

SAT[®]

2016 College-Bound Seniors

State Profile Report



NEW JERSEY

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	84,954	495	117	514	123	492	119	48.8	12.0	7.3	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	40,541	497	119	529	127	486	121	48.4	12.0	7.1	1.7
Female	44,413	494	115	501	118	498	118	49.1	12.0	7.5	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)	54,391	478	109	495	116	473	111	46.9	11.2	7.2	1.6
Junior (2014-2015)	30,378	526	123	547	128	525	127	52.0	12.7	7.6	1.6
Sophomore (2013-2014)	173	600	129	635	120	602	134	59.9	13.4	8.1	1.7
Freshman (2012-2013)	12	443		453		436		43.9		6.3	
Total	84,954	495	117	514	123	492	119	48.8	12.0	7.3	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	580	600	570	570	590	560
50th	490	510	480	490	500	480
25th	420	430	410	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	2,148	2,161	4,309	4,036	2,536	6,572	2,092	2,526	4,618
600-690	6,375	6,361	12,736	8,629	7,159	15,788	5,578	6,684	12,262
500-590	11,451	12,687	24,138	11,479	12,780	24,259	10,419	12,439	22,858
400-490	12,760	14,645	27,405	10,353	13,689	24,042	13,018	14,164	27,182
300-390	5,975	6,789	12,764	4,609	6,596	11,205	7,540	7,074	14,614
200-290	1,832	1,770	3,602	1,435	1,653	3,088	1,894	1,526	3,420

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	74,319	88	47	53	490	511	487
Religiously Affiliated	8,072	10	52	48	522	529	522
Independent	1,994	2	46	54	584	593	579
Other or Unknown	569		49	51	502	508	493

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	219	0	465	124	490	126	466	121
Asian or Asian American	9,093	11	561	127	614	124	573	132
Black or African American	10,733	13	424	103	428	104	416	99
Native Hawaiian or Pacific Islander	44	0	479	118	492	120	462	108
Hispanic, Latino, or Latin American	16,860	20	438	108	453	109	431	105
White	42,089	50	523	101	541	105	520	103
Two or More Races, non-Hispanic	1,022	1	515	112	519	119	502	113
Other	935	1	510	134	531	138	510	138
No Response	3,959	5	484	128	494	131	476	129
Total	84,954	100	495	117	514	123	492	119

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	119	0	464	125	503	133	461	129
Asian or Asian American	4,562	5	559	128	625	123	565	133
Black or African American	4,912	6	419	104	432	109	405	99
Native Hawaiian or Pacific Islander	17	0	520		549		484	
Hispanic, Latino, or Latin American	7,716	9	440	110	466	114	426	105
White	20,490	24	524	103	556	108	512	104
Two or More Races, non-Hispanic	458	1	519	111	531	120	497	114
Other	445	1	508	136	545	142	498	142
No Response	1,822	2	480	128	506	137	465	130
Total	40,541	48	497	119	529	127	486	121

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	100	0	467	122	475	116	471	111
Asian or Asian American	4,531	5	562	127	604	124	580	130
Black or African American	5,821	7	427	102	425	100	424	99
Native Hawaiian or Pacific Islander	27	0	453	115	456	118	448	120
Hispanic, Latino, or Latin American	9,144	11	437	106	442	103	436	104
White	21,599	25	522	99	527	100	527	100
Two or More Races, non-Hispanic	564	1	511	112	509	117	506	113
Other	490	1	512	132	518	132	521	134
No Response	2,137	3	487	127	484	125	486	128
Total	44,413	52	494	115	501	118	498	118

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	84,954	100	495	117	514	123	492	119
First Language Learned								
English	58,671	70	505	109	519	115	499	111
English and Another	16,909	20	484	127	509	136	486	131
Another Language	8,092	10	456	135	500	146	461	141
No Response	1,282		464	141	466	139	452	137
Citizenship								
U.S. Citizen / U.S. National	78,510	94	500	114	517	120	497	116
U.S. Permanent Resident or Refugee	3,405	4	439	137	481	147	444	142
Citizen of Another Country	1,320	2	457	128	538	148	471	136
Other, Unknown, or No Response	1,719		408	137	430	139	402	133
Plans to Apply for Financial Aid								
Yes	55,633	77	493	109	510	116	489	111
No	4,292	6	545	114	570	118	549	118
Don't Know	12,767	18	518	120	542	126	516	125
No Response	12,262		464	136	485	143	461	139
Family Income								
Less than \$20,000	5,211	10	419	102	437	106	414	99
About \$20,000 to \$40,000	6,582	13	453	101	472	108	448	102
About \$40,001 to \$60,000	5,525	11	477	100	493	107	470	102
About \$60,001 to \$80,000	5,341	11	493	100	509	105	486	100
About \$80,001 to \$100,000	6,094	12	508	98	525	104	502	101
About \$100,001 to \$140,000	8,589	17	518	101	538	107	514	102
About \$140,001 to \$200,000	6,487	13	533	101	553	107	532	105
More than \$200,000	6,143	12	569	101	595	105	573	105
No Response	34,982		490	127	509	133	488	129
Highest Level of Parental Education								
No High School Diploma	4,054	5	405	102	430	109	404	99
High School Diploma	23,133	30	454	100	471	106	448	99
Associate Degree	5,601	7	474	95	487	99	466	94
Bachelor's Degree	25,357	33	520	102	542	111	518	106
Graduate Degree	19,109	25	562	112	581	118	563	115
No Response	7,700		434	131	451	135	429	130
Took the PSAT/NMSQT®								
Yes, As a Junior	18,700	26	493	111	514	117	491	112
Yes, As a Sophomore or Younger	14,057	20	509	110	531	117	507	112
Yes, As a Junior and As a Sophomore or Younger	31,523	44	532	107	554	111	533	110
No	6,732	9	452	114	469	121	445	114
No Response	13,942		421	112	431	115	409	108

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	8,433	29	44	56	586	618	588
Second Tenth	7,594	26	46	54	512	540	512
Second Fifth	5,615	20	50	50	482	504	476
Final Three Fifths	7,023	25	51	49	429	443	423
No Response	56,289		48	52	489	505	485

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)	4,023	5	41	59	598	626	603
A (93–96)	14,960	19	39	61	567	594	571
A- (90–92)	16,753	21	43	57	533	558	535
B (80–89)	36,565	46	51	49	462	478	456
C (70–79)	6,983	9	61	39	396	404	385
D, E, or F (below 70)	248	0	62	38	363	380	356
No Response	5,422		50	50	464	470	451
Mean Grade Point Average	All Students: 3.36		Male: 3.27		Female: 3.44		

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	2.0	2.3	2.1	3.73	3.86	3.81
English and Language Arts	3.8	3.8	3.8	3.27	3.50	3.39
Foreign and Classical Languages	2.9	3.1	3.0	3.31	3.56	3.44
Mathematics	3.7	3.7	3.7	3.20	3.26	3.23
Natural Sciences	3.5	3.6	3.6	3.28	3.36	3.32
Social Sciences and History	3.5	3.5	3.5	3.43	3.49	3.46
Total for All Subjects	19.4	20.0	19.7			

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	6,588	10	43	57	524	542	526
4 Years	48,836	73	47	53	517	535	514
3 Years	6,590	10	47	53	453	470	449
2 Years	1,154	2	45	55	464	491	463
1 Year	747	1	42	58	454	478	454
1/2 Year or Less	2,652	4	51	49	415	437	410
No Response	18,387		52	48	458	478	454
AP [®] /Honors Courses	26,514	40	38	62	569	582	568
Course Work or Experience							
English/Language Arts	66,769	97	46	54	500	518	497
Journalism	5,927	9	38	62	498	503	499
Creative Writing	12,781	19	38	62	505	509	502
American Literature	30,659	45	45	55	522	537	519
Composition/Writing	21,364	31	44	56	516	530	516
British Literature	17,931	26	45	55	520	535	518
World Literature	16,845	25	47	53	515	531	512
Communications	3,576	5	45	55	500	513	499
Public Speaking	10,024	15	45	55	512	525	510
English As Second Language	3,030	4	43	57	420	471	427

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	9,939	14	48	52	535	569	535
4 Years	43,699	62	47	53	518	537	516
3 Years	11,152	16	45	55	453	456	444
2 Years	1,210	2	52	48	449	476	447
1 Year	762	1	49	51	446	482	449
1/2 Year or Less	3,523	5	48	52	412	426	408
No Response	14,669		51	49	459	479	456
AP/Honors Courses	26,649	38	47	53	564	603	565
Highest Level of Mathematics Achieved*							
Calculus	23,988	34	50	50	574	617	576
Pre-calculus	21,133	30	45	55	494	510	490
Geometry	24,665	35	45	55	438	437	431
Algebra II	775	1	50	50	407	410	399
Algebra I	279	0	44	56	414	402	405

*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	6,932	11	45	55	542	569	542	
4 Years	35,134	54	47	53	528	549	525	
3 Years	17,800	27	44	56	469	479	464	
2 Years	1,776	3	51	49	463	483	460	
1 Year	997	2	49	51	473	502	470	
1/2 Year or Less	2,930	4	49	51	420	439	418	
No Response	19,385		52	48	459	479	455	
AP/Honors Courses	24,093	37	45	55	573	602	573	
Course Work or Experience								
Biology	68,676	98	46	54	501	519	497	
Chemistry	66,137	95	46	54	505	524	502	
Physics	43,209	62	50	50	527	555	526	
Geology, Earth, or Space Science	30,874	44	47	53	475	488	470	
Other Sciences	25,425	36	41	59	499	513	496	

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	5,554	9	44	56	534	550	533	
4 Years	30,674	47	48	52	532	548	529	
3 Years	23,333	36	44	56	482	504	478	
2 Years	2,176	3	48	52	462	484	458	
1 Year	858	1	47	53	463	489	462	
1/2 Year or Less	2,549	4	49	51	413	436	411	
No Response	19,810		52	48	459	479	455	
AP/Honors Courses	24,663	38	44	56	572	589	571	
Course Work or Experience								
U.S. History	67,705	98	47	53	500	519	497	
World History or Cultures	59,097	86	46	54	505	523	501	
U.S. Government or Civics	14,156	20	50	50	519	533	517	
Economics	14,261	21	52	48	524	548	522	
Geography	5,003	7	48	52	485	503	484	
Psychology	19,992	29	33	67	520	530	519	
European History	9,688	14	49	51	545	557	541	
Sociology	10,714	16	35	65	491	500	488	
Ancient History	4,425	6	54	46	517	531	512	
Other Courses	10,360	15	45	55	500	510	494	

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	5,965	9	40	60	537	556	540
4 Years	18,268	28	43	57	554	575	557
3 Years	19,223	29	46	54	511	530	508
2 Years	17,416	27	51	49	463	478	453
1 Year	1,705	3	48	52	424	441	413
1/2 Year or Less	2,839	4	50	50	415	438	412
No Response	19,538		52	48	459	479	455
AP/Honors Courses	18,071	28	39	61	573	595	577
Course Work or Experience							
Chinese	1,914	3	51	49	543	578	542
French	12,190	18	38	62	511	523	507
German	2,216	3	57	43	528	542	515
Greek	93	0	47	53	465	473	474
Hebrew	331	0	37	63	550	547	542
Italian	7,019	10	46	54	492	508	489
Japanese	392	1	50	50	509	523	493
Korean	124	0	42	58	444	499	465
Latin	4,030	6	55	45	563	578	555
Russian	253	0	44	56	482	497	479
Spanish	45,798	66	48	52	490	509	488
Other Languages	1,519	2	42	58	453	483	455

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		2,517	7	36	64	520	531	517
4 Years		6,324	18	37	63	522	529	516
3 Years		4,124	12	37	63	491	502	485
2 Years		7,122	20	45	55	487	502	481
1 Year		9,587	28	49	51	490	511	484
1/2 Year or Less		5,069	15	51	49	466	482	461
No Response		50,211		50	50	496	518	495
AP/Honors Courses		3,708	11	35	65	549	562	548
Course Work or Experience								
Acting or Play Production		9,633	15	32	68	531	529	526
Art History or Appreciation		10,979	17	40	60	502	515	500
Dance		7,687	12	13	87	487	498	494
Drama: Study or Appreciation		7,819	12	30	70	508	508	505
Music: Study or Appreciation		9,426	15	49	51	524	531	518
Music Performance		22,623	35	42	58	526	541	524
Photography or Film		15,968	25	40	60	505	518	503
Studio Art and Design		16,696	26	39	61	515	530	512
None		12,690	20	57	43	467	493	463

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
13,097	32,748	11,927	637	672	647

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	1,930	15
2	5,127	39
3	4,193	32
4 or More	1,847	14

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			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	3,070	614	112	2,720	643	105	634	106	646	108	
History and Social Studies											
U.S. History	4,459	650	99	4,011	656	87	665	91	660	92	
World History	566	616	105	503	667	81	666	86	668	85	
Mathematics											
Mathematics Level 1	4,022	625	102	3,608	605	98	644	95	616	101	
Mathematics Level 2	7,786	703	88	7,157	656	88	708	71	670	87	
Science											
Biology-E	2,051	643	94	1,888	646	90	675	89	656	94	
Biology-M	2,610	670	88	2,412	658	87	692	78	670	85	
Chemistry	4,346	677	93	4,021	659	88	710	72	673	86	
Physics	2,248	669	88	2,079	663	86	718	67	668	86	
Foreign and Classical Languages											
Chinese/Listening	135	757	67	132	658	101	723	67	673	97	
French	304	614	108	276	655	82	660	88	664	91	
French/Listening	51	635	116	47	636	104	655	96	640	94	
German	22	565		19	652		670		654		
German/Listening	9	609		8	683		693		714		
Modern Hebrew	32	586	146	25	635	92	648	80	640	79	
Italian	52	620	126	45	610	92	630	76	629	83	
Japanese/Listening	53	729	80	50	563	116	642	79	592	108	
Korean/Listening	31	761	79	29	601	112	701	88	657	89	
Latin	106	611	97	98	682	73	690	75	680	78	
Spanish	717	626	105	645	635	95	649	93	653	96	
Spanish/Listening	78	651	110	74	617	89	629	89	624	92	

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	289	9	768	17	75	13
700-740	499	16	917	21	77	14
650-690	609	20	880	20	85	15
600-640	513	17	721	16	88	16
550-590	448	15	494	11	76	13
500-540	244	8	316	7	85	15
450-490	154	5	187	4	60	11
400-440	143	5	84	2	13	2
350-390	110	4	71	2	3	1
300-340	49	2	19	0	2	0
250-290	12	0	2	0	2	0
200-240						
Total	3,070		4,459		566	
Mean	614		650		616	
SD	112		99		105	
75th percentile	700		730		700	
50th percentile	630		670		610	
25th percentile	550		590		530	

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	300	7	3,244	42	277	14	566	22	1,207	28	507	23
700-740	871	22	1,274	16	391	19	581	22	933	21	453	20
650-690	813	20	1,231	16	400	20	503	19	762	18	432	19
600-640	698	17	1,049	13	387	19	479	18	607	14	390	17
550-590	565	14	651	8	318	16	261	10	419	10	243	11
500-540	294	7	197	3	156	8	130	5	224	5	143	6
450-490	189	5	67	1	55	3	45	2	124	3	66	3
400-440	132	3	43	1	29	1	30	1	53	1	13	1
350-390	126	3	22	0	16	1	8	0	15	0	1	0
300-340	30	1	8	0	19	1	7	0	2	0		
250-290	4	0			3	0						
200-240												
Total	4,022		7,786		2,051		2,610		4,346		2,248	
Mean	625		703		643		670		677		669	
SD	102		88		94		88		93		88	
75th percentile	700		780		720		740		750		740	
50th percentile	640		720		650		680		690		670	
25th percentile	570		640		590		610		620		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	102	76	44	14	15	29	5	23	3	33	8	25
700-740	17	13	31	10	1	2	1	5	1	11		
650-690	8	6	39	13	7	14					3	9
600-640	2	1	48	16	4	8	1	5	1	11	4	13
550-590	2	1	49	16	10	20	3	14	1	11	3	9
500-540	2	1	50	16	10	20	5	23			3	9
450-490	2	1	25	8	2	4	2	9	1	11	6	19
400-440			13	4	2	4	3	14	1	11	2	6
350-390			5	2			2	9	1	11	1	3
300-340											2	6
250-290												
200-240												
Total	135		304		51		22		9		32	
Mean	757		614		635		565		609		586	
SD	67		108		116						146	
75th percentile	800		690		750		620				670	
50th percentile	790		610		610		520				570	
25th percentile	740		530		540		440				460	

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	11	21	29	55	24	77	10	9	110	15	21	27
700-740	7	13	11	21	4	13	10	9	93	13	9	12
650-690	5	10	6	11	2	6	17	16	112	16	15	19
600-640	10	19	4	8			25	24	141	20	9	12
550-590	7	13	1	2			17	16	103	14	9	12
500-540	1	2					14	13	68	9	6	8
450-490	7	13	1	2			8	8	51	7	6	8
400-440	1	2	1	2			4	4	27	4	2	3
350-390	1	2			1	3	1	1	12	2	1	1
300-340	1	2										
250-290	1	2										
200-240												
Total	52		53		31		106		717		78	
Mean	620		729		761		611		626		651	
SD	126		80		79		97		105		110	
75th percentile	720		790		800		670		700		750	
50th percentile	640		750		780		620		630		670	
25th percentile	560		680		730		530		560		560	

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	337	0	477	489	468
Architecture and Related Services	881	1	488	530	483
Area, Ethnic, Cultural and Gender Studies	67	0	553	512	539
Biological and Biomedical Sciences	4,767	7	540	560	540
Business Management, Marketing, and Related Support Services	10,406	15	500	533	502
Communication, Journalism and Related Programs	2,100	3	513	503	517
Computer and Information Sciences and Support Services	2,877	4	531	565	514
Construction Trades	41	0	408	455	400
Education	3,365	5	475	486	478
Engineering	6,593	9	531	585	523
Engineering Technologies/Technicians	946	1	473	515	466
English Language and Literature/Letters	819	1	558	521	551
Family and Consumer Sciences/Human Sciences	207	0	452	465	452
Foreign Languages, Literatures, and Linguistics	254	0	540	530	539
Health Professions and Related Clinical Services	11,578	16	489	509	493
History	641	1	532	510	507
Legal Professions and Studies	1,484	2	517	518	512
Liberal Arts and Sciences, General Studies, and Humanities	533	1	536	527	537
Library Science And Administration	7	0	603	476	544
Mathematics and Statistics	732	1	540	612	540
Mechanic and Repair Technologies/Technician	129	0	401	432	386
Military Technologies And Applied Sciences	278	0	462	484	449
Multi/Interdisciplinary Studies	526	1	594	607	596
Natural Resources and Conservation	266	0	519	528	508
Parks, Recreation, Leisure and Fitness Studies	524	1	441	469	438
Personal and Culinary Services	298	0	442	447	424
Philosophy and Religious Studies	85	0	530	515	511
Physical Sciences	1,026	1	554	584	541
Precision Production	1	0			
Psychology	3,435	5	494	488	490
Public Administration and Social Services Professions	257	0	465	460	465
Security and Protective Services	3,037	4	440	454	432
Social Sciences	1,215	2	558	544	548
Theology and Religious Vocations	35	0	513	515	509
Transportation and Materials Moving	21	0	435	453	405
Visual and Performing Arts	4,985	7	496	491	489
Other	1,131	2	439	454	434
Undecided	5,744	8	529	551	529
Degree-Level Goal					
Certificate Program	480	1	416	427	408
Associate Degree	669	1	397	402	384
Bachelor's Degree	20,008	27	476	492	470
Master's Degree	25,552	35	507	528	505
Doctoral or Related Degree	15,060	21	536	555	536
Other	464	1	389	407	385
Undecided	10,848	15	505	523	501

College Plans

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

Of the 86,124 students from your state who took the SAT and/or an SAT Subject Test, 61,459 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 2,138 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Rutgers University: New Brunswick/Piscataway	NJ	Public	24,241	39.4
Rowan University	NJ	Public	9,908	16.1
The College of New Jersey	NJ	Public	8,823	14.4
William Paterson University of New Jersey	NJ	Public	8,454	13.8
Montclair State University	NJ	Public	7,621	12.4
Seton Hall University	NJ	Private	6,861	11.2
Penn State University Park	PA	Public	6,317	10.3
Kean University	NJ	Public	5,838	9.5
University of Delaware	DE	Public	5,767	9.4
Monmouth University	NJ	Private	5,669	9.2
Ramapo College of New Jersey	NJ	Public	5,107	8.3
New Jersey Institute of Technology	NJ	Public	4,906	8.0
Stockton University	NJ	Public	4,738	7.7
Rider University	NJ	Private	4,659	7.6
New York University	NY	Private	4,474	7.3
Drexel University	PA	Private	4,457	7.3
Fordham University	NY	Private	3,875	6.3
Boston University	MA	Private	3,836	6.2
Northeastern University	MA	Private	3,735	6.1
University of Maryland: College Park	MD	Public	3,691	6.0
Temple University	PA	Private	3,566	5.8
University of Pennsylvania	PA	Private	3,551	5.8
Stevens Institute of Technology	NJ	Private	3,417	5.6
Cornell University	NY	Private	3,334	5.4
Princeton University	NJ	Private	3,131	5.1
Quinnipiac University	CT	Private	2,904	4.7
Villanova University	PA	Private	2,893	4.7
NCAA Eligibility Center	IN	Public	2,712	4.4
Lehigh University	PA	Private	2,540	4.1
Fairleigh Dickinson U: Metropolitan Campus	NJ	Private	2,508	4.1
Fairleigh Dickinson University: College at Florham	NJ	Private	2,476	4.0
Syracuse University	NY	Private	2,461	4.0
University of Connecticut	CT	Public	2,458	4.0
Columbia University	NY	Private	2,433	4.0
University of Michigan	MI	Public	2,339	3.8
Boston College	MA	Private	2,159	3.5
Johns Hopkins University	MD	Private	2,145	3.5
University of Pittsburgh	PA	Private	2,133	3.5
University of Massachusetts Amherst	MA	Public	2,118	3.4
University of Rhode Island	RI	Public	2,088	3.4
New Jersey City University	NJ	Public	2,079	3.4
University of Scranton	PA	Private	1,957	3.2
Carnegie Mellon University	PA	Private	1,905	3.1
Center for Talented Youth, Johns Hopkins Univ	MD	Private	1,786	2.9
Saint Peter's University	NJ	Private	1,759	2.9

*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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Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501
San Juan, PR 00918-1017
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San Juan, PR 00936-8001
787-772-1200
787-759-8629 (Fax - Reception area)
787-764-4306 (Fax - Director's office)

The College Board International

250 Vesey Street
New York, NY 10281
212-373-8738
646-417-7350 (Fax)

Washington Office

1919 M Street NW, Suite 300
Washington, DC 20036-2375
202-741-4700
202-741-4743 (Fax)

Florida Office

1545 Raymond Diehl Road, Suite 250
Tallahassee, FL 32308-1500
850-521-4900
850-521-4921 (Fax)