

# SAT<sup>®</sup>

2016 College-Bound Seniors

# State Profile Report



ARKANSAS

## 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	1,075	570	110	569	109	553	107	56.4	11.2	7.2	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	472	583	111	598	108	553	109	56.8	11.2	7.0	1.6
Female	603	560	109	546	105	553	105	56.1	11.2	7.3	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)	551	568	115	565	115	544	110	55.4	11.6	7.2	1.4
Junior (2014-2015)	491	573	105	574	103	565	103	57.6	10.8	7.2	1.5
Sophomore (2013-2014)	28	573	113	561	100	542	81	56.8	8.6	6.5	1.5
Freshman (2012-2013)	5	482		504		484		48.6		7.2	
Total	1,075	570	110	569	109	553	107	56.4	11.2	7.2	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	1,637,589	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	650	650	630	570	590	560
50th	570	570	560	490	500	480
25th	490	490	480	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	74	66	140	91	44	135	46	41	87
600-690	152	156	308	148	158	306	126	185	311
500-590	137	217	354	150	211	361	158	212	370
400-490	88	116	204	69	140	209	103	118	221
300-390	20	43	63	13	46	59	35	42	77
200-290	1	5	6	1	4	5	4	5	9

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	852	83	43	57	569	569	550
Religiously Affiliated	155	15	50	50	573	573	568
Independent	19	2	37	63	609	609	604
Other or Unknown	49		47	53	565	535	544

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	7	1	529		524		507	
Asian or Asian American	115	11	586	125	642	109	591	118
Black or African American	80	7	463	81	464	80	455	79
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	82	8	525	113	508	99	502	110
White	731	68	587	100	578	101	567	97
Two or More Races, non-Hispanic	22	2	550		525		516	
Other	9	1	518		502		502	
No Response	29	3	538	153	565	118	520	133
Total	1,075	100	570	110	569	109	553	107

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	3	0						
Asian or Asian American	55	5	615	116	674	96	612	109
Black or African American	27	3	479	63	484	65	467	70
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	33	3	534	114	546	85	494	113
White	326	30	596	102	604	103	562	102
Two or More Races, non-Hispanic	8	1	541		529		478	
Other	2	0						
No Response	18	2	544		580		512	
Total	472	44	583	111	598	108	553	109

Table 10: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	4	0						
Asian or Asian American	60	6	559	127	613	111	572	122
Black or African American	53	5	455	88	454	85	449	83
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	49	5	518	112	482	100	508	108
White	405	38	580	98	558	95	572	92
Two or More Races, non-Hispanic	14	1	554		522		538	
Other	7	1	547		511		544	
No Response	11	1	526		540		533	
Total	603	56	560	109	546	105	553	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	1,075	100	570	110	569	109	553	107
<b>First Language Learned</b>								
English	909	85	575	105	566	105	555	101
English and Another	88	8	535	127	550	125	533	129
Another Language	72	7	561	140	623	122	568	135
No Response	6		478		593		495	
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,013	95	574	107	567	108	555	104
U.S. Permanent Resident or Refugee	22	2	555		601		555	
Citizen of Another Country	27	3	512	126	648	88	537	129
Other, Unknown, or No Response	13		432		514		443	
<b>Plans to Apply for Financial Aid</b>								
Yes	749	77	568	109	565	109	551	104
No	62	6	583	106	588	112	558	101
Don't Know	161	17	573	121	579	112	555	114
No Response	103		571	109	567	101	565	116
<b>Family Income</b>								
Less than \$20,000	54	7	498	115	496	100	487	94
About \$20,000 to \$40,000	122	15	518	109	524	110	503	98
About \$40,001 to \$60,000	85	11	548	109	540	107	531	107
About \$60,001 to \$80,000	91	11	563	110	548	103	545	101
About \$80,001 to \$100,000	126	16	583	104	573	107	559	111
About \$100,001 to \$140,000	133	16	595	95	594	101	575	93
About \$140,001 to \$200,000	101	13	603	99	610	98	582	102
More than \$200,000	96	12	602	100	596	99	585	95
No Response	267		575	112	580	109	564	109
<b>Highest Level of Parental Education</b>								
No High School Diploma	33	3	495	99	496	96	481	106
High School Diploma	171	17	525	107	521	103	503	98
Associate Degree	61	6	522	113	515	106	508	100
Bachelor's Degree	365	36	568	101	566	102	555	96
Graduate Degree	382	38	606	102	606	106	589	102
No Response	63		567	137	575	107	548	132
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	149	21	590	106	587	104	577	103
Yes, As a Sophomore or Younger	185	26	566	104	559	101	546	98
Yes, As a Junior and As a Sophomore or Younger	269	38	614	92	618	98	604	88
No	106	15	525	99	526	94	501	89
No Response	366		544	118	542	113	525	112

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	405	58	44	56	619	622	606
Second Tenth	156	23	45	55	557	543	523
Second Fifth	75	11	55	45	508	506	487
Final Three Fifths	57	8	44	56	456	458	435
No Response	382		41	59	552	551	541

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)	210	20	44	56	634	640	618
A (93–96)	368	35	43	57	596	595	587
A- (90–92)	217	21	38	62	556	551	536
B (80–89)	235	22	50	50	500	495	475
C (70–79)	20	2	50	50	456	447	436
D, E, or F (below 70)	2	0	50	50			
No Response	23		48	52	532	547	503
<b>Mean Grade Point Average</b>	<b>All Students: 3.76</b>		<b>Male: 3.72</b>		<b>Female: 3.78</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	2.7	2.5	3.93	3.95	3.94
English and Language Arts	3.9	3.9	3.9	3.62	3.79	3.72
Foreign and Classical Languages	2.5	2.7	2.6	3.73	3.80	3.77
Mathematics	4.1	4.1	4.1	3.62	3.58	3.60
Natural Sciences	3.8	3.7	3.7	3.67	3.65	3.66
Social Sciences and History	3.7	3.6	3.6	3.72	3.77	3.74
<b>Total for All Subjects</b>	<b>20.3</b>	<b>20.7</b>	<b>20.4</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	143	15	44	56	600	596	578
4 Years	666	72	44	56	580	578	562
3 Years	63	7	37	63	521	522	514
2 Years	29	3	34	66	545	549	526
1 Year	13	1	38	62	492	507	474
1/2 Year or Less	15	2	73	27	479	489	434
No Response	146		48	52	536	539	531
AP <sup>®</sup> /Honors Courses	635	68	40	60	596	592	578
<b>Course Work or Experience</b>							
English/Language Arts	918	97	44	56	574	570	556
Journalism	134	14	25	75	562	547	547
Creative Writing	140	15	32	68	575	558	550
American Literature	395	42	42	58	584	580	570
Composition/Writing	461	49	44	56	582	575	564
British Literature	134	14	46	54	608	587	585
World Literature	232	25	44	56	589	576	565
Communications	404	43	45	55	572	569	554
Public Speaking	452	48	39	61	578	571	561
English As Second Language	27	3	33	67	499	594	517
<b>Mathematics</b>							
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	342	35	47	53	612	618	591
4 Years	502	52	42	58	561	553	544
3 Years	70	7	41	59	518	516	513
2 Years	18	2	39	61	536	518	514
1 Year	12	1	67	33	528	562	510
1/2 Year or Less	20	2	45	55	471	474	451
No Response	111		45	55	542	547	536
AP/Honors Courses	566	59	47	53	607	616	589
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	471	49	53	47	618	634	600
Pre-calculus	249	26	37	63	555	537	536
Geometry	232	24	31	69	499	480	482
Algebra II	12	1	50	50	528	518	511
Algebra I	1	0	0	100			

\*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	168	18	51	49	613	625	594
4 Years	455	50	44	56	584	577	564
3 Years	236	26	38	62	549	547	534
2 Years	25	3	32	68	514	512	511
1 Year	17	2	53	47	512	555	501
1/2 Year or Less	18	2	44	56	468	458	444
No Response	156		46	54	542	540	535
AP/Honors Courses	504	55	45	55	606	615	590
<b>Course Work or Experience</b>							
Biology	927	98	44	56	572	568	553
Chemistry	868	92	44	56	575	574	557
Physics	596	63	49	51	593	594	570
Geology, Earth, or Space Science	297	31	47	53	571	565	550
Other Sciences	401	42	39	61	558	550	539

  

<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	139	15	50	50	614	606	597
4 Years	428	47	41	59	586	575	561
3 Years	275	30	45	55	557	569	551
2 Years	43	5	37	63	520	540	487
1 Year	19	2	42	58	504	511	485
1/2 Year or Less	12	1	58	42	445	483	415
No Response	159		46	54	542	540	536
AP/Honors Courses	529	58	45	55	602	598	582
<b>Course Work or Experience</b>							
U.S. History	904	95	44	56	575	573	557
World History or Cultures	882	93	44	56	574	572	556
U.S. Government or Civics	856	90	43	57	574	570	557
Economics	768	81	43	57	574	572	556
Geography	216	23	44	56	584	576	564
Psychology	337	35	39	61	583	567	561
European History	102	11	39	61	604	593	574
Sociology	116	12	38	62	542	532	524
Ancient History	39	4	49	51	585	568	553
Other Courses	135	14	46	54	582	576	557

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	77	8	34	66	606	611	594
4 Years	166	18	46	54	608	599	591
3 Years	169	18	40	60	592	588	573
2 Years	392	43	44	56	566	567	547
1 Year	51	6	45	55	522	508	501
1/2 Year or Less	59	6	56	44	508	522	486
No Response	161		47	53	537	538	531
AP/Honors Courses	200	22	41	60	622	621	611
<b>Course Work or Experience</b>							
Chinese	44	5	45	55	587	598	555
French	155	17	35	65	599	587	577
German	38	4	61	39	580	553	545
Greek	1	0	0	100			
Hebrew	1	0	100	0			
Italian	2	0	50	50			
Japanese	5	1	60	40	630	654	576
Korean		0					
Latin	48	5	54	46	600	588	575
Russian	2	0	50	50			
Spanish	683	75	42	58	567	565	550
Other Languages	14	2	57	43	533	574	504

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	104	15	33	67	610	597	587
4 Years	130	19	42	58	583	578	567
3 Years	83	12	35	65	533	533	516
2 Years	117	17	50	50	564	570	547
1 Year	149	22	48	52	581	580	559
1/2 Year or Less	92	14	54	46	562	568	549
No Response	400		44	56	563	561	549
AP/Honors Courses	88	13	40	60	604	614	593
<b>Course Work or Experience</b>							
Acting or Play Production	199	22	31	69	588	561	561
Art History or Appreciation	185	20	48	52	578	564	557
Dance	104	11	6	94	570	563	570
Drama: Study or Appreciation	196	22	28	72	550	535	534
Music: Study or Appreciation	174	19	48	52	583	576	559
Music Performance	511	56	42	58	586	584	569
Photography or Film	151	17	31	69	567	555	549
Studio Art and Design	193	21	32	68	583	571	565
None	64	7	61	39	535	563	517

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
205	536	131	655	674	644

  

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	20	10
2	69	34
3	91	44
4 or More	25	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 pre-March 2016 SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	60	610	115	36	656	102	657	109	648	94	
<b>History and Social Studies</b>											
U.S. History	60	630	97	41	657	93	659	83	652	92	
World History	23	654		19	693		694		668		
<b>Mathematics</b>											
Mathematics Level 1	72	636	102	42	625	100	659	93	615	90	
Mathematics Level 2	126	686	98	89	669	88	707	67	663	81	
<b>Science</b>											
Biology-E	36	636	110	23	635		660		629		
Biology-M	30	691	64	18	694		702		672		
Chemistry	62	644	98	40	684	89	693	69	672	89	
Physics	41	680	92	32	678	104	720	64	660	89	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	1			1							
French	4			3							
French/Listening											
German											
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening	1			1							
Korean/Listening											
Latin	3			1							
Spanish	15	599		8	694		673		630		
Spanish/Listening	2			1							

## 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	5	8	2	3	5	22
700-740	11	18	15	25	4	17
650-690	15	25	12	20	5	22
600-640	5	8	17	28	2	9
550-590	10	17	4	7	2	9
500-540	4	7	3	5	3	13
450-490	1	2	1	2	2	9
400-440	6	10	4	7		
350-390	2	3	2	3		
300-340	1	2				
250-290						
200-240						
Total	60		60		23	
Mean	610		630		654	
SD	115		97			
75th percentile	700		700		730	
50th percentile	650		640		650	
25th percentile	550		600		530	

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	8	11	46	37	3	8	5	17	10	16	13	32
700-740	20	28	13	10	11	31	12	40	10	16	6	15
650-690	9	13	25	20	5	14	5	17	14	23	5	12
600-640	14	19	17	13	6	17	7	23	9	15	8	20
550-590	7	10	14	11	6	17			6	10	6	15
500-540	6	8	5	4	1	3	1	3	7	11	2	5
450-490	5	7	4	3	2	6			5	8		
400-440	2	3	2	2					1	2	1	2
350-390					1	3						
300-340	1	1										
250-290					1	3						
200-240												
Total	72		126		36		30		62		41	
Mean	636		686		636		691		644		680	
SD	102		98		110		64		98		92	
75th percentile	720		780		720		730		710		760	
50th percentile	650		690		660		700		670		680	
25th percentile	560		610		570		640		560		610	

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	1	100										
700-740			1	25								
650-690												
600-640												
550-590												
500-540												
450-490			2	50								
400-440												
350-390			1	25								
300-340												
250-290												
200-240												
Total	1		4									
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												

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									4	27	1	50
700-740			1	100					1	7		
650-690									1	7		
600-640							1	33	2	13	1	50
550-590									1	7		
500-540							1	33	1	7		
450-490									2	13		
400-440									2	13		
350-390							1	33	1	7		
300-340												
250-290												
200-240												
Total			1				3		15		2	
Mean									599			
SD												
75th percentile												
50th percentile												
25th percentile												



## 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	9	1	550	524	522
Architecture and Related Services	15	2	519	547	491
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	94	10	599	602	584
Business Management, Marketing, and Related Support Services	86	9	535	558	524
Communication, Journalism and Related Programs	14	1	565	533	573
Computer and Information Sciences and Support Services	36	4	557	581	523
Construction Trades	0	0			
Education	33	3	541	507	541
Engineering	123	13	613	643	586
Engineering Technologies/Technicians	3	0			
English Language and Literature/Letters	21	2	620	536	573
Family and Consumer Sciences/Human Sciences	5	1	540	582	522
Foreign Languages, Literatures, and Linguistics	4	0			
Health Professions and Related Clinical Services	189	20	547	548	544
History	15	2	615	555	577
Legal Professions and Studies	21	2	556	552	566
Liberal Arts and Sciences, General Studies, and Humanities	6	1	607	548	607
Library Science And Administration	0	0			
Mathematics and Statistics	10	1	653	677	611
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	5	1	548	590	504
Multi/Interdisciplinary Studies	18	2	661	653	638
Natural Resources and Conservation	5	1	606	590	620
Parks, Recreation, Leisure and Fitness Studies	2	0			
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	2	0			
Physical Sciences	29	3	642	648	610
Precision Production	0	0			
Psychology	35	4	557	537	543
Public Administration and Social Services Professions	3	0			
Security and Protective Services	11	1	510	519	499
Social Sciences	27	3	590	574	570
Theology and Religious Vocations	3	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	66	7	558	541	544
Other	10	1	490	477	500
Undecided	38	4	630	610	602
<b>Degree-Level Goal</b>					
Certificate Program	1	0			
Associate Degree	3	0			
Bachelor's Degree	190	19	519	515	501
Master's Degree	310	31	570	565	549
Doctoral or Related Degree	405	41	594	595	578
Other	1	0			
Undecided	79	8	587	592	572

## College Plans

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

Of the 1,149 students from your state who took the SAT and/or an SAT Subject Test, 759 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 475 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Arkansas	AR	Public	309	40.7
NMSC Scholarship Admin	IL	Scholarship	147	19.4
University of Central Arkansas	AR	Public	106	14.0
Arkansas State University	AR	Public	83	10.9
Stanford University	CA	Private	75	9.9
Hendrix College	AR	Private	70	9.2
Vanderbilt University	TN	Private	68	9.0
Harvard College	MA	Private	67	8.8
Harding University	AR	Private	60	7.9
Massachusetts Institute of Technology	MA	Private	57	7.5
University of Arkansas at Little Rock	AR	Public	53	7.0
Washington University in St. Louis	MO	Private	48	6.3
Princeton University	NJ	Private	44	5.8
Arkansas Tech University	AR	Public	44	5.8
Baylor University	TX	Private	43	5.7
University of Chicago	IL	Private	41	5.4
Yale University	CT	Private	38	5.0
Northwestern University	IL	Private	38	5.0
Duke University	NC	Private	37	4.9
Ouachita Baptist University	AR	Private	37	4.9
Cornell University	NY	Private	35	4.6
Duke University Talent Identification Program	NC	Scholarship	33	4.3
Henderson State University	AR	Public	33	4.3
Columbia University	NY	Private	31	4.1
Johns Hopkins University	MD	Private	29	3.8
University of California: Berkeley	CA	Public	29	3.8
University of Texas at Austin	TX	Public	28	3.7
Texas A&M University	TX	Public	28	3.7
Georgia Institute of Technology	GA	Public	28	3.7
Rice University	TX	Private	27	3.6
New York University	NY	Private	26	3.4
Dartmouth College	NH	Private	25	3.3
University of Pennsylvania	PA	Private	24	3.2
Brown University	RI	Private	23	3.0
University of California: Los Angeles	CA	Public	23	3.0
University of Tulsa	OK	Private	21	2.8
Lyon College	AR	Private	20	2.6
Georgetown University	DC	Private	20	2.6
University of Southern California	CA	Private	19	2.5
John Brown University	AR	Private	18	2.4
Carnegie Mellon University	PA	Private	17	2.2
University of Mississippi	MS	Public	17	2.2
Southern Methodist University	TX	Private	17	2.2
University of Oklahoma	OK	Public	17	2.2
University of Michigan	MI	Public	17	2.2

\*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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P.O. Box 71101  
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### The College Board International

250 Vesey Street  
New York, NY 10281  
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646-417-7350 (Fax)

### Washington Office

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Washington, DC 20036-2375  
202-741-4700  
202-741-4743 (Fax)

### Florida Office

1545 Raymond Diehl Road, Suite 250  
Tallahassee, FL 32308-1500  
850-521-4900  
850-521-4921 (Fax)