



2013 College-Bound Seniors

State Profile Report



NORTH CAROLINA

Included in This Report

[SAT® Data](#)

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DATA EMBARGO IN EFFECT *This report contains information on college-bound students in the class of 2013 who took the SAT® or SAT Subject Tests™ at any time during high school. **Data and other information in this report are embargoed from dissemination to the media and general public until the College Board's press conference in mid-September.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College-Board national press conference, please contact the College Board communications department at communications@collegeboard.org.*

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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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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 website 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.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2013

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
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488

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 2000–2013, 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 www.collegeboard.org/cbs.

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SAT® Data

Data in this report are for high school graduates in the year 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	58,100	495	106	506	106	478	105	48.1	10.7	6.9	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	26,158	499	108	521	110	472	106	47.9	10.7	6.7	1.6
Female	31,942	493	104	493	101	483	103	48.3	10.6	7.1	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 (2012-2013)	42,811	483	102	493	102	466	100	46.8	10.2	6.8	1.5
Junior (2011-2012)	14,975	530	108	541	109	513	109	51.7	11.0	7.3	1.5
Sophomore (2010-2011)	301	546	106	570	107	513	104	52.3	10.7	7.1	1.4
Freshman (2009-2010)	13	526		519		495		50.8		6.8	
Total	58,100	495	106	506	106	478	105	48.1	10.7	6.9	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	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	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 2013 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.

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

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	580	550	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	1,028	1,093	2,121	1,546	912	2,458	612	871	1,483
600–690	3,953	4,144	8,097	5,141	4,174	9,315	2,904	3,780	6,684
500–590	8,047	9,727	17,774	8,703	10,239	18,942	6,617	8,924	15,541
400–490	8,746	11,583	20,329	7,466	11,404	18,870	9,608	11,989	21,597
300–390	3,736	4,723	8,459	2,806	4,476	7,282	5,532	5,686	11,218
200–290	648	672	1,320	496	737	1,233	885	692	1,577

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	50,699	90	44	56	490	503	472
Religiously Affiliated	3,215	6	50	50	533	528	523
Independent	2,162	4	52	48	561	571	558
Other or Unknown	2,024		46	54	496	473	471

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	3,686	6	479	106	485	105	458	100
Nonstandard Conditions	1,021	2	503	115	519	120	492	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	695	1	446	97	462	99	429	92
Asian, Asian American, or Pacific Islander	2,561	4	523	125	575	122	514	126
Black or African American	13,732	24	424	88	430	87	406	83
Mexican or Mexican American	1,326	2	459	89	474	88	440	86
Puerto Rican	465	1	487	95	482	97	468	94
Other Hispanic, Latino, or Latin American	1,802	3	478	101	488	103	466	98
White	34,943	60	525	97	534	95	508	97
Other	1,695	3	498	109	501	106	479	106
No Response	881	2	494	113	491	105	471	105
Total	58,100	100	495	106	506	106	478	105

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	288	0	451	104	478	106	425	98
Asian, Asian American, or Pacific Islander	1,175	2	527	124	591	121	510	125
Black or African American	5,917	10	420	90	435	91	395	83
Mexican or Mexican American	540	1	466	91	492	90	439	90
Puerto Rican	203	0	499	101	502	103	470	101
Other Hispanic, Latino, or Latin American	761	1	487	105	512	108	468	100
White	16,160	28	528	99	550	97	500	98
Other	662	1	503	112	521	107	472	105
No Response	452	1	498	112	503	105	465	101
Total	26,158	45	499	108	521	110	472	106

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	407	1	442	92	451	92	432	87
Asian, Asian American, or Pacific Islander	1,386	2	520	125	562	122	517	127
Black or African American	7,815	13	427	86	426	84	415	81
Mexican or Mexican American	786	1	455	88	461	85	441	83
Puerto Rican	262	0	477	88	466	89	467	88
Other Hispanic, Latino, or Latin American	1,041	2	472	98	470	95	464	96
White	18,783	32	523	95	521	91	514	95
Other	1,033	2	495	107	488	103	483	106
No Response	429	1	490	113	478	103	478	109
Total	31,942	55	493	104	493	101	483	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	58,100	100	495	106	506	106	478	105
First Language Learned								
English	50,167	89	496	105	505	104	479	103
English and Another	3,766	7	489	110	506	116	475	111
Another Language	2,746	5	469	111	508	119	462	113
No Response	1,421		529	117	535	117	511	113
Citizenship								
U.S. Citizen / U.S. National	53,916	97	497	105	506	105	480	104
U.S. Permanent Resident or Refugee	1,083	2	481	117	514	119	472	118
Citizen of Another Country	608	1	461	112	524	126	463	111
Other, Unknown, or No Response	2,493		474	122	487	121	458	118
Plans to Apply for Financial Aid								
Yes	39,664	78	489	104	498	103	471	102
No	3,065	6	522	102	539	104	509	103
Don't Know	8,285	16	517	102	531	104	501	104
No Response	7,086		495	117	508	118	479	116
Family Income								
\$0 - \$20,000	3,568	12	431	96	441	93	413	89
\$20,000–\$40,000	5,318	19	460	96	469	96	439	91
\$40,000–\$60,000	4,614	16	485	97	493	95	465	93
\$60,000–\$80,000	4,102	14	495	96	505	94	475	94
\$80,000–\$100,000	3,459	12	505	97	517	96	487	95
\$100,000–\$120,000	2,678	9	519	95	530	95	501	95
\$120,000–\$140,000	1,356	5	527	96	540	99	513	96
\$140,000–\$160,000	931	3	532	95	545	97	514	97
\$160,000–\$200,000	1,063	4	534	97	547	97	520	99
More than \$200,000	1,541	5	560	101	573	100	549	103
No Response	29,470		501	109	511	110	485	108
Highest Level of Parental Education								
No High School Diploma	1,536	3	430	90	454	96	417	84
High School Diploma	14,588	27	458	94	468	94	438	90
Associate Degree	6,717	13	469	92	481	93	451	88
Bachelor's Degree	18,776	35	516	99	526	100	499	98
Graduate Degree	11,587	22	554	107	561	109	538	108
No Response	4,896		449	98	462	99	434	95
Took the PSAT/NMSQT®								
Yes, As a Junior	12,179	23	475	101	484	101	458	99
Yes, As a Sophomore or Younger	18,441	35	498	98	512	99	480	96
Yes, As a Junior and As a Sophomore or Younger	14,469	27	537	105	547	104	523	105
No	7,660	15	452	97	457	97	432	92
No Response	5,351		482	116	493	116	465	114

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	9,884	33	40	60	571	589	557
Second Tenth	8,089	27	44	56	510	526	492
Second Fifth	5,962	20	48	52	477	491	458
Final Three Fifths	6,283	21	48	52	431	439	414
No Response	27,882		46	54	483	489	466

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)	4,477	8	39	61	583	599	569
A (93–96)	15,368	28	39	61	542	556	527
A- (90–92)	11,168	21	43	57	502	515	485
B (80–89)	19,635	36	49	51	454	461	435
C (70–79)	3,540	7	58	42	404	408	385
D, E, or F (below 70)	106	0	51	49	417	412	394
No Response	3,806		48	52	490	494	471
Mean Grade Point Average	All Students: 3.51		Male: 3.44		Female: 3.57		

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	3.74	3.87	3.81
English and Language Arts	3.8	3.8	3.8	3.40	3.61	3.52
Foreign and Classical Languages	2.4	2.5	2.5	3.24	3.49	3.38
Mathematics	3.9	3.9	3.9	3.28	3.33	3.31
Natural Sciences	3.5	3.5	3.5	3.39	3.44	3.42
Social Sciences and History	3.5	3.5	3.5	3.47	3.49	3.48
Total for All Subjects	18.8	19.4	19.2			

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	5,043	10	42	58	520	528	505
4 Years	34,222	71	44	56	500	510	483
3 Years	6,151	13	43	57	470	479	452
2 Years	1,828	4	51	49	485	501	465
1 Year	486	1	50	50	446	462	435
1/2 Year or Less	578	1	47	53	414	427	395
No Response	9,792		49	51	493	505	477
AP®/Honors Courses	31,529	65	41	59	524	533	507
Course Work or Experience							
English/Language Arts	44,760	98	44	56	496	506	479
Journalism	4,378	10	29	71	498	493	485
Creative Writing	7,633	17	36	64	496	491	481
American Literature	21,226	46	42	58	512	517	495
Composition/Writing	18,068	39	41	59	500	505	484
British Literature	10,433	23	41	59	524	523	505
World Literature	15,164	33	42	58	512	516	494
Communications	3,556	8	41	59	478	484	464
Public Speaking	5,742	13	41	59	505	504	489
English As Second Language	2,146	5	39	61	429	461	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	10,306	21	44	56	530	555	514
4 Years	28,622	59	44	56	493	500	476
3 Years	6,512	13	44	56	470	474	451
2 Years	1,682	3	48	52	476	487	458
1 Year	461	1	46	54	448	459	433
1/2 Year or Less	688	1	45	55	420	424	403
No Response	9,829		49	51	493	504	476
AP/Honors Courses	27,383	57	44	56	531	551	514
Highest Level of Mathematics Achieved*							
Calculus	13,359	28	47	53	556	588	541
Pre-calculus	14,372	30	42	58	501	510	483
Geometry	18,671	39	43	57	452	448	434
Algebra II	474	1	45	55	449	445	429
Algebra I	86	0	62	38	411	392	390

*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	5,459	11	43	57	534	552	518	
4 Years	20,137	42	44	56	513	522	497	
3 Years	16,295	34	43	57	473	480	454	
2 Years	3,387	7	49	51	483	495	462	
1 Year	1,216	3	48	52	471	483	451	
1/2 Year or Less	1,155	2	41	59	430	440	413	
No Response	10,451		49	51	491	502	474	
AP/Honors Courses	27,010	57	43	57	532	546	515	
Course Work or Experience								
Biology	45,673	99	44	56	496	506	479	
Chemistry	38,375	83	43	57	509	520	492	
Physics	15,817	34	53	47	517	535	499	
Geology, Earth, or Space Science	42,139	91	43	57	493	504	475	
Other Sciences	17,074	37	40	60	488	494	471	

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	4,817	10	45	55	537	543	520	
4 Years	19,504	41	45	55	516	522	499	
3 Years	18,731	39	42	58	473	487	456	
2 Years	3,233	7	49	51	480	494	459	
1 Year	944	2	48	52	459	474	444	
1/2 Year or Less	729	2	44	56	417	431	403	
No Response	10,142		49	51	492	504	475	
AP/Honors Courses	29,277	61	43	57	529	539	511	
Course Work or Experience								
U.S. History	44,672	96	44	56	495	505	478	
World History or Cultures	42,282	91	43	57	498	508	480	
U.S. Government or Civics	41,513	90	43	57	497	507	479	
Economics	24,820	54	41	59	499	510	483	
Geography	5,513	12	45	55	507	509	491	
Psychology	17,226	37	35	65	520	523	502	
European History	5,640	12	46	54	547	544	528	
Sociology	5,715	12	33	67	498	498	480	
Ancient History	2,791	6	46	54	523	520	505	
Other Courses	6,071	13	42	58	506	511	489	

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	2,550	5	39	61	555	567	547
4 Years	6,951	15	38	62	550	555	539
3 Years	9,552	20	40	60	521	529	506
2 Years	21,108	44	48	52	475	486	455
1 Year	5,356	11	45	55	468	480	446
1/2 Year or Less	2,287	5	47	53	432	443	414
No Response	10,296		49	51	491	503	475
AP/Honors Courses	12,949	27	38	62	548	559	535
Course Work or Experience							
Chinese	694	1	48	52	537	563	518
French	6,519	14	36	64	512	513	494
German	1,438	3	57	43	539	541	509
Greek	151	0	48	52	535	521	524
Hebrew	100	0	38	62	481	499	479
Italian	142	0	42	58	495	505	482
Japanese	434	1	46	54	518	525	491
Korean	79	0	42	58	469	502	464
Latin	4,320	9	43	57	542	544	521
Russian	175	0	46	54	501	498	475
Spanish	36,040	78	44	56	489	500	473
Other Languages	562	1	36	64	476	483	458

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			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,632	8	35	65	523	527	508	
4 Years	7,900	17	34	66	518	519	502	
3 Years	5,069	11	35	65	495	499	479	
2 Years	7,887	17	42	58	493	502	478	
1 Year	8,334	18	49	51	497	511	479	
1/2 Year or Less	13,161	29	52	48	479	495	459	
No Response	12,117		51	49	492	504	475	
AP/Honors Courses	7,935	17	35	65	538	543	522	
Course Work or Experience								
Acting or Play Production	7,375	17	32	68	528	519	510	
Art History or Appreciation	9,172	21	40	60	499	504	482	
Dance	5,799	13	8	92	482	483	473	
Drama: Study or Appreciation	8,145	18	29	71	504	499	488	
Music: Study or Appreciation	5,670	13	42	58	517	516	501	
Music Performance	15,375	34	39	61	515	521	500	
Photography or Film	5,873	13	30	70	507	506	493	
Studio Art and Design	8,108	18	34	66	519	521	503	
None	10,332	23	60	40	472	492	452	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	28,059	63	45	55	502	512	484
Computer Programming	8,448	19	54	46	485	502	467
Word Processing	27,703	62	43	57	500	509	482
Internet Activity	21,609	49	44	56	502	510	484
Using Computer Graphics	14,841	33	50	50	496	509	478
Creating Spreadsheets/Databases	21,693	49	44	56	497	509	480
None	6,877	16	38	62	494	503	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
3,675	8,602	3,573	642	661	633

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	556	15
2	1,674	46
3	1,157	31
4 or More	288	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			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	987	644	95	951	666	86	638	87	650	88	
History and Social Studies											
U.S. History	1,418	678	91	1,386	656	82	657	83	646	86	
World History	148	645	104	140	670	99	670	95	659	94	
Mathematics											
Mathematics Level 1	1,025	630	95	982	618	92	639	84	606	95	
Mathematics Level 2	2,203	684	87	2,158	651	88	689	71	645	86	
Science											
Biology-E	377	660	88	366	645	88	664	91	642	92	
Biology-M	505	675	90	489	654	85	671	77	645	91	
Chemistry	833	676	98	809	660	93	700	74	651	88	
Physics	397	688	90	389	659	91	714	68	648	93	
Foreign and Classical Languages											
Chinese/Listening	45	760	63	44	619	139	713	71	614	144	
French	119	621	117	118	661	100	662	87	661	93	
French/Listening	20	605		20	653		628		652		
German	6	528		6	622		687		617		
German/Listening	12	628		12	639		615		603		
Modern Hebrew	1			1							
Italian	4			4							
Japanese/Listening	15	617		15	623		636		593		
Korean/Listening	19	750		19	578		670		592		
Latin	63	604	123	62	679	85	679	72	676	78	
Spanish	345	619	124	340	646	86	655	87	655	87	
Spanish/Listening	60	653	114	59	639	91	642	87	633	98	

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	106	11	401	28	26	18
700-740	229	23	304	21	30	20
650-690	205	21	270	19	23	16
600-640	187	19	190	13	19	13
550-590	118	12	120	8	21	14
500-540	62	6	70	5	13	9
450-490	34	3	40	3	12	8
400-440	30	3	14	1	3	2
350-390	14	1	8	1	1	1
300-340	2	0	1	0		
250-290						
200-240						
Total	987		1,418		148	
Mean	644		678		645	
SD	95		91		104	
75th percentile	720		750		730	
50th percentile	660		690		660	
25th percentile	590		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	70	7	688	31	68	18	118	23	246	30	130	33
700-740	236	23	340	15	77	20	113	22	155	19	68	17
650-690	208	20	407	18	91	24	107	21	148	18	71	18
600-640	185	18	388	18	59	16	87	17	112	13	61	15
550-590	132	13	256	12	44	12	39	8	76	9	39	10
500-540	95	9	89	4	20	5	22	4	52	6	19	5
450-490	46	4	24	1	10	3	7	1	30	4	6	2
400-440	33	3	9	0	6	2	5	1	12	1	2	1
350-390	15	1	2	0	1	0	4	1	2	0	1	0
300-340	5	0			1	0	2	0				
250-290							1	0				
200-240												
Total	1,025		2,203		377		505		833		397	
Mean	630		684		660		675		676		688	
SD	95		87		88		90		98		90	
75th percentile	710		760		730		740		760		760	
50th percentile	650		690		660		690		690		690	
25th percentile	570		620		610		620		620		630	

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	34	76	24	20	3	15	1	17	1	8	1	100
700-740	5	11	14	12	2	10			3	25		
650-690	2	4	16	13	2	10			1	8		
600-640	2	4	13	11	2	10	1	17	2	17		
550-590	1	2	17	14	5	25			1	8		
500-540	1	2	15	13	3	15			4	33		
450-490			12	10	1	5	3	50				
400-440			5	4	1	5						
350-390			2	2	1	5	1	17				
300-340			1	1								
250-290												
200-240												
Total	45		119		20		6		12		1	
Mean	760		621		605		528		628			
SD	63		117									
75th percentile	800		720		690							
50th percentile	790		630		590							
25th percentile	740		520		520							

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	50	5	33	16	84	9	14	60	17	15	25
700-740	1	25	3	20	1	5	8	13	59	17	11	18
650-690			1	7			10	16	50	14	11	18
600-640			1	7			6	10	35	10	8	13
550-590							7	11	45	13	7	12
500-540			2	13	1	5	4	6	30	9	2	3
450-490							14	22	28	8	2	3
400-440					1	5	3	5	20	6	2	3
350-390			1	7			2	3	12	3	1	2
300-340			1	7					6	2	1	2
250-290	1	25										
200-240			1	7								
Total	4		15		19		63		345		60	
Mean			617		750		604		619		653	
SD							123		124		114	
75th percentile							700		720		740	
50th percentile							600		630		670	
25th percentile							480		530		590	

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	700	1	472	483	453
Architecture and Related Services	723	1	490	527	476
Area, Ethnic, Cultural and Gender Studies	56	0	559	525	533
Biological and Biomedical Sciences	3,563	7	530	539	513
Business Management, Marketing, and Related Support Services	4,939	10	484	504	468
Communication, Journalism and Related Programs	1,290	2	518	503	507
Computer and Information Sciences and Support Services	1,309	3	516	534	482
Construction Trades	50	0	449	477	410
Education	2,440	5	485	489	473
Engineering	4,380	8	521	567	496
Engineering Technologies/Technicians	684	1	471	502	442
English Language and Literature/Letters	469	1	581	523	559
Family and Consumer Sciences/Human Sciences	213	0	444	447	433
Foreign Languages, Literatures, and Linguistics	290	1	560	533	544
Health Professions and Related Clinical Services	12,770	25	480	493	469
History	578	1	539	510	504
Legal Professions and Studies	1,453	3	507	506	491
Liberal Arts and Sciences, General Studies, and Humanities	344	1	553	525	536
Library Science And Administration	4	0			
Mathematics and Statistics	345	1	512	585	502
Mechanic and Repair Technologies/Technician	135	0	426	452	408
Military Technologies And Applied Sciences	365	1	487	497	451
Multi/Interdisciplinary Studies	194	0	593	585	569
Natural Resources and Conservation	268	1	521	528	498
Parks, Recreation, Leisure and Fitness Studies	720	1	430	455	410
Personal and Culinary Services	220	0	444	445	422
Philosophy and Religious Studies	137	0	531	517	505
Physical Sciences	713	1	543	558	517
Precision Production	6	0	420	380	403
Psychology	2,338	5	500	488	482
Public Administration and Social Services Professions	266	1	458	449	445
Security and Protective Services	1,526	3	457	466	436
Social Sciences	709	1	563	544	544
Theology and Religious Vocations	122	0	522	511	503
Transportation and Materials Moving	10	0	407	427	392
Visual and Performing Arts	3,800	7	502	493	484
Other	1,034	2	455	464	436
Undecided	2,759	5	534	547	517
Degree-Level Goal					
Certificate Program	339	1	445	446	422
Associate Degree	708	1	419	424	403
Bachelor's Degree	18,706	36	474	484	456
Master's Degree	14,872	29	502	513	485
Doctoral or Related Degree	11,219	22	526	535	511
Other	224	0	419	432	406
Undecided	5,475	11	507	515	487

College Plans

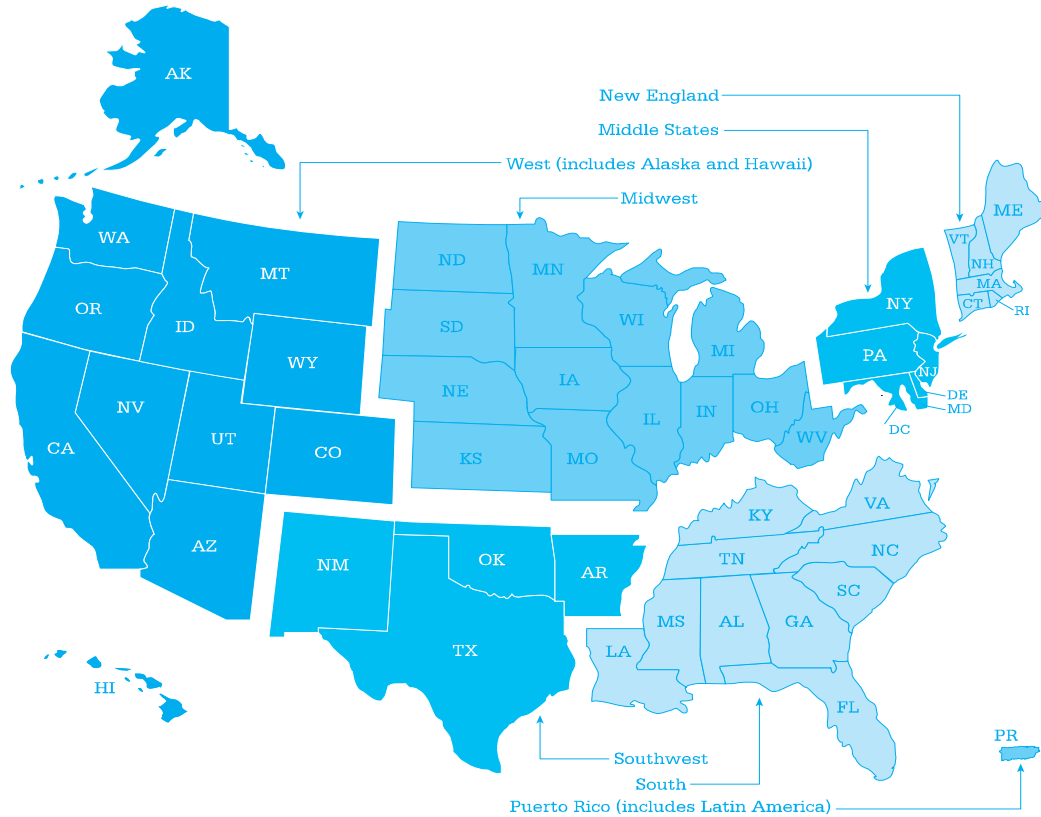
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 58,202 students from your state who took the SAT and/or an SAT Subject Test, 46,175 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 1,937 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	16,438	35.6
EAST CAROLINA UNIVERSITY	NC	Public	13,558	29.4
UNIVERSITY NORTH CAROLINA CHARLOTTE	NC	Public	12,733	27.6
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	12,374	26.8
APPALACHIAN STATE UNIVERSITY	NC	Public	12,166	26.3
UNIVERSITY OF NORTH CAROLINA WILMINGTON	NC	Public	9,976	21.6
UNIVERSITY OF NORTH CAROLINA GREENSBORO	NC	Public	8,387	18.2
WESTERN CAROLINA UNIVERSITY	NC	Public	6,399	13.9
DUKE UNIVERSITY TIP	NC	Scholarship	4,318	9.4
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	3,921	8.5
CAMPBELL UNIVERSITY	NC	Private	3,526	7.6
NORTH CAROLINA CENTRAL UNIVERSITY	NC	Public	3,376	7.3
WINGATE UNIVERSITY	NC	Private	3,196	6.9
DUKE UNIVERSITY	NC	Private	3,145	6.8
UNIVERSITY OF NORTH CAROLINA PEMBROKE	NC	Public	3,038	6.6
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	2,986	6.5
WINSTON-SALEM STATE UNIVERSITY	NC	Public	2,877	6.2
NCAA ELIGIBILITY CENTER	IN	Public	2,659	5.8
UNIVERSITY NORTH CAROLINA ASHEVILLE	NC	Public	2,645	5.7
CLEMSON UNIVERSITY	SC	Public	2,454	5.3
WAKE FOREST UNIVERSITY	NC	Private	2,302	5.0
ELON UNIVERSITY	NC	Private	2,290	5.0
FAYETTEVILLE STATE UNIVERSITY	NC	Public	1,749	3.8
HIGH POINT UNIVERSITY	NC	Private	1,568	3.4
GARDNER-WEBB UNIVERSITY	NC	Private	1,498	3.2
LENOIR-RHYNE UNIVERSITY	NC	Private	1,464	3.2
ELIZABETH CITY STATE UNIVERSITY	NC	Public	1,200	2.6
DAVIDSON COLLEGE	NC	Private	1,185	2.6
NORTH CAROLINA SCHOOL SCIENCE MATH	NC	Scholarship	1,088	2.4
MEREDITH COLLEGE	NC	Private	1,068	2.3
QUEENS UNIVERSITY OF CHARLOTTE	NC	Private	1,003	2.2
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	991	2.1
UNIVERSITY OF VIRGINIA	VA	Public	968	2.1
CATAWBA COLLEGE	NC	Private	966	2.1
LIBERTY UNIVERSITY	VA	Private	935	2.0
UNIVERSITY OF GEORGIA	GA	Public	926	2.0
COLLEGE OF CHARLESTON	SC	Public	899	1.9
METHODIST UNIVERSITY	NC	Private	882	1.9
VANDERBILT UNIVERSITY	TN	Private	854	1.8
BARTON COLLEGE	NC	Private	849	1.8
MARS HILL COLLEGE	NC	Private	846	1.8
UNIVERSITY OF ALABAMA TUSCALOOSA	AL	Public	845	1.8
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	735	1.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	705	1.5
WAKE TECHNICAL COLLEGE	NC	Public	693	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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