

# 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**

# The SAT<sup>®</sup> Program

The SAT Reasoning Test<sup>™</sup> (formerly known as the SAT<sup>®</sup> I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests<sup>™</sup> (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 2006* includes students who tested through April 2006.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2006 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, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

## 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 5,000 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<sup>®</sup>, the PSAT/NMSQT<sup>®</sup>, and the Advanced Placement Program<sup>®</sup> (AP<sup>®</sup>). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities, and concerns.

# Total Group Mean SAT Reasoning Test Scores

## College-Bound Seniors, 1972–2006

<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

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 2000–2006, 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 2006. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through April 2006. 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	52,690	495	106	513	106	485	102

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	23,680	497	108	529	110	477	103
Female	29,010	494	104	500	101	490	101

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	38,613	488	103	506	103	477	99
Junior	13,395	515	112	532	110	510	107
Sophomore	597	497	115	512	112		
Freshman	85	497	127	518	121		
Total	52,690	495	106	513	106	485	102

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	1,465,744	503	113	518	115	497	109

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 52,690 students in this report, 49,726 students have scores on the SAT writing section.

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	600	570
50th	490	510	480	500	520	490
25th	420	440	410	430	440	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	278	324	602	445	184	629	107	221	328
700–749	542	572	1,114	1,077	589	1,666	354	496	850
650–699	1,297	1,411	2,708	1,990	1,495	3,485	812	1,236	2,048
600–649	2,393	2,793	5,186	3,223	2,861	6,084	1,656	2,306	3,962
550–599	3,109	3,678	6,787	3,579	4,215	7,794	2,736	3,615	6,351
500–549	4,229	5,229	9,458	4,302	5,409	9,711	3,670	5,025	8,695
450–499	4,100	5,453	9,553	3,621	5,428	9,049	4,185	5,195	9,380
400–449	3,580	4,707	8,287	2,876	4,600	7,476	3,783	4,547	8,330
350–399	2,375	2,904	5,279	1,501	2,609	4,110	2,878	3,135	6,013
300–349	1,160	1,343	2,503	651	1,063	1,714	1,365	1,239	2,604
250–299	398	401	799	260	385	645	487	379	866
200–249	219	195	414	155	172	327	189	110	299

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	45,532	92	45	55	493	513	481
Religiously Affiliated	2,375	5	46	54	532	521	528
Independent	1,800	4	52	48	554	567	555
Other or Unknown	2,983						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	51,820	98	495	106	513	106	484	102
Nonstandard Conditions	870	2	494	113	515	117	488	110

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	612	1	448	98	474	96	437	88
Asian, Asian American, or Pacific Islander	1,700	3	501	119	563	117	497	116
Black or African American	10,858	21	422	89	435	88	413	83
Mexican or Mexican American	486	1	463	92	479	87	449	89
Puerto Rican	262	0	488	94	492	93	476	91
Other Hispanic, Latino, or Latin American	733	1	484	104	494	107	469	103
White	34,065	65	520	98	538	96	509	94
Other	1,264	2	503	108	514	107	487	103
No Response*	2,710	5	497	123	504	116	482	117
Total	52,690	100	495	106	513	106	485	102

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	272	1	454	99	491	102	432	93
Asian, Asian American, or Pacific Islander	817	2	500	120	580	115	492	119
Black or African American	4,468	8	418	90	441	94	402	83
Mexican or Mexican American	222	0	460	97	485	89	442	86
Puerto Rican	115	0	497	99	510	98	476	96
Other Hispanic, Latino, or Latin American	327	1	485	101	515	109	461	102
White	15,480	29	521	100	555	98	501	95
Other	544	1	509	108	534	109	482	100
No Response*	1,435	3	492	123	511	119	469	117
Total	23,680	45	497	108	529	110	477	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	340	1	443	96	460	88	441	85
Asian, Asian American, or Pacific Islander	883	2	501	119	547	116	503	114
Black or African American	6,390	12	425	88	430	84	421	81
Mexican or Mexican American	264	1	466	87	473	84	456	92
Puerto Rican	147	0	482	89	479	87	476	87
Other Hispanic, Latino, or Latin American	406	1	484	106	477	101	476	103
White	18,585	35	519	96	524	93	516	93
Other	720	1	499	107	499	102	491	105
No Response*	1,275	2	503	123	495	112	496	116
Total	29,010	55	494	104	500	101	490	101

\*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.

## 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	52,690	100	495	106	513	106	485	102
<b>First Language Learned</b>								
English	46,528	91	498	105	515	105	487	101
English and Another	2,970	6	480	106	503	107	473	102
Another Language	1,528	3	466	117	521	120	463	114
No Response*	1,664							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	48,343	97	497	105	514	105	486	101
U.S. Permanent Resident or Refugee	881	2	468	117	510	120	465	115
Citizen of Another Country	400	1	453	117	536	122	463	113
Other, Unknown, or No Response*	3,066							
<b>Disabling Condition</b>								
Yes	3,535	7	481	107	495	106	466	101
Unknown or No Response*	49,155							
<b>Plans to Apply for Financial Aid</b>								
Yes	35,833	73	489	105	504	105	477	101
No	3,242	7	523	101	546	101	517	99
Don't Know	9,877	20	510	103	535	103	502	100
<b>Family Income</b>								
Less than \$10,000	1,428	4	419	98	435	97	412	90
\$10,000–\$20,000	2,660	7	439	96	457	97	429	90
\$20,000–\$30,000	3,566	9	453	98	468	97	441	91
\$30,000–\$40,000	4,039	11	473	99	487	98	461	92
\$40,000–\$50,000	3,557	9	486	98	504	98	474	92
\$50,000–\$60,000	3,857	10	493	98	511	96	482	93
\$60,000–\$70,000	3,419	9	498	98	518	98	487	94
\$70,000–\$80,000	3,411	9	504	98	524	97	493	93
\$80,000–\$100,000	4,900	13	518	99	536	99	507	94
More than \$100,000	7,085	19	542	99	562	97	533	97
No Response*	14,768							
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,025	2	425	92	456	97	414	88
High School Diploma	16,379	33	459	94	477	96	448	89
Associate Degree	5,950	12	475	94	494	96	464	89
Bachelor's Degree	15,880	32	510	100	529	100	499	96
Graduate Degree	10,851	22	551	106	565	104	540	103
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	10,568	23	480	100	494	99	468	95
Yes, As a Sophomore or Younger	13,970	30	498	101	519	102	486	97
Yes, As a Junior and As a Sophomore or Younger	14,495	31	525	106	542	105	516	103
No	7,080	15	456	102	473	103	442	95

\*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.

## 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	9,108	27	40	60	578	601	566
Second Tenth	8,064	24	42	58	512	535	502
Second Fifth	7,452	22	46	54	472	494	462
Final Three Fifths	8,574	26	47	53	431	445	420
No Response*	19,492						

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)	4,446	9	38	62	581	606	571
A (93–96)	11,706	23	37	63	545	566	535
A- (90–92)	9,302	19	41	59	510	529	499
B (80–89)	19,807	40	48	52	463	478	452
C (70–79)	4,506	9	59	41	412	421	398
D, E, or F (below 70)	113	0	66	34	380	382	371
No Response*	2,810						
<b>Mean Grade Point Average</b>	<b>All Students: 3.43</b>		<b>Male: 3.33</b>		<b>Female: 3.51</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	3.75	3.88	3.83
English	3.8	3.8	3.8	3.26	3.48	3.38
Foreign and Classical Languages	2.3	2.5	2.4	3.15	3.42	3.31
Mathematics	3.9	3.8	3.9	3.14	3.18	3.16
Natural Sciences	3.5	3.5	3.5	3.30	3.35	3.33
Social Sciences and History	3.4	3.4	3.4	3.38	3.43	3.41
<b>Total for All Subjects</b>	<b>18.6</b>	<b>19.1</b>	<b>18.9</b>			

Table 16: Total Years of Study in Combined Six Academic Subjects

Total years of study is calculated by combining the number of years that students studied each of the following subjects during high school: Arts and Music, English, Foreign and Classical Languages, Mathematics, Natural Sciences, and Social Sciences and History. 'Incomplete Response' denotes the number of test-takers who did not respond to all six subjects.

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
20 or More Years	19,501	47	39	61	535	548	523
19 or 19.5 Years	4,541	11	45	55	490	510	479
18 or 18.5 Years	4,500	11	46	54	476	496	464
17 or 17.5 Years	3,630	9	48	52	465	484	452
16 or 16.5 Years	2,673	6	47	53	454	474	442
15 or 15.5 Years	1,989	5	48	52	455	472	443
Less than 15 Years	4,484	11	47	53	444	468	434
Incomplete Response	11,372						

\*'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.

## Academic Information

### Course-Taking Patterns

Table 17: English, Mathematics

<b>English</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,050	5	40	60	510	520	498	
4 Years	34,934	77	45	55	503	520	491	
3 Years	6,310	14	42	58	460	476	451	
2 Years	1,632	4	45	55	474	503	465	
1 Year	322	1	43	57	464	493	457	
1/2 Year or Less	165	0	44	56	426	451	406	
No Response*	7,277							
<b>Course Work or Experience</b>								
American Literature	37,973	89	44	56	503	519	491	
Grammar	32,794	77	42	58	501	517	490	
Composition	27,061	64	43	57	516	529	504	
Literature, Historical Periods	22,421	53	41	59	520	532	507	
British Literature	19,657	46	43	57	521	531	506	
Speaking and Listening	14,293	34	41	59	505	517	493	
Literature, Other Country	15,127	36	42	58	530	543	515	
English As Second Language	1,306	3	43	57	435	482	434	
AP®/Honors Courses	25,493	56	40	60	534	548	522	
<b>Mathematics</b>								
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	5,113	11	47	53	517	558	505	
4 Years	31,082	68	44	56	502	517	491	
3 Years	7,344	16	42	58	462	472	451	
2 Years	1,654	4	45	55	466	484	456	
1 Year	262	1	48	52	455	481	452	
1/2 Year or Less	135	0	40	60	428	446	407	
No Response*	7,100							
<b>Course Work or Experience</b>								
Algebra	44,261	96	44	56	494	511	483	
Geometry	43,994	96	44	56	495	513	484	
Trigonometry	14,107	31	46	54	520	545	508	
Precalculus	23,609	51	44	56	531	559	519	
Calculus	11,560	25	48	52	558	597	547	
Other Math Courses	19,085	42	42	58	487	502	476	
Computer Math	2,402	5	57	43	495	518	480	
AP/Honors Courses	19,930	44	43	57	543	574	532	

\*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.

## 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	Writing
More Than 4 Years	3,575	8	44	56	535	567	522	
4 Years	21,393	47	44	56	515	531	503	
3 Years	15,291	34	43	57	472	486	462	
2 Years	3,435	8	49	51	467	489	457	
1 Year	1,028	2	46	54	459	478	448	
1/2 Year or Less	445	1	39	61	425	446	415	
No Response*	7,523							
<b>Course Work or Experience</b>								
Biology	45,004	98	44	56	495	513	484	
Chemistry	36,322	79	43	57	510	529	499	
Physics	16,439	36	50	50	518	543	506	
Geology, Earth, or Space Science	35,430	78	43	57	493	511	482	
Other Sciences	19,342	42	40	60	487	502	477	
AP/Honors Courses	21,005	47	42	58	541	563	529	
<b>Social Sciences and History</b>								
Social Sciences and History	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	2,512	6	42	58	535	545	520	
4 Years	19,217	42	45	55	520	532	508	
3 Years	19,469	43	42	58	474	496	464	
2 Years	3,166	7	48	52	467	493	457	
1 Year	726	2	46	54	460	489	451	
1/2 Year or Less	296	1	45	55	430	450	414	
No Response*	7,304							
<b>Course Work or Experience</b>								
U.S. History	43,968	96	44	56	495	512	484	
World History or Cultures	39,384	86	44	56	497	514	486	
U.S. Government or Civics	37,381	82	44	56	496	513	485	
Economics	16,704	36	42	58	496	515	487	
Geography	7,553	16	45	55	479	490	468	
Psychology	11,865	26	33	67	517	523	504	
European History	6,421	14	47	53	547	553	533	
Sociology	5,343	12	34	66	498	502	485	
Ancient History	1,806	4	50	50	526	527	512	
Anthropology	359	1	41	59	497	509	485	
Other Courses	7,648	17	44	56	502	511	489	
AP/Honors Courses	22,397	49	41	59	539	556	526	

\*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.

## Academic Information

### Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,251	3	36	64	569	584	562
4 Years	7,403	16	37	63	564	576	556
3 Years	9,702	21	40	60	519	535	508
2 Years	19,999	44	47	53	474	493	461
1 Year	5,004	11	46	54	452	473	440
1/2 Year or Less	2,111	5	48	52	419	439	408
No Response*	7,220						
<b>Course Work or Experience</b>							
Chinese	208	0	54	46	518	580	505
French	7,207	16	37	63	515	524	502
German	1,551	3	56	44	532	541	513
Greek	119	0	47	53	550	541	531
Hebrew	139	0	40	60	569	558	558
Italian	129	0	34	66	504	503	487
Japanese	446	1	57	43	533	554	514
Korean	117	0	47	53	459	545	454
Latin	4,907	11	44	56	541	553	525
Russian	198	0	39	61	481	499	474
Spanish	35,156	76	44	56	489	507	479
Other Languages	591	1	36	64	464	482	455
AP/Honors Courses	10,002	22	38	62	565	581	556

\*'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.

## Academic Information

### Course-Taking Patterns

Table 20: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,177	5	35	65	512	520	500	
4 Years	8,402	19	36	64	525	534	514	
3 Years	4,643	11	35	65	501	509	490	
2 Years	6,477	15	40	60	496	510	485	
1 Year	8,687	20	47	53	491	512	481	
1/2 Year or Less	13,090	30	50	50	478	503	466	
No Response*	9,214							
<b>Course Work or Experience</b>								
Acting or Play Production	7,837	20	32	68	524	522	511	
Art History or Appreciation	8,129	20	41	59	503	514	491	
Dance	4,455	11	9	91	486	492	480	
Drama: Study or Appreciation	6,589	16	30	70	513	511	501	
Music: Study or Appreciation	5,536	14	40	60	524	529	512	
Music Performance	14,463	36	37	63	512	523	503	
Photography or Film	4,425	11	36	64	519	526	508	
Studio Art and Design	6,739	17	38	62	520	532	508	
None	9,758	24	54	46	473	499	461	
AP/Honors Courses	5,877	14	36	64	550	559	539	
<b>Computers</b>								
<b>Course Work or Experience</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
		Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	31,215	72	44	56	496	513	485	
Computer Programming	8,516	20	53	47	481	509	469	
Word Processing	32,748	75	43	57	496	513	485	
Internet Activity	26,515	61	43	57	499	516	487	
Using Computer Graphics	15,178	35	49	51	499	521	487	
Creating Spreadsheets/Databases	24,618	57	43	57	497	517	486	
None	4,858	11	36	64	512	524	502	

\*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.

## 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
3,321	8,082	3,214	632	649	621

  

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	527	16
2	1,145	34
3	1,408	42
4 or More	241	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 the SAT Subject Tests also take the SAT Reasoning Test. This table provides a side-by-side presentation of the two scores for those students who took both tests.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Writing*	146	602	114	143	633	105	650	104	605	109
Literature	1,174	626	112	1,115	648	105	631	97	628	100
<b>History and Social Studies</b>										
U.S. History	1,363	649	104	1,319	652	93	654	92	636	92
World History	131	612	108	123	660	105	643	102	635	108
<b>Mathematics</b>										
Mathematics Level 1	990	594	105	926	596	107	616	100	586	103
Mathematics Level 2	1,899	660	94	1,862	643	92	680	78	635	89
<b>Science</b>										
Biology-E	275	625	110	263	626	101	642	89	609	100
Biology-M	315	667	84	308	657	82	675	74	640	79
Chemistry	567	667	96	555	654	90	695	77	642	83
Physics	327	679	84	324	658	85	720	62	642	83
<b>Foreign and Classical Languages</b>										
Chinese/Listening	42	769	41	42	594	128	694	79	587	122
French	182	604	124	181	663	88	657	80	659	82
French/Listening	37	618	110	37	662	75	632	74	649	76
German	11	603		11	691		649		693	
German/Listening	12	541		12	675		676		658	
Modern Hebrew	0			0						
Italian	0			0						
Japanese/Listening	13	658		13	610		639		579	
Korean/Listening	22	753		21	502		680		544	
Latin	70	613	105	69	685	84	672	73	676	81
Spanish	414	594	130	406	645	92	651	87	645	90
Spanish/Listening	92	595	107	91	640	85	666	72	631	86

\*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; 2006 is the last year for which scores for the SAT Subject Test in Writing are reported.

NOTE: The ELPT (English Language Proficiency Test) was last administered in January 2005. Please consult the 2005 College-Bound Seniors Reports for data on ELPT.

## 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	19	13	156	13	254	19	13	10
700–749	16	11	219	19	291	21	19	15
650–699	20	14	236	20	269	20	24	18
600–649	28	19	179	15	202	15	26	20
550–599	17	12	115	10	111	8	13	10
500–549	15	10	92	8	106	8	14	11
450–499	14	10	66	6	54	4	11	8
400–449	11	8	62	5	41	3	7	5
350–399	5	3	34	3	31	2	3	2
300–349	1	1	15	1	4	0	1	1
250–299								
200–249								
Total	146		1,174		1,363		131	
Mean	602		626		649		612	
SD	114		112		104		108	
75th percentile	680		710		730		690	
50th percentile	610		650		670		620	
25th percentile	520		550		590		530	

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	43	4	421	22	35	13	49	16	139	25	82	25
700–749	141	14	309	16	48	17	87	28	122	22	66	20
650–699	187	19	322	17	58	21	72	23	106	19	79	24
600–649	175	18	374	20	41	15	50	16	79	14	47	14
550–599	132	13	252	13	34	12	36	11	48	8	27	8
500–549	129	13	139	7	23	8	10	3	33	6	17	5
450–499	76	8	53	3	13	5	3	1	23	4	6	2
400–449	65	7	18	1	9	3	4	1	12	2	3	1
350–399	34	3	9	0	9	3	2	1	5	1		
300–349	8	1	2	0	4	1	2	1				
250–299					1	0						
200–249												
Total	990		1,899		275		315		567		327	
Mean	594		660		625		667		667		679	
SD	105		94		110		84		96		84	
75th percentile	670		740		710		720		740		740	
50th percentile	610		660		650		680		680		680	
25th percentile	520		600		560		620		600		630	

## 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	81	29	16	6	16	2	18	2	17		
700–749	3	7	22	12	5	14			1	8		
650–699	4	10	20	11	5	14	3	27				
600–649	1	2	24	13	4	11	3	27	2	17		
550–599			27	15	8	22			1	8		
500–549			19	10	2	5						
450–499			18	10	5	14	1	9				
400–449			14	8	2	5	1	9	5	42		
350–399			9	5			1	9				
300–349									1	8		
250–299												
200–249												
Total	42		182		37		11		12		0	
Mean	769		604		618		603		541			
SD	41		124		110							
75th percentile	800		710		700							
50th percentile	790		610		600							
25th percentile	750		510		510							

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			5	38	17	77	7	10	59	14	10	11
700–749			3	23	2	9	12	17	50	12	8	9
650–699					1	5	10	14	60	14	9	10
600–649			1	8			9	13	54	13	15	16
550–599			1	8			13	19	41	10	20	22
500–549			1	8	1	5	10	14	48	12	17	18
450–499			1	8	1	5	5	7	33	8	7	8
400–449							3	4	36	9	4	4
350–399							1	1	22	5	1	1
300–349			1	8					8	2		
250–299									3	1	1	1
200–249												
Total	0		13		22		70		414		92	
Mean			658		753		613		594		595	
SD							105		130		107	
75th percentile					800		700		700		660	
50th percentile					790		610		610		590	
25th percentile					740		520		500		520	

## College Plans

Table 27: Intended College Major, Degree-Level Goal, Plans for Advanced Standing

SAT Reasoning Test	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
<b>Intended College Major</b>					
Agriculture or Natural Resources	577	1	471	487	455
Architecture or Environmental Design	1,279	3	480	524	473
Arts: Visual and Performing	3,101	8	512	505	499
Biological Sciences	2,152	5	528	545	513
Business and Commerce	4,564	12	473	499	463
Communications	1,253	3	519	502	512
Computer or Information Sciences	1,589	4	488	524	468
Education	3,511	9	479	491	473
Engineering and Engineering Technologies	3,257	8	501	557	482
Foreign or Classical Languages	250	1	550	545	545
General or Interdisciplinary Studies	100	0	531	530	515
Health and Allied Services	9,521	24	475	495	471
Home Economics	180	0	476	481	475
Language and Literature	518	1	597	543	579
Library and Archival Sciences	10	0	593	536	592
Mathematics	294	1	520	608	521
Military Sciences	230	1	504	517	476
Philosophy, Religion, or Theology	323	1	549	540	528
Physical Sciences	534	1	551	581	534
Public Affairs and Services	1,125	3	459	468	447
Social Sciences and History	3,375	9	525	516	508
Technical and Vocational	365	1	443	468	426
Undecided	1,081	3	503	529	494
<b>Degree-Level Goal</b>					
Certificate Program	419	1	434	448	423
Associate Degree	666	1	425	436	414
Bachelor's Degree	15,124	31	469	488	459
Master's Degree	13,605	28	504	521	492
Doctoral or Related Degree	9,550	20	527	543	515
Other	240	0	437	451	429
Undecided	9,115	19	509	524	498
<b>Plans for Advanced Standing in College Courses</b>					
Art	1,896	5	501	508	491
Biology	5,483	13	547	568	536
Chemistry	3,921	9	553	590	542
Computer Science	1,388	3	511	542	493
English	13,128	31	554	559	543
Foreign Languages	5,225	12	556	568	551
Humanities	1,220	3	571	566	556
Mathematics	12,097	29	545	588	536
Music	1,778	4	488	501	483
Physics	2,495	6	572	621	560
Social Studies	10,888	26	560	569	545
None of These	17,560	42	456	471	445

## College Plans

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

Of the 52,797 students from your state who participated in the SAT Program, 44,749 designated that their SAT 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 2,181 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	19,261	43.0
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	17,499	39.1
EAST CAROLINA UNIVERSITY	NC	Public	13,109	29.3
APPALACHIAN STATE UNIVERSITY	NC	Public	12,796	28.6
UNIVERSITY OF NORTH CAROLINA WILMINGTON	NC	Public	12,156	27.2
UNIVERSITY NORTH CAROLINA CHARLOTTE	NC	Public	10,825	24.2
UNIVERSITY OF NORTH CAROLINA GREENSBORO	NC	Public	10,755	24.0
DUKE UNIVERSITY	NC	Private	5,233	11.7
WAKE FOREST UNIVERSITY	NC	Private	5,021	11.2
WESTERN CAROLINA UNIVERSITY	NC	Public	4,880	10.9
ELON UNIVERSITY	NC	Private	3,622	8.1
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	3,618	8.1
WINSTON-SALEM STATE UNIVERSITY	NC	Public	3,357	7.5
UNIVERSITY NORTH CAROLINA ASHEVILLE	NC	Public	3,303	7.4
NORTH CAROLINA CENTRAL UNIVERSITY	NC	Public	2,989	6.7
CAMPBELL UNIVERSITY	NC	Private	2,486	5.6
UNIVERSITY OF NORTH CAROLINA PEMBROKE	NC	Public	2,274	5.1
FAYETTEVILLE STATE UNIVERSITY	NC	Public	1,979	4.4
CLEMSON UNIVERSITY	SC	Public	1,704	3.8
MEREDITH COLLEGE	NC	Private	1,599	3.6
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	1,426	3.2
DAVIDSON COLLEGE	NC	Private	1,407	3.1
WINGATE UNIVERSITY	NC	Private	1,180	2.6
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	1,168	2.6
UNIVERSITY OF VIRGINIA	VA	Public	1,131	2.5
GARDNER-WEBB UNIVERSITY	NC	Private	1,122	2.5
LENOIR-RHYNE COLLEGE	NC	Private	1,069	2.4
NORTH CAROLINA SCHOOL SCIENCE MATH	NC	Scholarship	1,053	2.4
UNIVERSITY OF GEORGIA ATHENS	GA	Public	1,052	2.4
ELIZABETH CITY STATE UNIVERSITY	NC	Public	1,011	2.3
HIGH POINT UNIVERSITY	NC	Private	991	2.2
NCAA INITIAL ELIG CLEARINGHSE	IA	Scholarship	982	2.2
COLLEGE OF CHARLESTON	SC	Public	973	2.2
GUILFORD COLLEGE	NC	Private	904	2.0
NORTH CAROLINA SCHOOL OF THE ARTS	NC	Public	901	2.0
GREENSBORO COLLEGE	NC	Private	887	2.0
NORTH CAROLINA TEACHING FELLOWSHIP PROGR	NC	Scholarship	846	1.9
NEW YORK UNIVERSITY	NY	Private	814	1.8
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	775	1.7
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	772	1.7
CATAWBA COLLEGE	NC	Private	759	1.7
MARS HILL COLLEGE	NC	Private	755	1.7
LIBERTY UNIVERSITY	VA	Private	709	1.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	674	1.5
UNIVERSITY OF TENNESSEE KNOXVILLE	TN	Public	669	1.5

\*Of your students who designated that their SAT Program 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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