	569	554	546
Hebrew	77	0		45	55	566	560	553
Italian	109	0		45	55	529	523	511
Japanese	377	1		57	43	545	549	512
Korean	35	0		29	71	493	597	512
Latin	4,218	9		44	56	537	545	518
Russian	99	0		33	67	501	507	497
Spanish	35,561	78		44	55	486	503	474
Other Languages	620	1		38	62	447	465	442
AP/Honors Courses	10,324	22		38	62	556	571	547

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	2,312	5	36	64	513	521	496
4 Years	8,480	19	36	64	518	524	505
3 Years	5,072	12	35	65	496	503	484
2 Years	7,111	16	41	59	490	504	478
1 Year	8,917	20	48	52	490	509	476
1/2 Year or Less	12,184	28	52	48	475	499	460
No Response	12,366						
<b>Course Work or Experience</b>							
Acting or Play Production	7,523	18	32	68	525	518	509
Art History or Appreciation	7,864	19	42	58	496	506	481
Dance	4,880	12	7	93	483	486	476
Drama: Study or Appreciation	7,228	17	29	71	507	503	492
Music: Study or Appreciation	4,833	12	42	58	518	520	504
Music Performance	14,968	36	38	62	509	518	497
Photography or Film	4,407	11	36	64	511	514	498
Studio Art and Design	6,487	16	37	63	519	526	505
None	10,225	24	58	42	470	496	455
AP/Honors Courses	5,934	13	36	64	545	553	532

<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	30,536	71	45	55	495	510	481
Computer Programming	9,018	21	51	49	472	494	458
Word Processing	31,539	74	44	56	495	510	481
Internet Activity	25,560	60	44	56	495	510	481
Using Computer Graphics	14,843	35	50	50	493	512	478
Creating Spreadsheets/Databases	22,582	53	45	55	492	511	478
None	4,112	10	36	64	506	516	494

## SAT Subject Tests™ Data

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

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
3,541	8,502	3,423	635	652	626

  

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	504	14
2	1,396	39
3	1,421	40
4 or More	220	6

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

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	1,281	627	112	1,206	652	99	630	93	638	99
<b>History and Social Studies</b>										
U.S. History	1,600	652	96	1,550	649	90	650	84	639	89
World History	119	614	113	117	650	98	651	98	651	91
<b>Mathematics</b>										
Mathematics Level 1	1,047	604	109	970	607	106	626	98	599	107
Mathematics Level 2	2,006	667	94	1,980	642	92	682	77	636	90
<b>Science</b>										
Biology-E	307	625	110	293	643	94	647	92	631	94
Biology-M	342	659	90	336	652	88	671	79	647	86
Chemistry	670	661	97	660	653	90	701	75	647	86
Physics	332	673	86	327	652	90	709	66	638	85
<b>Foreign and Classical Languages</b>										
Chinese/Listening	48	765	53	43	622	151	698	68	614	127
French	135	629	109	133	679	82	672	71	676	83
French/Listening	42	588	69	42	645	73	655	67	647	79
German	16	661		16	653		663		653	
German/Listening	10	626		10	673		652		659	
Modern Hebrew	4			4						
Italian	3			3						
Japanese/Listening	12	688		11	565		663		561	
Korean/Listening	30	785	34	30	537	110	687	71	546	87
Latin	63	609	114	63	686	78	683	76	676	71
Spanish	373	609	118	369	640	97	651	90	642	95
Spanish/Listening	62	590	115	60	646	84	639	83	646	75

## SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	162	13	265	17	18	15
700-740	251	20	333	21	18	15
650-690	266	21	359	22	13	11
600-640	176	14	242	15	17	14
550-590	139	11	171	11	19	16
500-540	92	7	113	7	12	10
450-490	75	6	56	4	11	9
400-440	67	5	40	3	9	8
350-390	42	3	15	1	2	2
300-340	10	1	6	0		
250-290	1	0				
200-240						
Total	1,281		1,600		119	
Mean	627		652		614	
SD	112		96		113	
75th percentile	710		730		700	
50th percentile	650		670		610	
25th percentile	560		590		540	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	55	5	531	26	37	12	58	17	149	22	78	23
700-740	197	19	315	16	52	17	77	23	134	20	63	19
650-690	179	17	321	16	62	20	76	22	124	19	76	23
600-640	197	19	359	18	57	19	58	17	99	15	56	17
550-590	134	13	275	14	41	13	38	11	74	11	30	9
500-540	90	9	121	6	16	5	16	5	45	7	21	6
450-490	75	7	60	3	18	6	10	3	32	5	5	2
400-440	60	6	18	1	10	3	3	1	11	2	3	1
350-390	46	4	5	0	6	2	5	1	1	0		
300-340	13	1	1	0	7	2	1	0	1	0		
250-290	1	0			1	0						
200-240												
Total	1,047		2,006		307		342		670		332	
Mean	604		667		625		659		661		673	
SD	109		94		110		90		97		86	
75th percentile	690		750		700		730		740		740	
50th percentile	620		670		640		670		670		680	
25th percentile	530		600		560		610		600		620	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	40	83	19	14			4	25	3	30	2	50
700-740	3	6	23	17	3	7	2	13	1	10		
650-690	3	6	23	17	7	17	3	19	1	10	1	25
600-640			24	18	9	21	3	19			1	25
550-590	2	4	18	13	11	26	2	13	2	20		
500-540			8	6	10	24	1	6	2	20		
450-490			10	7	1	2	1	6				
400-440			6	4	1	2			1	10		
350-390			3	2								
300-340			1	1								
250-290												
200-240												
Total	48		135		42		16		10		4	
Mean	765		629		588		661		626			
SD	53		109		69							
75th percentile	800		710		640							
50th percentile	780		640		580							
25th percentile	760		560		530							

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	2	67	6	50	29	97	9	14	47	13	9	15
700-740			1	8			5	8	47	13	6	10
650-690			1	8			15	24	64	17	2	3
600-640			1	8	1	3	4	6	66	18	12	19
550-590	1	33					8	13	37	10	10	16
500-540			3	25			8	13	51	14	10	16
450-490							9	14	22	6	6	10
400-440							3	5	15	4	6	10
350-390							2	3	17	5		
300-340									6	2	1	2
250-290									1	0		
200-240												
Total	3		12		30		63		373		62	
Mean			688		785		609		609		590	
SD					34		114		118		115	
75th percentile					800		690		690		650	
50th percentile					790		610		620		580	
25th percentile					790		500		530		510	

## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
<b>Intended College Major</b>					
Agriculture, Agriculture Operations, and Related Sciences	430	1	469	491	455
Architecture and Related Services	934	2	479	525	466
Area, Ethnic, Cultural and Gender Studies	16	0	594	546	556
Biological and Biomedical Sciences	2,053	5	526	541	510
Business Management, Marketing, and Related Support Services	4,975	12	471	496	458
Communication, Journalism and Related Programs	1,273	3	520	500	508
Computer and Information Sciences and Support Services	1,253	3	494	514	462
Construction Trades	61	0	429	488	417
Education	3,493	9	478	490	469
Engineering	3,097	8	504	558	484
Engineering Technologies/Technicians	641	2	452	497	433
English Language and Literature/Letters	425	1	592	538	574
Family and Consumer Sciences/Human Sciences	129	0	460	472	449
Foreign Languages, Literatures, and Linguistics	251	1	576	547	559
Health Professions and Related Clinical Services	9,657	24	476	495	471
History	524	1	544	515	505
Legal Professions and Studies	1,372	3	507	510	491
Liberal Arts and Sciences, General Studies, and Humanities	272	1	560	535	535
Library Science/Librarianship	15	0	623	575	583
Mathematics and Statistics	274	1	525	599	508
Mechanic and Repair Technologies/Technician	175	0	418	459	396
Military Sciences	110	0	511	523	479
Multi/Interdisciplinary Studies	47	0	559	548	533
Natural Resources and Conservation	195	0	503	523	484
Parks, Recreation, Leisure and Fitness Studies	379	1	430	459	414
Personal and Culinary Services	191	0	467	474	446
Philosophy and Religious Studies	103	0	542	541	528
Physical Sciences	491	1	544	568	519
Precision Production					
Psychology	1,785	4	502	490	488
Public Administration and Social Services Professions	215	1	446	446	441
Security and Protective Services	592	1	452	465	435
Social Sciences	658	2	560	538	540
Theology and Religious Vocations	136	0	535	537	516
Transportation and Materials Moving	26	0	453	498	446
Visual and Performing Arts	3,131	8	514	506	498
Other	448	1	473	480	457
Undecided	909	2	514	532	497
<b>Degree-Level Goal</b>					
Certificate Program	391	1	454	462	437
Associate Degree	693	1	418	426	406
Bachelor's Degree	16,056	33	471	488	457
Master's Degree	14,269	29	496	512	482
Doctoral or Related Degree	9,118	19	519	531	507
Other	215	0	428	449	420
Undecided	8,119	17	509	522	494

## College Plans

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

Of the 56,560 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 47,389 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.

<b>Institution</b>	<b>State</b>	<b>Type</b>	<b>Number of Students</b>	<b>Percent of Score Senders*</b>
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	19,869	41.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	16,662	35.2
APPALACHIAN STATE UNIVERSITY	NC	Public	15,231	32.1
EAST CAROLINA UNIVERSITY	NC	Public	15,018	31.7
UNIVERSITY OF NORTH CAROLINA WILMINGTON	NC	Public	12,005	25.3
UNIVERSITY OF NORTH CAROLINA GREENSBORO	NC	Public	11,485	24.2
UNIVERSITY NORTH CAROLINA CHARLOTTE	NC	Public	11,189	23.6
WESTERN CAROLINA UNIVERSITY	NC	Public	5,727	12.1
DUKE UNIVERSITY	NC	Private	4,480	9.5
WAKE FOREST UNIVERSITY	NC	Private	4,441	9.4
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	4,077	8.6
WINSTON-SALEM STATE UNIVERSITY	NC	Public	3,905	8.2
NORTH CAROLINA CENTRAL UNIVERSITY	NC	Public	3,694	7.8
ELON UNIVERSITY	NC	Private	3,594	7.6
UNIVERSITY NORTH CAROLINA ASHEVILLE	NC	Public	3,259	6.9
CAMPBELL UNIVERSITY	NC	Private	2,923	6.2
UNIVERSITY OF NORTH CAROLINA PEMBROKE	NC	Public	2,722	5.7
CLEMSON UNIVERSITY	SC	Public	2,452	5.2
FAYETTEVILLE STATE UNIVERSITY	NC	Public	2,451	5.2
NCAA ELIGIBILITY CENTER	IA	Public	2,170	4.6
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	2,139	4.5
WINGATE UNIVERSITY	NC	Private	1,635	3.5
HIGH POINT UNIVERSITY	NC	Private	1,521	3.2
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	1,513	3.2
DAVIDSON COLLEGE	NC	Private	1,450	3.1
MEREDITH COLLEGE	NC	Private	1,424	3.0
LENOIR-RHYNE COLLEGE	NC	Private	1,389	2.9
ELIZABETH CITY STATE UNIVERSITY	NC	Public	1,384	2.9
GARDNER-WEBB UNIVERSITY	NC	Private	1,334	2.8
NORTH CAROLINA SCHOOL SCIENCE MATH	NC	Scholarship	1,182	2.5
COLLEGE OF CHARLESTON	SC	Public	1,179	2.5
UNIVERSITY OF VIRGINIA	VA	Public	1,171	2.5
UNIVERSITY OF GEORGIA ATHENS	GA	Public	1,145	2.4
NORTH CAROLINA TEACHING FELLOWSHIP PROGR	NC	Scholarship	959	2.0
GUILFORD COLLEGE	NC	Private	951	2.0
LIBERTY UNIVERSITY	VA	Private	944	2.0
CATAWBA COLLEGE	NC	Private	882	1.9
QUEENS UNIVERSITY OF CHARLOTTE	NC	Private	853	1.8
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	830	1.8
BARTON COLLEGE	NC	Private	806	1.7
WAKE TECHNICAL COLLEGE	NC	Public	805	1.7
NEW YORK UNIVERSITY	NY	Private	783	1.7
SHAW UNIVERSITY	NC	Private	780	1.6
GREENSBORO COLLEGE	NC	Private	766	1.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	732	1.5

\*Of your students who designated that their SAT Reasoning Test and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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