

# SAT<sup>®</sup>

2016 College-Bound Seniors

# State Profile Report



RHODE ISLAND

## Included in This Report

---

**SAT<sup>®</sup> Data**

**SAT Subject Tests<sup>™</sup> 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](mailto: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](http://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](http://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](http://www.collegeboard.org).

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2016

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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](http://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<sup>®</sup> 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	7,908	490	111	491	115	480	111	48.0	11.0	7.0	1.7

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	3,604	496	113	510	118	478	113	48.1	11.2	6.8	1.8
Female	4,304	485	110	475	110	482	109	47.9	10.9	7.1	1.6

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)	5,969	485	107	486	111	475	107	47.5	10.6	7.0	1.7
Junior (2014-2015)	1,931	505	122	506	126	495	121	49.6	12.1	7.0	1.7
Sophomore (2013-2014)	8	574		606		561		55.6		7.9	
Freshman (2012-2013)	0										
Total	7,908	490	111	491	115	480	111	48.0	11.0	7.0	1.7

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	560	570	560	570	590	560
50th	490	490	480	490	500	480
25th	420	410	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	150	135	285	218	122	340	115	123	238
600-690	546	544	1,090	641	478	1,119	433	536	969
500-590	1,111	1,253	2,364	1,090	1,159	2,249	1,004	1,228	2,232
400-490	1,121	1,532	2,653	1,058	1,521	2,579	1,199	1,480	2,679
300-390	532	653	1,185	472	821	1,293	695	779	1,474
200-290	144	187	331	125	203	328	158	158	316

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	6,303	80	44	56	478	478	465
Religiously Affiliated	1,321	17	54	46	531	535	531
Independent	239	3	45	55	586	587	583
Other or Unknown	45		47	53	549	525	538

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	35	0	424	118	435	116	424	126
Asian or Asian American	423	5	498	123	555	133	499	128
Black or African American	570	7	417	105	409	99	408	99
Native Hawaiian or Pacific Islander	4	0						
Hispanic, Latino, or Latin American	1,421	18	422	107	420	103	410	101
White	4,906	62	520	97	518	102	510	98
Two or More Races, non-Hispanic	162	2	490	114	477	105	476	102
Other	47	1	478	116	458	127	456	119
No Response	340	4	466	123	466	130	449	127
Total	7,908	100	490	111	491	115	480	111

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	19	0	439		439		413	
Asian or Asian American	195	2	501	122	575	131	497	132
Black or African American	264	3	412	103	418	103	397	96
Native Hawaiian or Pacific Islander	2	0						
Hispanic, Latino, or Latin American	596	8	427	109	434	108	405	100
White	2,264	29	527	98	539	103	508	99
Two or More Races, non-Hispanic	66	1	477	110	486	99	471	103
Other	19	0	483		483		450	
No Response	179	2	471	117	483	137	447	126
Total	3,604	46	496	113	510	118	478	113

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	16	0	406		430		437	
Asian or Asian American	228	3	496	123	539	133	501	125
Black or African American	306	4	421	106	402	96	417	100
Native Hawaiian or Pacific Islander	2	0						
Hispanic, Latino, or Latin American	825	10	419	105	409	97	413	101
White	2,642	33	515	95	501	97	511	96
Two or More Races, non-Hispanic	96	1	499	116	471	109	480	102
Other	28	0	475	99	441	106	460	109
No Response	161	2	461	130	448	120	450	128
Total	4,304	54	485	110	475	110	482	109

## 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	7,908	100	490	111	491	115	480	111
<b>First Language Learned</b>								
English	5,909	76	509	103	506	107	498	103
English and Another	1,216	16	440	114	442	113	430	109
Another Language	664	9	424	119	459	143	424	126
No Response	119		428	126	418	135	412	128
<b>Citizenship</b>								
U.S. Citizen / U.S. National	7,337	96	495	108	494	111	484	107
U.S. Permanent Resident or Refugee	215	3	413	124	418	130	407	132
Citizen of Another Country	129	2	470	138	593	153	490	148
Other, Unknown, or No Response	227		406	119	418	136	396	123
<b>Plans to Apply for Financial Aid</b>								
Yes	5,359	83	500	103	498	106	489	101
No	327	5	542	111	554	117	540	113
Don't Know	775	12	515	111	523	119	509	111
No Response	1,447		429	119	434	125	417	120
<b>Family Income</b>								
Less than \$20,000	450	10	430	102	427	95	420	94
About \$20,000 to \$40,000	579	13	468	95	464	92	453	93
About \$40,001 to \$60,000	494	11	492	97	487	98	473	88
About \$60,001 to \$80,000	577	13	500	96	493	101	489	92
About \$80,001 to \$100,000	635	14	512	95	508	99	501	96
About \$100,001 to \$140,000	847	19	521	96	525	99	511	94
About \$140,001 to \$200,000	481	11	536	99	536	101	528	99
More than \$200,000	397	9	561	97	575	106	567	100
No Response	3,448		474	119	477	124	463	119
<b>Highest Level of Parental Education</b>								
No High School Diploma	472	6	402	99	408	96	388	91
High School Diploma	2,095	29	455	97	455	98	443	92
Associate Degree	615	8	472	90	468	95	457	85
Bachelor's Degree	2,281	31	517	96	519	102	507	96
Graduate Degree	1,800	25	557	101	558	109	551	104
No Response	645		405	113	406	115	395	110
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,620	27	489	105	492	110	478	103
Yes, As a Sophomore or Younger	1,053	18	506	108	508	112	498	107
Yes, As a Junior and As a Sophomore or Younger	2,422	41	539	104	544	108	535	104
No	859	14	462	96	457	96	446	91
No Response	1,954		435	104	430	102	419	98

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	877	28	41	59	588	604	586
Second Tenth	762	25	44	56	525	530	516
Second Fifth	671	22	51	49	498	501	485
Final Three Fifths	785	25	54	46	450	449	438
No Response	4,813		44	56	472	470	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)	189	3	32	68	604	617	603
A (93–96)	1,081	15	37	63	565	574	565
A- (90–92)	1,492	20	39	61	534	540	527
B (80–89)	3,811	52	48	52	468	465	455
C (70–79)	734	10	59	41	411	412	396
D, E, or F (below 70)	24	0	67	33	385	374	376
No Response	577		52	48	451	444	432
<b>Mean Grade Point Average</b>	<b>All Students: 3.27</b>		<b>Male: 3.17</b>		<b>Female: 3.35</b>		

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	2.1	2.5	2.3	3.72	3.86	3.80
English and Language Arts	3.8	3.9	3.8	3.23	3.47	3.36
Foreign and Classical Languages	3.1	3.3	3.2	3.22	3.48	3.37
Mathematics	3.8	3.8	3.8	3.15	3.19	3.18
Natural Sciences	3.7	3.7	3.7	3.24	3.33	3.29
Social Sciences and History	3.5	3.6	3.5	3.38	3.47	3.43
<b>Total for All Subjects</b>	<b>20.0</b>	<b>20.8</b>	<b>20.3</b>			

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

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	649	11	39	61	516	516	510	
4 Years	4,475	75	45	55	518	518	507	
3 Years	490	8	46	54	467	468	457	
2 Years	74	1	46	54	463	469	453	
1 Year	59	1	36	64	459	453	450	
1/2 Year or Less	203	3	51	49	438	430	421	
No Response	1,958		49	51	432	436	422	
AP <sup>®</sup> /Honors Courses	2,560	43	38	62	559	555	550	
<b>Course Work or Experience</b>								
English/Language Arts	5,955	96	45	55	506	504	495	
Journalism	313	5	37	63	505	488	495	
Creative Writing	1,203	19	35	65	510	500	498	
American Literature	3,935	63	44	56	514	512	504	
Composition/Writing	2,154	35	44	56	514	511	508	
British Literature	2,417	39	44	56	512	508	501	
World Literature	2,178	35	47	53	509	508	500	
Communications	233	4	51	49	499	508	487	
Public Speaking	761	12	44	56	506	500	497	
English As Second Language	201	3	42	58	422	463	428	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	979	15	42	58	523	537	519	
4 Years	4,286	67	46	54	516	514	505	
3 Years	650	10	41	59	462	456	450	
2 Years	71	1	46	54	458	477	448	
1 Year	66	1	44	56	455	467	451	
1/2 Year or Less	306	5	47	53	427	419	412	
No Response	1,550		48	52	426	429	414	
AP/Honors Courses	2,385	38	46	54	562	582	556	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	2,071	32	48	52	568	593	563	
Pre-calculus	2,216	34	45	55	500	495	489	
Geometry	2,096	32	42	58	447	428	434	
Algebra II	50	1	32	68	441	415	423	
Algebra I	13	0	31	69	405	392	406	

\*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

<b>Natural Sciences</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	791	13	38	62	528	536	523
4 Years	3,372	57	46	54	523	523	513
3 Years	1,358	23	41	59	479	476	468
2 Years	115	2	50	50	473	474	446
1 Year	65	1	49	51	473	476	466
1/2 Year or Less	213	4	46	54	438	430	422
No Response	1,994		50	50	435	438	423
AP/Honors Courses	2,332	39	43	57	563	572	553
<b>Course Work or Experience</b>							
Biology	6,216	98	44	56	505	505	495
Chemistry	6,168	97	44	56	506	506	496
Physics	4,281	68	47	53	517	521	508
Geology, Earth, or Space Science	2,910	46	45	55	506	502	493
Other Sciences	2,905	46	40	60	500	498	490

  

<b>Social Sciences and History</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	567	10	41	59	520	515	511
4 Years	3,010	51	46	54	526	522	516
3 Years	1,784	30	41	59	492	501	483
2 Years	231	4	42	58	474	482	465
1 Year	72	1	50	50	481	467	462
1/2 Year or Less	187	3	48	52	433	429	419
No Response	2,057		50	50	436	438	424
AP/Honors Courses	2,361	40	42	58	564	563	555
<b>Course Work or Experience</b>							
U.S. History	6,068	97	44	56	506	506	496
World History or Cultures	4,781	76	44	56	509	507	498
U.S. Government or Civics	2,503	40	46	54	508	502	495
Economics	842	13	50	50	533	536	521
Geography	481	8	44	56	494	495	484
Psychology	2,324	37	32	68	512	505	502
European History	1,731	28	50	50	536	533	527
Sociology	1,057	17	35	65	497	486	487
Ancient History	878	14	48	52	524	515	508
Other Courses	1,548	25	41	59	503	498	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	619	10	37	63	533	537	530
4 Years	1,837	31	38	62	546	547	542
3 Years	2,030	34	47	53	507	506	494
2 Years	1,078	18	50	50	459	458	445
1 Year	114	2	42	58	446	431	421
1/2 Year or Less	238	4	52	48	439	439	417
No Response	1,992		50	50	434	437	422
AP/Honors Courses	2,015	34	38	62	557	561	552
<b>Course Work or Experience</b>							
Chinese	73	1	52	48	548	601	543
French	1,029	16	43	57	525	519	511
German	38	1	42	58	563	551	533
Greek	10	0	60	40	575	558	564
Hebrew	4	0	0	100			
Italian	637	10	47	53	502	494	492
Japanese	42	1	52	48	518	513	482
Korean	1	0	0	100			
Latin	209	3	45	55	594	591	586
Russian	4	0	50	50			
Spanish	4,374	70	44	56	499	499	490
Other Languages	317	5	42	58	481	476	462

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

<b>Arts and Music</b> <b>Years of Study</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	330	9	32	68	526	521	517
4 Years	831	22	34	66	528	516	516
3 Years	459	12	38	62	502	500	493
2 Years	738	20	40	60	497	497	488
1 Year	837	22	52	48	503	507	491
1/2 Year or Less	577	15	47	53	488	491	480
No Response	4,136		49	51	475	478	465
AP/Honors Courses	553	15	36	64	550	540	541
<b>Course Work or Experience</b>							
Acting or Play Production	1,034	18	32	68	542	525	534
Art History or Appreciation	934	16	40	60	507	495	495
Dance	687	12	12	88	493	484	493
Drama: Study or Appreciation	897	16	29	71	520	502	511
Music: Study or Appreciation	959	17	51	49	521	513	509
Music Performance	2,383	41	42	58	522	522	514
Photography or Film	1,457	25	37	63	515	509	509
Studio Art and Design	2,000	35	35	65	520	514	510
None	813	14	56	44	482	487	467

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
1,144	2,970	1,077	603	618	602

  

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	114	10
2	433	38
3	451	39
4 or More	146	13

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	
<b>English</b>											
Literature	429	583	114	398	607	114	589	113	603	113	
<b>History and Social Studies</b>											
U.S. History	433	604	112	411	628	100	624	106	628	101	
World History	33	580	134	33	613	117	593	117	609	123	
<b>Mathematics</b>											
Mathematics Level 1	439	574	108	404	571	107	591	105	578	112	
Mathematics Level 2	563	650	97	542	632	90	675	82	636	92	
<b>Science</b>											
Biology-E	157	589	101	147	615	93	609	107	608	96	
Biology-M	249	623	100	237	623	88	647	90	626	92	
Chemistry	301	607	111	283	622	94	659	100	625	104	
Physics	152	627	99	146	618	111	676	105	616	106	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	8	720		8	629		663		603		
French	41	605	134	40	620	107	615	108	626	103	
French/Listening	9	538		9	579		572		601		
German											
German/Listening	1			1							
Modern Hebrew	2			1							
Italian	7	589		7	629		623		591		
Japanese/Listening											
Korean/Listening	1			1							
Latin	23	619		22	675		680		664		
Spanish	98	647	100	94	590	117	586	118	588	125	
Spanish/Listening	24	609		24	559		546		558		

## 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	27	6	45	10	5	15
700-740	49	11	62	14	4	12
650-690	72	17	69	16	3	9
600-640	62	14	62	14	1	3
550-590	71	17	67	15	4	12
500-540	44	10	51	12	7	21
450-490	44	10	31	7	4	12
400-440	33	8	21	5	2	6
350-390	20	5	22	5	2	6
300-340	7	2	3	1	1	3
250-290						
200-240						
Total	429		433		33	
Mean	583		604		580	
SD	114		112		134	
75th percentile	670		690		690	
50th percentile	590		610		540	
25th percentile	500		530		490	

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	15	3	109	19	8	5	36	14	44	15	22	14
700-740	46	10	97	17	15	10	26	10	30	10	16	11
650-690	72	16	90	16	22	14	43	17	39	13	30	20
600-640	65	15	96	17	39	25	49	20	52	17	31	20
550-590	71	16	88	16	25	16	41	16	48	16	23	15
500-540	63	14	51	9	21	13	32	13	34	11	14	9
450-490	43	10	22	4	9	6	11	4	28	9	9	6
400-440	32	7	6	1	12	8	6	2	19	6	5	3
350-390	25	6	3	1	4	3	3	1	7	2	2	1
300-340	7	2	1	0	2	1	2	1				
250-290												
200-240												
Total	439		563		157		249		301		152	
Mean	574		650		589		623		607		627	
SD	108		97		101		100		111		99	
75th percentile	660		720		650		690		690		690	
50th percentile	580		650		600		620		610		630	
25th percentile	500		580		530		550		530		560	

## 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	5	63	8	20								
700-740	1	13	4	10								
650-690			5	12	2	22						
600-640	1	13	6	15								
550-590			3	7	3	33						
500-540			5	12					1	100		
450-490	1	13	5	12	2	22						
400-440			2	5	2	22					2	100
350-390			2	5								
300-340			1	2								
250-290												
200-240												
Total	8		41		9				1		2	
Mean	720		605		538							
SD			134									
75th percentile			700									
50th percentile			630									
25th percentile			470									

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	14			1	100	4	17	19	19	2	8
700-740	1	14					2	9	18	18	7	29
650-690	1	14					4	17	18	18	1	4
600-640							3	13	15	15	1	4
550-590							2	9	10	10	6	25
500-540	2	29					5	22	10	10	3	13
450-490	1	14					2	9	4	4	2	8
400-440	1	14					1	4	3	3	1	4
350-390									1	1	1	4
300-340												
250-290												
200-240												
Total	7				1		23		98		24	
Mean	589						619		647		609	
SD									100			
75th percentile							680		710		710	
50th percentile							620		660		580	
25th percentile							500		590		510	



## 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	41	1	488	486	487
Architecture and Related Services	84	1	493	523	489
Area, Ethnic, Cultural and Gender Studies	9	0	522	473	520
Biological and Biomedical Sciences	447	7	541	531	526
Business Management, Marketing, and Related Support Services	817	13	487	505	486
Communication, Journalism and Related Programs	151	2	520	491	522
Computer and Information Sciences and Support Services	204	3	537	551	508
Construction Trades	7	0	440	447	420
Education	300	5	483	475	474
Engineering	594	9	528	565	506
Engineering Technologies/Technicians	82	1	492	525	469
English Language and Literature/Letters	70	1	584	530	572
Family and Consumer Sciences/Human Sciences	17	0	446	443	441
Foreign Languages, Literatures, and Linguistics	40	1	571	525	560
Health Professions and Related Clinical Services	1,070	17	484	486	482
History	64	1	552	502	521
Legal Professions and Studies	135	2	521	495	513
Liberal Arts and Sciences, General Studies, and Humanities	51	1	519	522	528
Library Science And Administration	0	0			
Mathematics and Statistics	54	1	551	587	525
Mechanic and Repair Technologies/Technician	11	0	408	383	405
Military Technologies And Applied Sciences	25	0	504	480	482
Multi/Interdisciplinary Studies	38	1	533	536	528
Natural Resources and Conservation	36	1	553	511	527
Parks, Recreation, Leisure and Fitness Studies	36	1	441	469	441
Personal and Culinary Services	33	1	432	425	425
Philosophy and Religious Studies	8	0	549	524	536
Physical Sciences	101	2	537	560	529
Precision Production	0	0			
Psychology	345	5	494	469	483
Public Administration and Social Services Professions	18	0	435	432	438
Security and Protective Services	280	4	451	451	440
Social Sciences	121	2	561	539	544
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	5	0	490	518	494
Visual and Performing Arts	408	6	513	496	501
Other	115	2	464	453	446
Undecided	456	7	527	528	522
<b>Degree-Level Goal</b>					
Certificate Program	25	0	448	441	407
Associate Degree	47	1	394	394	393
Bachelor's Degree	1,858	29	475	473	462
Master's Degree	2,247	35	513	516	505
Doctoral or Related Degree	1,311	20	538	533	530
Other	34	1	422	425	409
Undecided	939	15	507	508	496

## College Plans

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

Of the 7,975 students from your state who took the SAT and/or an SAT Subject Test, 6,457 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 1,046 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Rhode Island	RI	Public	4,462	69.1
Rhode Island College	RI	Public	2,621	40.6
Boston University	MA	Private	660	10.2
Northeastern University	MA	Private	658	10.2
University of Connecticut	CT	Public	636	9.8
Roger Williams University	RI	Private	625	9.7
University of Massachusetts Amherst	MA	Public	600	9.3
University of New Hampshire	NH	Public	600	9.3
Quinnipiac University	CT	Private	569	8.8
Bryant University	RI	Private	501	7.8
Brown University	RI	Private	490	7.6
Providence College	RI	Private	469	7.3
Salve Regina University	RI	Private	435	6.7
Boston College	MA	Private	403	6.2
University of Vermont	VT	Public	400	6.2
Johnson & Wales University: Providence	RI	Private	364	5.6
University of Massachusetts Dartmouth	MA	Public	328	5.1
Worcester Polytechnic Institute	MA	Private	285	4.4
Curry College	MA	Private	254	3.9
University of Maine	ME	Public	250	3.9
New York University	NY	Private	219	3.4
MCPHS University	MA	Private	216	3.3
Suffolk University	MA	Private	211	3.3
Community College of Rhode Island	RI	Public	211	3.3
Fordham University	NY	Private	205	3.2
Wentworth Institute of Technology	MA	Private	199	3.1
Tufts University	MA	Private	193	3.0
Syracuse University	NY	Private	185	2.9
University of New Haven	CT	Private	179	2.8
Emmanuel College	MA	Private	176	2.7
Stonehill College	MA	Private	175	2.7
University of Tampa	FL	Private	164	2.5
Bentley University	MA	Private	163	2.5
Harvard College	MA	Private	160	2.5
University of New England	ME	Private	159	2.5
NCAA Eligibility Center	IN	Public	157	2.4
University of Massachusetts Boston	MA	Public	152	2.4
Plymouth State University	NH	Public	151	2.3
Springfield College	MA	Private	150	2.3
Keene State College	NH	Public	149	2.3
Cornell University	NY	Private	142	2.2
University of Hartford	CT	Private	139	2.2
University of Miami	FL	Private	136	2.1
Assumption College	MA	Private	131	2.0
Sacred Heart University	CT	Private	131	2.0

\*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)