

# SAT<sup>®</sup>

2015 College-Bound Seniors

# State Profile Report



RHODE ISLAND

## 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).

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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	
								Mean	SD	Mean	SD
Total	8,103	494	113	494	114	484	114	48.3	11.4	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	
								Mean	SD	Mean	SD
Male	3,727	497	115	509	117	477	114	47.9	11.3	7.0	1.7
Female	4,376	491	111	481	110	489	113	48.6	11.4	7.3	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	
								Mean	SD	Mean	SD
Senior (2014-2015)	6,048	486	109	487	111	477	110	47.5	11.0	7.1	1.6
Junior (2013-2014)	2,050	515	120	514	120	503	122	50.4	12.2	7.2	1.7
Sophomore (2012-2013)	5	548		596		550		55.2		7.4	
Freshman (2011-2012)	0										
Total	8,103	494	113	494	114	484	114	48.3	11.4	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	
								Mean	SD	Mean	SD
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	570	570	560	570	590	560
50th	490	490	480	490	510	480
25th	420	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	149	142	291	229	127	356	131	171	302
600-690	593	622	1,215	643	537	1,180	450	652	1,102
500-590	1,134	1,319	2,453	1,156	1,279	2,435	978	1,198	2,176
400-490	1,161	1,462	2,623	1,113	1,480	2,593	1,286	1,447	2,733
300-390	530	651	1,181	464	785	1,249	724	758	1,482
200-290	160	180	340	122	168	290	158	150	308

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	6,238	78	45	55	480	481	468
Religiously Affiliated	1,515	19	53	47	538	533	536
Independent	251	3	44	56	573	578	573
Other or Unknown	99		32	68	485	449	480

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	56	1	466	106	453	103	451	95
Asian, Asian American, or Pacific Islander	460	6	496	128	544	135	494	132
Black or African American	618	8	422	107	415	97	409	100
Mexican or Mexican American	67	1	442	112	462	116	439	98
Puerto Rican	194	2	418	95	415	101	409	98
Other Hispanic, Latino, or Latin American	965	12	412	101	416	101	401	100
White	5,284	65	523	100	520	102	513	103
Other	232	3	482	126	472	118	470	117
No Response	227	3	450	115	437	112	439	109
Total	8,103	100	494	113	494	114	484	114

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	25	0	440	92	439	90	418	79
Asian, Asian American, or Pacific Islander	206	3	499	131	561	134	485	133
Black or African American	291	4	424	110	423	104	405	101
Mexican or Mexican American	30	0	436	119	462	130	440	116
Puerto Rican	80	1	411	96	423	108	396	95
Other Hispanic, Latino, or Latin American	431	5	414	107	431	105	397	104
White	2,460	30	525	102	536	104	504	103
Other	102	1	494	126	496	129	477	119
No Response	102	1	460	116	456	118	440	112
Total	3,727	46	497	115	509	117	477	114

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	31	0	488	111	464	111	477	99
Asian, Asian American, or Pacific Islander	254	3	493	125	530	135	502	131
Black or African American	327	4	420	104	407	91	413	99
Mexican or Mexican American	37	0	447	105	462	103	438	80
Puerto Rican	114	1	423	95	409	95	417	99
Other Hispanic, Latino, or Latin American	534	7	411	96	403	95	405	96
White	2,824	35	521	99	506	98	520	102
Other	130	2	472	125	452	106	465	116
No Response	125	2	443	114	422	105	438	107
Total	4,376	54	491	111	481	110	489	113

## 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	8,103	100	494	113	494	114	484	114
<b>First Language Learned</b>								
English	6,096	77	513	105	509	106	502	106
English and Another	1,074	13	444	109	445	113	433	108
Another Language	798	10	421	121	452	135	418	125
No Response	135		456	147	457	139	450	138
<b>Citizenship</b>								
U.S. Citizen / U.S. National	7,291	96	502	108	499	109	491	109
U.S. Permanent Resident or Refugee	206	3	405	116	424	123	397	121
Citizen of Another Country	115	2	489	137	594	136	508	144
Other, Unknown, or No Response	491		413	128	424	131	403	128
<b>Plans to Apply for Financial Aid</b>								
Yes	5,537	81	500	106	497	107	490	106
No	315	5	531	108	549	114	537	116
Don't Know	962	14	507	114	511	117	494	115
No Response	1,289		447	130	453	128	438	130
<b>Family Income</b>								
\$0 - \$20,000	477	10	432	106	431	103	417	104
\$20,000–\$40,000	553	12	472	103	467	97	459	102
\$40,000–\$60,000	593	13	494	101	488	100	482	98
\$60,000–\$80,000	625	13	497	95	494	99	486	101
\$80,000–\$100,000	608	13	517	96	515	98	503	99
\$100,000–\$120,000	542	12	523	97	524	98	515	99
\$120,000–\$140,000	323	7	528	89	532	98	518	97
\$140,000–\$160,000	248	5	531	97	531	96	520	97
\$160,000–\$200,000	295	6	552	100	550	105	539	100
More than \$200,000	385	8	565	101	574	102	564	104
No Response	3,454		478	121	479	122	469	120
<b>Highest Level of Parental Education</b>								
No High School Diploma	476	6	391	98	400	96	381	93
High School Diploma	2,094	28	456	100	455	99	444	96
Associate Degree	674	9	480	90	476	96	466	89
Bachelor's Degree	2,365	32	519	97	519	102	507	99
Graduate Degree	1,857	25	560	105	557	109	554	110
No Response	637		424	118	433	116	417	115
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,983	28	489	104	493	106	479	104
Yes, As a Sophomore or Younger	1,185	17	504	104	506	108	495	103
Yes, As a Junior and As a Sophomore or Younger	2,530	36	541	106	541	107	536	108
No	1,420	20	453	96	445	95	436	89
No Response	985		426	123	431	121	414	121

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	29	42	58	591	600	592
Second Tenth	773	25	45	55	526	531	518
Second Fifth	643	21	48	52	495	501	483
Final Three Fifths	783	25	55	45	448	450	436
No Response	5,027		45	55	479	475	467

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)	213	3	34	66	613	613	615
A (93–96)	1,079	14	34	66	565	571	566
A- (90–92)	1,535	20	38	62	535	538	528
B (80–89)	3,856	51	49	51	472	471	459
C (70–79)	808	11	62	38	417	414	399
D, E, or F (below 70)	23	0	65	35	404	403	387
No Response	589		50	50	464	457	450
<b>Mean Grade Point Average</b>	<b>All Students: 3.26</b>		<b>Male: 3.14</b>		<b>Female: 3.36</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	3.62	3.80	3.73
English and Language Arts	3.9	3.9	3.9	3.20	3.46	3.34
Foreign and Classical Languages	3.0	3.2	3.1	3.12	3.41	3.28
Mathematics	3.9	3.9	3.9	3.12	3.14	3.13
Natural Sciences	3.6	3.7	3.6	3.19	3.33	3.27
Social Sciences and History	3.5	3.5	3.5	3.33	3.41	3.37
<b>Total for All Subjects</b>	<b>20.0</b>	<b>20.7</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	495	8	46	54	517	520	510	
4 Years	5,111	80	45	55	511	509	501	
3 Years	565	9	45	55	464	466	456	
2 Years	70	1	53	47	486	471	473	
1 Year	52	1	44	56	436	440	428	
1/2 Year or Less	72	1	53	47	434	438	424	
No Response	1,738		49	51	450	455	440	
AP®/Honors Courses	2,442	38	37	63	566	557	558	
<b>Course Work or Experience</b>								
English/Language Arts	5,673	95	44	56	508	506	498	
Journalism	387	6	40	60	502	496	498	
Creative Writing	1,311	22	37	63	516	502	509	
American Literature	4,105	68	44	56	516	513	506	
Composition/Writing	2,448	41	44	56	510	503	502	
British Literature	2,755	46	44	56	520	515	508	
World Literature	2,459	41	45	55	512	509	502	
Communications	331	6	53	47	493	496	482	
Public Speaking	857	14	42	58	505	502	497	
English As Second Language	241	4	43	57	423	470	428	
<b>Mathematics</b>								
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	789	12	49	51	520	539	512	
4 Years	4,725	74	45	55	510	507	500	
3 Years	670	11	43	57	472	464	461	
2 Years	61	1	46	54	456	453	444	
1 Year	48	1	46	54	446	453	439	
1/2 Year or Less	85	1	48	52	433	419	424	
No Response	1,725		49	51	450	455	440	
AP/Honors Courses	2,079	33	45	55	572	591	566	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,980	32	48	52	573	597	568	
Pre-calculus	2,180	35	46	54	501	495	488	
Geometry	1,924	31	41	59	446	425	434	
Algebra II	26	0	50	50	408	393	388	
Algebra I	10	0	30	70	353	327	336	

\*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	728	12	43	57	538	553	530	
4 Years	3,443	55	46	54	520	518	512	
3 Years	1,669	27	43	57	475	468	463	
2 Years	188	3	55	45	474	474	463	
1 Year	117	2	52	48	474	486	460	
1/2 Year or Less	139	2	46	54	427	428	417	
No Response	1,819		49	51	452	455	441	
AP/Honors Courses	2,294	37	41	59	569	576	561	
<b>Course Work or Experience</b>								
Biology	5,914	97	44	56	507	505	497	
Chemistry	5,840	96	44	56	508	507	498	
Physics	4,197	69	47	53	516	520	507	
Geology, Earth, or Space Science	2,883	48	44	56	504	504	493	
Other Sciences	2,853	47	41	59	504	501	495	

  

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	521	8	47	53	530	527	520	
4 Years	3,137	50	45	55	522	515	512	
3 Years	2,220	35	43	57	489	495	479	
2 Years	249	4	49	51	458	460	450	
1 Year	84	1	54	46	440	460	434	
1/2 Year or Less	103	2	49	51	434	436	423	
No Response	1,789		49	51	450	455	439	
AP/Honors Courses	2,319	37	40	60	573	566	566	
<b>Course Work or Experience</b>								
U.S. History	5,817	96	44	56	508	506	498	
World History or Cultures	4,590	76	45	55	509	508	499	
U.S. Government or Civics	2,591	43	46	54	509	508	497	
Economics	1,002	17	51	49	528	534	515	
Geography	549	9	46	54	487	489	481	
Psychology	2,196	36	32	68	513	506	504	
European History	1,827	30	50	50	534	526	526	
Sociology	1,018	17	33	67	499	492	487	
Ancient History	1,052	17	47	53	515	509	503	
Other Courses	1,359	22	41	59	509	503	498	

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	408	6	38	62	546	544	545
4 Years	1,865	30	38	62	549	542	543
3 Years	2,399	38	48	52	503	504	493
2 Years	1,299	21	52	48	458	457	441
1 Year	145	2	48	52	434	444	415
1/2 Year or Less	206	3	49	51	428	440	417
No Response	1,781		49	51	450	455	440
AP/Honors Courses	1,832	29	36	64	567	564	561
<b>Course Work or Experience</b>							
Chinese	71	1	51	49	545	572	555
French	1,008	17	43	57	525	518	510
German	46	1	41	59	543	536	528
Greek	16	0	75	25	543	543	532
Hebrew	15	0	67	33	501	513	513
Italian	566	9	42	58	502	492	492
Japanese	47	1	53	47	517	505	494
Korean	9	0	33	67	460	514	502
Latin	249	4	45	55	578	569	570
Russian	11	0	45	55	452	466	481
Spanish	4,229	69	44	56	503	503	495
Other Languages	264	4	43	57	469	470	457

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	320	5	34	66	522	516	520	
4 Years	1,379	23	38	62	527	517	519	
3 Years	904	15	37	63	503	501	493	
2 Years	1,359	22	46	54	499	500	488	
1 Year	1,269	21	49	51	499	505	492	
1/2 Year or Less	827	14	56	44	495	497	480	
No Response	2,045		51	49	455	459	444	
AP/Honors Courses	526	9	37	63	565	560	563	
<b>Course Work or Experience</b>								
Acting or Play Production	983	17	34	66	546	526	537	
Art History or Appreciation	1,065	19	40	60	499	495	491	
Dance	570	10	15	85	500	485	496	
Drama: Study or Appreciation	857	15	31	69	531	511	521	
Music: Study or Appreciation	974	17	50	50	524	518	514	
Music Performance	2,189	38	41	59	524	521	516	
Photography or Film	1,370	24	39	61	514	511	506	
Studio Art and Design	2,003	35	36	64	519	514	511	
None	772	14	59	41	470	478	460	

<b>Computers†</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	316	55	49	51	576	590	570
Computer Programming	99	17	72	28	577	603	571
Word Processing	316	55	48	52	571	588	565
Internet Activity	238	42	46	54	572	581	567
Using Computer Graphics	170	30	56	44	559	581	554
Creating Spreadsheets/Databases	198	35	49	51	570	583	559
None	111	19	39	61	567	580	563

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
1,171	2,952	1,136	613	624	613

  

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	122	10
2	496	42
3	426	36
4 or More	127	11

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			N	SAT					
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	429	612	107	422	626	103	600	97	625	106
<b>History and Social Studies</b>										
U.S. History	487	637	104	478	640	92	626	95	638	94
World History	24	608		23	661		649		657	
<b>Mathematics</b>										
Mathematics Level 1	486	589	97	473	589	98	605	92	592	103
Mathematics Level 2	487	669	90	471	636	92	682	78	644	88
<b>Science</b>										
Biology-E	131	599	97	124	612	87	615	94	614	99
Biology-M	255	628	94	244	628	92	637	87	630	92
Chemistry	257	620	106	252	639	92	667	94	638	92
Physics	147	606	97	142	609	101	666	105	616	103
<b>Foreign and Classical Languages</b>										
Chinese/Listening	3			3						
French	49	570	114	48	649	102	616	102	648	92
French/Listening	5	538		5	658		600		620	
German										
German/Listening	2			2						
Modern Hebrew	1			1						
Italian	4			4						
Japanese/Listening	4			4						
Korean/Listening	2			2						
Latin	22	575		22	659		609		652	
Spanish	111	585	115	105	597	110	605	103	615	111
Spanish/Listening	46	620	102	46	545	123	542	102	548	127

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	43	10	75	15	5	21
700-740	66	15	85	17	3	13
650-690	75	17	105	22	2	8
600-640	67	16	71	15	2	8
550-590	62	14	56	11	4	17
500-540	48	11	39	8	4	17
450-490	35	8	30	6	2	8
400-440	24	6	19	4	2	8
350-390	7	2	7	1		
300-340	2	0				
250-290						
200-240						
Total	429		487		24	
Mean	612		637		608	
SD	107		104			
75th percentile	700		720		710	
50th percentile	620		650		580	
25th percentile	530		570		510	

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	10	2	126	26	7	5	20	8	38	15	12	8
700-740	62	13	64	13	16	12	51	20	27	11	15	10
650-690	77	16	91	19	20	15	45	18	47	18	24	16
600-640	86	18	95	20	27	21	54	21	38	15	33	22
550-590	88	18	72	15	29	22	40	16	35	14	24	16
500-540	80	16	24	5	15	11	23	9	40	16	19	13
450-490	43	9	13	3	5	4	9	4	20	8	10	7
400-440	24	5	2	0	8	6	8	3	9	4	10	7
350-390	15	3			2	2	5	2	3	1		
300-340	1	0			2	2						
250-290												
200-240												
Total	486		487		131		255		257		147	
Mean	589		669		599		628		620		606	
SD	97		90		97		94		106		97	
75th percentile	660		750		660		700		690		670	
50th percentile	590		670		600		630		620		610	
25th percentile	520		600		540		570		540		530	

## 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	2	67	6	12					1	50		
700-740			1	2	1	20						
650-690			5	10								
600-640	1	33	7	14	1	20						
550-590			10	20							1	100
500-540			8	16	1	20			1	50		
450-490			4	8								
400-440			4	8	2	40						
350-390			4	8								
300-340												
250-290												
200-240												
Total	3		49		5				2		1	
Mean			570		538							
SD			114									
75th percentile			630									
50th percentile			550									
25th percentile			490									

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			3	75	2	100	2	9	14	13	6	13
700-740			1	25			3	14	7	6	6	13
650-690	1	25					1	5	14	13	7	15
600-640							2	9	20	18	10	22
550-590	1	25					5	23	14	13	6	13
500-540							1	5	16	14	4	9
450-490							5	23	9	8	5	11
400-440	2	50					2	9	10	9	2	4
350-390							1	5	6	5		
300-340									1	1		
250-290												
200-240												
Total	4		4		2		22		111		46	
Mean							575		585		620	
SD									115		102	
75th percentile							630		660		690	
50th percentile							580		590		630	
25th percentile							480		500		540	



## 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	49	1	487	497	479
Architecture and Related Services	93	1	484	494	465
Area, Ethnic, Cultural and Gender Studies	5	0	518	466	534
Biological and Biomedical Sciences	471	7	535	526	523
Business Management, Marketing, and Related Support Services	816	12	485	502	481
Communication, Journalism and Related Programs	142	2	519	496	521
Computer and Information Sciences and Support Services	181	3	521	535	490
Construction Trades	10	0	424	418	403
Education	372	5	480	466	477
Engineering	661	10	519	558	505
Engineering Technologies/Technicians	81	1	467	493	450
English Language and Literature/Letters	100	1	577	519	576
Family and Consumer Sciences/Human Sciences	18	0	482	459	457
Foreign Languages, Literatures, and Linguistics	41	1	570	531	554
Health Professions and Related Clinical Services	1,255	18	488	487	484
History	72	1	584	536	548
Legal Professions and Studies	153	2	505	485	491
Liberal Arts and Sciences, General Studies, and Humanities	52	1	549	536	542
Library Science And Administration	0	0			
Mathematics and Statistics	55	1	557	618	558
Mechanic and Repair Technologies/Technician	16	0	398	434	393
Military Technologies And Applied Sciences	29	0	459	464	435
Multi/Interdisciplinary Studies	44	1	582	561	579
Natural Resources and Conservation	37	1	501	496	483
Parks, Recreation, Leisure and Fitness Studies	41	1	424	446	419
Personal and Culinary Services	27	0	438	466	447
Philosophy and Religious Studies	8	0	581	509	511
Physical Sciences	98	1	549	564	534
Precision Production	0	0			
Psychology	337	5	497	478	494
Public Administration and Social Services Professions	24	0	452	423	446
Security and Protective Services	271	4	445	446	433
Social Sciences	136	2	573	546	554
Theology and Religious Vocations	5	0	522	476	524
Transportation and Materials Moving	2	0			
Visual and Performing Arts	431	6	517	488	505
Other	123	2	446	443	440
Undecided	548	8	522	525	510
<b>Degree-Level Goal</b>					
Certificate Program	48	1	425	444	414
Associate Degree	74	1	417	409	402
Bachelor's Degree	2,370	34	484	482	472
Master's Degree	2,096	30	510	510	502
Doctoral or Related Degree	1,253	18	531	531	524
Other	72	1	391	406	381
Undecided	1,045	15	510	506	497

## College Plans

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

Of the 8,138 students from your state who took the SAT and/or an SAT Subject Test, 6,601 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 1,113 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Rhode Island	RI	Public	4,466	67.7
Rhode Island College	RI	Public	2,615	39.6
Northeastern University	MA	Private	793	12.0
University of Connecticut	CT	Public	711	10.8
Boston University	MA	Private	663	10.0
Quinnipiac University	CT	Private	640	9.7
University of Massachusetts Amherst	MA	Public	638	9.7
Roger Williams University	RI	Private	618	9.4
University of New Hampshire	NH	Public	606	9.2
University of Vermont	VT	Public	570	8.6
Providence College	RI	Private	504	7.6
Brown University	RI	Private	466	7.1
Bryant University	RI	Private	457	6.9
Boston College	MA	Private	429	6.5
Salve Regina University	RI	Private	381	5.8
University of Massachusetts Dartmouth	MA	Public	290	4.4
Worcester Polytechnic Institute	MA	Private	289	4.4
Fordham University	NY	Private	249	3.8
University of Maine	ME	Public	245	3.7
Curry College	MA	Private	241	3.7
Community College of Rhode Island	RI	Public	238	3.6
New York University	NY	Private	236	3.6
Johnson & Wales University: Providence	RI	Private	235	3.6
NCAA Eligibility Center	IN	Public	215	3.3
Emmanuel College	MA	Private	209	3.2
MCPHS University	MA	Private	200	3.0
Suffolk University	MA	Private	200	3.0
University of Tampa	FL	Private	193	2.9
Stonehill College	MA	Private	186	2.8
Syracuse University	NY	Private	183	2.8
Tufts University	MA	Private	181	2.7
George Washington University	DC	Private	177	2.7
University of New Haven	CT	Private	177	2.7
Keene State College	NH	Public	174	2.6
Wentworth Institute of Technology	MA	Private	174	2.6
University of Miami	FL	Private	172	2.6
Harvard College	MA	Private	163	2.5
Springfield College	MA	Private	156	2.4
Cornell University	NY	Private	156	2.4
Western New England University	MA	Private	153	2.3
Bentley University	MA	Private	151	2.3
Endicott College	MA	Private	149	2.3
Sacred Heart University	CT	Private	147	2.2
University of Massachusetts Boston	MA	Public	144	2.2
Hofstra University	NY	Private	143	2.2

\*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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