



2009 College-Bound Seniors

State Profile Report

NORTH CAROLINA

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT® (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 2009* includes students who tested through March 2009.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2009 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.
- 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 and in schoolwork.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT 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 scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT 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 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 to 800 point 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: Inspiring Minds™

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 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 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.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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
2009	503	498	501	534	499	515	486	499	493

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 2000–2009, all scores are reported on the recentered scale.

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SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total	57,147	495	106	511	105	480	104	48.2	10.5	7.0	1.6

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Male	25,812	498	108	528	108	473	105	47.8	10.5	6.8	1.7
Female	31,335	493	105	498	101	486	104	48.6	10.5	7.2	1.5

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Senior (2008-2009)	41,978	486	103	502	103	472	102	47.3	10.2	6.9	1.6
Junior (2007-2008)	14,897	520	110	537	108	504	108	50.7	10.9	7.2	1.5
Sophomore (2006-2007)	250	525	119	541	114	501	112	50.9	11.5	6.9	1.6
Freshman (2005-2006)	22	425		494		431		44.0		6.4	
Total	57,147	495	106	511	105	480	104	48.2	10.5	7.0	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	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total Group	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2009 cohort took 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 0.3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

SAT 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 Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	570	590	550	580	600	570
50th	490	510	470	500	510	490
25th	420	440	400	420	430	410

Table 6: Score Distributions

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit www.collegeboard.com/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	1,005	1,059	2,064	1,498	755	2,253	600	858	1,458
600–690	3,956	4,265	8,221	5,759	4,869	10,628	2,841	4,114	6,955
500–590	7,898	9,475	17,373	8,397	9,821	18,218	6,870	9,145	16,015
400–490	8,422	11,056	19,478	7,329	10,959	18,288	9,220	10,988	20,208
300–390	3,870	4,766	8,636	2,497	4,412	6,909	5,408	5,554	10,962
200–290	661	714	1,375	332	519	851	873	676	1,549

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	45,376	91	45	55	492	511	476
Religiously Affiliated	2,490	5	48	52	540	534	531
Independent	1,857	4	54	46	569	577	563
Other or Unknown	7,424		42	58	480	488	464

Table 8: Test-Taking Conditions

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	56,143	98	495	106	511	105	480	104
Nonstandard Conditions	1,004	2	507	116	530	117	497	114

Note: Percentiles are reported when there are 20 or more test-takers.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT 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	627	1	444	97	469	89	430	90
Asian, Asian American, or Pacific Islander	2,097	4	508	120	567	121	500	124
Black or African American	13,230	23	422	87	433	86	408	83
Mexican or Mexican American	764	1	463	97	482	95	446	92
Puerto Rican	296	1	475	102	482	97	461	92
Other Hispanic, Latino, or Latin American	1,338	2	482	99	492	101	466	99
White	36,285	63	523	98	540	95	507	97
Other	1,400	2	497	105	505	103	483	104
No Response	1,110	2	497	122	502	115	474	116
Total	57,147	100	495	106	511	105	480	104

Table 10: Male Mean Scores by Ethnicity

SAT 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	270	0	450	101	485	94	423	92
Asian, Asian American, or Pacific Islander	1,031	2	513	119	585	120	496	124
Black or African American	5,574	10	419	88	440	88	398	82
Mexican or Mexican American	346	1	462	96	499	97	439	90
Puerto Rican	136	0	467	97	495	99	444	90
Other Hispanic, Latino, or Latin American	623	1	490	102	513	103	465	101
White	16,702	29	525	100	556	96	498	98
Other	545	1	499	112	527	110	480	108
No Response	585	1	488	122	512	119	461	114
Total	25,812	45	498	108	528	108	473	105

Table 11: Female Mean Scores by Ethnicity

SAT 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	357	1	439	93	457	83	436	87
Asian, Asian American, or Pacific Islander	1,066	2	504	121	550	119	504	124
Black or African American	7,656	13	424	87	428	84	416	83
Mexican or Mexican American	418	1	464	97	468	91	452	93
Puerto Rican	160	0	483	105	470	95	475	92
Other Hispanic, Latino, or Latin American	715	1	474	97	474	96	467	97
White	19,583	34	521	97	525	92	515	96
Other	855	1	495	100	490	96	485	102
No Response	525	1	507	122	490	110	490	116
Total	31,335	55	493	105	498	101	486	104

Demographic Information

SAT: 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	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	57,147	100	495	106	511	105	480	104
First Language Learned								
English	50,922	90	497	105	512	104	482	103
English and Another	3,537	6	482	110	501	114	469	110
Another Language	2,006	4	469	110	519	120	466	112
No Response	682		489	128	508	124	471	125
Citizenship								
U.S. Citizen / U.S. National	54,427	97	496	106	512	104	481	104
U.S. Permanent Resident or Refugee	1,020	2	478	120	522	128	475	120
Citizen of Another Country	436	1	462	105	535	128	461	110
Other, Unknown, or No Response	1,264		460	116	486	120	444	115
Disabling Condition								
Yes	4,060	7	490	107	502	104	469	103
Unknown or No Response	53,087		495	106	512	105	481	105
Plans to Apply for Financial Aid								
Yes	38,691	73	488	105	502	103	472	102
No	3,603	7	523	102	545	101	514	103
Don't Know	10,749	20	514	104	535	104	500	103
Family Income								
\$0 - \$20,000	4,071	10	425	96	439	94	410	90
\$20,000–\$40,000	7,106	17	457	97	473	97	441	92
\$40,000–\$60,000	6,993	17	482	97	498	95	465	95
\$60,000–\$80,000	6,802	16	498	98	515	95	483	95
\$80,000–\$100,000	5,239	13	514	99	530	96	497	96
\$100,000–\$120,000	4,106	10	521	97	541	96	507	97
\$120,000–\$140,000	1,990	5	531	95	551	97	516	96
\$140,000–\$160,000	1,434	3	533	100	552	93	518	98
\$160,000–\$200,000	1,582	4	540	101	555	100	527	99
More than \$200,000	2,009	5	561	100	580	101	556	102
No Response	15,815		500	112	516	111	486	111
Highest Level of Parental Education								
No High School Diploma	1,280	2	424	90	446	94	410	85
High School Diploma	17,424	32	457	94	474	95	442	91
Associate Degree	6,839	13	471	94	492	92	456	90
Bachelor's Degree	17,299	32	512	100	528	100	497	99
Graduate Degree	11,201	21	554	106	566	104	540	106
Took the PSAT/NMSQT®								
Yes, As a Junior	12,767	25	481	100	495	98	464	96
Yes, As a Sophomore or Younger	15,193	30	495	103	515	104	480	100
Yes, As a Junior and As a Sophomore or Younger	16,489	32	527	106	541	103	515	105
No	6,967	14	459	102	474	103	438	97

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	10,081	30	40	60	576	597	564
Second Tenth	9,168	27	45	55	511	535	498
Second Fifth	7,183	21	48	52	478	497	461
Final Three Fifths	7,588	22	48	52	433	447	417
No Response	23,127		46	54	479	490	463

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	3,565	6	40	60	584	606	574
A (93–96)	13,285	24	38	62	550	570	538
A- (90–92)	11,016	20	43	57	511	530	497
B (80–89)	22,176	40	48	52	461	475	444
C (70–79)	5,035	9	56	44	410	419	393
D, E, or F (below 70)	104	0	63	38	392	395	372
No Response	1,966		52	48	476	489	458
Mean Grade Point Average	All Students: 3.42		Male: 3.34		Female: 3.48		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.7	2.2	2.0	3.73	3.86	3.81
English and Language Arts	3.8	3.9	3.9	3.34	3.54	3.45
Foreign and Classical Languages	2.4	2.6	2.5	3.17	3.43	3.32
Mathematics	3.9	3.9	3.9	3.17	3.19	3.18
Natural Sciences	3.5	3.5	3.5	3.31	3.34	3.32
Social Sciences and History	3.5	3.5	3.5	3.39	3.39	3.39
Total for All Subjects	18.8	19.6	19.3			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,835	4	42	58	524	536	511	
4 Years	41,389	81	45	55	502	518	487	
3 Years	6,553	13	43	57	465	481	451	
2 Years	867	2	52	48	476	506	459	
1 Year	157	0	50	50	443	456	426	
1/2 Year or Less	133	0	46	54	400	423	392	
No Response	6,213		50	50	477	494	461	
Course Work or Experience								
English/Language Arts	47,014	97	44	56	498	514	483	
Journalism	5,685	12	33	67	509	511	498	
Creative Writing	9,435	19	39	61	498	500	484	
American Literature	23,214	48	43	57	508	519	492	
Composition/Writing	15,703	32	42	58	497	506	483	
British Literature	12,796	26	42	58	517	525	500	
World Literature	17,709	36	43	57	509	521	493	
Communications	4,134	9	41	59	476	493	466	
Public Speaking	5,799	12	40	60	506	511	493	
English As Second Language	1,607	3	42	58	430	474	423	
AP@/Honors Courses	30,831	61	41	59	531	545	517	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	5,789	11	47	53	523	562	510	
4 Years	36,614	72	44	56	501	515	486	
3 Years	7,325	14	44	56	465	475	450	
2 Years	990	2	49	51	465	483	450	
1 Year	169	0	43	57	423	435	405	
1/2 Year or Less	162	0	44	56	405	416	396	
No Response	6,098		50	50	477	495	461	
Highest Level of Mathematics Achieved*								
Calculus	12,663	25	48	52	562	601	550	
Pre-calculus	14,920	29	43	58	507	525	493	
Trigonometry	3,056	6	43	57	472	482	458	
Algebra II	18,692	37	43	57	455	457	438	
Algebra I	1,097	2	50	50	395	385	382	
AP/Honors Courses	25,685	50	44	56	540	567	526	

*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

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	3,740	7	44	56	543	574	528
4 Years	23,528	47	46	54	516	532	501
3 Years	19,806	39	43	57	473	486	458
2 Years	2,461	5	50	50	470	491	455
1 Year	598	1	47	53	475	490	458
1/2 Year or Less	348	1	38	62	418	432	409
No Response	6,666		50	50	475	493	459
Course Work or Experience							
Biology	49,230	99	44	56	497	513	482
Chemistry	39,187	79	44	56	514	532	500
Physics	16,369	33	52	48	515	539	500
Geology, Earth, or Space Science	42,672	86	44	56	492	509	477
Other Sciences	20,959	42	41	59	490	504	475
AP/Honors Courses	26,169	52	43	57	539	559	525

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	2,669	5	45	55	552	558	533
4 Years	21,535	43	46	54	522	533	507
3 Years	23,710	47	42	58	473	494	459
2 Years	2,182	4	52	48	468	492	453
1 Year	353	1	48	52	450	477	433
1/2 Year or Less	221	0	43	57	402	421	395
No Response	6,477		50	50	476	493	460
Course Work or Experience							
U.S. History	48,212	97	44	56	497	513	482
World History or Cultures	45,439	91	44	56	499	516	484
U.S. Government or Civics	44,607	89	44	56	498	514	482
Economics	23,402	47	41	59	504	520	491
Geography	4,593	9	48	52	504	510	489
Psychology	14,649	29	34	66	520	528	506
European History	6,535	13	47	53	551	553	534
Sociology	5,811	12	33	67	501	508	486
Ancient History	2,843	6	47	53	518	521	502
Other Courses	6,522	13	43	57	510	519	494
AP/Honors Courses	28,144	56	43	57	536	551	521

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,357	3	35	65	570	579	566
4 Years	8,319	16	39	61	561	569	551
3 Years	11,292	22	42	58	521	535	508
2 Years	24,138	48	47	53	473	493	456
1 Year	4,153	8	47	53	455	475	437
1/2 Year or Less	1,538	3	51	49	413	433	397
No Response	6,350		51	49	475	493	459
Course Work or Experience							
Chinese	367	1	48	52	538	568	523
French	6,551	13	37	63	519	523	502
German	1,551	3	57	43	545	551	520
Greek	129	0	56	44	556	544	539
Hebrew	76	0	50	50	561	562	549
Italian	128	0	38	63	535	524	516
Japanese	387	1	51	49	541	547	510
Korean	53	0	55	45	481	592	481
Latin	4,845	10	44	56	542	553	523
Russian	99	0	45	55	489	500	466
Spanish	39,194	78	44	56	490	508	477
Other Languages	622	1	40	60	463	481	455
AP/Honors Courses	12,779	25	39	61	561	575	550

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,652	5	36	64	521	531	503	
4 Years	9,235	19	36	64	523	530	510	
3 Years	5,878	12	36	64	500	507	486	
2 Years	8,636	18	42	58	495	509	482	
1 Year	9,900	20	49	51	493	515	478	
1/2 Year or Less	12,871	26	53	47	478	502	461	
No Response	7,975		52	48	480	498	464	
Course Work or Experience								
Acting or Play Production	7,874	17	33	67	529	525	513	
Art History or Appreciation	9,127	20	42	58	499	512	483	
Dance	5,360	12	8	92	486	491	480	
Drama: Study or Appreciation	8,043	17	30	70	508	509	494	
Music: Study or Appreciation	5,156	11	42	58	522	527	507	
Music Performance	16,112	35	38	62	516	527	503	
Photography or Film	5,107	11	34	66	515	520	502	
Studio Art and Design	7,625	16	36	64	523	531	508	
None	11,162	24	58	42	473	498	455	
AP/Honors Courses	7,218	15	36	64	552	559	537	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	33,737	72	45	55	500	516	484
Computer Programming	10,006	21	51	49	478	502	462
Word Processing	34,291	73	44	56	500	516	484
Internet Activity	28,237	60	45	55	500	516	484
Using Computer Graphics	16,746	36	50	50	498	518	481
Creating Spreadsheets/Databases	24,709	53	45	55	497	517	482
None	4,736	10	35	65	504	517	493

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			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
3,391	8,262	3,283	638	654	628

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	350	10
2	1,467	43
3	1,374	41
4 or More	200	6

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

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

	SAT Subject Test			N	SAT					
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	1,250	631	109	1,191	654	100	629	93	638	101
History and Social Studies										
U.S. History	1,590	657	100	1,533	655	91	648	90	640	92
World History	145	628	118	138	658	91	642	91	630	102
Mathematics										
Mathematics Level 1	984	600	108	908	601	103	619	99	593	106
Mathematics Level 2	1,864	680	91	1,836	649	89	689	74	642	88
Science										
Biology-E	302	629	107	284	638	96	639	96	621	101
Biology-M	372	674	88	367	650	89	669	80	643	87
Chemistry	660	661	102	652	647	95	689	89	635	96
Physics	359	680	90	357	658	89	719	69	647	87
Foreign and Classical Languages										
Chinese/Listening	42	766	58	41	567	124	700	64	574	119
French	119	613	120	116	663	90	652	84	661	92
French/Listening	29	649	100	29	663	74	658	88	676	85
German	15	625		15	677		682		679	
German/Listening	16	583		15	633		633		634	
Modern Hebrew	1			1						
Italian	3			3						
Japanese/Listening	9	691		9	606		681		644	
Korean/Listening	28	785	22	27	563	83	701	78	587	113
Latin	52	628	92	52	691	74	681	60	665	83
Spanish	353	594	121	343	649	96	646	94	643	91
Spanish/Listening	69	650	101	67	649	83	653	74	660	90

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	160	13	329	21	31	21
700-740	255	20	329	21	18	12
650-690	247	20	336	21	22	15
600-640	193	15	223	14	20	14
550-590	131	10	159	10	14	10
500-540	110	9	82	5	18	12
450-490	59	5	62	4	12	8
400-440	44	4	38	2	6	4
350-390	39	3	26	2	4	3
300-340	12	1	5	0		
250-290			1	0		
200-240						
Total	1,250		1,590		145	
Mean	631		657		628	
SD	109		100		118	
75th percentile	710		730		720	
50th percentile	650		680		640	
25th percentile	570		600		530	

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	53	5	553	30	49	16	94	25	154	23	98	27
700-740	164	17	299	16	40	13	76	20	141	21	83	23
650-690	166	17	349	19	58	19	68	18	108	16	58	16
600-640	176	18	328	18	49	16	72	19	89	13	56	16
550-590	135	14	185	10	43	14	29	8	68	10	35	10
500-540	112	11	90	5	28	9	22	6	44	7	18	5
450-490	79	8	42	2	14	5	3	1	33	5	5	1
400-440	53	5	10	1	10	3	4	1	20	3	6	2
350-390	39	4	5	0	8	3	4	1	3	0		
300-340	6	1	3	0	3	1						
250-290	1	0										
200-240												
Total	984		1,864		302		372		660		359	
Mean	600		680		629		674		661		680	
SD	108		91		107		88		102		90	
75th percentile	690		760		720		750		740		750	
50th percentile	620		680		640		690		680		700	
25th percentile	530		620		570		620		590		610	

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	32	76	19	16	4	14	3	20	3	19		
700-740	4	10	13	11	7	24	2	13	1	6		
650-690	3	7	19	16	2	7	2	13				
600-640	2	5	15	13	10	34	2	13	4	25		
550-590	1	2	17	14	2	7	2	13				
500-540			15	13	1	3	2	13	3	19		
450-490			10	8	2	7			4	25		
400-440			3	3	1	3	1	7	1	6		
350-390			8	7			1	7			1	100
300-340												
250-290												
200-240												
Total	42		119		29		15		16		1	
Mean	766		613		649		625		583			
SD	58		120		100							
75th percentile	800		710		720							
50th percentile	800		610		640							
25th percentile	740		520		600							

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			3	33	27	96	7	13	34	10	15	22
700-740			1	11			8	15	50	14	6	9
650-690	1	33	2	22	1	4	9	17	50	14	20	29
600-640			2	22			7	13	47	13	9	13
550-590			1	11			10	19	56	16	9	13
500-540							8	15	47	13	5	7
450-490	2	67					3	6	26	7	2	3
400-440									18	5	2	3
350-390									13	4		
300-340									12	3	1	1
250-290												
200-240												
Total	3		9		28		52		353		69	
Mean			691		785		628		594		650	
SD					22		92		121		101	
75th percentile					800		710		690		710	
50th percentile					790		620		600		650	
25th percentile					780		550		510		580	

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	490	1	475	499	461
Architecture and Related Services	994	2	490	536	475
Area, Ethnic, Cultural and Gender Studies	31	0	551	502	552
Biological and Biomedical Sciences	2,308	5	535	546	519
Business Management, Marketing, and Related Support Services	5,211	12	476	501	461
Communication, Journalism and Related Programs	1,241	3	528	510	519
Computer and Information Sciences and Support Services	1,279	3	497	522	462
Construction Trades	72	0	429	467	398
Education	3,513	8	479	491	470
Engineering	3,370	8	512	566	489
Engineering Technologies/Technicians	666	1	453	497	433
English Language and Literature/Letters	473	1	597	540	571
Family and Consumer Sciences/Human Sciences	146	0	457	467	448
Foreign Languages, Literatures, and Linguistics	284	1	578	550	560
Health Professions and Related Clinical Services	10,793	24	479	498	471
History	582	1	548	521	506
Legal Professions and Studies	1,485	3	507	513	492
Liberal Arts and Sciences, General Studies, and Humanities	344	1	569	550	548
Library Science/Librarianship	16	0	593	514	563
Mathematics and Statistics	330	1	514	597	512
Mechanic and Repair Technologies/Technician	137	0	428	469	407
Military Sciences	111	0	516	521	481
Multi/Interdisciplinary Studies	49	0	602	595	571
Natural Resources and Conservation	196	0	515	525	491
Parks, Recreation, Leisure and Fitness Studies	473	1	439	473	426
Personal and Culinary Services	227	1	472	472	448
Philosophy and Religious Studies	125	0	560	541	529
Physical Sciences	538	1	554	579	533
Precision Production					
Psychology	1,908	4	499	490	484
Public Administration and Social Services Professions	178	0	445	448	430
Security and Protective Services	747	2	450	471	436
Social Sciences	620	1	557	541	536
Theology and Religious Vocations	137	0	521	525	501
Transportation and Materials Moving	28	0	448	468	423
Visual and Performing Arts	3,492	8	511	507	496
Other	562	1	470	485	453
Undecided	1,342	3	527	549	510
Degree-Level Goal					
Certificate Program	377	1	441	463	427
Associate Degree	706	1	422	434	406
Bachelor's Degree	16,937	32	471	489	455
Master's Degree	15,620	29	500	516	485
Doctoral or Related Degree	10,559	20	523	539	510
Other	242	0	437	452	424
Undecided	8,582	16	515	529	499

College Plans

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

Of the 57,255 students from your state who took the SAT and/or an SAT Subject Test, 47,880 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 2,049 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	19,015	39.7
EAST CAROLINA UNIVERSITY	NC	Public	16,186	33.8
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	15,897	33.2
APPALACHIAN STATE UNIVERSITY	NC	Public	14,951	31.2
UNIVERSITY OF NORTH CAROLINA WILMINGTON	NC	Public	11,514	24.0
UNIVERSITY NORTH CAROLINA CHARLOTTE	NC	Public	10,939	22.8
UNIVERSITY OF NORTH CAROLINA GREENSBORO	NC	Public	10,633	22.2
WESTERN CAROLINA UNIVERSITY	NC	Public	7,036	14.7
WAKE FOREST UNIVERSITY	NC	Private	4,348	9.1
DUKE UNIVERSITY	NC	Private	4,205	8.8
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	3,936	8.2
WINSTON-SALEM STATE UNIVERSITY	NC	Public	3,461	7.2
NORTH CAROLINA CENTRAL UNIVERSITY	NC	Public	3,392	7.1
NCAA ELIGIBILITY CENTER	IN	Public	3,374	7.0
ELON UNIVERSITY	NC	Private	3,333	7.0
UNIVERSITY NORTH CAROLINA ASHEVILLE	NC	Public	3,231	6.7
UNIVERSITY OF NORTH CAROLINA PEMBROKE	NC	Public	2,714	5.7
CAMPBELL UNIVERSITY	NC	Private	2,664	5.6
CLEMSON UNIVERSITY	SC	Public	2,648	5.5
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	2,263	4.7
FAYETTEVILLE STATE UNIVERSITY	NC	Public	2,244	4.7
WINGATE UNIVERSITY	NC	Private	1,725	3.6
DAVIDSON COLLEGE	NC	Private	1,560	3.3
HIGH POINT UNIVERSITY	NC	Private	1,505	3.1
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	1,478	3.1
ELIZABETH CITY STATE UNIVERSITY	NC	Public	1,327	2.8
LENOIR-RHYNE UNIVERSITY	NC	Private	1,275	2.7
GARDNER-WEBB UNIVERSITY	NC	Private	1,259	2.6
MEREDITH COLLEGE	NC	Private	1,249	2.6
NORTH CAROLINA SCHOOL SCIENCE MATH	NC	Scholarship	1,167	2.4
UNIVERSITY OF GEORGIA	GA	Public	1,133	2.4
UNIVERSITY OF VIRGINIA	VA	Public	1,061	2.2
COLLEGE OF CHARLESTON	SC	Public	1,028	2.1
QUEENS UNIVERSITY OF CHARLOTTE	NC	Private	940	2.0
GUILFORD COLLEGE	NC	Private	924	1.9
NORTH CAROLINA TEACHING FELLOWSHIP PROGR	NC	Scholarship	910	1.9
LIBERTY UNIVERSITY	VA	Private	895	1.9
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	840	1.8
BARTON COLLEGE	NC	Private	832	1.7
CATAWBA COLLEGE	NC	Private	830	1.7
WAKE TECHNICAL COLLEGE	NC	Public	790	1.6
NEW YORK UNIVERSITY	NY	Private	742	1.5
GREENSBORO COLLEGE	NC	Private	727	1.5
METHODIST UNIVERSITY	NC	Private	723	1.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	716	1.5

*Of your students who designated that their SAT 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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