



2011 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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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 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.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- 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.org.

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, 1972–2011

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

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 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	62,149	493	106	508	103	474	104	47.8	10.5	7.1	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	28,397	497	108	523	106	466	104	47.4	10.5	6.8	1.6
Female	33,752	491	104	496	99	481	103	48.2	10.5	7.3	1.4

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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	47,140	484	102	499	100	465	101	46.8	10.1	7.0	1.5
Junior (2009-2010)	14,793	523	109	538	106	504	108	50.9	11.0	7.3	1.5
Sophomore (2008-2009)	204	528	118	560	108	505	109	51.4	11.0	6.9	1.6
Freshman (2007-2008)	12	458		520		471		47.4		7.1	
Total	62,149	493	106	508	103	474	104	47.8	10.5	7.1	1.5

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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	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 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) 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	560	580	540	570	600	560
50th	490	500	470	490	510	480
25th	420	430	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.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	1,057	1,070	2,127	1,500	894	2,394	619	995	1,614
600-690	4,297	4,520	8,817	5,833	4,781	10,614	2,658	3,768	6,426
500-590	8,653	9,960	18,613	9,326	10,494	19,820	7,198	9,414	16,612
400-490	9,412	12,189	21,601	8,579	12,539	21,118	10,566	12,579	23,145
300-390	4,315	5,298	9,613	2,764	4,556	7,320	6,360	6,249	12,609
200-290	663	715	1,378	395	488	883	996	747	1,743

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	54,268	91	45	55	489	507	469
Religiously Affiliated	3,249	5	49	51	533	525	521
Independent	2,105	4	52	48	567	573	565
Other or Unknown	2,527		47	53	471	465	446

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	3,949	6	480	106	491	102	457	102
Nonstandard Conditions	993	2	505	117	520	121	494	116

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	696	1	454	94	473	89	432	92
Asian, Asian American, or Pacific Islander	2,486	4	510	124	570	122	505	128
Black or African American	15,166	24	421	87	434	83	405	83
Mexican or Mexican American	1,219	2	458	90	482	84	437	85
Puerto Rican	410	1	491	95	495	95	471	92
Other Hispanic, Latino, or Latin American	1,632	3	481	101	487	98	461	95
White	37,991	61	524	97	537	93	503	97
Other	1,647	3	491	107	501	102	471	105
No Response	902	1	483	109	477	103	459	103
Total	62,149	100	493	106	508	103	474	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	298	0	451	93	485	91	417	88
Asian, Asian American, or Pacific Islander	1,158	2	516	123	584	119	498	127
Black or African American	6,589	11	419	88	440	86	394	82
Mexican or Mexican American	547	1	463	94	498	88	433	87
Puerto Rican	183	0	494	98	516	97	466	97
Other Hispanic, Latino, or Latin American	706	1	480	102	496	99	449	93
White	17,788	29	527	98	553	94	494	96
Other	698	1	493	107	519	107	463	105
No Response	430	1	486	111	494	107	455	102
Total	28,397	46	497	108	523	106	466	104

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	398	1	456	94	464	85	443	94
Asian, Asian American, or Pacific Islander	1,328	2	504	125	558	124	510	128
Black or African American	8,577	14	423	85	430	81	413	82
Mexican or Mexican American	672	1	453	86	469	78	439	84
Puerto Rican	227	0	489	92	477	90	476	88
Other Hispanic, Latino, or Latin American	926	1	482	100	480	96	469	95
White	20,203	33	521	95	523	90	512	96
Other	949	2	489	107	488	96	477	104
No Response	472	1	480	108	462	97	463	103
Total	33,752	54	491	104	496	99	481	103

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	62,149	100	493	106	508	103	474	104
First Language Learned								
English	55,162	90	495	105	508	102	475	103
English and Another	3,610	6	483	109	505	112	471	111
Another Language	2,748	4	469	112	517	117	461	113
No Response	629		493	118	496	118	468	116
Citizenship								
U.S. Citizen / U.S. National	58,799	97	495	105	509	102	476	103
U.S. Permanent Resident or Refugee	1,140	2	475	120	514	122	469	121
Citizen of Another Country	676	1	461	120	535	127	464	116
Other, Unknown, or No Response	1,534		447	108	466	109	426	104
Plans to Apply for Financial Aid								
Yes	43,611	77	486	104	500	101	467	101
No	3,214	6	522	100	538	100	506	102
Don't Know	9,640	17	512	103	532	102	495	104
No Response	5,684		498	118	513	114	478	114
Family Income								
\$0 - \$20,000	4,573	12	429	93	446	92	411	88
\$20,000–\$40,000	7,011	18	459	94	474	91	438	91
\$40,000–\$60,000	6,621	17	479	96	494	93	459	92
\$60,000–\$80,000	5,809	15	495	96	511	92	474	93
\$80,000–\$100,000	4,643	12	511	95	527	94	489	93
\$100,000–\$120,000	3,580	9	521	97	538	93	501	95
\$120,000–\$140,000	1,771	5	526	95	543	92	507	93
\$140,000–\$160,000	1,304	3	535	95	551	96	519	97
\$160,000–\$200,000	1,348	3	541	100	557	98	526	100
More than \$200,000	1,898	5	565	100	578	96	553	102
No Response	23,591		498	111	511	109	481	110
Highest Level of Parental Education								
No High School Diploma	1,791	3	429	88	456	91	412	84
High School Diploma	18,799	32	455	93	472	91	436	89
Associate Degree	7,379	12	469	90	486	90	449	86
Bachelor's Degree	19,468	33	514	99	529	98	495	98
Graduate Degree	12,018	20	553	107	562	105	536	109
No Response	2,694		450	106	467	100	431	99
Took the PSAT/NMSQT®								
Yes, As a Junior	10,978	19	481	102	492	97	461	99
Yes, As a Sophomore or Younger	19,884	34	495	98	513	97	475	96
Yes, As a Junior and As a Sophomore or Younger	17,932	31	531	106	544	103	515	106
No	9,937	17	446	95	458	92	423	89
No Response	3,418		467	111	483	107	447	107

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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	10,623	31	41	59	573	593	557
Second Tenth	9,184	27	45	55	512	534	493
Second Fifth	6,705	19	49	51	479	499	457
Final Three Fifths	7,950	23	49	51	433	448	414
No Response	27,687		46	54	477	486	458

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)	4,164	7	39	61	584	602	569
A (93–96)	14,884	25	40	60	545	564	529
A- (90–92)	11,878	20	44	56	507	524	489
B (80–89)	23,087	39	49	51	458	470	437
C (70–79)	4,937	8	57	43	407	418	386
D, E, or F (below 70)	160	0	63	38	423	430	404
No Response	3,039		50	50	475	479	450
Mean Grade Point Average	All Students: 3.44		Male: 3.37		Female: 3.50		

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	2.1	1.9	3.71	3.85	3.79
English and Language Arts	3.8	3.8	3.8	3.37	3.57	3.48
Foreign and Classical Languages	2.3	2.5	2.4	3.20	3.43	3.33
Mathematics	3.9	3.9	3.9	3.22	3.24	3.23
Natural Sciences	3.4	3.4	3.4	3.35	3.38	3.37
Social Sciences and History	3.4	3.4	3.4	3.42	3.42	3.42
Total for All Subjects	18.5	19.1	18.8			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,979	9	41	59	510	524	493
4 Years	38,090	70	46	54	500	515	482
3 Years	8,204	15	43	57	469	484	450
2 Years	1,685	3	49	51	473	497	453
1 Year	563	1	42	58	447	462	430
1/2 Year or Less	528	1	50	50	416	437	395
No Response	8,100		51	49	486	501	466
AP®/Honors Courses	32,829	61	41	59	526	539	508
Course Work or Experience							
English/Language Arts	50,179	98	44	56	494	508	475
Journalism	5,574	11	30	70	499	500	485
Creative Writing	10,355	20	37	63	492	493	475
American Literature	27,429	53	44	56	505	515	485
Composition/Writing	24,598	48	43	57	494	505	476
British Literature	12,687	25	43	57	510	516	489
World Literature	20,100	39	43	57	507	516	486
Communications	4,998	10	43	57	473	488	457
Public Speaking	7,156	14	41	59	498	501	481
English As Second Language	2,472	5	41	59	430	469	419

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	8,753	16	46	54	518	550	501
4 Years	33,466	62	45	55	499	511	480
3 Years	8,919	17	44	56	468	478	448
2 Years	1,666	3	49	51	469	485	448
1 Year	536	1	46	54	443	456	427
1/2 Year or Less	675	1	45	55	422	431	400
No Response	8,134		51	49	486	500	466
AP/Honors Courses	27,654	51	45	55	534	561	517
Highest Level of Mathematics Achieved*							
Calculus	11,155	21	48	52	562	601	547
Pre-calculus	16,082	30	44	56	512	530	494
Trigonometry	3,154	6	45	55	472	481	451
Algebra II	21,121	39	43	57	454	458	434
Algebra I	1,517	3	49	51	403	392	382

*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.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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	Writing
More Than 4 Years	5,432	10	43	57	531	553	512	
4 Years	22,298	42	46	54	513	527	495	
3 Years	19,555	37	43	57	473	487	455	
2 Years	3,531	7	50	50	474	493	453	
1 Year	1,376	3	47	53	472	489	452	
1/2 Year or Less	1,161	2	43	57	428	442	407	
No Response	8,796		50	50	484	499	464	
AP/Honors Courses	27,416	51	44	56	536	555	517	
Course Work or Experience								
Biology	51,499	99	44	56	494	509	476	
Chemistry	40,115	77	44	56	512	528	493	
Physics	15,258	29	52	48	508	530	489	
Geology, Earth, or Space Science	47,107	90	44	56	491	506	471	
Other Sciences	18,448	35	42	58	483	495	464	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,680	9	45	55	533	542	512	
4 Years	20,947	39	46	54	518	527	499	
3 Years	23,056	43	43	57	474	494	456	
2 Years	3,253	6	50	50	469	493	450	
1 Year	960	2	46	54	456	477	438	
1/2 Year or Less	766	1	46	54	417	437	398	
No Response	8,487		51	49	485	499	464	
AP/Honors Courses	30,266	56	43	57	532	546	512	
Course Work or Experience								
U.S. History	49,977	96	44	56	494	508	475	
World History or Cultures	47,652	91	44	56	495	511	477	
U.S. Government or Civics	46,180	89	44	56	494	509	475	
Economics	28,005	54	42	58	497	513	480	
Geography	6,202	12	46	54	496	501	477	
Psychology	14,715	28	36	64	522	526	503	
European History	6,135	12	47	53	544	544	522	
Sociology	5,622	11	35	65	497	503	478	
Ancient History	4,116	8	48	52	516	516	494	
Other Courses	5,432	10	43	57	504	510	483	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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	2,268	4	37	63	557	565	546
4 Years	7,357	14	40	60	554	563	543
3 Years	10,917	20	41	59	521	533	504
2 Years	24,493	46	48	52	475	493	454
1 Year	5,854	11	47	53	461	480	438
1/2 Year or Less	2,706	5	47	53	424	441	404
No Response	8,554		51	49	485	499	464
AP/Honors Courses	12,800	24	38	62	555	568	541
Course Work or Experience							
Chinese	507	1	45	55	533	575	527
French	6,909	13	37	63	514	519	494
German	1,600	3	57	43	537	544	507
Greek	163	0	42	58	553	557	539
Hebrew	77	0	44	56	532	543	528
Italian	128	0	34	66	519	514	500
Japanese	386	1	53	47	521	532	492
Korean	69	0	35	65	492	549	499
Latin	4,904	9	46	54	539	546	515
Russian	150	0	43	57	500	502	484
Spanish	40,637	78	45	55	488	504	470
Other Languages	610	1	41	59	464	481	451

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	3,828	7	37	63	513	523	496
4 Years	8,203	16	36	64	522	527	506
3 Years	5,964	12	36	64	500	508	483
2 Years	8,793	17	43	57	496	509	478
1 Year	9,944	19	49	51	494	513	474
1/2 Year or Less	15,041	29	52	48	473	495	452
No Response	10,376		52	48	487	502	466
AP/Honors Courses	7,538	15	36	64	546	554	530
Course Work or Experience							
Acting or Play Production	8,637	17	33	67	528	521	509
Art History or Appreciation	10,228	20	41	59	499	512	481
Dance	6,694	13	9	91	481	487	472
Drama: Study or Appreciation	8,940	18	31	69	505	505	488
Music: Study or Appreciation	6,497	13	44	56	520	524	500
Music Performance	17,494	35	39	61	515	523	498
Photography or Film	6,886	14	34	66	510	512	493
Studio Art and Design	8,867	18	37	63	518	526	501
None	11,616	23	59	41	466	491	444

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	35,819	71	45	55	498	512	479
Computer Programming	10,397	21	52	48	476	499	456
Word Processing	33,913	68	44	56	497	511	478
Internet Activity	27,707	55	44	56	498	511	478
Using Computer Graphics	17,860	36	49	51	494	511	473
Creating Spreadsheets/Databases	28,056	56	44	56	493	509	474
None	5,799	12	39	61	494	507	478

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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
4,354	9,771	4,318	634	650	625

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	1,027	24
2	1,667	38
3	1,331	31
4 or More	329	8

Table 21: Mean Scores for SAT Subject Test Takers 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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	1,207	636	99	1,190	658	94	632	88	642	95
History and Social Studies										
U.S. History	1,726	675	87	1,711	657	87	653	85	645	89
World History	154	647	103	153	663	92	658	94	644	95
Mathematics										
Mathematics Level 1	1,039	625	95	1,021	611	98	631	90	602	101
Mathematics Level 2	2,853	661	91	2,842	638	89	670	76	632	88
Science										
Biology-E	346	655	84	341	646	84	659	83	634	87
Biology-M	487	678	80	487	662	82	676	79	653	88
Chemistry	789	670	95	786	652	90	696	75	647	88
Physics	350	668	89	346	644	96	707	69	636	95
Foreign and Classical Languages										
Chinese/Listening	57	758	80	57	617	142	702	86	613	135
French	144	607	125	144	662	82	659	95	663	91
French/Listening	24	670		24	680		664		682	
German	12	613		12	663		673		674	
German/Listening	9	534		9	666		643		630	
Modern Hebrew	7	583		7	589		636		641	
Italian	3			3						
Japanese/Listening	8	591		8	543		618		564	
Korean/Listening	50	781	32	48	555	110	686	86	594	110
Latin	52	611	119	52	693	74	693	61	699	69
Spanish	375	595	134	375	643	87	654	81	643	89
Spanish/Listening	79	673	100	74	637	97	634	93	623	101

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	150	12	413	24	34	22
700-740	247	20	411	24	22	14
650-690	237	20	321	19	21	14
600-640	191	16	270	16	29	19
550-590	162	13	154	9	22	14
500-540	100	8	94	5	11	7
450-490	59	5	38	2	10	6
400-440	40	3	19	1	5	3
350-390	17	1	4	0		
300-340	4	0	2	0		
250-290						
200-240						
Total	1,207		1,726		154	
Mean	636		675		647	
SD	99		87		103	
75th percentile	710		740		730	
50th percentile	650		690		640	
25th percentile	570		620		570	

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	81	8	664	23	60	17	113	23	208	26	82	23
700-740	194	19	395	14	64	18	106	22	142	18	70	20
650-690	223	21	481	17	81	23	113	23	143	18	57	16
600-640	190	18	548	19	58	17	88	18	120	15	52	15
550-590	155	15	473	17	48	14	40	8	93	12	54	15
500-540	85	8	221	8	22	6	17	3	43	5	29	8
450-490	56	5	55	2	9	3	5	1	24	3	4	1
400-440	38	4	12	0	3	1	2	0	12	2	2	1
350-390	11	1	4	0	1	0	1	0	4	1		
300-340	6	1					2	0				
250-290												
200-240												
Total	1,039		2,853		346		487		789		350	
Mean	625		661		655		678		670		668	
SD	95		91		84		80		95		89	
75th percentile	700		740		720		740		750		740	
50th percentile	640		650		660		680		680		680	
25th percentile	570		590		600		630		600		590	

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	47	82	22	15	3	13	4	33			1	14
700-740	5	9	20	14	9	38	2	17			1	14
650-690			18	13	3	13			1	11		
600-640	1	2	22	15	3	13	1	8	2	22		
550-590			19	13	4	17			1	11	2	29
500-540	1	2	12	8	2	8	1	8	2	22	1	14
450-490	3	5	13	9			1	8	1	11		
400-440			8	6			1	8	2	22	2	29
350-390			10	7			1	8				
300-340							1	8				
250-290												
200-240												
Total	57		144		24		12		9		7	
Mean	758		607		670		613		534		583	
SD	80		125									
75th percentile	800		720		710							
50th percentile	790		620		690							
25th percentile	760		510		590							

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	25	45	90	8	15	58	15	24	30
700-740	1	33			3	6	9	17	49	13	17	22
650-690	2	67	1	13	2	4	4	8	44	12	10	13
600-640			1	13			8	15	46	12	12	15
550-590			1	13			6	12	50	13	4	5
500-540			1	13			4	8	32	9	6	8
450-490			1	13			8	15	28	7	4	5
400-440							5	10	29	8	1	1
350-390									31	8	1	1
300-340									7	2		
250-290			1	13					1	0		
200-240												
Total	3		8		50		52		375		79	
Mean			591		781		611		595		673	
SD					32		119		134		100	
75th percentile					800		720		710		750	
50th percentile					800		610		600		700	
25th percentile					770		490		490		600	

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	617	1	465	487	443
Architecture and Related Services	953	2	488	528	471
Area, Ethnic, Cultural and Gender Studies	49	0	554	513	530
Biological and Biomedical Sciences	3,359	6	530	544	509
Business Management, Marketing, and Related Support Services	4,963	9	477	504	461
Communication, Journalism and Related Programs	1,436	3	522	505	508
Computer and Information Sciences and Support Services	1,262	2	499	521	461
Construction Trades	75	0	415	455	390
Education	3,315	6	483	494	470
Engineering	4,234	8	512	563	485
Engineering Technologies/Technicians	948	2	462	498	431
English Language and Literature/Letters	596	1	588	529	563
Family and Consumer Sciences/Human Sciences	226	0	434	453	424
Foreign Languages, Literatures, and Linguistics	339	1	560	531	536
Health Professions and Related Clinical Services	13,217	24	479	498	467
History	728	1	549	515	507
Legal Professions and Studies	1,840	3	506	506	485
Liberal Arts and Sciences, General Studies, and Humanities	407	1	542	522	519
Library Science And Administration	17	0	554	499	504
Mathematics and Statistics	507	1	505	579	489
Mechanic and Repair Technologies/Technician	137	0	427	463	397
Military Technologies And Applied Sciences	98	0	485	488	445
Multi/Interdisciplinary Studies	64	0	602	590	580
Natural Resources and Conservation	281	1	519	528	492
Parks, Recreation, Leisure and Fitness Studies	773	1	440	469	424
Personal and Culinary Services	271	0	467	464	438
Philosophy and Religious Studies	172	0	540	532	510
Physical Sciences	749	1	544	566	516
Precision Production	1	0			
Psychology	2,511	5	507	497	485
Public Administration and Social Services Professions	267	0	446	453	429
Security and Protective Services	1,232	2	454	467	433
Social Sciences	695	1	563	541	532
Theology and Religious Vocations	164	0	528	512	491
Transportation and Materials Moving	25	0	453	473	422
Visual and Performing Arts	4,260	8	504	499	487
Other	1,245	2	451	468	435
Undecided	3,236	6	528	544	508
Degree-Level Goal					
Certificate Program	396	1	436	455	419
Associate Degree	892	2	418	425	401
Bachelor's Degree	20,962	36	474	491	455
Master's Degree	16,213	28	500	515	482
Doctoral or Related Degree	12,030	21	524	537	506
Other	362	1	425	443	415
Undecided	6,767	12	505	515	485

College Plans

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

Of the 62,185 students from your state who took the SAT and/or an SAT Subject Test, 48,632 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 1,916 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	17,521	36.0
EAST CAROLINA UNIVERSITY	NC	Public	15,526	31.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	13,267	27.3
APPALACHIAN STATE UNIVERSITY	NC	Public	13,042	26.8
UNIVERSITY OF NORTH CAROLINA WILMINGTON	NC	Public	10,534	21.7
UNIVERSITY NORTH CAROLINA CHARLOTTE	NC	Public	10,442	21.5
UNIVERSITY OF NORTH CAROLINA GREENSBORO	NC	Public	9,444	19.4
WESTERN CAROLINA UNIVERSITY	NC	Public	6,389	13.1
DUKE UNIVERSITY TIP	NC	Scholarship	5,105	10.5
NORTH CAROLINA CENTRAL UNIVERSITY	NC	Public	4,119	8.5
NCAA ELIGIBILITY CENTER	IN	Public	3,417	7.0
DUKE UNIVERSITY	NC	Private	3,413	7.0
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	3,381	7.0
WAKE FOREST UNIVERSITY	NC	Private	2,927	6.0
UNIVERSITY OF NORTH CAROLINA PEMBROKE	NC	Public	2,918	6.0
CAMPBELL UNIVERSITY	NC	Private	2,820	5.8
UNIVERSITY NORTH CAROLINA ASHEVILLE	NC	Public	2,769	5.7
ELON UNIVERSITY	NC	Private	2,763	5.7
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	2,703	5.6
WINSTON-SALEM STATE UNIVERSITY	NC	Public	2,641	5.4
CLEMSON UNIVERSITY	SC	Public	2,446	5.0
WINGATE UNIVERSITY	NC	Private	2,341	4.8
HIGH POINT UNIVERSITY	NC	Private	1,718	3.5
FAYETTEVILLE STATE UNIVERSITY	NC	Public	1,631	3.4
LENOIR-RHYNE UNIVERSITY	NC	Private	1,362	2.8
GARDNER-WEBB UNIVERSITY	NC	Private	1,356	2.8
DAVIDSON COLLEGE	NC	Private	1,354	2.8
NORTH CAROLINA SCHOOL SCIENCE MATH	NC	Scholarship	1,228	2.5
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	1,181	2.4
QUEENS UNIVERSITY OF CHARLOTTE	NC	Private	1,151	2.4
ELIZABETH CITY STATE UNIVERSITY	NC	Public	1,132	2.3
MEREDITH COLLEGE	NC	Private	1,103	2.3
BARTON COLLEGE	NC	Private	1,042	2.1
UNIVERSITY OF VIRGINIA	VA	Public	994	2.0
COLLEGE OF CHARLESTON	SC	Public	941	1.9
METHODIST UNIVERSITY	NC	Private	904	1.9
UNIVERSITY OF GEORGIA	GA	Public	901	1.9
LIBERTY UNIVERSITY	VA	Private	900	1.9
CATAWBA COLLEGE	NC	Private	859	1.8
GUILFORD COLLEGE	NC	Private	816	1.7
MARS HILL COLLEGE	NC	Private	742	1.5
CHOWAN UNIVERSITY	NC	Private	736	1.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	731	1.5
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	708	1.5
VANDERBILT UNIVERSITY	TN	Private	703	1.4

*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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