

# SAT<sup>®</sup>

2015 College-Bound Seniors

# State Profile Report



NEW YORK

## Included in This Report

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**SAT<sup>®</sup> Data**

**SAT Subject Tests<sup>™</sup> Data**

**Demographic and Academic Information**

**College Plans**

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**DATA EMBARGO IN EFFECT.** This report contains information on college-bound students in the class of 2015 who took the 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, 2015.*** 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 about the College Board Program Results press briefing, please contact the College Board communications department at [communications@collegeboard.org](mailto:communications@collegeboard.org).

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# The SAT<sup>®</sup> Program

The SAT<sup>®</sup> (formerly known as the SAT<sup>®</sup> I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests<sup>™</sup> (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 2015* includes students who tested through June 2015.

## Using This Report

*College-Bound Seniors* presents data on high school graduates in the year 2015 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<sup>®</sup> and the Advanced Placement Program<sup>®</sup> (AP<sup>®</sup>). 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, 1972–2015

<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

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 2000–2015, 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 present include students testing through June. 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 and Language Arts, Mathematics
Table 16: Natural Sciences, Social Sciences and History
Table 17: Foreign and Classical Languages
Table 18: Arts and Music, Computers

## 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
---	---------

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Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students
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## SAT<sup>®</sup> Data

Data in this report are for high school graduates in the year 2015. Information is summarized for seniors who took the SAT at any time during their high school years through June 2015. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total	153,543	489	114	502	121	478	116	47.4	11.6	7.2	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	
Male	72,259	492	116	517	124	472	117	47.2	11.7	7.0	1.7
Female	81,284	486	112	488	116	483	114	47.6	11.5	7.4	1.5

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Senior (2014-2015)	100,613	476	108	489	116	466	109	46.1	11.0	7.1	1.6
Junior (2013-2014)	52,741	514	120	525	125	502	124	49.9	12.4	7.4	1.6
Sophomore (2012-2013)	174	578	127	601	116	581	130	57.7	13.0	8.0	1.7
Freshman (2011-2012)	15	492		547		501		51.1		6.9	
Total	153,543	489	114	502	121	478	116	47.4	11.6	7.2	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	
Total Group	1,698,521	495	116	511	120	484	115	48.7	11.6	7.0	1.7

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2015 cohort took the SAT Writing section. The Writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

## 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	580	550	570	590	560
50th	480	500	470	490	510	480
25th	410	420	400	410	430	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	3,166	2,916	6,082	5,819	3,316	9,135	2,962	3,442	6,404
600-690	10,739	10,557	21,296	14,109	11,932	26,041	8,549	10,552	19,101
500-590	20,629	23,178	43,807	21,032	22,867	43,899	16,819	20,803	37,622
400-490	22,875	27,375	50,250	18,924	25,412	44,336	24,846	28,184	53,030
300-390	12,015	14,208	26,223	10,056	14,536	24,592	15,446	15,330	30,776
200-290	2,835	3,050	5,885	2,319	3,221	5,540	3,637	2,973	6,610

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	130,542	86	47	53	482	497	471
Religiously Affiliated	16,276	11	52	48	518	519	511
Independent	4,397	3	46	54	583	589	584
Other or Unknown	2,328		43	57	474	474	464

## 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	691	0	454	102	460	103	438	98
Asian, Asian American, or Pacific Islander	16,834	11	505	131	580	128	509	136
Black or African American	22,709	15	428	99	422	102	417	95
Mexican or Mexican American	3,213	2	427	95	439	99	416	92
Puerto Rican	6,254	4	450	100	444	103	437	98
Other Hispanic, Latino, or Latin American	18,027	12	436	104	440	107	427	103
White	74,505	49	526	101	536	103	512	105
Other	6,318	4	481	119	488	123	473	119
No Response	4,992	3	449	122	451	121	435	118
Total	153,543	100	489	114	502	121	478	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	319	0	455	103	470	108	425	100
Asian, Asian American, or Pacific Islander	8,408	5	505	133	592	130	501	138
Black or African American	10,193	7	427	100	429	106	408	95
Mexican or Mexican American	1,502	1	431	98	455	104	412	93
Puerto Rican	2,761	2	453	100	456	106	431	97
Other Hispanic, Latino, or Latin American	8,036	5	440	106	455	111	422	104
White	35,733	23	530	103	551	106	505	107
Other	2,803	2	482	121	502	127	467	122
No Response	2,504	2	448	124	460	126	426	119
Total	72,259	47	492	116	517	124	472	117

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	372	0	453	100	450	98	449	94
Asian, Asian American, or Pacific Islander	8,426	5	506	128	568	126	517	134
Black or African American	12,516	8	429	98	416	97	424	94
Mexican or Mexican American	1,711	1	424	92	426	93	420	90
Puerto Rican	3,493	2	447	100	434	99	442	98
Other Hispanic, Latino, or Latin American	9,991	7	433	102	428	102	432	101
White	38,772	25	523	99	522	99	518	103
Other	3,515	2	480	116	476	118	478	117
No Response	2,488	2	450	120	441	115	444	117
Total	81,284	53	486	112	488	116	483	114

## 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	153,543	100	489	114	502	121	478	116
<b>First Language Learned</b>								
English	104,522	70	502	108	507	114	488	110
English and Another	28,887	19	471	117	489	129	466	119
Another Language	16,955	11	443	124	496	141	444	130
No Response	3,179		457	131	469	133	443	130
<b>Citizenship</b>								
U.S. Citizen / U.S. National	135,783	93	498	110	506	117	486	112
U.S. Permanent Resident or Refugee	7,531	5	428	119	477	138	429	124
Citizen of Another Country	2,360	2	449	118	530	140	457	127
Other, Unknown, or No Response	7,869		412	119	439	132	402	119
<b>Plans to Apply for Financial Aid</b>								
Yes	99,413	79	492	106	503	113	480	107
No	5,660	4	548	123	566	123	545	128
Don't Know	20,891	17	508	118	526	123	499	122
No Response	27,579		452	126	467	133	442	127
<b>Family Income</b>								
\$0 - \$20,000	14,136	16	427	103	449	117	419	103
\$20,000–\$40,000	14,073	16	467	102	482	115	456	102
\$40,000–\$60,000	11,313	13	486	99	495	107	472	100
\$60,000–\$80,000	10,274	12	501	97	509	103	485	98
\$80,000–\$100,000	9,833	11	512	96	522	102	496	99
\$100,000–\$120,000	8,550	10	522	98	534	103	506	101
\$120,000–\$140,000	4,738	5	527	97	538	101	512	100
\$140,000–\$160,000	3,738	4	531	97	546	100	520	101
\$160,000–\$200,000	4,651	5	538	100	552	103	527	105
More than \$200,000	6,268	7	577	105	592	105	573	112
No Response	65,969		481	121	493	128	472	123
<b>Highest Level of Parental Education</b>								
No High School Diploma	11,033	8	422	103	454	124	417	105
High School Diploma	40,231	30	462	100	473	110	450	100
Associate Degree	13,840	10	479	93	486	100	462	93
Bachelor's Degree	37,451	28	517	102	530	110	506	106
Graduate Degree	31,863	24	557	112	565	115	547	117
No Response	19,125		423	110	439	120	414	108
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	46,601	35	500	108	511	112	486	109
Yes, As a Sophomore or Younger	20,677	15	491	111	504	119	480	113
Yes, As a Junior and As a Sophomore or Younger	45,658	34	514	111	531	119	510	114
No	20,641	15	462	107	467	113	442	105
No Response	19,966		432	119	446	127	421	118

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	14,726	35	45	55	571	595	565
Second Tenth	11,553	28	48	52	507	529	497
Second Fifth	6,920	17	52	48	484	498	467
Final Three Fifths	8,464	20	53	47	435	440	419
No Response	111,880		46	54	481	491	470

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)	9,455	7	39	61	619	645	620
A (93–96)	27,646	19	39	61	562	586	557
A- (90–92)	26,143	18	44	56	522	542	512
B (80–89)	62,726	43	50	50	458	466	444
C (70–79)	17,446	12	56	44	393	391	379
D, E, or F (below 70)	1,292	1	58	42	368	366	355
No Response	8,835		51	49	452	457	436
<b>Mean Grade Point Average</b>	<b>All Students: 3.31</b>		<b>Male: 3.22</b>		<b>Female: 3.38</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	2.2	2.7	2.5	3.61	3.79	3.71
English and Language Arts	3.8	3.8	3.8	3.28	3.52	3.41
Foreign and Classical Languages	3.0	3.2	3.1	3.20	3.48	3.35
Mathematics	3.8	3.8	3.8	3.13	3.17	3.15
Natural Sciences	3.7	3.6	3.6	3.22	3.25	3.23
Social Sciences and History	3.7	3.8	3.7	3.37	3.40	3.39
<b>Total for All Subjects</b>	<b>20.2</b>	<b>20.9</b>	<b>20.5</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

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	16,199	14	43	57	527	543	521
4 Years	75,486	66	47	53	509	521	497
3 Years	15,571	14	46	54	456	466	445
2 Years	2,703	2	48	52	452	473	446
1 Year	1,809	2	43	57	450	464	443
1/2 Year or Less	2,426	2	49	51	420	437	407
No Response	39,349		49	51	456	469	445
AP <sup>®</sup> /Honors Courses	40,044	35	39	61	564	571	556
<b>Course Work or Experience</b>							
English/Language Arts	101,283	95	45	55	501	512	490
Journalism	8,975	8	41	59	488	494	483
Creative Writing	26,088	25	40	60	497	502	490
American Literature	40,285	38	45	55	522	532	514
Composition/Writing	40,932	39	44	56	504	514	496
British Literature	13,443	13	43	57	545	550	538
World Literature	18,261	17	47	53	527	537	518
Communications	7,415	7	47	53	473	491	467
Public Speaking	16,445	15	45	55	505	516	495
English As Second Language	7,404	7	44	56	425	479	427

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	23,954	21	46	54	544	574	536
4 Years	62,102	54	47	53	506	517	494
3 Years	21,341	19	45	55	457	456	444
2 Years	2,708	2	49	51	441	450	432
1 Year	1,500	1	47	53	438	464	432
1/2 Year or Less	2,791	2	47	53	416	421	404
No Response	39,147		49	51	456	469	445
AP/Honors Courses	34,041	30	47	53	570	607	564
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	34,226	31	48	52	565	604	560
Pre-calculus	29,399	26	44	56	512	525	499
Geometry	42,124	38	45	55	448	441	434
Algebra II	1,443	1	47	53	414	399	403
Algebra I	996	1	49	51	407	378	391

\*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	19,271	17	46	54	550	574	541	
4 Years	55,140	49	47	53	514	527	503	
3 Years	26,355	24	44	56	464	469	453	
2 Years	4,701	4	49	51	454	465	442	
1 Year	2,612	2	47	53	454	472	445	
1/2 Year or Less	3,867	3	44	56	417	429	409	
No Response	41,597		49	51	455	468	445	
AP/Honors Courses	33,591	30	46	54	576	601	568	
<b>Course Work or Experience</b>								
Biology	88,575	81	46	54	509	522	498	
Chemistry	92,148	85	46	54	515	530	504	
Physics	60,291	55	50	50	536	560	527	
Geology, Earth, or Space Science	71,503	66	46	54	478	485	465	
Other Sciences	37,722	35	42	58	497	505	486	

  

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	15,360	14	45	55	534	550	526	
4 Years	70,520	62	46	54	512	523	500	
3 Years	18,624	16	46	54	461	473	451	
2 Years	3,380	3	49	51	455	476	448	
1 Year	2,156	2	44	56	451	469	445	
1/2 Year or Less	3,039	3	46	54	415	431	406	
No Response	40,464		49	51	455	468	444	
AP/Honors Courses	41,122	36	45	55	569	580	558	
<b>Course Work or Experience</b>								
U.S. History	103,534	95	46	54	501	513	490	
World History or Cultures	84,506	78	47	53	514	527	502	
U.S. Government or Civics	66,016	61	45	55	501	513	489	
Economics	58,450	54	44	56	502	515	490	
Geography	25,742	24	42	58	476	490	468	
Psychology	28,036	26	34	66	521	525	511	
European History	26,439	24	49	51	527	536	516	
Sociology	11,808	11	35	65	502	505	489	
Ancient History	23,502	22	49	51	506	516	494	
Other Courses	14,481	13	43	57	500	506	490	

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	16,588	15	40	60	545	563	539
4 Years	31,809	28	44	56	532	545	524
3 Years	34,979	31	48	52	500	513	487
2 Years	14,916	13	49	51	461	467	447
1 Year	7,891	7	52	48	434	441	420
1/2 Year or Less	6,164	5	52	48	416	432	404
No Response	41,196		50	50	455	468	445
AP/Honors Courses	22,183	20	39	61	570	586	567
<b>Course Work or Experience</b>							
Chinese	3,353	3	49	51	512	586	510
French	16,619	15	39	61	529	532	515
German	1,748	2	58	42	544	558	525
Greek	452	0	46	54	515	517	520
Hebrew	821	1	42	58	546	545	529
Italian	9,430	9	46	54	503	513	494
Japanese	976	1	48	52	527	555	519
Korean	289	0	46	54	454	499	463
Latin	5,698	5	45	55	563	569	555
Russian	818	1	52	48	527	561	528
Spanish	72,475	67	46	54	496	507	486
Other Languages	2,763	3	38	62	475	493	470

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, Computers

<b>Arts and Music*</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	11,326	11	36	64	537	547	529	
4 Years	23,514	22	39	61	526	531	517	
3 Years	15,187	14	42	58	494	502	484	
2 Years	21,148	20	47	53	495	508	484	
1 Year	24,074	23	53	47	493	513	481	
1/2 Year or Less	11,317	11	57	43	466	488	452	
No Response	46,977		50	50	458	471	447	
AP/Honors Courses	7,442	7	35	65	574	583	570	
<b>Course Work or Experience</b>								
Acting or Play Production	17,251	16	34	66	531	525	522	
Art History or Appreciation	17,293	17	43	57	504	510	497	
Dance	14,023	13	15	85	484	488	484	
Drama: Study or Appreciation	13,512	13	32	68	507	504	501	
Music: Study or Appreciation	19,352	18	50	50	525	530	516	
Music Performance	46,126	44	42	58	517	528	508	
Photography or Film	22,265	21	34	66	500	505	492	
Studio Art and Design	42,198	40	37	63	505	513	494	
None	13,249	13	66	34	474	497	457	
<b>Computers†</b>								
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	8,010	50	49	51	583	608	579	
Computer Programming	3,497	22	66	34	593	632	590	
Word Processing	7,267	45	47	53	581	605	578	
Internet Activity	6,289	39	47	53	583	607	580	
Using Computer Graphics	5,000	31	54	46	579	609	575	
Creating Spreadsheets/Databases	3,996	25	50	50	590	618	588	
None	4,007	25	39	61	559	586	559	

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.

\*Information about Arts & Music is incomplete for the 2015 cohort as data was not collected through the online registration process between January and June 2015. The full collection of this data has resumed.

†Information about Computer Experience represents a small sample of the 2015 cohort as this information is no longer collected through the online registration process as of November 2013.

## 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
26,200	64,505	24,493	614	644	615

  

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	5,123	20
2	9,698	37
3	7,319	28
4 or More	4,060	15

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 SAT.

	SAT Subject Test			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	5,141	619	102	4,870	640	99	619	96	637	101
<b>History and Social Studies</b>										
U.S. History	9,733	643	97	9,122	630	93	638	92	628	97
World History	3,998	621	99	3,781	638	91	645	90	634	95
<b>Mathematics</b>										
Mathematics Level 1	9,603	627	91	9,065	597	95	641	86	603	99
Mathematics Level 2	10,720	692	84	10,009	641	93	698	71	649	93
<b>Science</b>										
Biology-E	5,259	632	92	4,888	619	92	641	88	620	97
Biology-M	5,339	664	87	4,955	636	89	666	83	641	93
Chemistry	7,046	661	92	6,586	634	92	680	81	638	95
Physics	4,510	668	86	4,278	639	89	698	73	639	91
<b>Foreign and Classical Languages</b>										
Chinese/Listening	251	739	88	244	580	120	676	85	592	120
French	520	636	120	485	652	99	632	96	654	98
French/Listening	146	698	119	126	647	91	642	83	660	84
German	46	655	120	44	632	104	618	90	632	92
German/Listening	36	647	127	34	646	82	621	89	648	82
Modern Hebrew	63	588	133	53	652	95	663	87	659	85
Italian	98	648	122	92	612	103	615	88	633	100
Japanese/Listening	84	705	119	75	573	116	652	96	598	117
Korean/Listening	51	757	62	47	583	126	703	84	618	127
Latin	317	615	118	294	671	95	668	86	676	95
Spanish	1,339	640	114	1,261	598	111	603	103	608	113
Spanish/Listening	205	664	107	197	588	106	590	101	589	117

SAT Subject Tests Score Distributions

Table 21: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	486	9	1,402	14	474	12
700-740	880	17	1,961	20	544	14
650-690	968	19	1,989	20	692	17
600-640	845	16	1,577	16	652	16
550-590	745	14	1,154	12	718	18
500-540	497	10	792	8	441	11
450-490	411	8	514	5	321	8
400-440	209	4	242	2	121	3
350-390	82	2	90	1	34	1
300-340	18	0	12	0	1	0
250-290						
200-240						
Total	5,141		9,733		3,998	
Mean	619		643		621	
SD	102		97		99	
75th percentile	700		720		700	
50th percentile	630		660		620	
25th percentile	550		580		550	

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	702	7	3,554	33	585	11	976	18	1,479	21	989	22
700-740	1,860	19	1,926	18	849	16	1,115	21	1,454	21	890	20
650-690	1,924	20	1,963	18	1,012	19	1,182	22	1,272	18	937	21
600-640	1,782	19	1,714	16	1,041	20	1,002	19	1,122	16	760	17
550-590	1,422	15	1,084	10	862	16	560	10	822	12	532	12
500-540	1,051	11	348	3	524	10	300	6	534	8	261	6
450-490	537	6	102	1	257	5	121	2	249	4	110	2
400-440	209	2	23	0	81	2	50	1	95	1	28	1
350-390	93	1	5	0	37	1	21	0	19	0	3	0
300-340	20	0	1	0	9	0	10	0				
250-290	3	0			2	0	2	0				
200-240												
Total	9,603		10,720		5,259		5,339		7,046		4,510	
Mean	627		692		632		664		661		668	
SD	91		84		92		87		92		86	
75th percentile	700		770		700		730		740		730	
50th percentile	640		700		640		670		670		680	
25th percentile	560		630		570		610		600		610	

**SAT Subject Tests Score Distributions**

Table 23: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	165	66	124	24	72	49	14	30	10	28	13	21
700-740	39	16	70	13	18	12	8	17	3	8	5	8
650-690	14	6	69	13	14	10	6	13	9	25	5	8
600-640	8	3	68	13	11	8	3	7	4	11	7	11
550-590	9	4	48	9	11	8	3	7	3	8	6	10
500-540	8	3	56	11	7	5	6	13	2	6	7	11
450-490	4	2	54	10	8	5	4	9	1	3	9	14
400-440	4	2	22	4	2	1	1	2	1	3	8	13
350-390			8	2	3	2	1	2	2	6	3	5
300-340			1	0					1	3		
250-290												
200-240												
Total	251		520		146		46		36		63	
Mean	739		636		698		655		647		588	
SD	88		120		119		120		127		133	
75th percentile	800		740		800		750		760		700	
50th percentile	780		650		740		690		670		580	
25th percentile	710		530		630		540		590		460	

Table 24: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	31	32	43	51	36	71	55	17	296	22	60	29
700-740	10	10	17	20	8	16	51	16	231	17	42	20
650-690	13	13	6	7	3	6	35	11	196	15	21	10
600-640	10	10	4	5	2	4	31	10	196	15	30	15
550-590	14	14	4	5	1	2	41	13	127	9	17	8
500-540	6	6	3	4	1	2	35	11	110	8	18	9
450-490	5	5	4	5			48	15	83	6	10	5
400-440	7	7	1	1			20	6	70	5	4	2
350-390	2	2					1	0	24	2	3	1
300-340									6	0		
250-290			2	2								
200-240												
Total	98		84		51		317		1,339		205	
Mean	648		705		757		615		640		664	
SD	122		119		62		118		114		107	
75th percentile	760		790		800		720		740		750	
50th percentile	670		750		780		610		660		690	
25th percentile	570		670		730		510		560		570	



## 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	941	1	465	468	449
Architecture and Related Services	1,803	1	481	516	472
Area, Ethnic, Cultural and Gender Studies	150	0	541	500	520
Biological and Biomedical Sciences	8,404	6	533	550	524
Business Management, Marketing, and Related Support Services	15,498	12	484	512	477
Communication, Journalism and Related Programs	3,203	2	508	488	502
Computer and Information Sciences and Support Services	4,365	3	510	539	485
Construction Trades	140	0	420	434	402
Education	5,274	4	474	479	469
Engineering	10,830	8	519	566	500
Engineering Technologies/Technicians	2,083	2	459	498	442
English Language and Literature/Letters	1,710	1	554	506	542
Family and Consumer Sciences/Human Sciences	324	0	452	463	444
Foreign Languages, Literatures, and Linguistics	669	1	539	519	528
Health Professions and Related Clinical Services	22,253	17	482	495	477
History	1,306	1	531	501	503
Legal Professions and Studies	3,249	2	508	501	494
Liberal Arts and Sciences, General Studies, and Humanities	1,164	1	518	503	509
Library Science And Administration	14	0	553	506	531
Mathematics and Statistics	1,283	1	519	600	520
Mechanic and Repair Technologies/Technician	360	0	416	433	397
Military Technologies And Applied Sciences	514	0	465	477	443
Multi/Interdisciplinary Studies	749	1	568	579	560
Natural Resources and Conservation	670	1	518	520	493
Parks, Recreation, Leisure and Fitness Studies	989	1	434	455	426
Personal and Culinary Services	574	0	443	437	427
Philosophy and Religious Studies	186	0	529	499	498
Physical Sciences	1,929	1	554	578	537
Precision Production	8	0	458	443	400
Psychology	6,425	5	492	479	483
Public Administration and Social Services Professions	464	0	455	446	449
Security and Protective Services	5,992	5	439	443	425
Social Sciences	1,918	1	546	529	531
Theology and Religious Vocations	74	0	516	508	496
Transportation and Materials Moving	56	0	458	482	440
Visual and Performing Arts	9,462	7	488	476	477
Other	2,554	2	442	447	431
Undecided	12,446	10	525	542	515
<b>Degree-Level Goal</b>					
Certificate Program	1,410	1	440	457	428
Associate Degree	2,334	2	407	406	392
Bachelor's Degree	34,114	27	473	482	459
Master's Degree	40,996	32	501	515	491
Doctoral or Related Degree	25,155	20	531	545	524
Other	1,030	1	409	428	402
Undecided	23,655	18	502	515	490

## College Plans

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

Of the 155,250 students from your state who took the SAT and/or an SAT Subject Test, 105,223 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 2,477 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
CUNY: University Application Processing Center	NY	Public	21,379	20.3
SUNY University at Stony Brook	NY	Public	20,241	19.2
SUNY University at Binghamton	NY	Public	19,539	18.6
SUNY University at Buffalo	NY	Public	15,082	14.3
SUNY University at Albany	NY	Public	12,905	12.3
New York University	NY	Private	9,825	9.3
SUNY College at New Paltz	NY	Public	9,439	9.0
Fordham University	NY	Private	9,112	8.7
Cornell University	NY	Private	8,369	8.0
St. John's University	NY	Private	7,938	7.5
Syracuse University	NY	Private	7,574	7.2
SUNY College at Oneonta	NY	Public	6,975	6.6
City University of New York: Hunter College	NY	Public	6,951	6.6
SUNY College at Cortland	NY	Public	6,496	6.2
Boston University	MA	Private	6,294	6.0
Northeastern University	MA	Private	6,159	5.9
SUNY College at Geneseo	NY	Public	6,064	5.8
SUNY College at Oswego	NY	Public	6,044	5.7
SUNY College at Buffalo	NY	Public	5,881	5.6
Hofstra University	NY	Private	5,440	5.2
Adelphi University	NY	Private	5,364	5.1
Columbia University	NY	Private	5,087	4.8
City University of New York: Baruch College	NY	Public	4,919	4.7
Penn State University Park	PA	Public	4,805	4.6
Pace University	NY	Private	4,802	4.6
City University of New York: Queens College	NY	Public	4,770	4.5
Rochester Institute of Technology	NY	Private	4,657	4.4
SUNY College at Plattsburgh	NY	Public	4,625	4.4
Iona College	NY	Private	4,512	4.3
SUNY College at Brockport	NY	Public	4,492	4.3
NCAA Eligibility Center	IN	Public	4,414	4.2
City University of New York: Brooklyn College	NY	Public	4,405	4.2
Quinnipiac University	CT	Private	4,369	4.2
City University of New York: City College	NY	Public	4,247	4.0
University of Connecticut	CT	Public	4,074	3.9
Ithaca College	NY	Private	3,930	3.7
University of Pennsylvania	PA	Private	3,733	3.5
University of Delaware	DE	Public	3,590	3.4
University of Michigan	MI	Public	3,587	3.4
University of Massachusetts Amherst	MA	Public	3,552	3.4
SUNY College at Purchase	NY	Public	3,523	3.3
Siena College	NY	Private	3,446	3.3
University of Rochester	NY	Private	3,423	3.3
Boston College	MA	Private	3,335	3.2
Rensselaer Polytechnic Institute	NY	Private	3,329	3.2

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

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