

SAT[®]

2016 College-Bound Seniors

State Profile Report



NORTH CAROLINA

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

DATA EMBARGO IN EFFECT. This report contains information on college-bound students in the class of 2016 who took the pre-March 2016 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 after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2016.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions, please contact the College Board communications department at communications@collegeboard.org.

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The SAT® Program

The SAT® 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 2016* includes students who tested through January 2016. The College Board administered the first redesigned SAT in March 2016. While a majority of the Class of 2016 took only the pre-March 2016 SAT, a small percentage took the new SAT. The report includes senior test-takers in this class who took the SAT prior to March 2016. To help schools with the transition to the new SAT, we have included an addendum on results from the March - June 2016 administrations.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2016 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 a 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, 1972–2016

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
2014	499	495	497	530	499	513	481	492	487
2015	497	493	495	527	496	511	478	490	484
2016	495	493	494	524	494	508	475	487	482

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 2000–2016, 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 2015 include students testing through June. Cohort data presented for 2016 includes test-takers through January 2016. 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 2016. Information is summarized for seniors who took the SAT at any time during their high school years through January 2016. If a student took the pre-March 2016 SAT more than once, the most recent score is used. A small percentage of seniors take their first SAT between March and June of their senior years.

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	54,663	502	105	508	107	475	106	48.0	10.7	6.7	1.6

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	24,042	506	107	525	110	470	107	47.9	10.8	6.5	1.7
Female	30,621	498	103	494	101	479	104	48.1	10.6	6.9	1.5

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the pre-March 2016 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 (2015-2016)	36,625	485	99	489	101	457	99	46.2	10.0	6.6	1.6
Junior (2014-2015)	17,542	536	108	544	108	512	109	51.8	11.0	7.0	1.6
Sophomore (2013-2014)	475	559	108	584	108	522	109	53.6	11.0	6.8	1.6
Freshman (2012-2013)	21	470		487		449		45.1		6.7	
Total	54,663	502	105	508	107	475	106	48.0	10.7	6.7	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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,637,589	494	117	508	121	482	115	48.4	11.7	6.9	1.7

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	590	560
50th	500	500	470	490	500	480
25th	430	430	400	410	420	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	1,098	1,095	2,193	1,527	853	2,380	586	789	1,375
600-690	3,927	4,420	8,347	5,013	4,196	9,209	2,582	3,528	6,110
500-590	7,531	9,486	17,017	7,778	9,624	17,402	6,285	8,484	14,769
400-490	7,880	10,838	18,718	6,917	10,880	17,797	8,355	10,967	19,322
300-390	3,113	4,172	7,285	2,391	4,460	6,851	5,392	6,136	11,528
200-290	493	610	1,103	416	608	1,024	842	717	1,559

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	48,327	90	44	56	496	504	468
Religiously Affiliated	3,096	6	47	53	535	532	523
Independent	1,980	4	51	49	566	574	562
Other or Unknown	1,260		43	57	535	503	505

Note: Percentiles are reported when there are 20 or more test-takers.
The College Board is no longer collecting data regarding Disabling Conditions.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 8: 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	542	1	461	103	471	95	431	97
Asian or Asian American	2,592	5	536	122	585	121	525	128
Black or African American	11,852	22	429	89	430	88	401	85
Native Hawaiian or Pacific Islander	30	0	488	111	460	83	450	92
Hispanic, Latino, or Latin American	4,567	8	475	96	477	94	446	92
White	32,031	59	531	95	536	96	504	97
Two or More Races, non-Hispanic	1,393	3	484	98	477	96	450	94
Other	511	1	529	111	530	110	502	110
No Response	1,145	2	499	112	501	111	472	110
Total	54,663	100	502	105	508	107	475	106

Table 9: 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	213	0	475	101	487	99	432	96
Asian or Asian American	1,189	2	541	121	603	120	520	127
Black or African American	4,975	9	426	90	438	92	393	85
Native Hawaiian or Pacific Islander	14	0	424		411		396	
Hispanic, Latino, or Latin American	1,831	3	481	101	497	98	444	95
White	14,481	26	535	97	554	98	498	99
Two or More Races, non-Hispanic	564	1	490	107	496	102	447	98
Other	229	0	532	114	548	118	496	115
No Response	546	1	499	109	515	111	462	108
Total	24,042	44	506	107	525	110	470	107

Table 10: 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	329	1	452	103	460	90	430	98
Asian or Asian American	1,403	3	533	123	571	121	529	128
Black or African American	6,877	13	431	88	425	85	407	84
Native Hawaiian or Pacific Islander	16	0	544		502		498	
Hispanic, Latino, or Latin American	2,736	5	471	92	463	89	448	90
White	17,550	32	528	94	521	92	509	95
Two or More Races, non-Hispanic	829	2	480	91	465	89	453	91
Other	282	1	526	108	516	101	508	106
No Response	599	1	499	115	488	108	481	111
Total	30,621	56	498	103	494	101	479	104

Demographic Information

SAT: Student Background Information and Characteristics

Table 11: 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	54,663	100	502	105	508	107	475	106
First Language Learned								
English	47,519	87	504	104	508	105	476	104
English and Another	4,385	8	492	112	506	117	471	115
Another Language	2,458	5	477	112	513	121	462	113
No Response	301		510	117	519	114	484	111
Citizenship								
U.S. Citizen / U.S. National	52,443	97	503	104	508	106	476	105
U.S. Permanent Resident or Refugee	884	2	474	120	507	127	462	121
Citizen of Another Country	574	1	467	110	536	133	467	111
Other, Unknown, or No Response	762		433	105	452	110	408	100
Plans to Apply for Financial Aid								
Yes	38,006	78	500	103	503	104	471	103
No	3,128	6	532	99	546	103	514	102
Don't Know	7,301	15	525	103	536	107	503	106
No Response	6,228		472	113	483	115	447	113
Family Income								
Less than \$20,000	3,921	11	437	92	439	90	407	85
About \$20,000 to \$40,000	6,245	17	462	93	465	92	431	90
About \$40,001 to \$60,000	5,381	14	488	95	488	94	455	93
About \$60,001 to \$80,000	5,077	14	501	94	505	94	471	93
About \$80,001 to \$100,000	5,054	14	515	95	522	94	486	95
About \$100,001 to \$140,000	5,637	15	528	95	536	95	503	95
About \$140,001 to \$200,000	3,122	8	540	94	551	99	518	97
More than \$200,000	2,781	7	562	94	574	99	546	98
No Response	17,445		506	114	514	116	482	115
Highest Level of Parental Education								
No High School Diploma	1,998	4	436	89	452	92	410	83
High School Diploma	12,990	25	459	94	463	92	429	89
Associate Degree	6,355	12	470	90	475	90	440	87
Bachelor's Degree	18,878	36	518	97	525	100	492	98
Graduate Degree	12,159	23	555	104	560	107	533	108
No Response	2,283		471	121	479	120	447	121
Took the PSAT/NMSQT®								
Yes, As a Junior	9,141	24	521	104	527	104	498	104
Yes, As a Sophomore or Younger	14,164	37	518	95	531	98	493	96
Yes, As a Junior and As a Sophomore or Younger	9,018	24	559	100	567	102	542	102
No	5,483	15	488	100	491	99	457	96
No Response	16,857		451	94	452	92	418	87

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 12: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	10,322	33	40	60	577	589	551
Second Tenth	8,518	27	44	56	514	525	485
Second Fifth	6,171	20	47	53	484	491	455
Final Three Fifths	6,216	20	46	54	438	441	410
No Response	23,436		44	56	486	488	461

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	4,846	9	38	62	582	594	560
A (93–96)	15,825	30	38	62	546	555	522
A- (90–92)	10,932	21	43	57	506	513	479
B (80–89)	18,108	35	49	51	457	459	428
C (70–79)	2,688	5	57	43	407	407	377
D, E, or F (below 70)	58	0	50	50	394	392	348
No Response	2,206		49	51	472	474	444
Mean Grade Point Average	All Students: 3.56		Male: 3.49		Female: 3.62		

Table 14: 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	3.82	3.91	3.88
English and Language Arts	3.8	3.8	3.8	3.48	3.67	3.59
Foreign and Classical Languages	2.4	2.5	2.5	3.39	3.61	3.52
Mathematics	3.9	3.9	3.9	3.34	3.39	3.37
Natural Sciences	3.6	3.6	3.6	3.48	3.51	3.50
Social Sciences and History	3.7	3.7	3.7	3.56	3.60	3.59
Total for All Subjects	19.1	19.7	19.5			

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 15: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	4,392	10	40	60	534	537	511
4 Years	33,259	73	43	57	515	520	489
3 Years	4,999	11	45	55	470	477	443
2 Years	1,654	4	48	52	488	502	458
1 Year	492	1	43	57	456	462	427
1/2 Year or Less	869	2	45	55	412	424	387
No Response	8,998		48	52	466	476	440
AP [®] /Honors Courses	32,316	71	41	59	529	534	503
Course Work or Experience							
English/Language Arts	45,708	99	43	57	505	510	478
Journalism	3,476	8	28	72	507	499	486
Creative Writing	5,770	12	34	66	514	500	491
American Literature	17,699	38	42	58	522	522	497
Composition/Writing	13,717	30	41	59	521	517	496
British Literature	7,250	16	41	59	530	525	502
World Literature	10,187	22	43	57	526	527	500
Communications	1,991	4	41	59	500	502	475
Public Speaking	5,586	12	40	60	523	519	499
English As Second Language	1,263	3	39	61	433	470	419
Mathematics							
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	11,079	23	45	55	545	566	520
4 Years	27,655	58	43	57	506	506	479
3 Years	5,388	11	45	55	470	472	441
2 Years	1,536	3	47	53	476	482	447
1 Year	499	1	43	57	449	457	420
1/2 Year or Less	1,332	3	44	56	413	415	387
No Response	7,174		47	53	467	476	441
AP/Honors Courses	31,038	65	44	56	532	546	506
Highest Level of Mathematics Achieved*							
Calculus	14,365	30	49	51	566	594	543
Pre-calculus	15,375	32	41	59	505	508	477
Geometry	14,757	31	40	60	462	453	434
Algebra II	1,671	4	42	58	422	416	394
Algebra I	328	1	46	54	433	413	396

*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 16: 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	4,961	11	43	57	551	565	527	
4 Years	21,741	48	44	56	525	531	499	
3 Years	14,279	32	41	59	481	482	453	
2 Years	2,347	5	47	53	488	499	459	
1 Year	755	2	44	56	478	486	450	
1/2 Year or Less	988	2	43	57	419	428	392	
No Response	9,592		48	52	467	476	441	
AP/Honors Courses	28,760	64	42	58	534	543	508	
Course Work or Experience								
Biology	46,331	99	43	57	505	511	479	
Chemistry	40,102	86	43	57	517	524	491	
Physics	16,306	35	53	47	529	545	503	
Geology, Earth, or Space Science	42,256	90	43	57	503	509	475	
Other Sciences	16,605	35	38	62	501	502	475	

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	4,543	10	43	57	550	555	526	
4 Years	26,233	59	43	57	518	521	491	
3 Years	10,279	23	43	57	485	493	458	
2 Years	2,177	5	49	51	484	497	456	
1 Year	667	1	44	56	458	472	431	
1/2 Year or Less	736	2	43	57	415	425	387	
No Response	10,028		48	52	468	476	441	
AP/Honors Courses	29,432	66	42	58	532	539	506	
Course Work or Experience								
U.S. History	44,264	95	43	57	508	513	481	
World History or Cultures	42,370	91	43	57	508	513	481	
U.S. Government or Civics	39,863	86	43	57	510	514	482	
Economics	19,847	43	41	59	509	516	484	
Geography	5,717	12	45	55	536	540	513	
Psychology	19,047	41	35	65	532	533	507	
European History	4,982	11	45	55	559	554	534	
Sociology	5,902	13	32	68	511	508	486	
Ancient History	2,136	5	46	54	529	523	505	
Other Courses	6,940	15	41	59	504	503	477	

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: 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	2,692	6	38	62	571	578	555
4 Years	6,760	15	39	61	560	563	543
3 Years	9,228	21	42	58	530	536	507
2 Years	18,751	42	45	55	490	495	460
1 Year	5,348	12	43	57	475	482	441
1/2 Year or Less	1,854	4	46	54	432	441	402
No Response	10,030		48	52	467	476	440
AP/Honors Courses	14,679	33	39	61	550	557	528
Course Work or Experience							
Chinese	990	2	52	48	545	568	516
French	6,615	14	36	64	518	514	490
German	1,392	3	56	44	544	545	510
Greek	113	0	50	50	562	554	544
Hebrew	63	0	49	51	511	509	497
Italian	115	0	37	63	509	508	491
Japanese	361	1	46	54	535	543	497
Korean	35	0	23	77	432	456	440
Latin	4,111	9	45	55	548	548	519
Russian	152	0	43	57	529	529	502
Spanish	35,898	77	43	57	499	505	473
Other Languages	583	1	33	67	491	496	465

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: Arts and Music

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		2,327	8	35	65	530	524	503
4 Years		5,236	18	32	68	518	513	492
3 Years		2,926	10	32	68	498	493	470
2 Years		4,432	16	37	63	496	496	469
1 Year		5,191	18	45	55	494	503	468
1/2 Year or Less		8,467	30	50	50	478	489	447
No Response		26,084		48	52	506	516	482
AP/Honors Courses		7,660	27	34	66	527	526	500
Course Work or Experience								
Acting or Play Production		7,444	17	31	69	534	520	508
Art History or Appreciation		8,068	19	36	64	512	509	485
Dance		5,895	14	9	91	491	488	473
Drama: Study or Appreciation		7,602	18	28	72	512	503	488
Music: Study or Appreciation		5,566	13	41	59	529	523	503
Music Performance		15,948	37	38	62	525	523	500
Photography or Film		5,927	14	31	69	515	510	493
Studio Art and Design		7,957	19	32	68	528	526	504
None		9,829	23	58	42	491	506	459

SAT Subject Tests™ Data

Table 19: 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
3,728	9,064	3,345	635	655	622

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	432	12
2	1,641	44
3	1,355	36
4 or More	300	8

Table 20: 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 pre-March 2016 SAT.

	SAT Subject Test			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	1,104	593	128	902	628	119	613	115	610	124
History and Social Studies										
U.S. History	1,454	632	118	1,292	643	100	646	103	630	105
World History	246	622	103	229	657	83	664	86	648	87
Mathematics										
Mathematics Level 1	1,078	589	127	879	593	116	614	114	578	119
Mathematics Level 2	2,225	684	100	2,081	652	90	693	80	644	92
Science										
Biology-E	548	612	121	480	630	108	642	109	610	111
Biology-M	491	656	104	449	642	87	664	88	633	94
Chemistry	826	660	105	761	658	93	697	81	648	94
Physics	468	672	97	435	661	95	715	85	647	99
Foreign and Classical Languages										
Chinese/Listening	44	739	84	43	618	115	672	90	609	99
French	109	578	112	105	647	92	648	91	648	87
French/Listening	21	619		20	641		633		626	
German	15	596		14	681		696		689	
German/Listening	9	602		9	621		649		626	
Modern Hebrew	2			2						
Italian	2			2						
Japanese/Listening	7	709		7	573		631		580	
Korean/Listening	11	768		11	617		706		636	
Latin	44	642	105	41	696	69	685	83	693	77
Spanish	318	617	112	299	650	83	654	86	655	86
Spanish/Listening	42	585	128	39	621	102	604	77	619	117

SAT Subject Tests Score Distributions

Table 21: 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	117	11	246	17	30	12
700-740	169	15	286	20	39	16
650-690	181	16	225	15	40	16
600-640	169	15	248	17	35	14
550-590	98	9	137	9	42	17
500-540	68	6	83	6	33	13
450-490	81	7	84	6	17	7
400-440	134	12	71	5	4	2
350-390	67	6	58	4	4	2
300-340	19	2	15	1	2	1
250-290	1	0	1	0		
200-240						
Total	1,104		1,454		246	
Mean	593		632		622	
SD	128		118		103	
75th percentile	700		720		700	
50th percentile	620		650		620	
25th percentile	480		560		550	

Table 22: 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	92	9	795	36	73	13	95	19	220	27	127	27
700-740	170	16	324	15	79	14	106	22	122	15	91	19
650-690	185	17	366	16	89	16	108	22	155	19	79	17
600-640	146	14	330	15	108	20	76	15	122	15	76	16
550-590	103	10	205	9	66	12	44	9	83	10	49	10
500-540	89	8	94	4	36	7	25	5	47	6	22	5
450-490	90	8	52	2	30	5	12	2	39	5	6	1
400-440	103	10	43	2	29	5	7	1	29	4	16	3
350-390	84	8	13	1	20	4	6	1	8	1	2	0
300-340	13	1	3	0	16	3	9	2	1	0		
250-290	3	0			2	0	3	1				
200-240												
Total	1,078		2,225		548		491		826		468	
Mean	589		684		612		656		660		672	
SD	127		100		121		104		105		97	
75th percentile	690		770		700		730		750		750	
50th percentile	620		700		630		680		670		690	
25th percentile	480		620		550		600		590		610	

SAT Subject Tests Score Distributions

Table 23: 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	28	64	11	10	4	19	1	7	1	11	1	50
700-740	6	14	7	6	4	19	4	27				
650-690	5	11	12	11	2	10	3	20	4	44		
600-640	2	5	16	15	1	5			1	11		
550-590			20	18	2	10						
500-540	2	5	12	11	6	29	2	13	1	11		
450-490	1	2	17	16			3	20	1	11	1	50
400-440			11	10	2	10	2	13	1	11		
350-390			1	1								
300-340			2	2								
250-290												
200-240												
Total	44		109		21		15		9		2	
Mean	739		578		619		596		602			
SD	84		112									
75th percentile	800		650		700							
50th percentile	780		570		570							
25th percentile	700		480		510							

Table 24: 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	1	50	4	57	9	82	11	25	44	14	4	10
700-740			1	14			6	14	44	14	5	12
650-690	1	50			1	9	4	9	48	15	6	14
600-640			1	14	1	9	6	14	55	17	10	24
550-590							6	14	42	13	4	10
500-540							7	16	42	13	3	7
450-490			1	14			3	7	21	7	3	7
400-440							1	2	10	3	3	7
350-390									10	3	2	5
300-340									1	0	1	2
250-290									1	0	1	2
200-240												
Total	2		7		11		44		318		42	
Mean			709		768		642		617		585	
SD							105		112		128	
75th percentile							730		700		660	
50th percentile							640		630		600	
25th percentile							540		530		490	

College Plans

Table 25: 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	650	1	478	486	448
Architecture and Related Services	523	1	505	535	478
Area, Ethnic, Cultural and Gender Studies	51	0	529	504	501
Biological and Biomedical Sciences	3,676	8	536	538	508
Business Management, Marketing, and Related Support Services	5,206	11	499	514	476
Communication, Journalism and Related Programs	1,155	2	519	497	499
Computer and Information Sciences and Support Services	1,588	3	531	547	491
Construction Trades	21	0	431	455	399
Education	1,870	4	491	486	468
Engineering	4,467	10	535	573	499
Engineering Technologies/Technicians	630	1	480	513	447
English Language and Literature/Letters	461	1	586	524	561
Family and Consumer Sciences/Human Sciences	146	0	467	460	446
Foreign Languages, Literatures, and Linguistics	239	1	566	537	540
Health Professions and Related Clinical Services	11,321	24	487	495	466
History	394	1	543	513	502
Legal Professions and Studies	1,020	2	521	509	492
Liberal Arts and Sciences, General Studies, and Humanities	225	0	551	529	529
Library Science And Administration	10	0	587	530	504
Mathematics and Statistics	356	1	558	610	537
Mechanic and Repair Technologies/Technician	93	0	440	456	396
Military Technologies And Applied Sciences	200	0	492	505	450
Multi/Interdisciplinary Studies	305	1	576	570	545
Natural Resources and Conservation	269	1	531	522	490
Parks, Recreation, Leisure and Fitness Studies	577	1	434	457	409
Personal and Culinary Services	118	0	470	464	434
Philosophy and Religious Studies	115	0	547	521	512
Physical Sciences	671	1	556	575	523
Precision Production	2	0			
Psychology	2,184	5	504	488	478
Public Administration and Social Services Professions	226	0	467	450	438
Security and Protective Services	1,244	3	460	464	431
Social Sciences	832	2	564	542	533
Theology and Religious Vocations	73	0	538	534	513
Transportation and Materials Moving	26	0	452	480	423
Visual and Performing Arts	3,232	7	511	498	485
Other	606	1	470	473	446
Undecided	2,009	4	549	553	524
Degree-Level Goal					
Certificate Program	155	0	432	449	410
Associate Degree	428	1	417	418	386
Bachelor's Degree	15,682	32	481	487	453
Master's Degree	15,875	33	512	518	486
Doctoral or Related Degree	12,004	25	532	536	506
Other	177	0	425	430	391
Undecided	4,399	9	518	519	491

College Plans

Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 55,046 students from your state who took the SAT and/or an SAT Subject Test, 43,221 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 1,842 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
North Carolina State University	NC	Public	14,965	34.6
University of North Carolina at Charlotte	NC	Public	13,332	30.8
East Carolina University	NC	Public	12,756	29.5
University of North Carolina at Chapel Hill	NC	Public	11,895	27.5
Appalachian State University	NC	Public	10,102	23.4
University of North Carolina at Wilmington	NC	Public	9,224	21.3
University of North Carolina at Greensboro	NC	Public	7,853	18.2
Western Carolina University	NC	Public	6,260	14.5
Duke University Talent Identification Program	NC	Scholarship	4,147	9.6
North Carolina A&T State University	NC	Public	4,090	9.5
North Carolina Central University	NC	Public	3,974	9.2
Wingate University	NC	Private	3,466	8.0
Duke University	NC	Private	3,104	7.2
University of South Carolina: Columbia	SC	Public	3,055	7.1
University of North Carolina at Pembroke	NC	Public	3,020	7.0
Winston-Salem State University	NC	Public	2,919	6.8
Campbell University	NC	Private	2,677	6.2
University of North Carolina at Asheville	NC	Public	2,553	5.9
Clemson University	SC	Public	2,521	5.8
Wake Forest University	NC	Private	2,146	5.0
NCAA Eligibility Center	IN	Public	2,039	4.7
Fayetteville State University	NC	Public	2,000	4.6
Elon University	NC	Private	1,764	4.1
Lenoir-Rhyne University	NC	Private	1,744	4.0
High Point University	NC	Private	1,726	4.0
North Carolina School of Science and Mathematics	NC	Scholarship	1,269	2.9
Meredith College	NC	Private	1,149	2.7
Gardner-Webb University	NC	Private	1,119	2.6
Virginia Tech	VA	Public	1,091	2.5
Liberty University	VA	Private	1,035	2.4
Davidson College	NC	Private	1,034	2.4
Georgia Institute of Technology	GA	Public	1,013	2.3
University of Virginia	VA	Public	967	2.2
University of Alabama	AL	Public	966	2.2
University of Georgia	GA	Public	926	2.1
Coastal Carolina University	SC	Public	865	2.0
Methodist University	NC	Private	787	1.8
Catawba College	NC	Private	784	1.8
Vanderbilt University	TN	Private	746	1.7
College of Charleston	SC	Public	746	1.7
Mars Hill University	NC	Private	744	1.7
Elizabeth City State University	NC	Public	729	1.7
Harvard College	MA	Private	728	1.7
Queens University of Charlotte	NC	Private	723	1.7
University of Tennessee: Knoxville	TN	Public	722	1.7

*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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