

SAT[®]

2016 College-Bound Seniors

State Profile Report



MARYLAND

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	47,449	490	125	490	129	476	122	47.9	12.2	6.8	1.8

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	22,036	488	128	503	135	467	124	47.3	12.3	6.5	1.9
Female	25,413	491	121	480	122	484	120	48.4	12.1	7.1	1.6

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)	26,776	493	110	493	116	478	109	47.9	10.9	6.9	1.7
Junior (2014-2015)	20,543	485	141	487	144	474	138	47.7	13.7	6.7	1.9
Sophomore (2013-2014)	122	557	127	570	110	532	125	54.1	12.8	7.0	1.7
Freshman (2012-2013)	8	546		533		523		55.6		5.9	
Total	47,449	490	125	490	129	476	122	47.9	12.2	6.8	1.8

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	580	580	560	570	590	560
50th	490	490	470	490	500	480
25th	400	400	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	1,212	1,290	2,502	1,784	1,108	2,892	867	1,167	2,034
600-690	3,497	3,940	7,437	4,179	3,615	7,794	2,650	3,530	6,180
500-590	5,749	6,807	12,556	5,441	6,367	11,808	5,257	6,734	11,991
400-490	6,362	7,842	14,204	5,567	7,790	13,357	6,661	7,806	14,467
300-390	3,642	4,177	7,819	3,570	4,902	8,472	4,907	4,967	9,874
200-290	1,574	1,357	2,931	1,495	1,631	3,126	1,694	1,209	2,903

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	40,286	86	46	54	480	482	466
Religiously Affiliated	5,219	11	49	51	538	529	525
Independent	1,577	3	50	50	571	576	566
Other or Unknown	367		50	50	543	516	514

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	221	0	439	129	437	135	424	125
Asian or Asian American	3,881	8	542	128	586	130	544	130
Black or African American	15,368	32	421	108	412	105	409	101
Native Hawaiian or Pacific Islander	19	0	455		465		451	
Hispanic, Latino, or Latin American	4,575	10	455	117	450	116	441	114
White	20,304	43	541	106	543	108	524	107
Two or More Races, non-Hispanic	892	2	512	111	505	112	491	110
Other	708	1	496	138	492	137	485	132
No Response	1,481	3	460	140	454	142	443	136
Total	47,449	100	490	125	490	129	476	122

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	111	0	438	142	451	151	417	142
Asian or Asian American	1,858	4	537	131	597	131	532	134
Black or African American	6,993	15	414	109	413	109	395	100
Native Hawaiian or Pacific Islander	10	0	454		490		437	
Hispanic, Latino, or Latin American	2,079	4	453	119	462	122	431	115
White	9,569	20	543	108	562	110	516	108
Two or More Races, non-Hispanic	331	1	509	108	524	117	476	106
Other	327	1	490	146	500	145	471	132
No Response	758	2	455	141	465	147	432	136
Total	22,036	46	488	128	503	135	467	124

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	110	0	440	115	423	115	431	106
Asian or Asian American	2,023	4	547	125	576	128	554	126
Black or African American	8,375	18	427	106	410	101	420	100
Native Hawaiian or Pacific Islander	9	0	457		438		467	
Hispanic, Latino, or Latin American	2,496	5	456	116	441	111	449	112
White	10,735	23	539	104	527	104	531	105
Two or More Races, non-Hispanic	561	1	514	112	493	108	500	111
Other	381	1	502	131	485	128	497	131
No Response	723	2	466	138	443	136	455	136
Total	25,413	54	491	121	480	122	484	120

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	47,449	100	490	125	490	129	476	122
First Language Learned								
English	37,153	79	494	121	491	125	478	119
English and Another	6,416	14	487	131	491	138	479	130
Another Language	3,216	7	471	134	506	145	473	135
No Response	664		396	142	389	138	383	136
Citizenship								
U.S. Citizen / U.S. National	44,015	95	495	123	493	127	480	120
U.S. Permanent Resident or Refugee	1,633	4	452	129	478	138	453	127
Citizen of Another Country	697	2	459	128	531	150	469	129
Other, Unknown, or No Response	1,104		356	109	368	122	351	109
Plans to Apply for Financial Aid								
Yes	28,770	76	500	115	498	120	485	114
No	2,317	6	537	119	550	126	528	121
Don't Know	6,943	18	506	127	514	134	494	125
No Response	9,419		435	134	436	136	424	129
Family Income								
Less than \$20,000	2,252	9	414	108	414	108	405	100
About \$20,000 to \$40,000	2,969	12	455	107	454	110	441	103
About \$40,001 to \$60,000	2,940	11	475	104	476	109	459	104
About \$60,001 to \$80,000	2,823	11	495	106	494	112	478	105
About \$80,001 to \$100,000	3,238	13	516	105	514	110	497	104
About \$100,001 to \$140,000	4,731	18	529	107	533	111	511	107
About \$140,001 to \$200,000	3,694	14	545	109	551	112	530	107
More than \$200,000	3,169	12	573	103	583	109	566	108
No Response	21,633		470	132	468	135	457	128
Highest Level of Parental Education								
No High School Diploma	1,776	4	399	103	403	108	392	97
High School Diploma	11,448	28	445	106	444	109	430	100
Associate Degree	2,661	6	470	99	468	102	452	96
Bachelor's Degree	12,660	31	516	107	518	114	501	106
Graduate Degree	12,531	31	561	115	562	120	548	115
No Response	6,373		410	128	411	129	401	123
Took the PSAT/NMSQT®								
Yes, As a Junior	5,731	16	496	127	498	131	485	126
Yes, As a Sophomore or Younger	9,938	27	481	115	483	123	467	112
Yes, As a Junior and As a Sophomore or Younger	17,866	49	542	112	545	116	529	111
No	2,643	7	419	122	417	123	406	112
No Response	11,271		429	113	424	113	412	107

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	4,781	29	44	56	585	598	576
Second Tenth	4,327	26	48	52	509	519	497
Second Fifth	3,511	21	49	51	477	479	462
Final Three Fifths	3,726	23	49	51	438	433	421
No Response	31,104		46	54	480	478	466

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	2,014	5	37	63	600	609	594
A (93–96)	7,181	16	38	62	576	586	567
A- (90–92)	7,873	18	41	59	543	550	533
B (80–89)	20,831	47	49	51	468	466	451
C (70–79)	6,361	14	56	44	397	390	381
D, E, or F (below 70)	316	1	61	39	361	353	344
No Response	2,873		51	49	431	422	416
Mean Grade Point Average	All Students: 3.23		Male: 3.14		Female: 3.31		

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	2.1	2.5	2.3	3.76	3.87	3.82
English and Language Arts	3.8	3.8	3.8	3.24	3.46	3.36
Foreign and Classical Languages	2.9	3.1	3.0	3.24	3.48	3.38
Mathematics	3.8	3.8	3.8	3.09	3.11	3.10
Natural Sciences	3.5	3.5	3.5	3.26	3.33	3.30
Social Sciences and History	3.5	3.5	3.5	3.39	3.44	3.42
Total for All Subjects	19.6	20.2	19.9			

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	5,197	15	42	58	543	545	531
4 Years	22,547	67	45	55	525	525	509
3 Years	3,622	11	44	56	460	459	446
2 Years	794	2	48	52	463	466	448
1 Year	573	2	43	57	428	424	414
1/2 Year or Less	1,108	3	47	53	382	389	373
No Response	13,608		51	49	433	433	421
AP [®] /Honors Courses	20,571	61	41	59	547	548	533
Course Work or Experience							
English/Language Arts	35,027	97	45	55	502	502	488
Journalism	3,117	9	34	66	509	491	498
Creative Writing	5,306	15	36	64	509	491	495
American Literature	14,435	40	43	57	529	525	514
Composition/Writing	10,820	30	42	58	523	516	508
British Literature	5,644	16	44	56	532	524	518
World Literature	6,725	19	46	54	524	517	509
Communications	1,350	4	44	56	475	475	465
Public Speaking	3,022	8	42	58	504	495	490
English As Second Language	1,305	4	44	56	421	460	422

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	9,069	25	45	55	549	565	536
4 Years	19,308	54	45	55	520	517	504
3 Years	4,236	12	45	55	451	441	438
2 Years	800	2	49	51	441	446	430
1 Year	556	2	44	56	420	427	409
1/2 Year or Less	1,827	5	45	55	383	379	373
No Response	11,653		51	49	431	430	420
AP/Honors Courses	19,265	54	45	55	553	568	539
Highest Level of Mathematics Achieved*							
Calculus	13,364	35	49	51	578	604	566
Pre-calculus	9,428	24	42	58	502	495	485
Geometry	14,341	37	43	57	435	419	421
Algebra II	675	2	50	50	447	426	427
Algebra I	354	1	44	56	388	384	383

*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	4,633	14	44	56	554	566	543	
4 Years	15,286	46	45	55	536	538	521	
3 Years	9,817	30	42	58	484	478	468	
2 Years	1,363	4	49	51	480	480	463	
1 Year	733	2	47	53	455	462	441	
1/2 Year or Less	1,293	4	43	57	393	392	385	
No Response	14,324		51	49	435	435	423	
AP/Honors Courses	17,296	52	43	57	556	565	542	
Course Work or Experience								
Biology	36,478	98	45	55	503	503	489	
Chemistry	33,891	91	44	56	511	512	497	
Physics	19,922	54	50	50	539	550	524	
Geology, Earth, or Space Science	15,730	42	45	55	485	480	470	
Other Sciences	14,436	39	39	61	502	498	487	

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	3,853	12	44	56	551	552	538	
4 Years	14,951	46	45	55	537	535	522	
3 Years	11,127	34	42	58	493	497	478	
2 Years	1,201	4	49	51	464	472	449	
1 Year	626	2	45	55	429	429	416	
1/2 Year or Less	1,024	3	45	55	381	385	373	
No Response	14,667		51	49	435	435	423	
AP/Honors Courses	18,558	57	43	57	553	555	538	
Course Work or Experience								
U.S. History	35,184	96	45	55	504	504	490	
World History or Cultures	32,372	88	44	56	506	507	491	
U.S. Government or Civics	32,639	89	44	56	505	505	490	
Economics	6,417	17	50	50	532	537	521	
Geography	3,690	10	48	52	512	509	496	
Psychology	14,540	40	36	64	523	518	509	
European History	4,196	11	49	51	555	546	538	
Sociology	4,612	13	34	66	499	490	484	
Ancient History	2,135	6	50	50	532	523	513	
Other Courses	5,018	14	44	56	522	513	506	

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	4,014	12	38	62	569	568	560
4 Years	7,804	24	41	59	558	558	549
3 Years	9,974	30	46	54	515	518	499
2 Years	8,596	26	48	52	477	477	458
1 Year	970	3	49	51	438	442	422
1/2 Year or Less	1,468	4	49	51	397	402	385
No Response	14,623		51	49	434	434	422
AP/Honors Courses	11,436	35	41	59	565	571	555
Course Work or Experience							
Chinese	1,102	3	49	51	525	545	510
French	7,118	20	38	62	511	504	496
German	1,154	3	58	42	530	526	501
Greek	96	0	58	42	476	459	458
Hebrew	215	1	41	59	544	520	540
Italian	659	2	42	58	482	467	461
Japanese	417	1	49	51	500	496	479
Korean	82	0	44	56	424	446	415
Latin	2,347	6	51	49	553	551	535
Russian	213	1	50	50	485	486	474
Spanish	26,059	72	46	54	497	498	484
Other Languages	1,275	3	34	66	485	481	471

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	2,079	10	35	65	534	528	521
4 Years	3,814	19	35	65	532	521	516
3 Years	2,704	13	35	65	502	491	485
2 Years	4,208	20	43	57	498	494	480
1 Year	5,615	27	49	51	502	509	486
1/2 Year or Less	2,171	11	49	51	466	469	450
No Response	26,858		50	50	477	480	465
AP/Honors Courses	4,130	20	34	66	542	539	530
Course Work or Experience							
Acting or Play Production	5,660	15	32	68	542	521	525
Art History or Appreciation	5,354	15	45	55	506	500	492
Dance	5,209	14	10	90	483	473	477
Drama: Study or Appreciation	5,436	15	31	69	518	501	501
Music: Study or Appreciation	4,354	12	49	51	530	522	514
Music Performance	14,755	40	43	57	527	525	513
Photography or Film	7,554	21	35	65	514	507	501
Studio Art and Design	9,507	26	37	63	523	518	508
None	6,704	18	57	43	443	448	432

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
5,150	12,752	4,611	649	664	645

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	572	11
2	2,260	44
3	1,793	35
4 or More	525	10

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	1,574	627	117	1,375	654	107	630	112	647	111
History and Social Studies										
U.S. History	1,431	641	110	1,259	660	97	651	104	651	100
World History	563	653	97	502	678	78	669	85	670	84
Mathematics										
Mathematics Level 1	1,367	603	116	1,184	610	108	625	111	607	111
Mathematics Level 2	3,140	699	90	2,839	665	89	700	78	666	88
Science										
Biology-E	664	628	106	593	647	102	648	99	638	103
Biology-M	848	671	99	772	661	91	682	91	661	96
Chemistry	1,189	673	100	1,078	665	90	703	76	665	90
Physics	963	672	91	889	668	91	709	76	657	89
Foreign and Classical Languages										
Chinese/Listening	77	753	71	73	669	99	714	76	677	95
French	190	644	112	171	665	81	656	86	669	85
French/Listening	37	686	88	32	637	91	640	96	638	104
German	6	660		5	698		698		676	
German/Listening	12	563		10	682		658		652	
Modern Hebrew	19	599		14	689		684		691	
Italian	10	728		10	632		615		628	
Japanese/Listening	20	661		18	638		658		639	
Korean/Listening	21	761		20	580		703		627	
Latin	73	597	96	70	666	72	652	87	660	83
Spanish	490	637	104	438	664	82	657	88	669	82
Spanish/Listening	58	646	110	53	641	94	633	78	641	85

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	199	13	254	18	108	19
700-740	335	21	254	18	108	19
650-690	299	19	291	20	101	18
600-640	253	16	232	16	88	16
550-590	164	10	138	10	76	13
500-540	84	5	98	7	51	9
450-490	73	5	65	5	17	3
400-440	69	4	32	2	10	2
350-390	62	4	46	3	2	0
300-340	34	2	20	1	2	0
250-290	2	0	1	0		
200-240						
Total	1,574		1,431		563	
Mean	627		641		653	
SD	117		110		97	
75th percentile	720		730		730	
50th percentile	660		660		660	
25th percentile	570		580		580	

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	87	6	1,239	39	79	12	214	25	338	28	247	26
700-740	245	18	542	17	114	17	181	21	248	21	178	18
650-690	255	19	514	16	125	19	170	20	201	17	188	20
600-640	226	17	441	14	128	19	120	14	155	13	155	16
550-590	200	15	252	8	106	16	79	9	107	9	103	11
500-540	102	7	76	2	46	7	41	5	60	5	54	6
450-490	77	6	26	1	25	4	14	2	48	4	24	2
400-440	67	5	24	1	10	2	11	1	21	2	12	1
350-390	73	5	16	1	14	2	7	1	10	1	2	0
300-340	30	2	10	0	14	2	10	1	1	0		
250-290	5	0			2	0	1	0				
200-240					1	0						
Total	1,367		3,140		664		848		1,189		963	
Mean	603		699		628		671		673		672	
SD	116		90		106		99		100		91	
75th percentile	690		780		700		750		750		750	
50th percentile	630		720		640		690		690		680	
25th percentile	540		640		570		610		610		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	58	75	45	24	12	32	2	33	1	8	5	26
700-740	8	10	24	13	6	16			2	17	1	5
650-690	3	4	22	12	5	14	2	33				
600-640	4	5	30	16	7	19	1	17	1	8		
550-590	1	1	31	16	5	14			3	25	4	21
500-540	3	4	20	11	1	3	1	17	1	8	5	26
450-490			10	5	1	3			2	17	4	21
400-440			5	3					1	8		
350-390			3	2								
300-340									1	8		
250-290												
200-240												
Total	77		190		37		6		12		19	
Mean	753		644		686		660		563		599	
SD	71		112		88							
75th percentile	800		740		770							
50th percentile	780		640		670							
25th percentile	740		570		610							

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	60	8	40	17	81	7	10	78	16	14	24
700-740	2	20	2	10	1	5	6	8	80	16	7	12
650-690			2	10	2	10	10	14	102	21	11	19
600-640			1	5			9	12	81	17	5	9
550-590			2	10	1	5	17	23	53	11	11	19
500-540	2	20	1	5			12	16	41	8	3	5
450-490			3	15			10	14	24	5	4	7
400-440			1	5			2	3	21	4	2	3
350-390									9	2	1	2
300-340									1	0		
250-290												
200-240												
Total	10		20		21		73		490		58	
Mean	728		661		761		597		637		646	
SD							96		104		110	
75th percentile			760		790		660		710		740	
50th percentile			690		780		580		660		670	
25th percentile			500		760		540		570		550	

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	317	1	483	475	465
Architecture and Related Services	450	1	491	512	478
Area, Ethnic, Cultural and Gender Studies	43	0	558	513	530
Biological and Biomedical Sciences	2,961	8	539	542	528
Business Management, Marketing, and Related Support Services	4,521	12	489	502	477
Communication, Journalism and Related Programs	925	2	512	480	502
Computer and Information Sciences and Support Services	1,898	5	521	540	494
Construction Trades	11	0	444	409	400
Education	1,623	4	490	482	480
Engineering	4,031	11	536	571	516
Engineering Technologies/Technicians	505	1	457	481	441
English Language and Literature/Letters	433	1	563	500	543
Family and Consumer Sciences/Human Sciences	133	0	446	439	441
Foreign Languages, Literatures, and Linguistics	224	1	560	530	548
Health Professions and Related Clinical Services	6,042	16	484	483	476
History	288	1	540	505	512
Legal Professions and Studies	809	2	519	497	505
Liberal Arts and Sciences, General Studies, and Humanities	261	1	555	526	538
Library Science And Administration	3	0			
Mathematics and Statistics	321	1	565	621	557
Mechanic and Repair Technologies/Technician	60	0	420	437	405
Military Technologies And Applied Sciences	216	1	484	484	450
Multi/Interdisciplinary Studies	280	1	579	577	569
Natural Resources and Conservation	226	1	543	529	526
Parks, Recreation, Leisure and Fitness Studies	353	1	426	435	411
Personal and Culinary Services	194	1	423	419	409
Philosophy and Religious Studies	53	0	527	507	515
Physical Sciences	582	2	562	573	541
Precision Production	0	0			
Psychology	1,750	5	505	476	490
Public Administration and Social Services Professions	162	0	478	450	462
Security and Protective Services	1,346	4	451	446	436
Social Sciences	754	2	575	544	558
Theology and Religious Vocations	31	0	522	506	500
Transportation and Materials Moving	9	0	506	488	446
Visual and Performing Arts	2,804	7	496	475	481
Other	560	1	440	438	429
Undecided	2,768	7	537	542	523
Degree-Level Goal					
Certificate Program	290	1	403	407	391
Associate Degree	397	1	374	372	361
Bachelor's Degree	9,636	25	478	480	462
Master's Degree	13,519	36	510	512	496
Doctoral or Related Degree	8,921	23	536	534	523
Other	237	1	376	373	372
Undecided	5,000	13	509	509	496

College Plans

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

Of the 47,988 students from your state who took the SAT and/or an SAT Subject Test, 32,460 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 2,012 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Maryland: College Park	MD	Public	12,039	37.1
Towson University	MD	Public	9,282	28.6
University of Maryland: Baltimore County	MD	Public	6,906	21.3
Salisbury University	MD	Public	5,084	15.7
Stevenson University	MD	Private	2,925	9.0
Penn State University Park	PA	Public	2,880	8.9
Frostburg State University	MD	Public	2,813	8.7
University of Maryland: Eastern Shore	MD	Public	2,428	7.5
Bowie State University	MD	Public	2,305	7.1
Johns Hopkins University	MD	Private	2,117	6.5
Morgan State University	MD	Public	2,116	6.5
University of Delaware	DE	Public	2,081	6.4
West Virginia University	WV	Public	1,934	6.0
Mount St. Mary's University	MD	Other	1,916	5.9
NCAA Eligibility Center	IN	Public	1,747	5.4
Virginia Tech	VA	Public	1,732	5.3
Loyola University Maryland	MD	Private	1,620	5.0
Howard University	DC	Private	1,593	4.9
James Madison University	VA	Public	1,512	4.7
University of Virginia	VA	Public	1,510	4.7
St. Mary's College of Maryland	MD	Public	1,371	4.2
University of Pennsylvania	PA	Private	1,364	4.2
Cornell University	NY	Private	1,262	3.9
New York University	NY	Private	1,209	3.7
University of North Carolina at Chapel Hill	NC	Public	1,206	3.7
University of South Carolina: Columbia	SC	Public	1,180	3.6
McDaniel College	MD	Private	1,130	3.5
Temple University	PA	Private	1,123	3.5
Hampton University	VA	Private	1,093	3.4
University of Pittsburgh	PA	Private	1,086	3.3
George Mason University	VA	Public	1,079	3.3
Drexel University	PA	Private	1,035	3.2
Georgetown University	DC	Private	1,035	3.2
Boston University	MA	Private	1,015	3.1
George Washington University	DC	Private	1,005	3.1
University of Michigan	MI	Public	992	3.1
York College of Pennsylvania	PA	Private	927	2.9
Princeton University	NJ	Private	926	2.9
American University	DC	Private	909	2.8
Duke University	NC	Private	908	2.8
Coastal Carolina University	SC	Public	869	2.7
Carnegie Mellon University	PA	Private	848	2.6
Washington College	MD	Private	843	2.6
Clemson University	SC	Public	833	2.6
North Carolina State University	NC	Public	826	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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