

SAT[®]

2016 College-Bound Seniors

State Profile Report



ALABAMA

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

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.

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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.

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.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2016

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
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.

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SAT[®] 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	2,354	557	115	551	119	543	112	55.3	11.6	7.1	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	976	573	118	582	119	548	114	56.4	11.6	6.9	1.7
Female	1,378	545	112	530	115	539	110	54.6	11.5	7.2	1.4

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)	1,293	545	119	537	125	528	112	53.8	11.7	7.0	1.6
Junior (2014-2015)	992	574	109	571	110	563	109	57.5	11.1	7.1	1.5
Sophomore (2013-2014)	66	540	103	537	91	524	100	54.3	10.5	6.5	1.4
Freshman (2012-2013)	3										
Total	2,354	557	115	551	119	543	112	55.3	11.6	7.1	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	640	640	620	570	590	560
50th	560	550	540	490	500	480
25th	470	470	460	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	163	143	306	178	117	295	97	113	210
600-690	278	316	594	303	282	585	264	290	554
500-590	275	443	718	267	429	696	310	478	788
400-490	179	356	535	163	396	559	198	358	556
300-390	68	103	171	53	128	181	95	132	227
200-290	13	17	30	12	26	38	12	7	19

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,644	72	40	60	548	548	535
Religiously Affiliated	320	14	41	59	574	553	556
Independent	309	14	50	50	587	579	579
Other or Unknown	81		37	63	553	506	513

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	8	0	513		465		459	
Asian or Asian American	209	9	579	128	653	113	592	128
Black or African American	403	17	462	106	443	101	451	95
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	100	4	557	102	537	104	540	97
White	1,494	63	577	103	567	105	559	101
Two or More Races, non-Hispanic	49	2	559	116	538	96	553	121
Other	36	2	609	115	607	105	596	97
No Response	55	2	584	116	561	122	549	114
Total	2,354	100	557	115	551	119	543	112

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	1	0						
Asian or Asian American	88	4	589	121	673	103	588	118
Black or African American	130	6	463	121	462	115	443	107
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	46	2	568	103	567	100	548	92
White	657	28	591	106	594	107	562	105
Two or More Races, non-Hispanic	15	1	571		573		556	
Other	17	1	637		647		601	
No Response	22	1	600		575		530	
Total	976	41	573	118	582	119	548	114

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	7	0	499		439		451	
Asian or Asian American	121	5	571	133	639	119	594	134
Black or African American	273	12	461	98	434	93	455	88
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	54	2	547	100	512	100	533	101
White	837	36	567	99	545	98	557	97
Two or More Races, non-Hispanic	34	1	553	123	523	98	551	130
Other	19	1	585		572		592	
No Response	33	1	573	119	551	125	562	116
Total	1,378	59	545	112	530	115	539	110

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	2,354	100	557	115	551	119	543	112
First Language Learned								
English	2,028	87	557	114	544	117	540	110
English and Another	163	7	565	114	583	127	566	115
Another Language	139	6	545	128	626	117	554	130
No Response	24		546		501		503	
Citizenship								
U.S. Citizen / U.S. National	2,222	95	559	114	549	118	543	111
U.S. Permanent Resident or Refugee	56	2	560	129	646	117	582	124
Citizen of Another Country	50	2	469	120	579	128	485	129
Other, Unknown, or No Response	26		522	102	547	143	499	110
Plans to Apply for Financial Aid								
Yes	1,477	70	555	115	544	121	539	113
No	221	10	564	116	568	112	544	110
Don't Know	409	19	562	115	566	119	555	109
No Response	247		556	116	557	112	543	111
Family Income								
Less than \$20,000	115	7	436	100	427	98	429	99
About \$20,000 to \$40,000	178	11	511	104	502	113	496	100
About \$40,001 to \$60,000	197	12	514	104	505	108	505	99
About \$60,001 to \$80,000	191	11	549	108	540	114	539	105
About \$80,001 to \$100,000	252	15	556	101	553	108	545	100
About \$100,001 to \$140,000	318	19	576	111	568	107	558	109
About \$140,001 to \$200,000	209	13	580	107	577	113	560	102
More than \$200,000	205	12	603	102	606	105	597	97
No Response	689		574	117	569	122	556	115
Highest Level of Parental Education								
No High School Diploma	29	1	455	73	471	116	459	81
High School Diploma	303	13	490	103	483	106	477	99
Associate Degree	151	7	496	102	482	101	479	93
Bachelor's Degree	834	36	547	107	546	115	533	106
Graduate Degree	978	43	598	111	591	114	584	107
No Response	59		561	109	543	112	545	106
Took the PSAT/NMSQT®								
Yes, As a Junior	392	27	596	103	598	104	580	99
Yes, As a Sophomore or Younger	326	22	561	111	551	107	544	105
Yes, As a Junior and As a Sophomore or Younger	521	36	616	94	622	102	608	98
No	214	15	495	114	485	111	482	108
No Response	901		519	111	507	113	503	103

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	832	56	42	58	609	609	597
Second Tenth	334	23	40	60	522	521	510
Second Fifth	180	12	33	67	504	493	488
Final Three Fifths	133	9	51	49	464	463	449
No Response	875		42	58	545	534	529

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)	478	21	41	59	621	621	608
A (93–96)	718	31	38	62	589	582	577
A- (90–92)	485	21	40	60	543	539	528
B (80–89)	554	24	44	56	490	479	474
C (70–79)	65	3	65	35	436	436	413
D, E, or F (below 70)	2	0	50	50			
No Response	52		52	48	533	528	507
Mean Grade Point Average	All Students: 3.73		Male: 3.69		Female: 3.77		

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	2.3	2.2	3.91	3.95	3.94
English and Language Arts	3.9	3.9	3.9	3.62	3.74	3.69
Foreign and Classical Languages	2.6	2.7	2.7	3.62	3.75	3.70
Mathematics	4.0	4.0	4.0	3.53	3.55	3.54
Natural Sciences	3.9	3.9	3.9	3.62	3.64	3.64
Social Sciences and History	3.9	3.9	3.9	3.72	3.72	3.72
Total for All Subjects	20.3	20.7	20.6			

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

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	212	11	40	60	583	583	571
4 Years	1,559	78	41	59	567	562	553
3 Years	121	6	38	62	506	490	489
2 Years	53	3	53	47	526	521	512
1 Year	28	1	32	68	455	485	468
1/2 Year or Less	25	1	48	52	442	423	419
No Response	356		43	57	535	525	518
AP®/Honors Courses	1,344	67	39	61	584	579	571
Course Work or Experience							
English/Language Arts	1,968	97	40	60	557	550	542
Journalism	172	9	32	68	562	537	553
Creative Writing	350	17	35	65	559	532	545
American Literature	1,210	60	40	60	565	556	551
Composition/Writing	998	49	42	58	570	561	555
British Literature	575	28	42	58	574	561	560
World Literature	577	29	42	58	567	555	553
Communications	75	4	53	47	527	527	521
Public Speaking	393	19	45	55	576	561	564
English As Second Language	61	3	31	69	467	518	478

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	479	23	45	55	593	607	580
4 Years	1,369	65	40	60	560	550	545
3 Years	142	7	35	65	506	486	491
2 Years	51	2	57	43	499	496	491
1 Year	19	1	26	74	428	472	459
1/2 Year or Less	45	2	38	62	443	437	431
No Response	249		46	54	543	530	527
AP/Honors Courses	1,277	61	42	58	589	595	576
Highest Level of Mathematics Achieved*							
Calculus	1,100	52	47	53	608	619	594
Pre-calculus	650	31	34	66	519	501	503
Geometry	333	16	33	67	471	436	456
Algebra II	14	1	29	71	439	414	414
Algebra I	4	0	25	75			

*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	276	14	42	58	598	601	583	
4 Years	1,413	71	40	60	564	559	551	
3 Years	158	8	38	62	523	503	509	
2 Years	67	3	57	43	514	524	507	
1 Year	32	2	34	66	484	469	460	
1/2 Year or Less	36	2	39	61	490	464	479	
No Response	372		45	55	533	527	514	
AP/Honors Courses	1,184	60	41	59	589	591	575	
Course Work or Experience								
Biology	2,017	98	40	60	557	552	542	
Chemistry	1,953	95	41	59	563	558	548	
Physics	1,180	57	48	52	580	583	566	
Geology, Earth, or Space Science	575	28	38	62	522	510	512	
Other Sciences	1,047	51	33	67	539	524	523	

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	219	11	44	56	594	599	579	
4 Years	1,450	74	40	60	565	558	550	
3 Years	182	9	40	60	540	533	531	
2 Years	52	3	58	42	512	525	509	
1 Year	27	1	37	63	486	462	472	
1/2 Year or Less	33	2	33	67	465	442	453	
No Response	391		46	54	532	528	516	
AP/Honors Courses	1,170	60	40	60	592	588	579	
Course Work or Experience								
U.S. History	1,980	97	41	59	559	554	545	
World History or Cultures	1,730	85	40	60	562	558	548	
U.S. Government or Civics	1,597	78	39	61	555	549	540	
Economics	1,391	68	40	60	561	557	546	
Geography	319	16	39	61	539	531	527	
Psychology	500	25	34	66	572	559	556	
European History	567	28	43	57	604	596	592	
Sociology	140	7	40	60	543	522	525	
Ancient History	170	8	50	50	568	553	549	
Other Courses	247	12	43	57	559	545	540	

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	154	8	39	61	621	625	616
4 Years	389	20	41	59	617	617	608
3 Years	378	19	44	56	577	575	564
2 Years	796	40	40	60	537	526	521
1 Year	163	8	39	61	503	499	488
1/2 Year or Less	86	4	50	50	466	449	442
No Response	388		44	56	535	530	517
AP/Honors Courses	555	28	39	61	612	615	604
Course Work or Experience							
Chinese	17	1	41	59	527	581	549
French	388	19	34	66	579	568	565
German	92	5	47	53	590	577	572
Greek	12	1	67	33	618	582	602
Hebrew	2	0	100	0			
Italian	6	0	33	67	510	528	518
Japanese	13	1	46	54	573	558	556
Korean	7	0	57	43	583	650	597
Latin	252	12	51	49	614	608	597
Russian	13	1	62	38	584	572	572
Spanish	1,375	68	40	60	544	539	531
Other Languages	28	1	32	68	508	502	497

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

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	120	8	31	69	574	558	553
4 Years	267	19	38	62	569	556	551
3 Years	156	11	27	73	561	539	540
2 Years	255	18	34	66	539	533	532
1 Year	383	27	47	53	537	545	526
1/2 Year or Less	234	17	46	54	542	535	524
No Response	939		45	55	567	563	554
AP/Honors Courses	148	10	32	68	574	569	563
Course Work or Experience							
Acting or Play Production	449	23	36	64	588	563	572
Art History or Appreciation	434	22	41	59	568	558	550
Dance	232	12	9	91	544	526	543
Drama: Study or Appreciation	392	20	33	67	559	537	545
Music: Study or Appreciation	330	17	37	63	576	558	562
Music Performance	899	46	40	60	575	568	562
Photography or Film	333	17	34	66	575	560	559
Studio Art and Design	383	20	31	69	579	571	567
None	209	11	49	51	529	529	513

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
446	1,127	303	674	690	661

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	24	5
2	222	50
3	158	35
4 or More	42	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	
English											
Literature	131	640	112	84	679	95	655	113	658	106	
History and Social Studies											
U.S. History	181	649	113	124	685	84	681	97	670	83	
World History	13	631		10	665		669		628		
Mathematics											
Mathematics Level 1	137	612	127	82	635	94	645	97	625	97	
Mathematics Level 2	275	718	91	207	679	79	719	72	669	86	
Science											
Biology-E	36	643	107	24	675		684		660		
Biology-M	52	652	117	37	670	80	682	93	664	82	
Chemistry	179	688	90	135	683	79	718	70	671	85	
Physics	73	686	87	54	693	64	727	60	668	87	
Foreign and Classical Languages											
Chinese/Listening	5	764		5	618		720		640		
French	12	605		11	659		669		680		
French/Listening											
German	2			1							
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	2			1							
Latin	7	570		5	638		648		600		
Spanish	21	634		19	687		647		677		
Spanish/Listening	1			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	17	13	35	19	1	8
700-740	32	24	42	23		
650-690	28	21	38	21	5	38
600-640	19	15	24	13	4	31
550-590	11	8	14	8	1	8
500-540	4	3	8	4	2	15
450-490	10	8	4	2		
400-440	4	3	4	2		
350-390	3	2	9	5		
300-340	3	2	3	2		
250-290						
200-240						
Total	131		181		13	
Mean	640		649		631	
SD	112		113			
75th percentile	720		720			
50th percentile	660		670			
25th percentile	580		600			

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	19	14	142	52	4	11	11	21	59	33	21	29
700-740	26	19	34	12	9	25	11	21	39	22	19	26
650-690	23	17	33	12	8	22	11	21	33	18	13	18
600-640	16	12	41	15	9	25	8	15	24	13	8	11
550-590	11	8	14	5	1	3	3	6	9	5	6	8
500-540	16	12	6	2			1	2	7	4	4	5
450-490	5	4	2	1	1	3	3	6	2	1	1	1
400-440	10	7	1	0	2	6	1	2	6	3	1	1
350-390	7	5			2	6	2	4				
300-340	4	3	2	1								
250-290							1	2				
200-240												
Total	137		275		36		52		179		73	
Mean	612		718		643		652		688		686	
SD	127		91		107		117		90		87	
75th percentile	720		800		700		730		750		750	
50th percentile	640		750		670		670		700		700	
25th percentile	510		650		610		600		640		630	

SAT Subject Tests Score Distributions

Table 23: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	3	60					1	50				
700-740	1	20	1	8								
650-690	1	20	3	25								
600-640			2	17								
550-590			5	42								
500-540												
450-490			1	8								
400-440							1	50				
350-390												
300-340												
250-290												
200-240												
Total	5		12				2					
Mean	764		605									
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					2	100			6	29		
700-740							2	29	1	5	1	100
650-690									5	24		
600-640							1	14	2	10		
550-590							1	14				
500-540									1	5		
450-490							2	29	4	19		
400-440									2	10		
350-390							1	14				
300-340												
250-290												
200-240												
Total					2		7		21		1	
Mean							570		634			
SD												
75th percentile									700			
50th percentile									660			
25th percentile									480			

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	19	1	503	482	491
Architecture and Related Services	29	1	562	584	567
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	175	9	589	584	571
Business Management, Marketing, and Related Support Services	142	7	531	539	524
Communication, Journalism and Related Programs	52	3	536	493	522
Computer and Information Sciences and Support Services	73	4	606	599	566
Construction Trades	0	0			
Education	70	4	512	503	509
Engineering	342	17	586	607	564
Engineering Technologies/Technicians	18	1	577	595	558
English Language and Literature/Letters	35	2	629	549	620
Family and Consumer Sciences/Human Sciences	10	1	537	527	539
Foreign Languages, Literatures, and Linguistics	17	1	595	561	559
Health Professions and Related Clinical Services	437	22	538	535	532
History	15	1	641	612	613
Legal Professions and Studies	52	3	559	526	540
Liberal Arts and Sciences, General Studies, and Humanities	11	1	560	502	534
Library Science And Administration	1	0			
Mathematics and Statistics	27	1	621	671	609
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	16	1	588	555	568
Multi/Interdisciplinary Studies	17	1	600	574	571
Natural Resources and Conservation	6	0	570	522	560
Parks, Recreation, Leisure and Fitness Studies	6	0	585	540	543
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	5	0	550	574	598
Physical Sciences	39	2	626	635	603
Precision Production	0	0			
Psychology	68	3	566	533	545
Public Administration and Social Services Professions	11	1	513	457	514
Security and Protective Services	21	1	463	455	461
Social Sciences	48	2	628	595	605
Theology and Religious Vocations	8	0	569	496	538
Transportation and Materials Moving	0	0			
Visual and Performing Arts	106	5	568	535	551
Other	18	1	477	488	484
Undecided	94	5	623	605	591
Degree-Level Goal					
Certificate Program	7	0	587	597	587
Associate Degree	13	1	391	419	371
Bachelor's Degree	421	20	513	508	497
Master's Degree	704	33	555	547	541
Doctoral or Related Degree	802	38	582	576	569
Other	7	0	533	576	529
Undecided	177	8	576	569	561

College Plans

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

Of the 2,497 students from your state who took the SAT and/or an SAT Subject Test, 1,669 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 595 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Auburn University	AL	Public	632	37.9
University of Alabama	AL	Public	456	27.3
University of Alabama at Birmingham	AL	Public	328	19.7
NMSC Scholarship Admin	IL	Scholarship	241	14.4
Vanderbilt University	TN	Private	217	13.0
University of Alabama in Huntsville	AL	Public	201	12.0
University of South Alabama	AL	Public	183	11.0
Duke University Talent Identification Program	NC	Scholarship	148	8.9
Georgia Institute of Technology	GA	Public	142	8.5
Mississippi State University	MS	Public	131	7.8
Troy University	AL	Public	121	7.2
Harvard College	MA	Private	119	7.1
Duke University	NC	Private	107	6.4
Samford University	AL	Private	101	6.1
Emory University	GA	Private	93	5.6
Jacksonville State University	AL	Public	90	5.4
Princeton University	NJ	Private	88	5.3
Stanford University	CA	Private	85	5.1
Yale University	CT	Private	81	4.9
University of North Alabama	AL	Public	78	4.7
Cornell University	NY	Private	77	4.6
Columbia University	NY	Private	74	4.4
Massachusetts Institute of Technology	MA	Private	72	4.3
Washington University in St. Louis	MO	Private	67	4.0
Auburn University at Montgomery	AL	Public	66	4.0
Rice University	TX	Private	64	3.8
University of Pennsylvania	PA	Private	60	3.6
University of Mississippi	MS	Public	58	3.5
University of North Carolina at Chapel Hill	NC	Public	57	3.4
University of Georgia	GA	Public	55	3.3
New York University	NY	Private	55	3.3
Birmingham-Southern College	AL	Private	54	3.2
Tulane University	LA	Private	53	3.2
Northwestern University	IL	Private	52	3.1
University of Virginia	VA	Public	50	3.0
Dartmouth College	NH	Private	48	2.9
Brown University	RI	Private	48	2.9
University of California: Berkeley	CA	Public	47	2.8
University of Michigan	MI	Public	47	2.8
University of Chicago	IL	Private	46	2.8
Johns Hopkins University	MD	Private	45	2.7
University of Montevallo	AL	Public	45	2.7
Tuskegee University	AL	Private	43	2.6
University of California: Los Angeles	CA	Public	43	2.6
Alabama State University	AL	Public	42	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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