

# SAT<sup>®</sup>

2016 College-Bound Seniors

# State Profile Report



HAWAII

## 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).

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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	7,553	491	105	511	109	476	103	47.3	10.3	7.1	1.6

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	3,267	493	107	523	112	469	103	46.8	10.2	6.9	1.6
Female	4,286	490	104	501	105	482	102	47.7	10.4	7.3	1.5

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the 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)	5,718	481	99	500	102	464	94	46.1	9.5	7.0	1.5
Junior (2014-2015)	1,826	524	118	545	120	514	116	51.2	11.7	7.4	1.6
Sophomore (2013-2014)	7	449		460		406		41.7		5.9	
Freshman (2012-2013)	2										
Total	7,553	491	105	511	109	476	103	47.3	10.3	7.1	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	1,637,589	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	580	540	570	590	560
50th	490	510	470	490	500	480
25th	420	440	400	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	126	143	269	214	161	375	63	123	186
600-690	450	535	985	648	663	1,311	327	469	796
500-590	941	1,292	2,233	1,042	1,342	2,384	819	1,218	2,037
400-490	1,178	1,573	2,751	964	1,449	2,413	1,269	1,608	2,877
300-390	491	638	1,129	340	582	922	674	771	1,445
200-290	81	105	186	59	89	148	115	97	212

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	4,778	64	41	59	468	487	450
Religiously Affiliated	1,093	15	44	56	525	546	519
Independent	1,607	21	49	51	535	558	525
Other or Unknown	75		41	59	534	516	504

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	19	0	504		491		481	
Asian or Asian American	3,576	47	488	103	525	109	478	101
Black or African American	101	1	460	103	465	106	450	104
Native Hawaiian or Pacific Islander	444	6	427	100	445	101	417	90
Hispanic, Latino, or Latin American	807	11	476	93	478	95	458	90
White	935	12	552	101	543	104	530	104
Two or More Races, non-Hispanic	1,386	18	485	97	495	100	464	95
Other	98	1	516	136	527	128	513	135
No Response	187	2	509	119	515	120	484	114
Total	7,553	100	491	105	511	109	476	103

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	7	0	540		520		499	
Asian or Asian American	1,553	21	492	105	537	112	472	101
Black or African American	49	1	453	103	478	110	437	111
Native Hawaiian or Pacific Islander	193	3	425	100	452	104	407	86
Hispanic, Latino, or Latin American	326	4	479	96	488	99	452	92
White	429	6	553	100	563	105	523	102
Two or More Races, non-Hispanic	593	8	482	100	505	104	451	95
Other	32	0	507	144	546	131	502	147
No Response	85	1	501	115	518	118	467	104
Total	3,267	43	493	107	523	112	469	103

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	12	0	483		474		470	
Asian or Asian American	2,023	27	486	102	516	106	482	100
Black or African American	52	1	468	102	453	100	463	95
Native Hawaiian or Pacific Islander	251	3	429	101	440	99	424	92
Hispanic, Latino, or Latin American	481	6	474	91	470	91	462	88
White	506	7	551	101	526	101	536	105
Two or More Races, non-Hispanic	793	10	487	94	487	96	473	93
Other	66	1	520	132	517	126	518	128
No Response	102	1	515	121	512	122	498	120
Total	4,286	57	490	104	501	105	482	102

## 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	7,553	100	491	105	511	109	476	103
<b>First Language Learned</b>								
English	5,963	79	497	103	512	106	481	101
English and Another	974	13	478	107	501	116	467	107
Another Language	591	8	453	115	520	118	447	109
No Response	25		480	107	473	120	447	110
<b>Citizenship</b>								
U.S. Citizen / U.S. National	7,143	95	495	103	511	107	479	101
U.S. Permanent Resident or Refugee	244	3	431	112	488	123	423	106
Citizen of Another Country	111	1	424	122	546	130	436	120
Other, Unknown, or No Response	55		437	132	494	125	444	118
<b>Plans to Apply for Financial Aid</b>								
Yes	5,830	87	489	103	507	106	473	99
No	220	3	510	105	535	113	500	98
Don't Know	670	10	489	108	517	114	477	106
No Response	833		501	119	524	121	488	120
<b>Family Income</b>								
Less than \$20,000	465	9	443	103	463	109	427	95
About \$20,000 to \$40,000	754	15	465	97	486	100	449	93
About \$40,001 to \$60,000	740	15	468	95	485	97	450	90
About \$60,001 to \$80,000	756	15	483	100	502	94	464	93
About \$80,001 to \$100,000	757	15	497	96	519	105	483	94
About \$100,001 to \$140,000	812	16	512	100	527	102	495	95
About \$140,001 to \$200,000	430	9	527	101	545	104	512	97
More than \$200,000	222	4	550	92	577	98	539	102
No Response	2,617		498	110	517	115	485	110
<b>Highest Level of Parental Education</b>								
No High School Diploma	173	2	436	105	487	112	424	98
High School Diploma	2,199	31	455	98	476	100	440	90
Associate Degree	945	13	464	86	481	96	449	85
Bachelor's Degree	2,488	35	508	98	529	103	492	98
Graduate Degree	1,358	19	550	107	563	110	535	107
No Response	390		474	105	492	114	463	103
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,146	23	504	100	528	98	491	93
Yes, As a Sophomore or Younger	1,040	20	510	102	534	105	496	100
Yes, As a Junior and As a Sophomore or Younger	2,128	42	538	102	564	103	529	101
No	772	15	453	101	473	99	437	89
No Response	2,467		449	91	459	93	427	84

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	1,091	32	38	62	555	581	541
Second Tenth	903	27	41	59	490	515	474
Second Fifth	701	21	50	50	465	486	448
Final Three Fifths	691	20	48	52	432	447	417
No Response	4,167		43	57	489	506	474

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)	476	7	36	64	561	586	549
A (93–96)	1,425	20	34	66	537	565	529
A- (90–92)	1,606	22	37	63	509	534	496
B (80–89)	3,105	43	48	52	467	483	448
C (70–79)	647	9	59	41	425	433	405
D, E, or F (below 70)	14	0	71	29	399	399	399
No Response	280		47	53	468	465	447
<b>Mean Grade Point Average</b>	<b>All Students: 3.39</b>		<b>Male: 3.28</b>		<b>Female: 3.47</b>		

Table 14: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.2	2.4	2.3	3.81	3.91	3.87
English and Language Arts	3.8	3.9	3.9	3.30	3.55	3.44
Foreign and Classical Languages	2.5	2.7	2.6	3.39	3.65	3.54
Mathematics	3.8	3.9	3.8	3.14	3.22	3.19
Natural Sciences	3.6	3.7	3.7	3.26	3.37	3.32
Social Sciences and History	3.7	3.8	3.7	3.41	3.55	3.49
<b>Total for All Subjects</b>	<b>19.6</b>	<b>20.4</b>	<b>20.0</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	513	8	40	60	524	547	514	
4 Years	5,135	80	42	58	496	514	479	
3 Years	401	6	45	55	456	472	440	
2 Years	102	2	40	60	454	487	453	
1 Year	67	1	36	64	454	470	427	
1/2 Year or Less	164	3	52	48	425	453	418	
No Response	1,171		48	52	483	507	472	
AP®/Honors Courses	2,396	38	34	66	535	547	520	
<b>Course Work or Experience</b>								
English/Language Arts	6,376	98	43	57	489	508	473	
Journalism	465	7	36	64	529	531	512	
Creative Writing	1,343	21	43	57	507	517	492	
American Literature	4,096	63	43	57	492	511	477	
Composition/Writing	4,240	65	42	58	486	503	469	
British Literature	1,604	25	41	59	492	505	475	
World Literature	1,863	29	44	56	493	506	477	
Communications	454	7	50	50	501	525	482	
Public Speaking	1,122	17	42	58	519	537	504	
English As Second Language	277	4	31	69	441	512	434	

<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	Writing
More Than 4 Years	1,102	17	43	57	527	565	514	
4 Years	4,170	63	42	58	497	515	481	
3 Years	1,004	15	45	55	452	450	431	
2 Years	76	1	36	64	445	463	443	
1 Year	69	1	52	48	455	504	445	
1/2 Year or Less	199	3	45	55	423	444	413	
No Response	933		49	51	489	511	477	
AP/Honors Courses	2,158	33	42	58	540	582	526	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,801	27	45	55	547	596	534	
Pre-calculus	1,889	28	42	58	497	516	482	
Geometry	2,954	44	42	58	450	452	433	
Algebra II	68	1	43	57	463	447	433	
Algebra I	12	0	50	50	388	380	366	

\*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	596	9	39	61	533	562	521	
4 Years	3,778	60	41	59	501	521	485	
3 Years	1,520	24	44	56	467	479	450	
2 Years	140	2	46	54	472	494	451	
1 Year	82	1	45	55	481	510	467	
1/2 Year or Less	169	3	46	54	426	452	415	
No Response	1,268		50	50	483	504	470	
AP/Honors Courses	2,090	33	40	60	542	573	526	
<b>Course Work or Experience</b>								
Biology	6,496	99	42	58	490	509	475	
Chemistry	6,192	94	42	58	493	513	477	
Physics	4,377	66	46	54	507	532	492	
Geology, Earth, or Space Science	2,081	32	43	57	483	493	466	
Other Sciences	3,290	50	37	63	481	496	465	

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	459	7	39	61	526	550	513	
4 Years	4,465	71	42	58	497	515	480	
3 Years	916	15	44	56	475	496	462	
2 Years	172	3	49	51	461	492	448	
1 Year	85	1	40	60	452	467	440	
1/2 Year or Less	151	2	51	49	429	454	418	
No Response	1,305		49	51	483	506	472	
AP/Honors Courses	1,876	30	36	64	544	559	527	
<b>Course Work or Experience</b>								
U.S. History	6,328	97	42	58	491	510	475	
World History or Cultures	5,957	91	42	58	488	507	472	
U.S. Government or Civics	3,615	55	43	57	489	503	469	
Economics	2,192	34	46	54	496	522	482	
Geography	826	13	45	55	469	481	454	
Psychology	3,321	51	38	62	487	504	470	
European History	803	12	43	57	540	551	529	
Sociology	1,451	22	40	60	467	485	450	
Ancient History	650	10	46	54	504	517	490	
Other Courses	3,141	48	41	59	493	515	478	

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	320	5	36	64	549	573	539
4 Years	1,142	18	37	63	539	561	531
3 Years	1,412	23	41	59	514	531	496
2 Years	2,767	44	44	56	469	488	451
1 Year	287	5	43	57	442	457	426
1/2 Year or Less	322	5	55	45	437	455	417
No Response	1,303		50	50	482	503	469
AP/Honors Courses	485	8	33	67	576	603	572
<b>Course Work or Experience</b>							
Chinese	357	6	39	61	522	573	513
French	502	8	35	65	517	520	495
German	44	1	34	66	530	521	498
Greek	9	0	33	67	486	511	450
Hebrew	8	0	25	75	504	526	480
Italian	21	0	38	62	539	520	508
Japanese	2,050	32	42	58	505	531	487
Korean	55	1	27	73	459	496	440
Latin	152	2	56	44	550	562	526
Russian	7	0	29	71	483	481	437
Spanish	2,954	46	42	58	484	495	469
Other Languages	1,033	16	40	60	459	481	447

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>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		441	9	36	64	534	545	520
4 Years		964	21	41	59	512	527	495
3 Years		540	12	38	62	495	508	477
2 Years		967	21	41	59	486	504	469
1 Year		1,010	22	45	55	473	497	457
1/2 Year or Less		743	16	47	53	454	473	436
No Response		2,888		45	55	495	518	482
AP/Honors Courses		185	4	37	63	549	545	534
<b>Course Work or Experience</b>								
Acting or Play Production		924	15	34	66	529	517	510
Art History or Appreciation		1,188	19	39	61	503	516	486
Dance		957	15	19	81	486	500	477
Drama: Study or Appreciation		780	13	29	71	518	509	500
Music: Study or Appreciation		654	11	46	54	514	523	499
Music Performance		2,845	46	43	57	511	529	494
Photography or Film		2,085	34	37	63	496	508	480
Studio Art and Design		1,634	26	35	65	508	521	492
None		947	15	53	47	453	480	436

## 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
781	1,882	728	617	652	612

  

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	103	13
2	347	44
3	257	33
4 or More	74	9

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	230	572	135	193	617	125	599	121	597	117	
<b>History and Social Studies</b>											
U.S. History	193	597	130	177	642	105	641	115	636	104	
World History	21	622		20	664		631		646		
<b>Mathematics</b>											
Mathematics Level 1	233	587	120	198	592	108	617	108	580	108	
Mathematics Level 2	469	672	99	451	630	93	689	80	629	90	
<b>Science</b>											
Biology-E	93	603	104	88	609	114	622	123	600	101	
Biology-M	179	658	96	175	633	88	675	88	633	85	
Chemistry	183	649	105	176	632	94	688	89	629	104	
Physics	169	642	104	161	636	101	699	89	631	96	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	25	694	86	25	631	103	670	72	629	92	
French	10	634		10	641		640		666		
French/Listening	5	586		5	686		666		662		
German											
German/Listening	1			1							
Modern Hebrew											
Italian	1			1							
Japanese/Listening	36	675	128	36	604	107	664	93	619	102	
Korean/Listening	7	776		7	574		647		581		
Latin	5	586		5	672		664		680		
Spanish	18	601		17	630		651		648		
Spanish/Listening	4			4							

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	17	7	24	12	5	24
700-740	31	13	21	11	2	10
650-690	35	15	37	19	2	10
600-640	33	14	34	18	3	14
550-590	25	11	20	10	2	10
500-540	19	8	11	6	3	14
450-490	19	8	10	5	2	10
400-440	17	7	13	7	2	10
350-390	21	9	18	9		
300-340	12	5	5	3		
250-290	1	0				
200-240						
Total	230		193		21	
Mean	572		597		622	
SD	135		130			
75th percentile	680		680		700	
50th percentile	600		620		600	
25th percentile	460		500		500	

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	10	4	129	28	4	4	29	16	36	20	30	18
700-740	35	15	84	18	10	11	47	26	36	20	33	20
650-690	47	20	87	19	22	24	32	18	31	17	26	15
600-640	37	16	74	16	25	27	35	20	28	15	24	14
550-590	30	13	47	10	10	11	18	10	22	12	23	14
500-540	13	6	26	6	6	6	8	4	12	7	13	8
450-490	20	9	9	2	7	8	4	2	10	5	13	8
400-440	20	9	7	1	5	5	1	1	7	4	6	4
350-390	13	6	3	1	2	2	1	1	1	1	1	1
300-340	8	3	3	1	1	1	3	2				
250-290					1	1	1	1				
200-240												
Total	233		469		93		179		183		169	
Mean	587		672		603		658		649		642	
SD	120		99		104		96		105		104	
75th percentile	680		750		670		720		730		720	
50th percentile	620		680		620		680		670		650	
25th percentile	490		610		560		610		570		580	

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	7	28	3	30	1	20						
700-740	6	24	2	20	1	20						
650-690	6	24	1	10								
600-640	2	8	1	10					1	100		
550-590	3	12			1	20						
500-540												
450-490	1	4										
400-440			2	20	1	20						
350-390			1	10	1	20						
300-340												
250-290												
200-240												
Total	25		10		5				1			
Mean	694		634		586							
SD	86											
75th percentile	740											
50th percentile	690											
25th percentile	640											

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			16	44	5	71	1	20	1	6	1	25
700-740			6	17	2	29	1	20	2	11		
650-690			1	3					6	33		
600-640	1	100	3	8					2	11	2	50
550-590			3	8			1	20	2	11		
500-540			2	6							1	25
450-490			2	6					3	17		
400-440			2	6			2	40	1	6		
350-390			1	3					1	6		
300-340												
250-290												
200-240												
Total	1		36		7		5		18		4	
Mean			675		776		586		601			
SD			128									
75th percentile			780									
50th percentile			730									
25th percentile			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	45	1	452	492	440
Architecture and Related Services	124	2	480	522	469
Area, Ethnic, Cultural and Gender Studies	16	0	501	477	521
Biological and Biomedical Sciences	480	7	531	547	517
Business Management, Marketing, and Related Support Services	837	13	482	517	473
Communication, Journalism and Related Programs	130	2	517	501	509
Computer and Information Sciences and Support Services	217	3	536	561	504
Construction Trades	6	0	373	383	355
Education	242	4	471	484	458
Engineering	724	11	509	563	489
Engineering Technologies/Technicians	92	1	477	530	454
English Language and Literature/Letters	76	1	577	522	546
Family and Consumer Sciences/Human Sciences	28	0	445	450	424
Foreign Languages, Literatures, and Linguistics	38	1	531	533	506
Health Professions and Related Clinical Services	1,434	22	475	495	464
History	29	0	516	495	487
Legal Professions and Studies	103	2	529	532	518
Liberal Arts and Sciences, General Studies, and Humanities	40	1	485	477	461
Library Science And Administration	1	0			
Mathematics and Statistics	25	0	515	617	495
Mechanic and Repair Technologies/Technician	27	0	395	431	382
Military Technologies And Applied Sciences	25	0	479	480	452
Multi/Interdisciplinary Studies	27	0	561	581	557
Natural Resources and Conservation	59	1	512	521	486
Parks, Recreation, Leisure and Fitness Studies	38	1	458	496	421
Personal and Culinary Services	37	1	458	466	429
Philosophy and Religious Studies	18	0	556	529	541
Physical Sciences	99	2	528	559	516
Precision Production	0	0			
Psychology	293	4	496	491	480
Public Administration and Social Services Professions	33	1	468	460	447
Security and Protective Services	172	3	446	458	429
Social Sciences	89	1	570	554	552
Theology and Religious Vocations	7	0	506	474	480
Transportation and Materials Moving	10	0	482	530	465
Visual and Performing Arts	439	7	504	497	486
Other	88	1	465	482	446
Undecided	391	6	539	560	527
<b>Degree-Level Goal</b>					
Certificate Program	35	1	416	469	409
Associate Degree	69	1	380	398	365
Bachelor's Degree	2,220	33	464	482	448
Master's Degree	2,113	31	496	515	480
Doctoral or Related Degree	1,496	22	523	546	510
Other	19	0	447	474	445
Undecided	796	12	499	514	486

## College Plans

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

Of the 7,606 students from your state who took the SAT and/or an SAT Subject Test, 5,008 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 1,161 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Hawaii at Manoa	HI	Public	2,071	41.4
University of Portland	OR	Private	715	14.3
University of Washington	WA	Public	593	11.8
University of Hawaii at Hilo	HI	Public	488	9.7
Oregon State University	OR	Public	471	9.4
Washington State University	WA	Public	425	8.5
University of Nevada: Las Vegas	NV	Public	423	8.4
University of Southern California	CA	Private	417	8.3
NCAA Eligibility Center	IN	Public	414	8.3
Seattle University	WA	Private	399	8.0
University of Oregon	OR	Public	376	7.5
Stanford University	CA	Private	373	7.4
Hawaii Pacific University	HI	Private	372	7.4
University of San Francisco	CA	Private	343	6.8
Chaminade University of Honolulu	HI	Private	340	6.8
Pacific University	OR	Private	336	6.7
Creighton University	NE	Private	309	6.2
University of California: Los Angeles	CA	Public	305	6.1
Santa Clara University	CA	Private	296	5.9
University of California: Berkeley	CA	Public	277	5.5
Northern Arizona University	AZ	Public	271	5.4
Portland State University	OR	Public	256	5.1
Loyola Marymount University	CA	Private	228	4.6
University of California: Irvine	CA	Public	224	4.5
Chapman University	CA	Private	220	4.4
Western Oregon University	OR	Public	214	4.3
Arizona State University	AZ	Public	213	4.3
University of Hawaii: West Oahu	HI	Public	210	4.2
University of San Diego	CA	Private	202	4.0
Boston University	MA	Private	198	4.0
University of Colorado Boulder	CO	Public	197	3.9
University of California: San Diego	CA	Public	181	3.6
New York University	NY	Private	180	3.6
Colorado State University	CO	Public	164	3.3
San Diego State University	CA	Public	162	3.2
Harvard College	MA	Private	156	3.1
Seattle Pacific University	WA	Private	151	3.0
University of Puget Sound	WA	Private	143	2.9
Cornell University	NY	Private	142	2.8
Grand Canyon University	AZ	Private	132	2.6
Willamette University	OR	Private	129	2.6
University of California: Santa Barbara	CA	Public	128	2.6
California Polytechnic State Univ San Luis Obispo	CA	Public	128	2.6
Brown University	RI	Private	125	2.5
University of California: Davis	CA	Public	125	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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