

# SAT

2015 College-Bound Seniors

# State Profile Report



VIRGINIA

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ 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® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) 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 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® 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, 1972–2015

<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	
								Mean	SD	Mean	SD
Total	59,621	518	107	516	110	499	108	50.4	10.8	7.0	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	27,856	521	109	532	113	491	109	50.0	10.9	6.7	1.7
Female	31,765	516	106	502	105	506	106	50.8	10.8	7.2	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)	40,852	505	103	502	106	486	103	49.1	10.4	6.9	1.6
Junior (2013-2014)	18,627	547	110	545	111	527	111	53.3	11.2	7.2	1.6
Sophomore (2012-2013)	125	556	114	558	111	530	126	54.2	12.8	6.9	1.8
Freshman (2011-2012)	17	509		552		470		48.4		6.3	
Total	59,621	518	107	516	110	499	108	50.4	10.8	7.0	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	590	590	570	570	590	560
50th	520	510	490	490	510	480
25th	440	440	420	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	1,561	1,479	3,040	2,170	1,257	3,427	978	1,400	2,378
600-690	5,401	5,765	11,166	6,022	4,848	10,870	3,971	5,298	9,269
500-590	9,319	10,627	19,946	8,878	10,066	18,944	8,005	9,734	17,739
400-490	8,074	10,020	18,094	7,759	10,779	18,538	9,503	10,615	20,118
300-390	3,033	3,441	6,474	2,675	4,336	7,011	4,682	4,310	8,992
200-290	468	433	901	352	479	831	717	408	1,125

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	52,362	90	46	54	515	513	495
Religiously Affiliated	3,476	6	52	48	538	534	525
Independent	2,088	4	54	46	560	565	552
Other or Unknown	1,695		45	55	541	511	517

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	305	1	517	99	504	101	488	98
Asian, Asian American, or Pacific Islander	5,757	10	545	114	589	116	538	119
Black or African American	11,603	19	445	94	435	91	425	90
Mexican or Mexican American	771	1	500	103	490	101	477	99
Puerto Rican	616	1	505	96	489	96	485	94
Other Hispanic, Latino, or Latin American	3,148	5	494	99	492	97	477	97
White	33,976	57	542	99	535	99	521	99
Other	2,284	4	526	111	516	111	506	111
No Response	1,161	2	501	114	488	107	477	110
Total	59,621	100	518	107	516	110	499	108

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	138	0	513	106	512	109	477	104
Asian, Asian American, or Pacific Islander	2,860	5	545	115	602	117	528	121
Black or African American	5,279	9	442	96	443	95	415	90
Mexican or Mexican American	355	1	506	100	512	100	474	96
Puerto Rican	271	0	508	97	504	99	477	97
Other Hispanic, Latino, or Latin American	1,411	2	496	98	510	99	471	97
White	15,986	27	546	100	553	100	512	100
Other	961	2	529	115	531	113	495	112
No Response	595	1	491	116	492	112	457	111
Total	27,856	47	521	109	532	113	491	109

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	167	0	521	92	496	94	496	92
Asian, Asian American, or Pacific Islander	2,897	5	546	113	576	114	548	115
Black or African American	6,324	11	447	93	429	87	434	89
Mexican or Mexican American	416	1	494	106	471	98	479	101
Puerto Rican	345	1	502	94	477	92	491	91
Other Hispanic, Latino, or Latin American	1,737	3	492	99	478	93	481	97
White	17,990	30	538	98	519	95	528	98
Other	1,323	2	524	109	505	108	514	110
No Response	566	1	512	110	483	102	498	106
Total	31,765	53	516	106	502	105	506	106

## 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	59,621	100	518	107	516	110	499	108
<b>First Language Learned</b>								
English	48,497	82	520	106	512	106	499	105
English and Another	6,470	11	519	111	529	118	506	114
Another Language	3,965	7	495	115	538	127	491	120
No Response	689		504	121	503	116	484	118
<b>Citizenship</b>								
U.S. Citizen / U.S. National	55,642	96	521	106	516	108	501	106
U.S. Permanent Resident or Refugee	1,661	3	491	118	529	126	487	122
Citizen of Another Country	842	1	484	119	564	133	490	129
Other, Unknown, or No Response	1,476		455	109	475	124	440	110
<b>Plans to Apply for Financial Aid</b>								
Yes	39,171	73	512	105	506	106	492	104
No	3,896	7	546	102	553	107	531	104
Don't Know	10,450	20	536	107	539	110	517	109
No Response	6,104		509	118	515	120	491	119
<b>Family Income</b>								
\$0 - \$20,000	3,114	8	446	99	441	99	428	94
\$20,000–\$40,000	4,906	12	472	98	469	98	452	97
\$40,000–\$60,000	5,070	13	494	99	488	98	472	96
\$60,000–\$80,000	4,843	12	505	97	496	97	483	96
\$80,000–\$100,000	4,797	12	518	97	514	99	497	99
\$100,000–\$120,000	4,750	12	534	98	530	99	513	98
\$120,000–\$140,000	2,829	7	540	97	538	99	520	98
\$140,000–\$160,000	2,347	6	548	98	545	101	529	100
\$160,000–\$200,000	3,035	8	555	98	556	101	536	100
More than \$200,000	3,897	10	575	98	578	104	560	102
No Response	20,033		523	113	523	116	505	113
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,620	3	443	93	453	100	428	92
High School Diploma	14,235	25	471	95	467	95	452	92
Associate Degree	4,498	8	481	93	473	91	459	90
Bachelor's Degree	19,070	33	530	98	527	101	509	99
Graduate Degree	17,542	31	569	105	566	109	550	107
No Response	2,656		466	105	472	108	449	105
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	10,316	18	504	105	501	106	485	104
Yes, As a Sophomore or Younger	14,030	25	513	102	509	104	491	102
Yes, As a Junior and As a Sophomore or Younger	24,336	44	549	103	548	106	532	104
No	7,123	13	462	98	453	96	439	93
No Response	3,816		486	112	494	116	468	111

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	7,231	32	43	57	595	599	580
Second Tenth	5,777	26	46	54	526	527	506
Second Fifth	4,299	19	51	49	496	492	473
Final Three Fifths	4,965	22	51	49	448	440	427
No Response	37,349		46	54	514	511	495

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)	4,130	7	39	61	603	605	590
A (93–96)	12,489	22	39	61	578	582	564
A- (90–92)	11,032	19	44	56	540	540	522
B (80–89)	23,912	42	50	50	484	479	463
C (70–79)	5,027	9	59	41	428	419	405
D, E, or F (below 70)	102	0	67	33	406	396	371
No Response	2,929		51	49	497	485	471
<b>Mean Grade Point Average</b>	<b>All Students: 3.41</b>		<b>Male: 3.33</b>		<b>Female: 3.48</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	1.9	2.3	2.1	3.76	3.89	3.83
English and Language Arts	3.9	4.0	3.9	3.36	3.57	3.47
Foreign and Classical Languages	3.2	3.4	3.3	3.19	3.44	3.32
Mathematics	4.1	4.1	4.1	3.16	3.19	3.17
Natural Sciences	3.8	3.9	3.8	3.34	3.41	3.38
Social Sciences and History	3.9	3.9	3.9	3.44	3.47	3.46
<b>Total for All Subjects</b>	<b>20.8</b>	<b>21.6</b>	<b>21.1</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	7,715	15	45	55	541	538	524	
4 Years	35,605	71	46	54	524	520	504	
3 Years	4,811	10	46	54	483	480	464	
2 Years	954	2	48	52	485	488	468	
1 Year	465	1	40	60	467	465	449	
1/2 Year or Less	591	1	56	44	430	440	412	
No Response	9,480		51	49	506	508	487	
AP <sup>®</sup> /Honors Courses	27,898	56	40	60	560	553	542	
<b>Course Work or Experience</b>								
English/Language Arts	45,356	96	45	55	521	516	501	
Journalism	4,310	9	33	67	526	511	515	
Creative Writing	7,083	15	39	61	524	507	507	
American Literature	23,293	49	43	57	535	527	515	
Composition/Writing	19,553	41	44	56	522	513	504	
British Literature	10,450	22	43	57	543	530	522	
World Literature	11,209	24	45	55	540	530	519	
Communications	2,442	5	46	54	506	499	490	
Public Speaking	4,989	11	44	56	525	513	506	
English As Second Language	1,788	4	45	55	454	499	450	
<b>Mathematics</b>								
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	17,155	34	47	53	558	569	540	
4 Years	25,202	50	46	54	512	503	492	
3 Years	5,925	12	46	54	467	450	447	
2 Years	779	2	49	51	465	459	448	
1 Year	437	1	47	53	471	485	459	
1/2 Year or Less	726	1	49	51	437	434	417	
No Response	9,397		50	50	507	508	488	
AP/Honors Courses	21,928	44	46	54	570	583	553	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	17,437	35	49	51	582	601	566	
Pre-calculus	11,246	23	43	57	521	514	501	
Geometry	19,210	39	44	56	466	445	444	
Algebra II	841	2	46	54	483	461	459	
Algebra I	100	0	67	33	402	391	388	

\*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	9,555	19	45	55	554	561	536	
4 Years	28,763	58	46	54	527	522	508	
3 Years	7,660	15	46	54	479	469	459	
2 Years	1,589	3	52	48	488	484	468	
1 Year	850	2	45	55	483	482	466	
1/2 Year or Less	1,004	2	46	54	437	438	421	
No Response	10,200		50	50	504	506	485	
AP/Honors Courses	22,258	45	44	56	568	571	550	
<b>Course Work or Experience</b>								
Biology	46,976	97	45	55	521	517	501	
Chemistry	44,066	91	45	55	528	526	509	
Physics	26,716	55	50	50	551	557	532	
Geology, Earth, or Space Science	31,567	65	45	55	506	498	485	
Other Sciences	16,938	35	40	60	509	500	489	

  

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	8,498	17	46	54	553	551	533	
4 Years	32,293	65	46	54	525	520	505	
3 Years	6,440	13	46	54	485	482	466	
2 Years	1,328	3	51	49	478	481	462	
1 Year	624	1	46	54	466	467	449	
1/2 Year or Less	632	1	50	50	423	431	409	
No Response	9,806		51	49	505	507	486	
AP/Honors Courses	27,485	55	44	56	562	557	542	
<b>Course Work or Experience</b>								
U.S. History	45,326	94	45	55	521	517	502	
World History or Cultures	41,660	86	45	55	523	520	504	
U.S. Government or Civics	39,789	82	45	55	522	517	502	
Economics	27,564	57	44	56	528	524	509	
Geography	13,238	27	45	55	511	507	491	
Psychology	14,596	30	35	65	542	531	524	
European History	8,903	18	48	52	554	543	532	
Sociology	4,771	10	35	65	513	496	492	
Ancient History	8,443	17	49	51	530	525	508	
Other Courses	5,010	10	43	57	533	523	512	

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	7,307	15	38	62	579	577	565
4 Years	13,711	28	43	57	549	544	532
3 Years	21,232	43	47	53	507	504	485
2 Years	4,004	8	52	48	471	462	451
1 Year	1,211	2	54	46	441	440	421
1/2 Year or Less	2,078	4	56	44	426	431	406
No Response	10,078		51	49	504	506	484
AP/Honors Courses	9,770	20	39	61	586	584	574
<b>Course Work or Experience</b>							
Chinese	613	1	49	51	572	601	554
French	9,266	19	36	64	534	522	515
German	2,819	6	59	41	543	535	514
Greek	84	0	50	50	568	557	547
Hebrew	35	0	51	49	519	512	508
Italian	233	0	42	58	537	515	515
Japanese	673	1	49	51	552	551	520
Korean	113	0	35	65	528	566	523
Latin	5,872	12	48	52	551	541	526
Russian	261	1	56	44	565	566	538
Spanish	32,787	67	46	54	513	511	495
Other Languages	1,335	3	37	63	494	494	476

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	4,499	10	38	62	548	541	531	
4 Years	7,772	18	37	63	549	539	532	
3 Years	5,236	12	39	61	521	512	503	
2 Years	7,942	18	43	57	522	520	503	
1 Year	8,209	19	48	52	526	526	508	
1/2 Year or Less	10,577	24	57	43	505	509	482	
No Response	15,386		52	48	496	495	476	
AP/Honors Courses	3,888	9	34	66	574	566	559	
<b>Course Work or Experience</b>								
Acting or Play Production	7,026	15	33	67	555	529	535	
Art History or Appreciation	6,007	13	38	62	516	502	497	
Dance	3,535	8	11	89	514	499	504	
Drama: Study or Appreciation	6,888	15	33	67	532	511	513	
Music: Study or Appreciation	4,542	10	46	54	548	533	528	
Music Performance	17,757	39	42	58	541	535	523	
Photography or Film	9,144	20	32	68	517	505	502	
Studio Art and Design	9,088	20	34	66	536	525	518	
None	11,497	25	60	40	499	504	476	

<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	3,986	51	49	51	583	591	566
Computer Programming	1,733	22	64	36	604	633	588
Word Processing	3,823	49	47	53	584	589	566
Internet Activity	3,153	40	47	53	593	598	575
Using Computer Graphics	2,253	29	54	46	586	598	568
Creating Spreadsheets/Databases	2,213	28	52	48	589	604	573
None	1,971	25	36	64	570	578	560

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
8,729	21,798	8,407	638	652	629

  

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	828	9
2	3,986	46
3	2,962	34
4 or More	953	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	2,552	635	90	2,447	655	82	628	83	642	83	
<b>History and Social Studies</b>											
U.S. History	4,147	651	86	3,991	647	81	641	83	634	84	
World History	768	630	92	743	653	84	652	86	639	86	
<b>Mathematics</b>											
Mathematics Level 1	2,712	623	85	2,600	613	83	632	77	606	85	
Mathematics Level 2	4,757	687	83	4,593	649	85	692	70	647	83	
<b>Science</b>											
Biology-E	922	634	86	879	638	80	642	83	631	84	
Biology-M	1,079	658	80	1,047	648	82	664	83	643	82	
Chemistry	2,058	659	94	1,985	650	85	691	76	646	86	
Physics	1,239	659	88	1,197	656	87	708	70	647	86	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	61	741	80	57	618	108	679	77	608	113	
French	317	603	113	308	670	79	651	81	663	79	
French/Listening	56	628	118	54	654	102	641	83	639	120	
German	28	593	118	27	624	104	631	97	622	122	
German/Listening	16	590		16	667		613		658		
Modern Hebrew	2			2							
Italian	7	699		7	574		569		591		
Japanese/Listening	33	643	121	31	599	83	653	85	584	83	
Korean/Listening	54	770	70	50	585	93	682	90	622	91	
Latin	207	609	107	203	688	79	678	82	675	75	
Spanish	691	610	111	665	646	81	640	83	643	85	
Spanish/Listening	92	643	103	90	635	82	615	80	622	90	

## 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	264	10	589	14	83	11
700-740	495	19	810	20	116	15
650-690	511	20	951	23	150	20
600-640	474	19	786	19	146	19
550-590	403	16	484	12	133	17
500-540	215	8	323	8	76	10
450-490	123	5	142	3	45	6
400-440	39	2	37	1	15	2
350-390	24	1	24	1	3	0
300-340	4	0	1	0	1	0
250-290						
200-240						
Total	2,552		4,147		768	
Mean	635		651		630	
SD	90		86		92	
75th percentile	710		720		700	
50th percentile	640		660		640	
25th percentile	570		600		570	

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	158	6	1,439	30	88	10	150	14	459	22	240	19
700-740	452	17	815	17	144	16	218	20	343	17	211	17
650-690	555	20	915	19	185	20	267	25	397	19	258	21
600-640	580	21	817	17	212	23	216	20	329	16	232	19
550-590	455	17	557	12	163	18	125	12	258	13	165	13
500-540	312	12	162	3	82	9	70	6	158	8	88	7
450-490	132	5	40	1	29	3	26	2	87	4	35	3
400-440	47	2	12	0	12	1	5	0	23	1	9	1
350-390	17	1			5	1	2	0	4	0	1	0
300-340	4	0			1	0						
250-290					1	0						
200-240												
Total	2,712		4,757		922		1,079		2,058		1,239	
Mean	623		687		634		658		659		659	
SD	85		83		86		80		94		88	
75th percentile	690		760		700		720		740		730	
50th percentile	630		690		630		660		670		660	
25th percentile	570		620		580		600		590		600	

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	38	62	44	14	11	20	5	18	3	19	1	50
700-740	8	13	38	12	7	13	1	4	2	13		
650-690	8	13	39	12	9	16	3	11	1	6		
600-640	3	5	34	11	8	14	2	7	1	6		
550-590	2	3	50	16	5	9	6	21	2	13		
500-540	1	2	51	16	8	14	7	25	1	6		
450-490			36	11	4	7	1	4	4	25	1	50
400-440	1	2	21	7	1	2	2	7	2	13		
350-390			4	1	3	5	1	4				
300-340												
250-290												
200-240												
Total	61		317		56		28		16		2	
Mean	741		603		628		593		590			
SD	80		113		118		118					
75th percentile	800		700		720		670					
50th percentile	780		590		630		560					
25th percentile	690		510		540		500					

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	43	11	33	48	89	28	14	87	13	14	15
700-740	1	14	3	9	2	4	31	15	100	14	24	26
650-690	1	14	4	12	1	2	19	9	101	15	10	11
600-640	1	14	1	3	1	2	29	14	109	16	14	15
550-590			6	18			35	17	95	14	8	9
500-540	1	14	1	3			31	15	76	11	12	13
450-490			6	18	1	2	22	11	66	10	7	8
400-440			1	3	1	2	10	5	39	6	3	3
350-390							2	1	14	2		
300-340									4	1		
250-290												
200-240												
Total	7		33		54		207		691		92	
Mean	699		643		770		609		610		643	
SD			121		70		107		111		103	
75th percentile			760		800		710		700		730	
50th percentile			650		800		600		620		650	
25th percentile			520		770		520		530		550	



## 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	559	1	492	484	472
Architecture and Related Services	700	1	514	535	493
Area, Ethnic, Cultural and Gender Studies	90	0	569	515	541
Biological and Biomedical Sciences	3,632	7	547	546	530
Business Management, Marketing, and Related Support Services	5,974	11	508	517	491
Communication, Journalism and Related Programs	1,292	2	529	495	515
Computer and Information Sciences and Support Services	2,413	4	546	559	512
Construction Trades	22	0	466	490	420
Education	2,431	4	499	487	487
Engineering	5,649	10	550	583	524
Engineering Technologies/Technicians	716	1	482	512	456
English Language and Literature/Letters	655	1	590	521	567
Family and Consumer Sciences/Human Sciences	168	0	469	466	466
Foreign Languages, Literatures, and Linguistics	409	1	576	545	561
Health Professions and Related Clinical Services	9,820	18	500	496	487
History	735	1	539	495	503
Legal Professions and Studies	1,201	2	537	514	514
Liberal Arts and Sciences, General Studies, and Humanities	442	1	566	532	549
Library Science And Administration	15	0	553	503	523
Mathematics and Statistics	423	1	546	608	539
Mechanic and Repair Technologies/Technician	90	0	435	450	403
Military Technologies And Applied Sciences	430	1	502	509	467
Multi/Interdisciplinary Studies	386	1	585	575	571
Natural Resources and Conservation	315	1	539	522	512
Parks, Recreation, Leisure and Fitness Studies	536	1	446	457	429
Personal and Culinary Services	216	0	459	442	433
Philosophy and Religious Studies	156	0	554	533	533
Physical Sciences	819	2	564	572	538
Precision Production	2	0			
Psychology	2,443	5	515	485	496
Public Administration and Social Services Professions	219	0	495	470	479
Security and Protective Services	1,785	3	475	467	453
Social Sciences	1,007	2	570	538	548
Theology and Religious Vocations	82	0	536	498	507
Transportation and Materials Moving	15	0	507	518	465
Visual and Performing Arts	3,684	7	525	502	507
Other	779	1	477	470	455
Undecided	3,733	7	548	547	528
<b>Degree-Level Goal</b>					
Certificate Program	340	1	460	467	439
Associate Degree	509	1	431	421	411
Bachelor's Degree	17,744	33	496	492	474
Master's Degree	17,675	33	527	526	509
Doctoral or Related Degree	10,925	20	549	545	532
Other	216	0	453	446	427
Undecided	6,928	13	526	522	506

## College Plans

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

Of the 59,943 students from your state who took the SAT and/or an SAT Subject Test, 46,203 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 2,174 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
James Madison University	VA	Public	14,788	32.0
Virginia Commonwealth University	VA	Public	12,325	26.7
Virginia Tech	VA	Public	11,856	25.7
George Mason University	VA	Public	11,124	24.1
University of Virginia	VA	Public	10,953	23.7
Old Dominion University	VA	Public	7,921	17.1
Christopher Newport University	VA	Public	6,777	14.7
College of William and Mary	VA	Public	6,109	13.2
Radford University	VA	Public	5,656	12.2
University of Mary Washington	VA	Public	4,159	9.0
Longwood University	VA	Public	4,030	8.7
NCAA Eligibility Center	IN	Public	2,561	5.5
Liberty University	VA	Private	2,310	5.0
Bridgewater College	VA	Private	2,128	4.6
Virginia Tech Center for Teacher Education	VA	Public	2,029	4.4
Virginia State University	VA	Public	2,013	4.4
University of Richmond	VA	Private	1,904	4.1
Penn State University Park	PA	Public	1,800	3.9
University of South Carolina: Columbia	SC	Public	1,724	3.7
University of North Carolina at Chapel Hill	NC	Public	1,708	3.7
Lynchburg College	VA	Private	1,595	3.5
West Virginia University	WV	Public	1,537	3.3
Norfolk State University	VA	Public	1,492	3.2
Randolph-Macon College	VA	Private	1,425	3.1
East Carolina University	NC	Public	1,410	3.1
Duke University	NC	Private	1,364	3.0
Clemson University	SC	Public	1,232	2.7
Hampton University	VA	Private	1,200	2.6
Cornell University	NY	Private	1,187	2.6
Shenandoah University	VA	Private	1,159	2.5
Roanoke College	VA	Private	1,147	2.5
University of Pennsylvania	PA	Private	1,125	2.4
Georgetown University	DC	Private	1,059	2.3
North Carolina State University	NC	Public	1,056	2.3
New York University	NY	Private	1,055	2.3
Princeton University	NJ	Private	1,046	2.3
University of Maryland: College Park	MD	Public	1,030	2.2
Ferrum College	VA	Private	1,005	2.2
Georgia Institute of Technology	GA	Public	948	2.1
Harvard College	MA	Private	944	2.0
George Washington University	DC	Private	941	2.0
Stanford University	CA	Private	938	2.0
Johns Hopkins University	MD	Private	928	2.0
Virginia Military Institute	VA	Public	909	2.0
University of Alabama	AL	Public	899	1.9

\*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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