

SAT[®]

2016 College-Bound Seniors

State Profile Report



FLORIDA

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	122,294	481	113	475	116	462	110	46.4	11.2	6.7	1.7

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	56,780	480	117	486	122	453	112	45.8	11.3	6.4	1.8
Female	65,514	482	109	465	109	471	107	47.0	11.0	7.0	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)	68,722	490	102	482	107	469	101	47.0	10.3	6.9	1.6
Junior (2014-2015)	53,108	469	125	465	125	454	120	45.6	12.2	6.6	1.7
Sophomore (2013-2014)	427	512	104	513	103	485	101	49.2	10.3	6.8	1.6
Freshman (2012-2013)	37	523	91	500	103	490	101	50.4	11.0	6.5	1.5
Total	122,294	481	113	475	116	462	110	46.4	11.2	6.7	1.7

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	550	530	570	590	560
50th	480	470	460	490	500	480
25th	410	390	390	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	1,789	1,805	3,594	2,471	1,300	3,771	1,042	1,333	2,375
600-690	7,644	8,199	15,843	8,428	6,544	14,972	5,076	6,984	12,060
500-590	16,294	19,289	35,583	15,855	17,463	33,318	13,433	17,866	31,299
400-490	17,859	22,697	40,556	16,659	22,707	39,366	19,549	23,698	43,247
300-390	9,647	10,636	20,283	9,708	13,351	23,059	13,222	12,632	25,854
200-290	3,547	2,888	6,435	3,659	4,149	7,808	4,458	3,001	7,459

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	106,521	89	46	54	474	467	454
Religiously Affiliated	9,470	8	51	49	522	520	516
Independent	4,215	4	54	46	540	560	539
Other or Unknown	2,088		46	54	520	487	496

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	478	0	460	114	450	115	439	107
Asian or Asian American	5,472	4	516	121	553	124	504	124
Black or African American	20,350	17	420	103	407	100	401	95
Native Hawaiian or Pacific Islander	72	0	461	96	445	98	435	97
Hispanic, Latino, or Latin American	38,282	31	470	109	461	110	453	105
White	49,366	40	516	103	510	106	496	101
Two or More Races, non-Hispanic	2,070	2	509	98	492	104	482	97
Other	1,631	1	469	117	459	121	452	113
No Response	4,573	4	421	127	419	121	407	119
Total	122,294	100	481	113	475	116	462	110

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	254	0	450	120	453	121	421	108
Asian or Asian American	2,626	2	514	124	565	128	494	126
Black or African American	9,068	7	413	105	408	104	387	94
Native Hawaiian or Pacific Islander	30	0	459	98	460	112	432	102
Hispanic, Latino, or Latin American	17,448	14	471	113	475	115	445	108
White	23,285	19	516	107	523	111	486	103
Two or More Races, non-Hispanic	791	1	507	100	503	111	469	101
Other	775	1	463	116	467	121	439	111
No Response	2,503	2	414	130	422	125	394	118
Total	56,780	46	480	117	486	122	453	112

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	224	0	471	105	447	107	459	102
Asian or Asian American	2,846	2	518	118	542	120	513	121
Black or African American	11,282	9	426	101	406	97	413	94
Native Hawaiian or Pacific Islander	42	0	461	96	435	85	437	94
Hispanic, Latino, or Latin American	20,834	17	470	105	450	103	459	103
White	26,081	21	516	100	497	101	505	98
Two or More Races, non-Hispanic	1,279	1	511	96	486	99	490	93
Other	856	1	474	118	452	119	464	114
No Response	2,070	2	429	123	415	115	422	119
Total	65,514	54	482	109	465	109	471	107

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	122,294	100	481	113	475	116	462	110
First Language Learned								
English	77,076	66	495	109	486	113	474	106
English and Another	24,954	21	473	108	465	113	456	106
Another Language	15,598	13	459	117	466	121	447	116
No Response	4,666		375	113	377	108	363	105
Citizenship								
U.S. Citizen / U.S. National	108,620	93	490	110	481	113	470	106
U.S. Permanent Resident or Refugee	5,853	5	446	114	448	117	430	114
Citizen of Another Country	2,225	2	449	113	505	125	447	117
Other, Unknown, or No Response	5,596		370	108	376	107	358	101
Plans to Apply for Financial Aid								
Yes	71,319	74	498	104	487	108	477	102
No	6,307	7	511	106	515	113	499	107
Don't Know	18,963	20	489	114	488	118	471	111
No Response	25,705		423	118	422	119	407	112
Family Income								
Less than \$20,000	10,945	16	437	103	424	101	417	97
About \$20,000 to \$40,000	14,463	21	471	99	460	101	450	94
About \$40,001 to \$60,000	11,171	16	494	99	481	100	470	95
About \$60,001 to \$80,000	8,424	12	506	99	495	101	483	96
About \$80,001 to \$100,000	7,633	11	521	96	514	100	499	94
About \$100,001 to \$140,000	8,340	12	527	96	524	99	507	94
About \$140,001 to \$200,000	4,736	7	533	97	533	102	515	97
More than \$200,000	4,567	6	550	100	557	106	542	104
No Response	52,015		463	121	459	123	446	117
Highest Level of Parental Education								
No High School Diploma	6,047	6	419	100	415	100	402	93
High School Diploma	33,328	32	465	101	453	102	443	95
Associate Degree	9,999	10	484	95	473	98	462	91
Bachelor's Degree	32,157	31	515	99	510	105	495	98
Graduate Degree	22,811	22	540	106	536	112	524	108
No Response	17,952		395	109	394	108	382	102
Took the PSAT/NMSQT®								
Yes, As a Junior	12,048	14	487	116	484	121	471	113
Yes, As a Sophomore or Younger	31,290	37	494	98	487	102	473	95
Yes, As a Junior and As a Sophomore or Younger	29,596	35	541	103	538	108	526	103
No	10,980	13	439	108	430	107	419	100
No Response	38,380		435	107	425	105	414	98

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	15,147	30	42	58	573	579	556
Second Tenth	13,162	26	45	55	507	507	488
Second Fifth	11,034	22	49	51	477	470	456
Final Three Fifths	11,513	23	48	52	441	429	421
No Response	71,438		47	53	464	455	445

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)	6,385	6	39	61	574	575	559
A (93–96)	20,291	18	37	63	545	544	529
A- (90–92)	20,657	18	40	60	519	517	502
B (80–89)	53,005	47	49	51	463	453	442
C (70–79)	12,018	11	60	40	400	387	380
D, E, or F (below 70)	495	0	69	31	360	348	345
No Response	9,443		54	46	414	408	395
Mean Grade Point Average	All Students: 3.31		Male: 3.22		Female: 3.39		

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	1.9	2.3	2.1	3.77	3.89	3.84
English and Language Arts	3.7	3.8	3.8	3.34	3.56	3.46
Foreign and Classical Languages	2.5	2.6	2.6	3.38	3.60	3.50
Mathematics	3.9	3.9	3.9	3.14	3.17	3.16
Natural Sciences	3.6	3.6	3.6	3.31	3.35	3.34
Social Sciences and History	3.5	3.5	3.5	3.42	3.46	3.44
Total for All Subjects	19.1	19.7	19.5			

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	10,039	12	42	58	533	527	516
4 Years	56,424	67	43	57	518	509	497
3 Years	12,039	14	43	57	468	459	448
2 Years	2,574	3	45	55	467	461	447
1 Year	1,262	1	45	55	439	434	421
1/2 Year or Less	2,228	3	50	50	393	390	379
No Response	37,728		53	47	425	422	409
AP [®] /Honors Courses	54,286	64	40	60	536	528	515
Course Work or Experience							
English/Language Arts	91,995	97	44	56	496	487	476
Journalism	11,484	12	30	70	501	480	485
Creative Writing	13,944	15	38	62	499	478	480
American Literature	32,737	35	43	57	519	510	501
Composition/Writing	31,216	33	40	60	522	510	503
British Literature	10,895	12	45	55	517	508	500
World Literature	13,863	15	46	54	517	508	498
Communications	4,443	5	40	60	503	496	486
Public Speaking	11,814	13	41	59	529	518	511
English As Second Language	4,202	4	43	57	421	438	412

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	22,836	25	44	56	546	555	526
4 Years	48,618	54	43	57	506	492	485
3 Years	10,932	12	43	57	459	444	440
2 Years	2,314	3	49	51	447	439	427
1 Year	1,379	2	47	53	432	430	413
1/2 Year or Less	3,734	4	46	54	397	382	382
No Response	32,481		54	46	421	418	405
AP/Honors Courses	52,397	58	43	57	537	539	516
Highest Level of Mathematics Achieved*							
Calculus	23,949	24	49	51	569	590	552
Pre-calculus	25,560	26	43	57	506	498	485
Geometry	46,965	47	43	57	453	431	433
Algebra II	1,692	2	47	53	470	456	447
Algebra I	379	0	47	53	364	348	356

*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	12,892	15	43	57	545	547	525	
4 Years	40,364	48	44	56	524	515	503	
3 Years	22,456	27	41	59	476	463	457	
2 Years	3,454	4	45	55	472	464	451	
1 Year	1,483	2	46	54	449	446	432	
1/2 Year or Less	2,614	3	47	53	403	395	387	
No Response	39,031		53	47	427	423	410	
AP/Honors Courses	47,151	57	42	58	540	536	519	
Course Work or Experience								
Biology	93,301	97	44	56	496	487	476	
Chemistry	85,236	89	44	56	505	498	485	
Physics	40,663	42	51	49	521	526	501	
Geology, Earth, or Space Science	41,694	43	45	55	485	474	465	
Other Sciences	46,370	48	39	61	493	481	473	

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	9,683	12	43	57	545	540	526	
4 Years	40,515	49	44	56	526	517	505	
3 Years	22,096	27	42	58	485	477	465	
2 Years	5,726	7	44	56	465	459	445	
1 Year	1,738	2	43	57	441	435	423	
1/2 Year or Less	2,157	3	48	52	396	389	381	
No Response	40,379		53	47	428	424	411	
AP/Honors Courses	48,937	60	41	59	540	533	519	
Course Work or Experience								
U.S. History	91,560	96	44	56	496	488	476	
World History or Cultures	83,954	88	44	56	499	491	479	
U.S. Government or Civics	67,852	71	43	57	503	494	482	
Economics	62,298	65	42	58	505	497	484	
Geography	29,414	31	45	55	514	507	493	
Psychology	40,752	43	36	64	527	515	507	
European History	12,566	13	46	54	558	547	536	
Sociology	10,258	11	35	65	511	496	491	
Ancient History	3,617	4	51	49	502	491	483	
Other Courses	13,271	14	39	61	524	513	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 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	5,760	7	39	61	551	551	541
4 Years	13,117	16	40	60	555	550	541
3 Years	16,975	21	41	59	526	521	507
2 Years	37,874	46	45	55	494	484	470
1 Year	4,113	5	44	56	447	433	425
1/2 Year or Less	4,437	5	49	51	409	402	390
No Response	40,018		53	47	427	423	411
AP/Honors Courses	26,404	32	39	61	548	545	532
Course Work or Experience							
Chinese	1,866	2	46	54	523	532	502
French	14,551	16	35	65	503	484	481
German	1,583	2	53	47	511	497	481
Greek	288	0	42	58	473	467	461
Hebrew	382	0	43	57	499	492	500
Italian	1,873	2	41	59	493	476	474
Japanese	574	1	51	49	482	469	451
Korean	203	0	40	60	423	419	410
Latin	4,070	4	43	57	546	532	521
Russian	347	0	48	52	447	443	429
Spanish	71,142	76	45	55	497	491	478
Other Languages	5,048	5	34	66	474	465	454

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	4,378	9	35	65	530	515	508
4 Years	8,214	16	33	67	521	504	498
3 Years	5,907	12	33	67	503	487	482
2 Years	10,206	20	40	60	500	487	478
1 Year	13,395	26	45	55	496	489	475
1/2 Year or Less	8,997	18	51	49	481	475	459
No Response	71,197		51	49	467	463	450
AP/Honors Courses	10,421	20	33	67	535	522	514
Course Work or Experience							
Acting or Play Production	13,141	13	31	69	522	496	501
Art History or Appreciation	13,987	14	37	63	512	496	494
Dance	10,382	10	10	90	487	471	476
Drama: Study or Appreciation	14,732	14	29	71	508	485	489
Music: Study or Appreciation	10,666	10	42	58	523	504	501
Music Performance	27,461	27	41	59	517	504	496
Photography or Film	17,686	17	35	65	510	496	492
Studio Art and Design	19,297	19	36	64	511	499	491
None	37,958	37	55	45	447	446	429

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
7,263	18,642	6,519	632	646	624

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	794	11
2	2,860	39
3	2,702	37
4 or More	907	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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	2,214	597	121	1,825	636	106	610	108	624	111
History and Social Studies										
U.S. History	2,594	624	112	2,302	648	89	641	97	638	94
World History	700	623	99	655	661	79	656	88	650	85
Mathematics										
Mathematics Level 1	2,773	599	118	2,360	609	100	629	103	602	104
Mathematics Level 2	3,653	680	96	3,412	650	86	690	76	647	87
Science										
Biology-E	1,077	610	112	950	628	95	632	103	616	98
Biology-M	1,248	662	94	1,168	649	83	663	84	647	88
Chemistry	1,726	663	97	1,618	654	89	688	81	648	91
Physics	1,087	660	89	1,027	647	88	702	71	636	85
Foreign and Classical Languages										
Chinese/Listening	30	728	97	24	631		668		609	
French	214	623	117	197	637	94	637	89	641	91
French/Listening	19	623		18	646		647		626	
German	13	704		11	655		653		653	
German/Listening	9	701		8	640		648		630	
Modern Hebrew	20	547		15	610		627		631	
Italian	11	714		11	626		638		644	
Japanese/Listening	13	642		13	568		602		542	
Korean/Listening	7	739		7	590		646		629	
Latin	41	623	103	39	706	60	690	65	706	57
Spanish	1,041	700	100	964	625	94	630	94	629	98
Spanish/Listening	152	695	105	135	603	77	613	92	612	89

SAT Subject Tests Score Distributions

Table 21: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	201	9	326	13	100	14
700-740	339	15	480	19	75	11
650-690	386	17	462	18	116	17
600-640	352	16	458	18	109	16
550-590	265	12	303	12	126	18
500-540	146	7	203	8	105	15
450-490	181	8	115	4	50	7
400-440	172	8	102	4	18	3
350-390	141	6	109	4	1	0
300-340	28	1	36	1		
250-290	3	0				
200-240						
Total	2,214		2,594		700	
Mean	597		624		623	
SD	121		112		99	
75th percentile	690		710		690	
50th percentile	620		640		620	
25th percentile	500		560		550	

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	206	7	1,173	32	108	10	254	20	395	23	219	20
700-740	470	17	568	16	156	14	253	20	340	20	191	18
650-690	501	18	628	17	196	18	262	21	339	20	223	21
600-640	464	17	620	17	191	18	222	18	266	15	193	18
550-590	313	11	369	10	154	14	135	11	170	10	143	13
500-540	217	8	143	4	91	8	59	5	105	6	69	6
450-490	193	7	76	2	77	7	29	2	55	3	35	3
400-440	194	7	46	1	43	4	10	1	41	2	14	1
350-390	174	6	16	0	39	4	10	1	15	1		
300-340	35	1	14	0	22	2	13	1				
250-290	6	0					1	0				
200-240												
Total	2,773		3,653		1,077		1,248		1,726		1,087	
Mean	599		680		610		662		663		660	
SD	118		96		112		94		97		89	
75th percentile	690		760		690		730		740		730	
50th percentile	620		690		630		680		680		670	
25th percentile	520		620		540		610		600		600	

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	18	60	42	20	4	21	6	46	4	44	3	15
700-740	3	10	24	11	3	16	2	15	2	22	2	10
650-690	4	13	29	14	1	5	3	23	2	22	2	10
600-640	2	7	26	12	3	16	1	8			1	5
550-590	1	3	28	13	3	16					2	10
500-540			28	13	1	5					1	5
450-490	1	3	24	11	3	16					2	10
400-440	1	3	10	5	1	5	1	8			3	15
350-390			3	1					1	11	2	10
300-340											2	10
250-290												
200-240												
Total	30		214		19		13		9		20	
Mean	728		623		623		704		701		547	
SD	97		117									
75th percentile	790		720								650	
50th percentile	780		630								500	
25th percentile	690		520								400	

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	6	55	4	31	5	71	7	17	453	44	68	45
700-740	1	9	3	23	1	14	4	10	202	19	29	19
650-690	1	9	2	15			8	20	124	12	11	7
600-640	1	9	1	8			5	12	95	9	15	10
550-590	1	9					7	17	70	7	11	7
500-540	1	9					6	15	42	4	10	7
450-490					1	14	2	5	28	3	4	3
400-440			1	8			2	5	18	2	3	2
350-390			1	8					7	1	1	1
300-340			1	8					2	0		
250-290												
200-240												
Total	11		13		7		41		1,041		152	
Mean	714		642		739		623		700		695	
SD							103		100		105	
75th percentile							690		790		780	
50th percentile							620		730		740	
25th percentile							520		640		630	

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	955	1	461	455	446
Architecture and Related Services	1,140	1	484	501	471
Area, Ethnic, Cultural and Gender Studies	95	0	502	464	482
Biological and Biomedical Sciences	7,060	8	528	519	507
Business Management, Marketing, and Related Support Services	11,285	12	492	497	477
Communication, Journalism and Related Programs	2,361	3	515	482	503
Computer and Information Sciences and Support Services	3,063	3	525	527	487
Construction Trades	31	0	444	467	427
Education	2,528	3	487	466	471
Engineering	8,630	9	529	556	501
Engineering Technologies/Technicians	1,271	1	473	491	443
English Language and Literature/Letters	969	1	575	508	550
Family and Consumer Sciences/Human Sciences	192	0	460	450	444
Foreign Languages, Literatures, and Linguistics	405	0	540	494	514
Health Professions and Related Clinical Services	20,284	22	484	477	470
History	507	1	540	490	503
Legal Professions and Studies	2,817	3	518	495	496
Liberal Arts and Sciences, General Studies, and Humanities	405	0	504	476	486
Library Science And Administration	19	0	544	480	529
Mathematics and Statistics	607	1	540	594	526
Mechanic and Repair Technologies/Technician	207	0	405	411	384
Military Technologies And Applied Sciences	640	1	456	452	427
Multi/Interdisciplinary Studies	702	1	558	547	537
Natural Resources and Conservation	381	0	519	498	496
Parks, Recreation, Leisure and Fitness Studies	884	1	431	442	420
Personal and Culinary Services	382	0	441	428	414
Philosophy and Religious Studies	207	0	528	499	492
Physical Sciences	1,025	1	555	552	526
Precision Production	3	0			
Psychology	4,539	5	506	475	486
Public Administration and Social Services Professions	279	0	471	448	457
Security and Protective Services	3,188	3	454	439	432
Social Sciences	1,500	2	552	519	528
Theology and Religious Vocations	118	0	506	486	479
Transportation and Materials Moving	56	0	460	460	434
Visual and Performing Arts	6,883	7	500	474	479
Other	1,553	2	450	440	431
Undecided	5,537	6	514	510	495
Degree-Level Goal					
Certificate Program	1,089	1	411	407	391
Associate Degree	1,608	2	397	382	382
Bachelor's Degree	22,393	23	475	464	452
Master's Degree	31,271	32	507	502	488
Doctoral or Related Degree	27,483	28	524	516	505
Other	719	1	380	381	374
Undecided	12,267	13	483	475	463

College Plans

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

Of the 123,038 students from your state who took the SAT and/or an SAT Subject Test, 67,050 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 2,431 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Central Florida	FL	Public	25,422	37.9
University of Florida	FL	Public	23,135	34.5
Florida State University	FL	Public	22,906	34.2
University of South Florida	FL	Public	19,296	28.8
Florida International University	FL	Public	13,395	20.0
Florida Atlantic University	FL	Public	11,478	17.1
Florida Gulf Coast University	FL	Public	9,592	14.3
University of Miami	FL	Private	6,923	10.3
University of North Florida	FL	Public	6,703	10.0
Duke University Talent Identification Program	NC	Scholarship	4,509	6.7
Miami Dade College	FL	Public	3,189	4.8
Stetson University	FL	Private	3,034	4.5
University of Tampa	FL	Private	2,737	4.1
NCAA Eligibility Center	IN	Public	2,671	4.0
University of West Florida	FL	Public	2,579	3.8
Florida Agricultural and Mechanical University	FL	Public	2,503	3.7
New York University	NY	Private	2,280	3.4
University of Alabama	AL	Public	2,264	3.4
Valencia College	FL	Public	1,969	2.9
Harvard College	MA	Private	1,937	2.9
Duke University	NC	Private	1,910	2.8
Georgia Institute of Technology	GA	Public	1,876	2.8
Vanderbilt University	TN	Private	1,759	2.6
Nova Southeastern University	FL	Private	1,736	2.6
Boston University	MA	Private	1,736	2.6
Stanford University	CA	Private	1,696	2.5
University of North Carolina at Chapel Hill	NC	Public	1,666	2.5
Columbia University	NY	Private	1,604	2.4
University of Pennsylvania	PA	Private	1,556	2.3
Cornell University	NY	Private	1,528	2.3
Auburn University	AL	Public	1,479	2.2
Yale University	CT	Private	1,476	2.2
Rollins College	FL	Private	1,464	2.2
Florida Southern College	FL	Private	1,456	2.2
Princeton University	NJ	Private	1,395	2.1
Flagler College	FL	Private	1,323	2.0
Emory University	GA	Private	1,229	1.8
Massachusetts Institute of Technology	MA	Private	1,180	1.8
Florida Institute of Technology	FL	Private	1,157	1.7
University of Southern California	CA	Private	1,149	1.7
University of Chicago	IL	Private	1,143	1.7
University of California: Berkeley	CA	Public	1,142	1.7
University of California: Los Angeles	CA	Public	1,133	1.7
University of Michigan	MI	Public	1,102	1.6
Tulane University	LA	Private	1,078	1.6

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

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