

# SAT<sup>®</sup>

2016 College-Bound Seniors

# State Profile Report



INDIANA

## 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 2016 who took the pre-March 2016 SAT or SAT Subject Tests at any time during high school. ***Data and other information in this report are embargoed from dissemination to the media and general public until after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2016.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions, please contact the College Board communications department at [communications@collegeboard.org](mailto:communications@collegeboard.org).

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# The SAT® Program

The SAT® assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2016* includes students who tested through January 2016. The College Board administered the first redesigned SAT in March 2016. While a majority of the Class of 2016 took only the pre-March 2016 SAT, a small percentage took the new SAT. The report includes senior test-takers in this class who took the SAT prior to March 2016. To help schools with the transition to the new SAT, we have included an addendum on results from the March - June 2016 administrations.

## Using This Report

*College-Bound Seniors* presents data on high school graduates in the year 2016 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

## Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board website at [www.collegeboard.org](http://www.collegeboard.org).

### Mean

The *mean* is the arithmetic average.

### Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

### Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses a 200- to 800-point scale.

### Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

## About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit [www.collegeboard.org](http://www.collegeboard.org).

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2016

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488
2014	499	495	497	530	499	513	481	492	487
2015	497	493	495	527	496	511	478	490	484
2016	495	493	494	524	494	508	475	487	482

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2016, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to 2015 include students testing through June. Cohort data presented for 2016 includes test-takers through January 2016. For further information see [www.collegeboard.org/cbs](http://www.collegeboard.org/cbs).

# Table of Contents

## SAT®

SAT Data	Page 1
----------	--------

---

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity	Page 3
---	--------

---

Table 8: Total Mean Scores by Ethnicity
Table 9: Male Mean Scores by Ethnicity
Table 10: Female Mean Scores by Ethnicity

SAT: Student Background Information and Characteristics	Page 4
---	--------

---

Table 11: Student Background Information and Characteristics
--

## Academic Information

Academic Record	Page 5
-----------------	--------

---

Table 12: High School Rank
Table 13: High School Grade Point Average
Table 14: Average Years of Study in Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

---

Table 15: English, Mathematics
Table 16: Natural Sciences, Social Sciences and History
Table 17: Foreign and Classical Languages
Table 18: Arts and Music

## SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

---

Table 19: Number of Test-Takers and Tests for SAT Subject Tests
Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

---

Table 21: English, History and Social Studies
Table 22: Mathematics, Science
Table 23: Foreign and Classical Languages
Table 24: Foreign and Classical Languages (continued)

## College Plans

Intended College Major, Degree-Level Goal	Page 13
---	---------

---

Table 25: Intended College Major, Degree-Level Goal
---

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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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 2016. Information is summarized for seniors who took the SAT at any time during their high school years through January 2016. If a student took the pre-March 2016 SAT more than once, the most recent score is used. A small percentage of seniors take their first SAT between March and June of their senior years.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	44,333	496	100	499	104	477	96	48.3	9.9	6.8	1.4

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	19,501	502	102	518	108	471	96	48.1	9.9	6.5	1.5
Female	24,832	492	99	485	98	482	95	48.4	9.9	6.9	1.3

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the pre-March 2016 SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2015-2016)	25,890	484	94	485	98	465	90	47.0	9.4	6.7	1.4
Junior (2014-2015)	18,317	513	106	519	108	494	100	50.1	10.4	6.8	1.4
Sophomore (2013-2014)	113	540	105	566	94	523	102	53.6	10.5	6.9	1.3
Freshman (2012-2013)	13	523		537		508		52.8		6.5	
Total	44,333	496	100	499	104	477	96	48.3	9.9	6.8	1.4

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,637,589	494	117	508	121	482	115	48.4	11.7	6.9	1.7

## SAT Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	560	570	540	570	590	560
50th	490	500	470	490	500	480
25th	430	430	410	410	420	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	625	679	1,304	995	468	1,463	294	431	725
600-690	2,893	3,049	5,942	3,638	2,916	6,554	1,675	2,579	4,254
500-590	6,504	7,879	14,383	6,655	7,617	14,272	5,595	7,671	13,266
400-490	6,818	9,354	16,172	5,802	9,369	15,171	7,785	9,677	17,462
300-390	2,213	3,368	5,581	2,034	3,895	5,929	3,637	4,061	7,698
200-290	448	503	951	377	567	944	515	413	928

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	39,425	90	43	57	491	495	472
Religiously Affiliated	3,499	8	49	51	530	531	511
Independent	740	2	54	46	563	569	553
Other or Unknown	669		46	54	554	514	521

## 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	153	0	468	92	467	90	452	86
Asian or Asian American	1,374	3	512	130	562	135	505	132
Black or African American	3,776	9	424	92	417	91	412	84
Native Hawaiian or Pacific Islander	7	0	446		464		427	
Hispanic, Latino, or Latin American	3,513	8	454	95	450	97	437	89
White	33,490	76	508	95	512	98	488	92
Two or More Races, non-Hispanic	822	2	490	94	481	97	466	91
Other	380	1	497	112	495	113	479	103
No Response	818	2	498	110	484	111	471	106
Total	44,333	100	496	100	499	104	477	96

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	63	0	472	102	481	96	445	91
Asian or Asian American	646	1	515	129	577	136	499	133
Black or African American	1,561	4	424	95	422	96	404	83
Native Hawaiian or Pacific Islander	5	0	468		466		428	
Hispanic, Latino, or Latin American	1,452	3	455	97	465	104	429	91
White	14,860	34	514	96	532	100	482	92
Two or More Races, non-Hispanic	341	1	495	93	497	99	454	90
Other	166	0	504	118	513	121	479	109
No Response	407	1	505	112	502	114	470	109
Total	19,501	44	502	102	518	108	471	96

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	90	0	466	84	457	83	458	81
Asian or Asian American	728	2	510	130	548	133	511	131
Black or African American	2,215	5	424	91	413	87	418	84
Native Hawaiian or Pacific Islander	2	0						
Hispanic, Latino, or Latin American	2,061	5	454	94	439	90	442	87
White	18,630	42	504	94	497	93	493	91
Two or More Races, non-Hispanic	481	1	486	94	470	95	475	90
Other	214	0	491	107	482	104	479	98
No Response	411	1	490	108	466	105	472	103
Total	24,832	56	492	99	485	98	482	95

## 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	44,333	100	496	100	499	104	477	96
<b>First Language Learned</b>								
English	39,944	91	499	98	501	101	480	94
English and Another	2,627	6	471	112	477	118	459	109
Another Language	1,553	4	454	114	486	129	447	112
No Response	209		500	113	492	110	465	111
<b>Citizenship</b>								
U.S. Citizen / U.S. National	43,028	98	498	99	500	103	478	95
U.S. Permanent Resident or Refugee	584	1	442	123	468	128	435	118
Citizen of Another Country	370	1	462	117	532	140	462	122
Other, Unknown, or No Response	351		433	105	447	117	423	99
<b>Plans to Apply for Financial Aid</b>								
Yes	32,585	80	497	99	498	102	478	94
No	2,198	5	509	96	525	102	494	94
Don't Know	5,871	14	497	102	506	108	478	99
No Response	3,679		479	109	484	112	459	103
<b>Family Income</b>								
Less than \$20,000	2,745	9	445	96	441	96	429	88
About \$20,000 to \$40,000	4,727	15	467	92	465	92	447	85
About \$40,001 to \$60,000	4,745	15	488	93	486	95	467	89
About \$60,001 to \$80,000	5,023	16	497	92	499	93	476	88
About \$80,001 to \$100,000	4,964	16	507	92	514	94	487	88
About \$100,001 to \$140,000	5,376	17	520	91	528	95	500	89
About \$140,001 to \$200,000	2,445	8	530	94	540	97	514	91
More than \$200,000	1,707	5	548	94	564	98	533	95
No Response	12,601		493	109	496	114	475	103
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,580	4	422	90	424	94	410	82
High School Diploma	13,471	32	466	92	466	93	448	85
Associate Degree	5,155	12	477	86	479	90	458	81
Bachelor's Degree	14,703	34	515	92	521	97	496	90
Graduate Degree	7,755	18	550	101	555	105	530	100
No Response	1,669		448	114	451	115	430	107
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	4,177	13	500	101	506	107	483	97
Yes, As a Sophomore or Younger	12,398	37	496	93	502	97	478	88
Yes, As a Junior and As a Sophomore or Younger	14,058	42	534	98	541	99	517	94
No	2,727	8	455	103	456	101	436	92
No Response	10,973		456	91	450	91	434	83

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	7,111	29	39	61	574	589	558
Second Tenth	6,535	26	42	58	510	520	492
Second Fifth	5,126	21	47	53	482	489	463
Final Three Fifths	5,932	24	47	53	439	436	421
No Response	19,629		45	55	484	482	464

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)	2,818	7	37	63	600	613	585
A (93–96)	8,362	19	37	63	557	570	542
A- (90–92)	7,701	18	41	59	519	528	501
B (80–89)	19,055	44	46	54	468	467	447
C (70–79)	4,825	11	55	45	417	409	397
D, E, or F (below 70)	139	0	59	41	383	384	363
No Response	1,433		51	49	469	457	442
<b>Mean Grade Point Average</b>	<b>All Students: 3.33</b>		<b>Male: 3.24</b>		<b>Female: 3.40</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	2.0	2.5	2.3	3.78	3.88	3.84
English and Language Arts	3.8	3.8	3.8	3.31	3.52	3.43
Foreign and Classical Languages	2.8	3.0	2.9	3.20	3.42	3.33
Mathematics	3.8	3.8	3.8	3.15	3.20	3.18
Natural Sciences	3.4	3.4	3.4	3.27	3.30	3.29
Social Sciences and History	3.3	3.2	3.2	3.46	3.47	3.47
<b>Total for All Subjects</b>	<b>19.1</b>	<b>19.7</b>	<b>19.4</b>			

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

## Academic Information

## Course-Taking Patterns

Table 15: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	4,362	12	39	61	519	522	503
4 Years	27,312	73	43	57	509	512	489
3 Years	3,256	9	43	57	468	467	450
2 Years	735	2	42	58	476	479	461
1 Year	554	1	41	59	459	463	438
1/2 Year or Less	1,320	4	45	55	415	422	398
No Response	6,794		51	49	464	468	446
AP <sup>®</sup> /Honors Courses	17,478	47	37	63	544	544	525
<b>Course Work or Experience</b>							
English/Language Arts	38,998	99	43	57	498	500	479
Journalism	3,694	9	28	72	508	492	493
Creative Writing	5,875	15	35	65	505	490	486
American Literature	17,116	43	42	58	508	510	489
Composition/Writing	19,360	49	41	59	509	510	491
British Literature	4,780	12	41	59	528	525	506
World Literature	6,325	16	44	56	514	514	494
Communications	2,993	8	44	56	496	496	477
Public Speaking	11,303	29	41	59	514	515	494
English As Second Language	1,125	3	41	59	420	448	416

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	8,619	22	44	56	539	559	520
4 Years	22,609	57	43	57	504	504	484
3 Years	5,164	13	43	57	457	446	437
2 Years	735	2	44	56	456	457	440
1 Year	591	1	48	52	456	469	434
1/2 Year or Less	1,839	5	43	57	418	415	403
No Response	4,776		49	51	465	469	449
AP/Honors Courses	16,282	41	43	57	544	563	525
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	11,496	28	48	52	558	587	538
Pre-calculus	16,688	41	40	60	496	495	477
Geometry	11,810	29	43	57	446	430	426
Algebra II	325	1	50	50	423	401	403
Algebra I	95	0	45	55	383	344	375

\*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	3,552	10	41	59	536	549	518
4 Years	16,122	44	44	56	520	525	500
3 Years	13,081	35	41	59	487	485	468
2 Years	1,953	5	46	54	470	470	451
1 Year	788	2	43	57	470	478	448
1/2 Year or Less	1,504	4	42	58	422	426	408
No Response	7,333		50	50	466	470	448
AP/Honors Courses	12,665	34	41	59	553	564	533
<b>Course Work or Experience</b>							
Biology	38,382	97	43	57	497	500	478
Chemistry	35,814	90	43	57	504	508	485
Physics	18,010	45	52	48	517	529	495
Geology, Earth, or Space Science	14,623	37	46	54	477	473	457
Other Sciences	18,432	46	35	65	498	497	480

  

<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	2,431	7	42	58	522	522	503
4 Years	13,634	37	44	56	514	511	493
3 Years	14,693	40	42	58	504	511	485
2 Years	3,554	10	43	57	482	488	464
1 Year	871	2	41	59	460	468	442
1/2 Year or Less	1,382	4	42	58	421	425	406
No Response	7,768		51	49	467	471	449
AP/Honors Courses	12,774	35	41	59	552	555	531
<b>Course Work or Experience</b>							
U.S. History	38,623	98	43	57	498	501	479
World History or Cultures	29,925	76	44	56	504	506	484
U.S. Government or Civics	33,187	84	42	58	503	506	483
Economics	31,193	79	42	58	503	507	484
Geography	14,599	37	44	56	491	495	473
Psychology	14,411	36	33	67	514	508	495
European History	2,668	7	47	53	547	544	525
Sociology	7,737	20	32	68	498	490	479
Ancient History	1,869	5	49	51	515	511	492
Other Courses	3,093	8	42	58	514	508	494

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	2,435	7	36	64	557	562	541
4 Years	8,877	24	38	62	538	539	520
3 Years	16,184	44	42	58	510	518	490
2 Years	4,963	13	48	52	457	451	435
1 Year	1,813	5	50	50	433	428	412
1/2 Year or Less	2,569	7	49	51	420	421	401
No Response	7,492		51	49	465	469	446
AP/Honors Courses	6,110	17	37	63	560	567	545
<b>Course Work or Experience</b>							
Chinese	829	2	47	53	492	496	469
French	6,114	16	34	66	507	500	488
German	3,325	9	56	44	514	513	486
Greek	91	0	46	54	514	488	494
Hebrew	60	0	47	53	443	449	434
Italian	80	0	41	59	429	432	417
Japanese	656	2	48	52	517	515	484
Korean	51	0	39	61	398	400	386
Latin	1,774	5	45	55	528	519	505
Russian	106	0	40	60	473	463	455
Spanish	29,136	76	43	57	497	502	479
Other Languages	967	3	32	68	477	476	456

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

<b>Arts and Music</b> <b>Years of Study</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,441	11	32	68	514	507	493
4 Years	4,321	19	32	68	517	507	497
3 Years	2,941	13	32	68	491	485	472
2 Years	4,804	21	41	59	492	494	474
1 Year	5,561	24	50	50	499	511	480
1/2 Year or Less	2,880	13	52	48	449	452	428
No Response	21,385		47	53	497	503	479
AP/Honors Courses	1,651	7	33	67	536	527	515
<b>Course Work or Experience</b>							
Acting or Play Production	6,034	16	32	68	534	517	511
Art History or Appreciation	5,543	15	39	61	505	502	487
Dance	3,856	11	13	87	492	486	480
Drama: Study or Appreciation	4,906	13	30	70	516	501	498
Music: Study or Appreciation	5,123	14	46	54	521	512	501
Music Performance	16,229	44	38	62	517	515	497
Photography or Film	7,315	20	29	71	503	497	487
Studio Art and Design	8,040	22	36	64	520	519	501
None	6,663	18	56	44	466	478	446

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
1,427	3,702	1,140	626	646	617

  

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	113	8
2	511	36
3	690	48
4 or More	113	8

Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

Most, but not all, students who take SAT Subject Tests also take the SAT. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT scores for those students who also took the pre-March 2016 SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	585	546	140	398	604	141	586	135	594	136	
<b>History and Social Studies</b>											
U.S. History	496	542	154	339	613	136	613	136	604	131	
World History	85	639	111	79	669	111	672	110	666	106	
<b>Mathematics</b>											
Mathematics Level 1	584	530	138	377	557	137	575	136	553	130	
Mathematics Level 2	749	692	116	675	660	101	702	90	650	95	
<b>Science</b>											
Biology-E	162	559	132	120	607	130	607	128	595	127	
Biology-M	191	652	128	163	653	104	663	109	646	101	
Chemistry	370	666	121	319	665	102	703	97	657	94	
Physics	245	677	94	230	663	92	721	74	648	84	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	12	753		11	654		715		640		
French	48	622	110	46	636	98	643	94	640	88	
French/Listening	25	627	116	24	648		617		640		
German	6	550		5	680		658		658		
German/Listening	6	602		6	657		650		668		
Modern Hebrew											
Italian	2			2							
Japanese/Listening	9	630		8	543		616		569		
Korean/Listening	4			4							
Latin	11	558		11	670		652		678		
Spanish	95	620	125	84	635	115	636	104	631	111	
Spanish/Listening	17	604		17	635		646		619		

## 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	39	7	50	10	15	18
700-740	82	14	71	14	15	18
650-690	69	12	49	10	15	18
600-640	46	8	50	10	13	15
550-590	43	7	25	5	15	18
500-540	45	8	23	5	2	2
450-490	70	12	32	6	2	2
400-440	103	18	66	13	4	5
350-390	58	10	93	19	4	5
300-340	28	5	32	6		
250-290	2	0	5	1		
200-240						
Total	585		496		85	
Mean	546		542		639	
SD	140		154		111	
75th percentile	680		690		710	
50th percentile	530		530		660	
25th percentile	420		390		580	

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	40	7	343	46	10	6	52	27	118	32	68	28
700-740	61	10	96	13	18	11	36	19	70	19	51	21
650-690	59	10	98	13	28	17	31	16	63	17	44	18
600-640	51	9	69	9	18	11	24	13	33	9	32	13
550-590	41	7	51	7	12	7	14	7	21	6	28	11
500-540	46	8	25	3	19	12	8	4	13	4	9	4
450-490	76	13	30	4	18	11	5	3	16	4	10	4
400-440	93	16	18	2	19	12	9	5	29	8	2	1
350-390	93	16	11	1	12	7	5	3	6	2	1	0
300-340	18	3	8	1	7	4	7	4	1	0		
250-290	6	1			1	1						
200-240												
Total	584		749		162		191		370		245	
Mean	530		692		559		652		666		677	
SD	138		116		132		128		121		94	
75th percentile	660		790		670		750		770		750	
50th percentile	500		730		570		690		700		690	
25th percentile	410		630		450		590		600		620	

**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	6	50	7	15	4	16						
700-740	5	42	7	15	4	16	1	17	2	33		
650-690			7	15	3	12			1	17		
600-640	1	8	8	17	6	24			1	17		
550-590			9	19	2	8	3	50	1	17		
500-540			3	6	2	8						
450-490			3	6	2	8	1	17				
400-440			1	2	1	4						
350-390			3	6	1	4	1	17				
300-340									1	17		
250-290												
200-240												
Total	12		48		25		6		6			
Mean	753		622		627		550		602			
SD			110		116							
75th percentile			710		720							
50th percentile			630		620							
25th percentile			560		530							

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	50	4	44	3	75	1	9	19	20	2	12
700-740	1	50	1	11	1	25	2	18	11	12		
650-690			1	11					11	12	3	18
600-640									19	20	5	29
550-590							2	18	12	13	4	24
500-540							2	18	7	7		
450-490			1	11			2	18	5	5	1	6
400-440							2	18	6	6	1	6
350-390			1	11					2	2	1	6
300-340			1	11					3	3		
250-290												
200-240												
Total	2		9		4		11		95		17	
Mean			630				558		620		604	
SD									125			
75th percentile									730			
50th percentile									620			
25th percentile									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	670	2	474	483	455
Architecture and Related Services	456	1	493	519	477
Area, Ethnic, Cultural and Gender Studies	39	0	535	478	508
Biological and Biomedical Sciences	2,195	6	534	534	511
Business Management, Marketing, and Related Support Services	4,428	11	496	512	478
Communication, Journalism and Related Programs	926	2	513	487	497
Computer and Information Sciences and Support Services	1,314	3	531	542	489
Construction Trades	69	0	432	448	397
Education	2,403	6	481	475	468
Engineering	3,459	9	526	564	495
Engineering Technologies/Technicians	478	1	484	512	453
English Language and Literature/Letters	371	1	574	516	548
Family and Consumer Sciences/Human Sciences	155	0	444	444	436
Foreign Languages, Literatures, and Linguistics	232	1	555	518	527
Health Professions and Related Clinical Services	9,451	24	483	488	475
History	288	1	538	496	496
Legal Professions and Studies	723	2	507	499	482
Liberal Arts and Sciences, General Studies, and Humanities	167	0	523	503	506
Library Science And Administration	13	0	545	477	492
Mathematics and Statistics	297	1	518	583	502
Mechanic and Repair Technologies/Technician	109	0	429	442	410
Military Technologies And Applied Sciences	150	0	481	475	450
Multi/Interdisciplinary Studies	165	0	579	584	558
Natural Resources and Conservation	248	1	499	498	475
Parks, Recreation, Leisure and Fitness Studies	304	1	450	463	435
Personal and Culinary Services	126	0	451	440	429
Philosophy and Religious Studies	102	0	509	494	489
Physical Sciences	502	1	553	566	521
Precision Production	11	0	406	477	391
Psychology	1,739	4	507	485	487
Public Administration and Social Services Professions	256	1	477	457	462
Security and Protective Services	1,178	3	459	458	435
Social Sciences	502	1	548	517	523
Theology and Religious Vocations	131	0	539	526	517
Transportation and Materials Moving	28	0	474	513	451
Visual and Performing Arts	2,487	6	510	490	488
Other	862	2	459	459	441
Undecided	2,146	5	515	519	493
<b>Degree-Level Goal</b>					
Certificate Program	279	1	423	417	402
Associate Degree	810	2	420	418	400
Bachelor's Degree	16,366	40	482	485	462
Master's Degree	10,884	27	511	515	493
Doctoral or Related Degree	7,502	18	532	537	515
Other	188	0	400	400	394
Undecided	4,790	12	491	490	469

## College Plans

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

Of the 44,620 students from your state who took the SAT and/or an SAT Subject Test, 32,015 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 1,753 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Indiana University Bloomington	IN	Public	13,351	41.7
Ball State University	IN	Public	11,796	36.8
Purdue University	IN	Public	10,619	33.2
Indiana University-Purdue University Indianapolis	IN	Public	8,403	26.2
Indiana State University	IN	Public	5,131	16.0
Butler University	IN	Private	3,920	12.2
University of Indianapolis	IN	Private	2,785	8.7
University of Southern Indiana	IN	Public	2,369	7.4
Indiana University-Purdue University Fort Wayne	IN	Public	2,304	7.2
Valparaiso University	IN	Private	1,593	5.0
NCAA Eligibility Center	IN	Public	1,354	4.2
University of Notre Dame	IN	Private	1,351	4.2
Indiana University South Bend	IN	Public	1,133	3.5
University of Evansville	IN	Private	1,132	3.5
Northwestern Univ - Ctr for Talent Dev Prog	IL	Scholarship	1,083	3.4
Purdue University North Central	IN	Public	1,071	3.3
Indiana Wesleyan University	IN	Private	1,062	3.3
DePauw University	IN	Private	1,016	3.2
Grace College	IN	Private	949	3.0
Miami University: Oxford	OH	Public	918	2.9
Vincennes University	IN	Public	916	2.9
Hanover College	IN	Private	889	2.8
Rose-Hulman Institute of Technology	IN	Private	888	2.8
Manchester University	IN	Private	885	2.8
Anderson University	IN	Private	885	2.8
University of Kentucky	KY	Public	864	2.7
Marian University	IN	Private	848	2.6
University of Michigan	MI	Public	817	2.6
Trine University	IN	Private	802	2.5
Ohio State University: Columbus Campus	OH	Public	785	2.5
Purdue University Calumet	IN	Public	748	2.3
Franklin College	IN	Private	747	2.3
University of Cincinnati	OH	Public	724	2.3
Ivy Tech Community College: Central Indiana	IN	Public	723	2.3
Indiana University Kokomo	IN	Public	685	2.1
University of Chicago	IL	Private	640	2.0
Northwestern University	IL	Private	633	2.0
Bellarmino University	KY	Private	599	1.9
Xavier University	OH	Private	598	1.9
Taylor University	IN	Private	582	1.8
Indiana University Southeast	IN	Public	574	1.8
Indiana University Northwest	IN	Public	570	1.8
University of Louisville	KY	Public	562	1.8
University of St. Francis	IN	Private	536	1.7
University of Dayton	OH	Private	498	1.6

\*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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