

SAT[®]

2016 College-Bound Seniors

State Profile Report



PUERTO RICO

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.

© 2016 The College Board. College Board, Advanced Placement Program, AP, SAT and the acorn logo are registered trademarks of the College Board. SAT Subject Tests is a trademark owned by the College Board. PSAT/NMSQT is a registered trademark of the College Board and National Merit Scholarship Corporation. Visit the College Board on the Web: www.collegeboard.org.

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.

Table of Contents

SAT®

SAT Data	Page 1
----------	--------

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity	Page 3
---	--------

Table 8: Total Mean Scores by Ethnicity
Table 9: Male Mean Scores by Ethnicity
Table 10: Female Mean Scores by Ethnicity

SAT: Student Background Information and Characteristics	Page 4
---	--------

Table 11: Student Background Information and Characteristics
--

Academic Information

Academic Record	Page 5
-----------------	--------

Table 12: High School Rank
Table 13: High School Grade Point Average
Table 14: Average Years of Study in Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

Table 15: English, Mathematics
Table 16: Natural Sciences, Social Sciences and History
Table 17: Foreign and Classical Languages
Table 18: Arts and Music

SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

Table 19: Number of Test-Takers and Tests for SAT Subject Tests
Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

Table 21: English, History and Social Studies
Table 22: Mathematics, Science
Table 23: Foreign and Classical Languages
Table 24: Foreign and Classical Languages (continued)

College Plans

Intended College Major, Degree-Level Goal	Page 13
---	---------

Table 25: Intended College Major, Degree-Level Goal

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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

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	2,715	466	107	455	110	456	112	45.9	11.5	6.6	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	1,355	456	118	456	119	441	121	44.6	12.3	6.3	1.8
Female	1,360	476	94	453	99	471	100	47.1	10.4	6.9	1.4

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)	2,015	463	105	448	104	451	109	45.4	11.2	6.6	1.7
Junior (2014-2015)	698	475	112	473	122	469	118	47.3	12.0	6.7	1.6
Sophomore (2013-2014)	2										
Freshman (2012-2013)	0										
Total	2,715	466	107	455	110	456	112	45.9	11.5	6.6	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	540	520	530	570	590	560
50th	470	440	450	490	500	480
25th	400	380	380	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	30	14	44	40	24	64	33	18	51
600-690	128	133	261	143	96	239	99	141	240
500-590	354	410	764	285	293	578	305	382	687
400-490	433	553	986	445	531	976	442	513	955
300-390	288	212	500	326	370	696	310	266	576
200-290	122	38	160	116	46	162	166	40	206

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public		0					
Religiously Affiliated	1,066	52	47	53	482	471	478
Independent	997	48	52	48	466	457	458
Other or Unknown	652		50	50	441	424	415

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	1	0						
Asian or Asian American	5	0	504		612		528	
Black or African American	15	1	442		427		455	
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	2,618	96	467	107	455	109	456	112
White	44	2	483	101	457	102	458	103
Two or More Races, non-Hispanic	5	0	478		404		424	
Other	1	0						
No Response	26	1	415	128	397	118	418	116
Total	2,715	100	466	107	455	110	456	112

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	1	0						
Asian or Asian American	2	0						
Black or African American	9	0	434		423		456	
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	1,311	48	457	118	457	120	441	121
White	18	1	491		475		457	
Two or More Races, non-Hispanic	2	0						
Other	1	0						
No Response	11	0	401		423		407	
Total	1,355	50	456	118	456	119	441	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	0	0						
Asian or Asian American	3	0						
Black or African American	6	0	453		432		455	
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	1,307	48	477	93	454	98	471	100
White	26	1	477	108	444	96	458	103
Two or More Races, non-Hispanic	3	0						
Other	0	0						
No Response	15	1	426		379		426	
Total	1,360	50	476	94	453	99	471	100

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	2,715	100	466	107	455	110	456	112
First Language Learned								
English	75	3	468	99	457	103	443	99
English and Another	1,294	48	476	102	458	109	468	106
Another Language	1,333	49	457	111	452	110	445	116
No Response	13		397		395		372	
Citizenship								
U.S. Citizen / U.S. National	2,627	98	467	107	455	109	457	111
U.S. Permanent Resident or Refugee	29	1	502	108	503	117	504	121
Citizen of Another Country	28	1	449	107	455	121	436	113
Other, Unknown, or No Response	31		370	107	367	92	356	93
Plans to Apply for Financial Aid								
Yes	2,190	88	469	105	456	108	458	110
No	54	2	510	127	493	122	493	137
Don't Know	247	10	453	115	447	114	443	117
No Response	224		443	111	444	111	435	112
Family Income								
Less than \$20,000	334	16	406	96	394	91	388	100
About \$20,000 to \$40,000	490	23	428	102	409	91	408	107
About \$40,001 to \$60,000	327	15	449	99	436	94	436	101
About \$60,001 to \$80,000	266	13	474	99	464	100	463	97
About \$80,001 to \$100,000	237	11	490	98	476	109	477	103
About \$100,001 to \$140,000	209	10	501	95	488	106	496	97
About \$140,001 to \$200,000	122	6	516	108	513	109	514	105
More than \$200,000	141	7	536	97	545	110	540	106
No Response	589		490	105	480	111	486	107
Highest Level of Parental Education								
No High School Diploma	22	1	365		365		347	
High School Diploma	231	9	427	101	412	92	407	102
Associate Degree	160	6	409	97	399	81	386	97
Bachelor's Degree	1,100	42	456	103	444	106	444	106
Graduate Degree	1,121	43	496	105	486	111	491	110
No Response	81		448	94	418	108	432	107
Took the PSAT/NMSQT®								
Yes, As a Junior	367	22	482	99	480	99	484	96
Yes, As a Sophomore or Younger	155	9	506	89	504	106	502	100
Yes, As a Junior and As a Sophomore or Younger	706	42	533	93	535	104	538	95
No	462	27	429	97	410	86	409	95
No Response	1,025		426	99	403	85	403	96

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	579	50	48	52	504	502	497
Second Tenth	328	28	50	50	460	450	450
Second Fifth	120	10	57	43	443	424	424
Final Three Fifths	137	12	57	43	415	401	401
No Response	1,551		49	51	460	445	449

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)	441	17	40	60	507	499	494
A (93–96)	819	31	42	58	478	469	470
A- (90–92)	520	20	50	50	472	458	461
B (80–89)	826	31	61	39	434	423	424
C (70–79)	47	2	64	36	394	368	377
D, E, or F (below 70)		0					
No Response	62		56	44	447	417	434
Mean Grade Point Average	All Students: 3.68		Male: 3.59		Female: 3.77		

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	2.5	2.3	3.87	3.96	3.92
English and Language Arts	3.9	4.2	4.1	3.60	3.79	3.70
Foreign and Classical Languages	3.6	3.8	3.7	3.57	3.80	3.69
Mathematics	3.8	4.1	4.0	3.48	3.56	3.52
Natural Sciences	3.8	4.1	4.0	3.51	3.64	3.58
Social Sciences and History	3.9	4.1	4.0	3.60	3.75	3.68
Total for All Subjects	21.0	22.8	22.1			

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,124	50	45	55	485	470	478
4 Years	700	31	48	52	483	473	474
3 Years	190	9	58	42	421	414	406
2 Years	51	2	63	37	395	407	383
1 Year	46	2	63	37	426	411	407
1/2 Year or Less	123	6	64	36	410	400	396
No Response	481		54	46	441	431	425
AP®/Honors Courses	620	28	44	56	532	519	527
Course Work or Experience							
English/Language Arts	1,785	77	48	52	479	465	469
Journalism	306	13	37	63	450	437	441
Creative Writing	864	37	44	56	466	451	458
American Literature	1,709	73	47	53	480	466	473
Composition/Writing	1,491	64	48	52	466	453	457
British Literature	785	34	42	58	490	472	484
World Literature	845	36	45	55	484	470	476
Communications	286	12	47	53	437	427	421
Public Speaking	544	23	47	53	460	447	449
English As Second Language	1,080	46	46	54	447	432	431

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,101	47	47	53	488	476	480
4 Years	702	30	48	52	482	469	473
3 Years	243	10	53	47	428	418	415
2 Years	68	3	60	40	411	417	399
1 Year	63	3	67	33	428	423	399
1/2 Year or Less	155	7	62	38	407	394	390
No Response	383		51	49	440	428	426
AP/Honors Courses	646	28	49	51	527	533	523
Highest Level of Mathematics Achieved*							
Calculus	839	34	45	55	513	517	509
Pre-calculus	962	39	48	52	462	449	451
Geometry	604	25	54	46	424	392	405
Algebra II	16	1	63	38	424	376	394
Algebra I	15	1	53	47	401	373	375

*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	993	45	47	53	486	473	479	
4 Years	666	30	48	52	481	471	471	
3 Years	297	14	50	50	449	431	433	
2 Years	63	3	65	35	423	422	413	
1 Year	52	2	63	37	423	413	399	
1/2 Year or Less	126	6	63	37	414	396	397	
No Response	518		51	49	442	434	430	
AP/Honors Courses	390	18	47	53	543	550	543	
Course Work or Experience								
Biology	2,350	97	48	52	470	458	460	
Chemistry	2,355	97	48	52	470	458	460	
Physics	1,951	81	49	51	475	466	466	
Geology, Earth, or Space Science	1,046	43	48	52	455	434	440	
Other Sciences	587	24	49	51	476	468	461	

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	987	45	46	54	488	473	480	
4 Years	683	31	50	50	483	473	474	
3 Years	252	12	52	48	443	429	424	
2 Years	75	3	59	41	397	408	389	
1 Year	47	2	64	36	413	394	389	
1/2 Year or Less	127	6	57	43	419	406	404	
No Response	544		52	48	443	434	429	
AP/Honors Courses	288	13	44	56	541	537	538	
Course Work or Experience								
U.S. History	2,270	95	48	52	472	459	462	
World History or Cultures	1,920	80	47	53	481	469	471	
U.S. Government or Civics	745	31	47	53	459	441	445	
Economics	329	14	52	48	474	457	460	
Geography	721	30	48	52	443	429	430	
Psychology	378	16	39	61	489	475	482	
European History	641	27	46	54	483	467	476	
Sociology	453	19	42	58	454	433	441	
Ancient History	566	24	48	52	485	466	473	
Other Courses	1,114	47	47	53	478	470	467	

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	989	46	46	54	489	475	482
4 Years	509	24	48	52	486	477	476
3 Years	192	9	54	46	451	442	439
2 Years	101	5	48	52	465	452	454
1 Year	116	5	49	51	436	422	424
1/2 Year or Less	224	11	60	40	414	395	396
No Response	584		54	46	441	434	429
AP/Honors Courses	368	17	42	58	541	535	537
Course Work or Experience							
Chinese	46	2	52	48	527	508	515
French	640	27	40	60	500	485	495
German	45	2	47	53	451	429	422
Greek	4	0	75	25			
Hebrew	5	0	40	60	450	434	390
Italian	191	8	37	63	481	471	482
Japanese	18	1	50	50	499	408	450
Korean	4	0	75	25			
Latin	9	0	56	44	419	404	351
Russian	4	0	50	50			
Spanish	2,149	92	48	52	473	461	462
Other Languages	160	7	45	55	447	432	430

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	247	18	34	66	478	447	469
4 Years	145	10	36	64	484	437	463
3 Years	168	12	48	52	479	456	453
2 Years	262	19	55	45	477	464	463
1 Year	281	20	55	45	460	449	445
1/2 Year or Less	292	21	53	47	427	419	412
No Response	1,320		52	48	469	465	463
AP/Honors Courses	66	5	30	70	478	474	471
Course Work or Experience							
Acting or Play Production	670	30	37	63	491	464	480
Art History or Appreciation	477	21	41	59	481	458	472
Dance	620	28	28	72	463	451	461
Drama: Study or Appreciation	701	31	38	62	479	456	469
Music: Study or Appreciation	505	23	49	51	483	460	469
Music Performance	978	44	46	54	484	463	471
Photography or Film	403	18	38	62	487	453	474
Studio Art and Design	402	18	35	65	484	460	474
None	375	17	66	34	443	446	431

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
416	1,165	388	581	592	585

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	42	10
2	112	27
3	180	43
4 or More	82	20

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		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
English											
Literature	108	537	104	93	592	96	559	102	579	108	
History and Social Studies											
U.S. History	60	561	126	53	619	107	596	125	615	103	
World History	34	584	101	34	624	73	610	94	621	76	
Mathematics											
Mathematics Level 1	272	568	107	252	580	81	605	99	587	97	
Mathematics Level 2	139	639	99	136	616	82	667	81	626	89	
Science											
Biology-E	48	539	105	39	598	87	593	106	598	86	
Biology-M	71	584	87	71	603	89	622	108	601	95	
Chemistry	66	585	102	59	610	96	632	100	603	104	
Physics	39	583	101	37	613	83	671	100	628	102	
Foreign and Classical Languages											
Chinese/Listening											
French	49	589	93	49	586	59	605	79	616	71	
French/Listening	4			4							
German											
German/Listening	1			1							
Modern Hebrew											
Italian	19	696		19	520		535		543		
Japanese/Listening											
Korean/Listening											
Latin											
Spanish	229	765	65	220	578	87	590	111	587	99	
Spanish/Listening	26	750	63	22	584		610		598		

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			4	7	2	6
700-740	8	7	4	7	5	15
650-690	11	10	10	17	4	12
600-640	14	13	10	17	4	12
550-590	17	16	6	10	5	15
500-540	16	15	6	10	6	18
450-490	17	16	7	12	6	18
400-440	14	13	4	7	2	6
350-390	10	9	7	12		
300-340	1	1	1	2		
250-290			1	2		
200-240						
Total	108		60		34	
Mean	537		561		584	
SD	104		126		101	
75th percentile	620		670		670	
50th percentile	530		580		560	
25th percentile	450		460		470	

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	8	3	28	20	1	2	2	3	5	8	4	10
700-740	32	12	14	10	2	4	4	6	5	8	3	8
650-690	29	11	19	14	5	10	12	17	8	12	3	8
600-640	41	15	28	20	8	17	19	27	10	15	6	15
550-590	51	19	25	18	8	17	10	14	14	21	7	18
500-540	44	16	16	12	9	19	11	15	14	21	11	28
450-490	29	11	6	4	5	10	9	13	3	5	2	5
400-440	20	7	2	1	6	13	3	4	5	8	2	5
350-390	15	6	1	1	2	4	1	1	2	3	1	3
300-340	2	1			2	4						
250-290	1	0										
200-240												
Total	272		139		48		71		66		39	
Mean	568		639		539		584		585		583	
SD	107		99		105		87		102		101	
75th percentile	650		720		610		640		650		630	
50th percentile	570		620		540		600		580		550	
25th percentile	500		560		470		530		520		510	

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			1	2								
700-740			4	8	1	25						
650-690			10	20					1	100		
600-640			10	20								
550-590			7	14	1	25						
500-540			10	20	2	50						
450-490			2	4								
400-440			4	8								
350-390			1	2								
300-340												
250-290												
200-240												
Total			49		4				1			
Mean			589									
SD			93									
75th percentile			660									
50th percentile			590									
25th percentile			530									

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	2	11							188	82	20	77
700-740	9	47							19	8	2	8
650-690	6	32							9	4	1	4
600-640	2	11							4	2	2	8
550-590									5	2	1	4
500-540									1	0		
450-490									1	0		
400-440									1	0		
350-390												
300-340									1	0		
250-290												
200-240												
Total	19								229		26	
Mean	696								765		750	
SD									65		63	
75th percentile									800		800	
50th percentile									790		760	
25th percentile									760		740	

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	8	0	379	356	356
Architecture and Related Services	27	1	457	440	444
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	420	18	474	463	462
Business Management, Marketing, and Related Support Services	237	10	466	473	470
Communication, Journalism and Related Programs	59	3	498	446	485
Computer and Information Sciences and Support Services	46	2	458	448	428
Construction Trades	0	0			
Education	24	1	436	420	428
Engineering	320	14	487	504	472
Engineering Technologies/Technicians	30	1	456	474	446
English Language and Literature/Letters	33	1	535	456	496
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	19	1	515	441	511
Health Professions and Related Clinical Services	383	16	448	442	442
History	9	0	507	457	478
Legal Professions and Studies	53	2	491	459	467
Liberal Arts and Sciences, General Studies, and Humanities	22	1	499	465	520
Library Science And Administration	0	0			
Mathematics and Statistics	14	1	519	578	515
Mechanic and Repair Technologies/Technician	5	0	336	354	344
Military Technologies And Applied Sciences	12	1	419	431	413
Multi/Interdisciplinary Studies	39	2	487	472	483
Natural Resources and Conservation	5	0	434	412	444
Parks, Recreation, Leisure and Fitness Studies	13	1	356	358	354
Personal and Culinary Services	7	0	434	366	363
Philosophy and Religious Studies	4	0			
Physical Sciences	47	2	508	499	477
Precision Production	0	0			
Psychology	97	4	465	423	456
Public Administration and Social Services Professions	2	0			
Security and Protective Services	42	2	466	444	442
Social Sciences	45	2	543	480	521
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	154	7	489	438	479
Other	28	1	457	441	448
Undecided	124	5	511	498	513
Degree-Level Goal					
Certificate Program	8	0	435	415	430
Associate Degree	9	0	350	327	318
Bachelor's Degree	335	13	401	386	385
Master's Degree	622	25	471	463	459
Doctoral or Related Degree	1,310	53	484	472	476
Other	8	0	350	359	321
Undecided	198	8	484	466	474

College Plans

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

Of the 2,743 students from your state who took the SAT and/or an SAT Subject Test, 1,792 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 977 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Boston University	MA	Private	215	12.0
University of Miami	FL	Private	195	10.9
Penn State University Park	PA	Public	193	10.8
University of Central Florida	FL	Public	176	9.8
Syracuse University	NY	Private	169	9.4
University of Florida	FL	Public	168	9.4
New York University	NY	Private	162	9.0
University of Puerto Rico: Mayaguez	PR	Public	158	8.8
Florida International University	FL	Public	150	8.4
University of Puerto Rico: Rio Piedras	PR	Private	148	8.3
University of Tampa	FL	Private	141	7.9
NCAA Eligibility Center	IN	Public	132	7.4
Northeastern University	MA	Private	131	7.3
University of Dayton	OH	Private	122	6.8
Purdue University	IN	Public	116	6.5
University of Pennsylvania	PA	Private	107	6.0
Georgia Institute of Technology	GA	Public	105	5.9
Boston College	MA	Private	105	5.9
Loyola University Maryland	MD	Private	103	5.7
University of Connecticut	CT	Public	103	5.7
Fordham University	NY	Private	98	5.5
Iowa State University	IA	Public	96	5.4
Cornell University	NY	Private	96	5.4
Villanova University	PA	Private	95	5.3
Ohio State University: Columbus Campus	OH	Public	94	5.2
Loyola University New Orleans	LA	Private	93	5.2
Florida State University	FL	Public	92	5.1
American University	DC	Private	92	5.1
University of Michigan	MI	Public	92	5.1
Stanford University	CA	Private	90	5.0
George Washington University	DC	Private	89	5.0
Harvard College	MA	Private	89	5.0
Massachusetts Institute of Technology	MA	Private	89	5.0
Marquette University	WI	Private	84	4.7
University of Notre Dame	IN	Private	82	4.6
Georgetown University	DC	Private	81	4.5
Saint Joseph's University	PA	Private	80	4.5
University of South Florida	FL	Public	79	4.4
University of Chicago	IL	Private	75	4.2
Washington University in St. Louis	MO	Private	75	4.2
University of Massachusetts Amherst	MA	Public	74	4.1
University of Puerto Rico: Rio Piedras	PR	Public	73	4.1
Tulane University	LA	Private	72	4.0
Johns Hopkins University	MD	Private	71	4.0
University of North Carolina at Chapel Hill	NC	Public	71	4.0

*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.

Areas Served by College Board Regional Offices



The College Board National Office

250 Vesey Street
New York, NY 10281
212-713-8000
212-713-8255 (Fax)

Middle States Regional Office

Three Bala Plaza East, Suite 501
Bala Cynwyd, PA 19004-1501
866-392-3019
610-227-2580 (Fax)

Midwestern Regional Office

8700 West Bryn Mawr Avenue, Suite 900N
Chicago, IL 60631-3512
866-392-4086
847-653-4528 (Fax)

New England Regional Office

1601 Trapelo Road, Suite 12
Waltham, MA 02451-7333
866-392-4089
781-663-2743 (Fax)

Southern Regional Office

3700 Crestwood Parkway NW, Suite 700
Duluth, GA 30096-7155
866-392-4088
770-225-4062 (Fax)

Southwestern Regional Office

4330 Gaines Ranch Loop, Suite 200
Austin, TX 78735-6735
866-392-3017
512-721-1841 (Fax)

Western Regional Office

2001 Gateway Place, Suite 220W
San Jose, CA 95110-1051
866-392-4078
408-367-1459 (Fax)

Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501
San Juan, PR 00918-1017
Mailing address:
P.O. Box 71101
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)