

# SAT<sup>®</sup>

2016 College-Bound Seniors

# State Profile Report



KANSAS

## 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	1,272	594	115	604	111	571	116	58.0	11.9	7.4	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	600	599	119	623	110	568	120	58.0	12.2	7.2	1.6
Female	672	589	111	587	108	574	112	58.0	11.5	7.6	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)	509	579	126	593	115	560	125	56.6	12.7	7.5	1.6
Junior (2014-2015)	733	605	105	611	107	580	109	59.0	11.2	7.4	1.5
Sophomore (2013-2014)	24	609		602		575		58.9		7.3	
Freshman (2012-2013)	6	538		583		543		56.0		6.8	
Total	1,272	594	115	604	111	571	116	58.0	11.9	7.4	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,637,589	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	680	690	660	570	590	560
50th	600	610	570	490	500	480
25th	520	520	490	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	136	130	266	166	108	274	87	104	191
600-690	208	203	411	217	205	422	179	185	364
500-590	145	204	349	132	218	350	179	216	395
400-490	75	105	180	65	114	179	98	129	227
300-390	25	26	51	18	24	42	48	33	81
200-290	11	4	15	2	3	5	9	5	14

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	991	81	46	54	605	610	578
Religiously Affiliated	176	14	53	47	548	590	540
Independent	62	5	47	53	556	591	572
Other or Unknown	43		47	53	592	543	548

## 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	9	1	556		544		482	
Asian or Asian American	222	17	586	135	652	102	582	136
Black or African American	62	5	515	123	509	123	494	115
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	100	8	547	106	542	104	520	116
White	795	63	610	103	608	104	583	104
Two or More Races, non-Hispanic	25	2	587	128	573	121	550	130
Other	20	2	613		616		581	
No Response	38	3	571	135	572	126	551	134
Total	1,272	100	594	115	604	111	571	116

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	3	0						
Asian or Asian American	92	7	572	140	660	95	552	136
Black or African American	32	3	504	128	517	142	485	127
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	52	4	551	113	549	114	509	122
White	383	30	622	102	635	98	589	106
Two or More Races, non-Hispanic	9	1	620		641		601	
Other	8	1	600		631		555	
No Response	21	2	557		586		534	
Total	600	47	599	119	623	110	568	120

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	6	0	543		530		465	
Asian or Asian American	130	10	596	131	647	106	603	133
Black or African American	30	2	526	117	501	100	503	99
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	48	4	543	99	534	92	533	108
White	412	32	598	103	584	102	579	102
Two or More Races, non-Hispanic	16	1	568		534		522	
Other	12	1	621		605		598	
No Response	17	1	588		554		573	
Total	672	53	589	111	587	108	574	112

## 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	1,272	100	594	115	604	111	571	116
<b>First Language Learned</b>								
English	949	76	606	101	603	107	578	105
English and Another	175	14	577	134	610	119	567	137
Another Language	129	10	530	145	610	123	531	148
No Response	19		589		556		554	
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,146	91	605	106	605	110	580	110
U.S. Permanent Resident or Refugee	30	2	612	125	612	121	585	142
Citizen of Another Country	77	6	457	131	600	117	466	138
Other, Unknown, or No Response	19		485		554		484	
<b>Plans to Apply for Financial Aid</b>								
Yes	796	72	603	110	603	111	576	113
No	104	9	583	109	605	99	570	102
Don't Know	206	19	592	119	607	117	579	123
No Response	166		559	126	604	109	539	123
<b>Family Income</b>								
Less than \$20,000	28	3	515	122	534	127	483	117
About \$20,000 to \$40,000	82	9	554	115	556	101	533	105
About \$40,001 to \$60,000	103	12	571	110	580	100	542	116
About \$60,001 to \$80,000	109	12	586	126	597	108	560	116
About \$80,001 to \$100,000	119	13	594	105	601	100	566	110
About \$100,001 to \$140,000	190	21	589	112	588	116	563	119
About \$140,001 to \$200,000	123	14	619	97	630	96	592	98
More than \$200,000	137	15	615	106	626	106	604	99
No Response	381		604	118	620	113	585	121
<b>Highest Level of Parental Education</b>								
No High School Diploma	22	2	452		520		445	
High School Diploma	144	12	544	115	554	115	517	108
Associate Degree	56	5	558	116	536	107	512	111
Bachelor's Degree	407	33	590	112	599	104	563	111
Graduate Degree	586	48	622	103	631	103	605	107
No Response	57		553	134	582	117	528	137
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	302	32	608	110	617	105	583	116
Yes, As a Sophomore or Younger	162	17	583	91	589	97	559	91
Yes, As a Junior and As a Sophomore or Younger	370	39	649	85	659	87	636	89
No	123	13	541	104	547	106	505	107
No Response	315		543	130	555	115	516	116

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	523	62	47	53	647	664	629
Second Tenth	170	20	48	52	579	582	549
Second Fifth	89	11	48	52	557	556	531
Final Three Fifths	58	7	66	34	535	536	511
No Response	432		45	55	552	558	527

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)	274	22	43	57	654	662	640
A (93–96)	442	36	45	55	621	636	600
A- (90–92)	234	19	47	53	578	584	547
B (80–89)	245	20	53	47	520	530	493
C (70–79)	31	3	65	35	486	471	456
D, E, or F (below 70)	2	0	100	0			
No Response	44		48	52	520	530	507
<b>Mean Grade Point Average</b>	<b>All Students: 3.78</b>		<b>Male: 3.73</b>		<b>Female: 3.83</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	2.6	3.0	2.8	3.94	3.98	3.96
English and Language Arts	3.9	4.0	4.0	3.69	3.79	3.74
Foreign and Classical Languages	2.9	3.2	3.1	3.73	3.81	3.78
Mathematics	4.0	4.1	4.0	3.58	3.62	3.60
Natural Sciences	3.9	3.8	3.9	3.72	3.72	3.72
Social Sciences and History	3.7	3.7	3.7	3.76	3.77	3.77
<b>Total for All Subjects</b>	<b>21.0</b>	<b>21.8</b>	<b>21.5</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
More Than 4 Years	126	12	37	63	601	623	578
4 Years	822	78	46	54	615	614	591
3 Years	55	5	51	49	521	550	498
2 Years	23	2	48	52	517	520	472
1 Year	11	1	64	36	521	560	510
1/2 Year or Less	11	1	27	73	508	522	514
No Response	224		57	43	548	583	528
AP@/Honors Courses	739	71	42	58	630	628	608
<b>Course Work or Experience</b>							
English/Language Arts	1,029	98	46	54	601	604	577
Journalism	177	17	28	72	609	597	595
Creative Writing	167	16	33	67	603	587	578
American Literature	557	53	44	56	609	614	590
Composition/Writing	497	47	43	57	594	596	574
British Literature	156	15	51	49	605	603	584
World Literature	217	21	47	53	608	603	583
Communications	165	16	36	64	579	589	556
Public Speaking	346	33	43	57	610	611	587
English As Second Language	48	5	31	69	464	546	462
<b>Mathematics</b>							
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	251	23	45	55	621	649	598
4 Years	707	65	44	56	603	601	580
3 Years	88	8	50	50	566	558	539
2 Years	18	2	56	44	483	520	461
1 Year	6	1	67	33	497	532	468
1/2 Year or Less	19	2	53	47	531	576	509
No Response	183		58	42	558	589	536
AP/Honors Courses	722	66	45	55	636	646	614
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	653	60	48	52	642	661	622
Pre-calculus	224	21	45	55	553	544	523
Geometry	190	17	37	63	519	492	492
Algebra II	12	1	50	50	528	507	521
Algebra I		0					

\*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	181	17	45	55	625	649	603	
4 Years	615	59	47	53	622	621	598	
3 Years	190	18	37	63	552	552	529	
2 Years	22	2	45	55	507	539	500	
1 Year	14	1	43	57	519	534	486	
1/2 Year or Less	13	1	23	77	525	539	488	
No Response	237		59	41	548	580	527	
AP/Honors Courses	598	58	44	56	644	649	621	
<b>Course Work or Experience</b>								
Biology	1,054	98	45	55	601	605	578	
Chemistry	1,024	95	45	55	602	609	579	
Physics	835	78	50	50	613	624	589	
Geology, Earth, or Space Science	272	25	42	58	556	553	529	
Other Sciences	436	41	40	60	584	587	565	

  

<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	99	10	41	59	623	635	598	
4 Years	623	60	45	55	613	609	590	
3 Years	252	24	44	56	598	609	573	
2 Years	33	3	55	45	522	557	516	
1 Year	13	1	46	54	544	576	487	
1/2 Year or Less	10	1	10	90	524	551	518	
No Response	242		58	42	544	582	524	
AP/Honors Courses	614	60	45	55	639	640	616	
<b>Course Work or Experience</b>								
U.S. History	1,036	97	46	54	602	607	578	
World History or Cultures	790	74	46	54	587	592	564	
U.S. Government or Civics	945	88	45	55	608	609	583	
Economics	280	26	49	51	599	606	576	
Geography	289	27	44	56	582	591	557	
Psychology	414	39	38	62	612	606	587	
European History	449	42	44	56	643	644	622	
Sociology	174	16	39	61	588	580	556	
Ancient History	81	8	49	51	602	595	574	
Other Courses	183	17	45	55	603	602	583	

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	136	13	36	64	616	638	604
4 Years	317	31	40	60	645	645	625
3 Years	208	20	48	52	589	606	567
2 Years	275	27	48	52	587	578	558
1 Year	46	4	57	43	559	552	522
1/2 Year or Less	45	4	51	49	527	534	500
No Response	245		58	42	547	581	525
AP/Honors Courses	298	29	39	61	654	660	640
<b>Course Work or Experience</b>							
Chinese	21	2	38	62	566	593	520
French	217	21	33	67	601	590	580
German	63	6	57	43	623	619	601
Greek	1	0	100	0			
Hebrew	7	1	43	57	596	629	580
Italian	4	0	25	75			
Japanese	10	1	40	60	580	620	548
Korean	2	0	50	50			
Latin	130	12	46	54	633	628	609
Russian	3	0	100	0			
Spanish	680	65	47	53	605	606	581
Other Languages	24	2	33	67	510	517	508

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	92	14	40	60	607	616	587
4 Years	206	32	37	63	630	620	603
3 Years	65	10	29	71	573	571	547
2 Years	104	16	44	56	579	583	551
1 Year	113	18	52	48	582	596	563
1/2 Year or Less	61	10	57	43	576	578	543
No Response	631		52	48	589	607	569
AP/Honors Courses	59	9	34	66	636	612	617
<b>Course Work or Experience</b>							
Acting or Play Production	291	28	36	64	614	604	591
Art History or Appreciation	136	13	37	63	588	582	561
Dance	98	9	11	89	567	566	557
Drama: Study or Appreciation	189	18	34	66	606	597	587
Music: Study or Appreciation	189	18	48	52	613	604	592
Music Performance	618	60	43	57	613	615	592
Photography or Film	245	24	31	69	588	585	565
Studio Art and Design	269	26	29	71	589	584	561
None	102	10	69	31	591	605	569

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
371	941	256	681	703	674

  

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	15	4
2	186	50
3	135	36
4 or More	35	9

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	103	678	75	71	694	61	671	74	682	66	
<b>History and Social Studies</b>											
U.S. History	110	689	88	88	694	70	690	76	682	85	
World History	8	674		7	700		681		691		
<b>Mathematics</b>											
Mathematics Level 1	83	667	89	50	653	91	677	77	634	81	
Mathematics Level 2	270	718	76	191	687	73	723	58	682	79	
<b>Science</b>											
Biology-E	31	656	100	21	704		714		696		
Biology-M	57	685	84	44	690	80	703	73	681	93	
Chemistry	136	696	81	91	682	84	732	55	695	84	
Physics	93	693	73	63	678	74	741	48	671	74	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	4			3							
French	8	571		7	680		639		690		
French/Listening	3			2							
German											
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening	3			2							
Korean/Listening	7	757		5	600		746		654		
Latin	2			1							
Spanish	22	620		18	671		663		654		
Spanish/Listening	1			1							

## 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	16	16	35	32	3	38
700-740	31	30	29	26	1	13
650-690	29	28	15	14	1	13
600-640	13	13	15	14	2	25
550-590	8	8	9	8		
500-540	4	4	5	5	1	13
450-490	1	1	1	1		
400-440						
350-390	1	1				
300-340			1	1		
250-290						
200-240						
Total	103		110		8	
Mean	678		689		674	
SD	75		88			
75th percentile	730		760			
50th percentile	690		700			
25th percentile	630		620			

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	17	20	124	46	5	16	18	32	45	33	29	31
700-740	19	23	50	19	9	29	11	19	34	25	19	20
650-690	15	18	45	17	4	13	12	21	23	17	22	24
600-640	14	17	28	10	4	13	9	16	19	14	9	10
550-590	11	13	18	7	5	16	3	5	5	4	12	13
500-540	3	4	5	2	3	10	3	5	7	5	2	2
450-490	2	2					1	2	3	2		
400-440	2	2										
350-390												
300-340					1	3						
250-290												
200-240												
Total	83		270		31		57		136		93	
Mean	667		718		656		685		696		693	
SD	89		76		100		84		81		73	
75th percentile	740		790		730		750		750		750	
50th percentile	680		730		670		690		720		700	
25th percentile	610		660		570		620		640		640	

**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	3	75										
700-740			1	13	1	33						
650-690			1	13								
600-640												
550-590			2	25								
500-540	1	25	3	38								
450-490					2	67						
400-440			1	13								
350-390												
300-340												
250-290												
200-240												
Total	4		8		3							
Mean			571									
SD												
75th percentile												
50th percentile												
25th percentile												

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	67	6	86			5	23		
700-740			1	33					1	5		
650-690									4	18	1	100
600-640							1	50	4	18		
550-590					1	14	1	50	1	5		
500-540									2	9		
450-490									3	14		
400-440									1	5		
350-390									1	5		
300-340												
250-290												
200-240												
Total			3		7		2		22		1	
Mean					757				620			
SD												
75th percentile									690			
50th percentile									620			
25th percentile									490			



## College Plans

Table 25: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	7	1	556	506	504
Architecture and Related Services	16	1	578	585	552
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	107	10	623	616	598
Business Management, Marketing, and Related Support Services	103	9	573	588	561
Communication, Journalism and Related Programs	27	2	587	538	549
Computer and Information Sciences and Support Services	50	5	599	635	571
Construction Trades	0	0			
Education	26	2	544	528	532
Engineering	178	16	620	652	594
Engineering Technologies/Technicians	13	1	615	656	598
English Language and Literature/Letters	26	2	658	585	628
Family and Consumer Sciences/Human Sciences	6	1	548	553	513
Foreign Languages, Literatures, and Linguistics	13	1	658	605	608
Health Professions and Related Clinical Services	174	16	589	604	571
History	13	1	605	573	586
Legal Professions and Studies	40	4	638	605	606
Liberal Arts and Sciences, General Studies, and Humanities	9	1	614	567	534
Library Science And Administration	0	0			
Mathematics and Statistics	13	1	675	729	680
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	3	0			
Multi/Interdisciplinary Studies	12	1	626	652	605
Natural Resources and Conservation	8	1	656	628	618
Parks, Recreation, Leisure and Fitness Studies	5	0	570	572	540
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	1	0			
Physical Sciences	22	2	677	691	631
Precision Production	0	0			
Psychology	30	3	593	558	560
Public Administration and Social Services Professions	3	0			
Security and Protective Services	14	1	554	546	529
Social Sciences	25	2	655	617	628
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	74	7	574	576	562
Other	5	0	566	562	578
Undecided	61	6	621	642	619
<b>Degree-Level Goal</b>					
Certificate Program	5	0	544	620	544
Associate Degree	1	0			
Bachelor's Degree	225	20	551	554	522
Master's Degree	343	31	598	607	577
Doctoral or Related Degree	408	37	629	630	608
Other	1	0			
Undecided	130	12	602	612	582

## College Plans

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

Of the 1,387 students from your state who took the SAT and/or an SAT Subject Test, 956 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 558 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Kansas	KS	Public	281	29.4
Kansas State University	KS	Public	186	19.5
NMSC Scholarship Admin	IL	Scholarship	154	16.1
Duke University Talent Identification Program	NC	Scholarship	128	13.4
Stanford University	CA	Private	124	13.0
Harvard College	MA	Private	100	10.5
Northwestern University	IL	Private	95	9.9
Massachusetts Institute of Technology	MA	Private	89	9.3
Wichita State University	KS	Public	85	8.9
Yale University	CT	Private	81	8.5
Washington University in St. Louis	MO	Private	79	8.3
Princeton University	NJ	Private	77	8.1
University of California: Berkeley	CA	Public	75	7.8
University of Southern California	CA	Private	71	7.4
Columbia University	NY	Private	67	7.0
University of Chicago	IL	Private	67	7.0
Cornell University	NY	Private	67	7.0
Vanderbilt University	TN	Private	63	6.6
University of Michigan	MI	Public	60	6.3
Duke University	NC	Private	55	5.8
University of Pennsylvania	PA	Private	54	5.6
Rice University	TX	Private	54	5.6
Johns Hopkins University	MD	Private	53	5.5
Dartmouth College	NH	Private	47	4.9
Brown University	RI	Private	45	4.7
University of California: Los Angeles	CA	Public	44	4.6
University of Texas at Austin	TX	Public	43	4.5
University of Minnesota: Twin Cities	MN	Public	42	4.4
Carnegie Mellon University	PA	Private	40	4.2
University of Arkansas	AR	Public	38	4.0
University of Oklahoma	OK	Public	37	3.9
Georgia Institute of Technology	GA	Public	37	3.9
California Institute of Technology	CA	Private	36	3.8
Purdue University	IN	Public	36	3.8
University of Missouri: Columbia	MO	Public	35	3.7
New York University	NY	Private	34	3.6
Boston University	MA	Private	34	3.6
Georgetown University	DC	Private	31	3.2
Baylor University	TX	Private	31	3.2
University of Washington	WA	Public	30	3.1
University of Missouri: Kansas City	MO	Public	30	3.1
University of Virginia	VA	Public	29	3.0
University of North Carolina at Chapel Hill	NC	Public	29	3.0
University of Illinois at Urbana-Champaign	IL	Public	27	2.8
NCAA Eligibility Center	IN	Public	26	2.7

\*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

## 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)