

# SAT<sup>®</sup>

2015 College-Bound Seniors

# State Profile Report



OHIO

## 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® 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).

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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	17,253	557	106	563	108	537	106	54.3	10.9	7.3	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	8,202	564	109	583	109	535	108	54.4	11.1	7.1	1.5
Female	9,051	550	104	545	103	539	105	54.3	10.8	7.4	1.4

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)	6,912	539	109	544	112	519	109	52.4	11.2	7.2	1.5
Junior (2013-2014)	10,102	569	102	575	103	551	103	55.7	10.5	7.4	1.4
Sophomore (2012-2013)	171	554	102	582	96	531	98	54.0	10.0	7.1	1.4
Freshman (2011-2012)	68	534	84	540	81	490	79	50.3	8.3	6.8	1.4
Total	17,253	557	106	563	108	537	106	54.3	10.9	7.3	1.5

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,698,521	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	630	640	610	570	590	560
50th	560	560	540	490	510	480
25th	480	490	460	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	919	730	1,649	1,252	639	1,891	561	620	1,181
600-690	2,278	2,282	4,560	2,624	2,277	4,901	1,907	2,207	4,114
500-590	2,830	3,322	6,152	2,563	3,276	5,839	2,778	3,097	5,875
400-490	1,645	2,127	3,772	1,373	2,206	3,579	2,100	2,366	4,466
300-390	452	528	980	344	587	931	754	689	1,443
200-290	78	62	140	46	66	112	102	72	174

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	11,754	70	46	54	551	561	529
Religiously Affiliated	4,016	24	54	46	562	562	549
Independent	979	6	48	52	596	602	591
Other or Unknown	504		45	55	562	530	532

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	49	0	521	107	522	110	496	110
Asian, Asian American, or Pacific Islander	1,359	8	567	127	633	107	566	125
Black or African American	1,751	10	469	102	461	100	449	99
Mexican or Mexican American	150	1	538	108	532	106	517	104
Puerto Rican	105	1	533	102	537	105	514	99
Other Hispanic, Latino, or Latin American	280	2	561	104	559	107	534	105
White	12,724	74	568	98	571	99	547	99
Other	525	3	554	113	560	113	542	114
No Response	310	2	544	106	528	103	519	100
Total	17,253	100	557	106	563	108	537	106

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	30	0	523	110	540	117	502	108
Asian, Asian American, or Pacific Islander	643	4	574	131	653	103	568	129
Black or African American	738	4	465	107	466	106	437	102
Mexican or Mexican American	73	0	550	104	557	108	522	95
Puerto Rican	51	0	543	104	560	108	515	103
Other Hispanic, Latino, or Latin American	130	1	572	110	580	106	531	107
White	6,135	36	575	99	591	100	544	100
Other	247	1	561	115	579	108	538	112
No Response	155	1	554	111	547	102	516	107
Total	8,202	48	564	109	583	109	535	108

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	19	0	517		492		486	
Asian, Asian American, or Pacific Islander	716	4	561	122	616	108	564	121
Black or African American	1,013	6	473	98	457	95	457	96
Mexican or Mexican American	77	0	527	111	509	99	513	111
Puerto Rican	54	0	524	100	515	96	513	95
Other Hispanic, Latino, or Latin American	150	1	552	98	541	104	537	103
White	6,589	38	562	97	552	94	550	98
Other	278	2	548	110	543	114	545	115
No Response	155	1	533	99	509	99	522	92
Total	9,051	52	550	104	545	103	539	105

## 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	17,253	100	557	106	563	108	537	106
<b>First Language Learned</b>								
English	15,006	88	558	103	559	105	537	104
English and Another	1,228	7	560	115	582	119	551	118
Another Language	820	5	519	133	599	122	521	131
No Response	199		578	110	565	104	550	108
<b>Citizenship</b>								
U.S. Citizen / U.S. National	16,368	97	560	104	562	107	539	105
U.S. Permanent Resident or Refugee	282	2	545	131	600	123	536	132
Citizen of Another Country	249	1	466	119	623	109	488	119
Other, Unknown, or No Response	354		494	124	531	117	483	111
<b>Plans to Apply for Financial Aid</b>								
Yes	11,645	76	554	105	557	107	533	105
No	1,126	7	564	103	581	101	551	102
Don't Know	2,606	17	564	107	574	109	546	108
No Response	1,876		558	112	571	110	540	111
<b>Family Income</b>								
\$0 - \$20,000	644	6	470	108	480	108	452	103
\$20,000–\$40,000	1,127	10	508	105	507	106	486	106
\$40,000–\$60,000	1,276	11	531	106	531	107	508	104
\$60,000–\$80,000	1,554	13	543	100	546	100	522	100
\$80,000–\$100,000	1,707	15	552	99	558	98	531	99
\$100,000–\$120,000	1,600	14	563	96	570	97	543	95
\$120,000–\$140,000	835	7	571	96	581	95	548	98
\$140,000–\$160,000	744	6	570	97	578	94	549	94
\$160,000–\$200,000	852	7	577	96	586	97	560	97
More than \$200,000	1,354	12	591	93	602	97	576	96
No Response	5,560		570	110	577	112	553	110
<b>Highest Level of Parental Education</b>								
No High School Diploma	177	1	454	109	484	131	446	106
High School Diploma	2,658	16	502	101	507	103	481	99
Associate Degree	1,073	6	514	101	518	100	490	98
Bachelor's Degree	6,453	39	555	97	562	101	536	98
Graduate Degree	6,343	38	595	101	599	102	576	101
No Response	549		510	113	525	106	494	108
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	4,892	30	557	104	563	105	537	102
Yes, As a Sophomore or Younger	3,312	20	546	97	555	103	527	99
Yes, As a Junior and As a Sophomore or Younger	5,460	34	595	100	599	101	579	100
No	2,501	15	497	101	500	101	470	97
No Response	1,088		534	110	550	110	518	106

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	3,792	44	46	54	620	635	604
Second Tenth	2,204	26	47	53	555	566	534
Second Fifth	1,378	16	52	48	521	529	499
Final Three Fifths	1,193	14	53	47	471	471	449
No Response	8,686		47	53	547	548	527

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	2,118	13	42	58	628	640	616
A (93–96)	5,179	31	42	58	595	605	580
A- (90–92)	3,546	21	47	53	557	567	537
B (80–89)	5,002	30	52	48	505	505	482
C (70–79)	753	5	63	37	449	440	421
D, E, or F (below 70)	20	0	80	20	421	410	391
No Response	635		55	45	538	535	509
<b>Mean Grade Point Average</b>	<b>All Students: 3.62</b>		<b>Male: 3.55</b>		<b>Female: 3.68</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	2.3	2.8	2.5	3.85	3.94	3.90
English and Language Arts	4.0	4.0	4.0	3.50	3.70	3.61
Foreign and Classical Languages	3.2	3.3	3.3	3.44	3.62	3.54
Mathematics	4.2	4.2	4.2	3.49	3.49	3.49
Natural Sciences	3.9	3.8	3.8	3.53	3.55	3.54
Social Sciences and History	3.7	3.7	3.7	3.63	3.65	3.64
<b>Total for All Subjects</b>	<b>21.3</b>	<b>21.8</b>	<b>21.5</b>			

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

## Course-Taking Patterns

Table 15: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,807	12	45	55	578	585	559	
4 Years	11,139	76	47	53	563	567	542	
3 Years	1,408	10	45	55	511	515	492	
2 Years	207	1	43	57	511	528	499	
1 Year	81	1	52	48	506	523	477	
1/2 Year or Less	102	1	54	46	464	485	431	
No Response	2,509		52	48	548	561	534	
AP <sup>®</sup> /Honors Courses	7,774	53	42	58	602	601	583	
<b>Course Work or Experience</b>								
English/Language Arts	13,605	97	46	54	558	562	538	
Journalism	1,175	8	36	64	558	544	541	
Creative Writing	2,747	20	40	60	550	539	530	
American Literature	9,102	65	47	53	564	566	544	
Composition/Writing	6,641	47	46	54	557	558	539	
British Literature	4,610	33	46	54	572	567	551	
World Literature	4,462	32	44	56	565	563	545	
Communications	1,451	10	50	50	543	551	528	
Public Speaking	4,047	29	47	53	561	564	543	
English As Second Language	411	3	45	55	473	540	470	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,676	32	48	52	592	616	571	
4 Years	8,569	58	46	54	549	545	529	
3 Years	1,204	8	44	56	505	501	484	
2 Years	177	1	43	57	509	519	495	
1 Year	70	0	51	49	508	525	480	
1/2 Year or Less	117	1	57	43	461	467	436	
No Response	2,440		51	49	551	562	536	
AP/Honors Courses	7,724	52	48	52	599	621	581	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	7,149	50	51	49	601	626	583	
Pre-calculus	4,187	29	43	57	533	524	512	
Geometry	2,718	19	42	58	487	463	461	
Algebra II	112	1	51	49	473	469	454	
Algebra I	24	0	63	38	496	468	470	

\*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

## Course-Taking Patterns

Table 16: Natural Sciences, Social Sciences and History

<b>Natural Sciences</b>		<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	2,766	19	48	52	593	613	572	
4 Years	8,160	56	47	53	564	567	545	
3 Years	2,874	20	45	55	525	517	502	
2 Years	437	3	47	53	523	526	502	
1 Year	187	1	46	54	515	520	493	
1/2 Year or Less	179	1	51	49	472	498	449	
No Response	2,650		51	49	547	558	532	
AP/Honors Courses	7,014	48	47	53	604	617	584	
<b>Course Work or Experience</b>								
Biology	13,810	97	47	53	558	563	538	
Chemistry	13,333	94	47	53	562	568	542	
Physics	10,432	74	50	50	574	587	555	
Geology, Earth, or Space Science	5,929	42	46	54	536	535	515	
Other Sciences	6,362	45	40	60	549	551	529	

  

<b>Social Sciences and History</b>		<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	1,866	13	46	54	586	590	566	
4 Years	8,385	57	48	52	568	572	548	
3 Years	3,619	25	45	55	534	541	514	
2 Years	548	4	47	53	514	521	493	
1 Year	116	1	58	42	517	534	492	
1/2 Year or Less	131	1	50	50	459	490	442	
No Response	2,588		51	49	547	558	531	
AP/Honors Courses	7,468	51	46	54	603	605	583	
<b>Course Work or Experience</b>								
U.S. History	13,496	95	47	53	560	565	539	
World History or Cultures	11,622	82	46	54	559	564	539	
U.S. Government or Civics	12,335	87	46	54	558	562	537	
Economics	6,683	47	48	52	561	567	540	
Geography	1,802	13	48	52	532	534	512	
Psychology	6,540	46	38	62	559	561	540	
European History	3,593	25	47	53	584	582	562	
Sociology	2,865	20	39	61	537	541	517	
Ancient History	1,698	12	52	48	565	565	546	
Other Courses	2,743	19	44	56	557	556	537	

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	1,838	13	42	58	606	614	592
4 Years	4,277	29	45	55	589	590	572
3 Years	5,337	36	48	52	555	564	534
2 Years	2,475	17	50	50	503	501	476
1 Year	386	3	50	50	484	486	451
1/2 Year or Less	342	2	52	48	461	483	433
No Response	2,598		52	48	547	559	531
AP/Honors Courses	3,981	27	43	57	614	618	599
<b>Course Work or Experience</b>							
Chinese	624	4	48	52	584	599	564
French	2,834	20	36	64	565	560	541
German	882	6	54	46	578	581	549
Greek	104	1	68	32	588	593	572
Hebrew	45	0	40	60	601	590	579
Italian	143	1	48	52	555	549	538
Japanese	107	1	44	56	569	585	541
Korean	18	0	6	94	500	561	504
Latin	1,729	12	55	45	597	594	574
Russian	62	0	48	52	558	563	538
Spanish	8,783	62	47	53	550	556	532
Other Languages	430	3	37	63	492	507	473

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	1,435	10	36	64	579	584	560	
4 Years	3,136	23	41	59	579	577	559	
3 Years	1,883	14	38	62	548	547	531	
2 Years	3,086	22	47	53	552	559	534	
1 Year	3,387	25	57	43	558	571	536	
1/2 Year or Less	888	6	62	38	535	539	509	
No Response	3,438		51	49	541	550	523	
AP/Honors Courses	1,253	9	37	63	606	606	589	
<b>Course Work or Experience</b>								
Acting or Play Production	2,944	21	33	67	583	567	561	
Art History or Appreciation	2,414	18	42	58	545	542	527	
Dance	1,142	8	11	89	545	540	535	
Drama: Study or Appreciation	2,035	15	31	69	565	551	547	
Music: Study or Appreciation	2,077	15	51	49	568	566	549	
Music Performance	6,859	50	43	57	575	578	554	
Photography or Film	3,088	22	35	65	549	547	533	
Studio Art and Design	4,312	31	38	62	565	565	549	
None	1,322	10	65	35	519	535	494	

<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	1,526	60	52	48	601	616	585
Computer Programming	531	21	72	28	614	646	593
Word Processing	1,426	57	51	49	601	616	585
Internet Activity	1,133	45	51	49	606	617	587
Using Computer Graphics	846	34	55	45	597	617	581
Creating Spreadsheets/Databases	924	37	51	49	602	620	586
None	459	18	39	61	604	615	590

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
2,983	7,470	2,395	660	679	649

  

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	354	12
2	1,238	42
3	1,035	35
4 or More	356	12

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	737	656	87	606	681	80	654	79	666	80	
<b>History and Social Studies</b>											
U.S. History	1,015	677	88	848	674	80	672	79	662	82	
World History	172	610	97	154	656	82	642	83	644	87	
<b>Mathematics</b>											
Mathematics Level 1	878	656	86	688	639	90	664	80	629	85	
Mathematics Level 2	1,774	708	78	1,455	671	84	708	65	661	82	
<b>Science</b>											
Biology-E	278	650	82	222	656	83	673	81	645	82	
Biology-M	481	689	79	408	677	84	696	74	670	80	
Chemistry	1,114	682	92	902	666	87	702	73	657	85	
Physics	557	684	85	455	667	90	715	62	649	83	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	18	629		14	611		659		594		
French	99	627	110	86	690	84	672	73	679	81	
French/Listening	15	592		13	648		621		662		
German	10	595		10	677		695		687		
German/Listening	4			4							
Modern Hebrew	4			3							
Italian	3			2							
Japanese/Listening	9	631		8	614		695		599		
Korean/Listening	7	781		5	616		730		652		
Latin	82	594	104	65	687	90	679	84	676	86	
Spanish	183	595	109	154	663	81	664	86	663	86	
Spanish/Listening	30	631	106	29	671	86	661	65	679	89	

## 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	102	14	262	26	19	11
700-740	184	25	233	23	19	11
650-690	166	23	189	19	18	10
600-640	113	15	151	15	33	19
550-590	91	12	92	9	36	21
500-540	37	5	51	5	29	17
450-490	28	4	22	2	14	8
400-440	11	1	11	1	3	2
350-390	5	1	3	0	1	1
300-340			1	0		
250-290						
200-240						
Total	737		1,015		172	
Mean	656		677		610	
SD	87		88		97	
75th percentile	720		750		680	
50th percentile	670		690		600	
25th percentile	600		620		540	

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	119	14	714	40	33	12	127	26	336	30	165	30
700-740	231	26	321	18	54	19	126	26	262	24	117	21
650-690	174	20	325	18	75	27	110	23	168	15	94	17
600-640	149	17	253	14	52	19	59	12	144	13	93	17
550-590	107	12	119	7	35	13	35	7	88	8	50	9
500-540	55	6	28	2	16	6	16	3	68	6	25	4
450-490	22	3	12	1	9	3	4	1	35	3	8	1
400-440	14	2	2	0	2	1	1	0	12	1	5	1
350-390	7	1			2	1	2	0	1	0		
300-340							1	0				
250-290												
200-240												
Total	878		1,774		278		481		1,114		557	
Mean	656		708		650		689		682		684	
SD	86		78		82		79		92		85	
75th percentile	720		780		710		750		760		750	
50th percentile	670		720		660		700		700		700	
25th percentile	600		650		600		650		620		630	

SAT Subject Tests Score Distributions

Table 23: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	5	28	17	17	1	7	2	20				
700-740	2	11	14	14	4	27	1	10			1	25
650-690	1	6	17	17			2	20			1	25
600-640	2	11	12	12	2	13						
550-590	1	6	15	15	4	27			1	25		
500-540	2	11	12	12			1	10				
450-490	4	22	6	6	2	13	3	30	2	50	2	50
400-440	1	6	3	3	1	7			1	25		
350-390			3	3	1	7	1	10				
300-340												
250-290												
200-240												
Total	18		99		15		10		4		4	
Mean	629		627		592		595					
SD			110									
75th percentile			720									
50th percentile			630									
25th percentile			540									

Table 24: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	33	4	44	7	100	6	7	18	10	4	13
700-740	1	33					10	12	19	10	3	10
650-690			1	11			10	12	29	16	7	23
600-640							15	18	32	17	6	20
550-590			1	11			15	18	24	13	5	17
500-540							7	9	23	13	1	3
450-490			2	22			14	17	24	13	2	7
400-440	1	33					5	6	8	4	1	3
350-390			1	11					5	3	1	3
300-340									1	1		
250-290												
200-240												
Total	3		9		7		82		183		30	
Mean			631		781		594		595		631	
SD							104		109		106	
75th percentile							670		670		680	
50th percentile							590		600		630	
25th percentile							500		500		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	98	1	508	514	486
Architecture and Related Services	204	1	545	576	534
Area, Ethnic, Cultural and Gender Studies	20	0	609	565	572
Biological and Biomedical Sciences	1,221	8	586	589	569
Business Management, Marketing, and Related Support Services	1,715	11	539	555	524
Communication, Journalism and Related Programs	402	3	551	520	538
Computer and Information Sciences and Support Services	521	3	581	599	549
Construction Trades	9	0	501	480	467
Education	635	4	528	526	512
Engineering	2,303	15	585	624	559
Engineering Technologies/Technicians	149	1	537	574	504
English Language and Literature/Letters	234	1	618	552	595
Family and Consumer Sciences/Human Sciences	31	0	492	486	465
Foreign Languages, Literatures, and Linguistics	144	1	595	566	578
Health Professions and Related Clinical Services	2,711	17	540	550	530
History	156	1	589	534	544
Legal Professions and Studies	334	2	575	551	546
Liberal Arts and Sciences, General Studies, and Humanities	101	1	591	557	574
Library Science And Administration	2	0			
Mathematics and Statistics	163	1	592	646	571
Mechanic and Repair Technologies/Technician	11	0	434	445	410
Military Technologies And Applied Sciences	66	0	537	533	498
Multi/Interdisciplinary Studies	137	1	621	615	608
Natural Resources and Conservation	93	1	555	554	530
Parks, Recreation, Leisure and Fitness Studies	77	0	476	497	459
Personal and Culinary Services	42	0	482	476	453
Philosophy and Religious Studies	37	0	570	546	514
Physical Sciences	302	2	609	627	578
Precision Production	1	0			
Psychology	619	4	547	526	529
Public Administration and Social Services Professions	59	0	527	515	515
Security and Protective Services	276	2	503	498	475
Social Sciences	322	2	608	580	585
Theology and Religious Vocations	36	0	592	556	567
Transportation and Materials Moving	3	0			
Visual and Performing Arts	1,112	7	552	529	530
Other	174	1	506	507	481
Undecided	1,144	7	584	588	565
<b>Degree-Level Goal</b>					
Certificate Program	65	0	493	494	472
Associate Degree	86	1	449	441	423
Bachelor's Degree	4,796	31	525	528	503
Master's Degree	4,821	31	559	568	541
Doctoral or Related Degree	3,920	25	589	595	571
Other	36	0	484	491	472
Undecided	1,860	12	574	573	550

## College Plans

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

Of the 17,841 students from your state who took the SAT and/or an SAT Subject Test, 11,376 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 1,430 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Ohio State University: Columbus Campus	OH	Public	4,376	38.5
University of Cincinnati	OH	Public	2,728	24.0
Miami University: Oxford	OH	Public	2,309	20.3
Ohio University	OH	Public	1,682	14.8
Case Western Reserve University	OH	Private	1,342	11.8
Kent State University	OH	Public	1,122	9.9
University of Dayton	OH	Private	1,076	9.5
Bowling Green State University	OH	Public	857	7.5
University of Akron	OH	Public	814	7.2
University of Michigan	MI	Public	811	7.1
Northwestern Univ - Ctr for Talent Dev Prog	IL	Scholarship	795	7.0
Purdue University	IN	Public	695	6.1
Wright State University	OH	Public	662	5.8
NMSC Scholarship Admin	IL	Scholarship	661	5.8
Northwestern University	IL	Private	628	5.5
Cornell University	NY	Private	627	5.5
Xavier University	OH	Private	606	5.3
Cleveland State University	OH	Public	584	5.1
Harvard College	MA	Private	577	5.1
University of Toledo	OH	Public	526	4.6
Princeton University	NJ	Private	516	4.5
University of Pennsylvania	PA	Private	512	4.5
Carnegie Mellon University	PA	Private	503	4.4
Stanford University	CA	Private	494	4.3
Vanderbilt University	TN	Private	474	4.2
University of Kentucky	KY	Public	456	4.0
NCAA Eligibility Center	IN	Public	454	4.0
University of Chicago	IL	Private	432	3.8
Duke University	NC	Private	420	3.7
Indiana University Bloomington	IN	Public	404	3.6
University of Notre Dame	IN	Private	399	3.5
Massachusetts Institute of Technology	MA	Private	399	3.5
Washington University in St. Louis	MO	Private	395	3.5
Yale University	CT	Private	395	3.5
New York University	NY	Private	375	3.3
University of Pittsburgh	PA	Private	367	3.2
Columbia University	NY	Private	356	3.1
John Carroll University	OH	Private	348	3.1
Northern Kentucky University	KY	Public	330	2.9
University of North Carolina at Chapel Hill	NC	Public	324	2.8
Georgetown University	DC	Private	317	2.8
University of Virginia	VA	Public	299	2.6
Baldwin Wallace University	OH	Private	298	2.6
Brown University	RI	Private	290	2.5
Johns Hopkins University	MD	Private	280	2.5

\*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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