

SAT[®]

2016 College-Bound Seniors

State Profile Report



IOWA

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.

Table of Contents

SAT®

SAT Data	Page 1
----------	--------

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity	Page 3
---------------------------------------------	--------

Table 8: Total Mean Scores by Ethnicity
Table 9: Male Mean Scores by Ethnicity
Table 10: Female Mean Scores by Ethnicity

SAT: Student Background Information and Characteristics	Page 4
---------------------------------------------------------	--------

Table 11: Student Background Information and Characteristics

Academic Information

Academic Record	Page 5
-----------------	--------

Table 12: High School Rank
Table 13: High School Grade Point Average
Table 14: Average Years of Study in Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

Table 15: English, Mathematics
Table 16: Natural Sciences, Social Sciences and History
Table 17: Foreign and Classical Languages
Table 18: Arts and Music

SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

Table 19: Number of Test-Takers and Tests for SAT Subject Tests
Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

Table 21: English, History and Social Studies
Table 22: Mathematics, Science
Table 23: Foreign and Classical Languages
Table 24: Foreign and Classical Languages (continued)

College Plans

Intended College Major, Degree-Level Goal	Page 13
-------------------------------------------	---------

Table 25: Intended College Major, Degree-Level Goal

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
-----------------------------------------------------------------------------------	---------

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

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	878	602	116	611	113	572	113	58.3	11.6	7.3	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	401	615	112	644	106	577	108	59.0	11.2	7.2	1.6
Female	477	591	119	583	111	568	116	57.7	11.9	7.3	1.5

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the pre-March 2016 SAT.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2015-2016)	396	594	127	605	119	566	123	57.7	12.6	7.2	1.7
Junior (2014-2015)	459	611	106	615	107	579	104	59.0	10.7	7.3	1.4
Sophomore (2013-2014)	16	579		621		543		55.3		7.2	
Freshman (2012-2013)	7	581		567		559		58.0		6.7	
Total	878	602	116	611	113	572	113	58.3	11.6	7.3	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	680	700	650	570	590	560
50th	610	610	580	490	500	480
25th	530	530	500	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	97	109	206	140	83	223	51	62	113
600-690	151	137	288	145	139	284	143	145	288
500-590	94	129	223	82	146	228	122	144	266
400-490	44	69	113	26	92	118	64	88	152
300-390	9	27	36	6	14	20	16	30	46
200-290	6	6	12	2	3	5	5	8	13

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	687	81	48	52	612	620	581
Religiously Affiliated	132	16	37	63	550	570	527
Independent	25	3	64	36	528	577	510
Other or Unknown	34		24	76	659	610	619

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	2	0						
Asian or Asian American	126	14	570	139	660	106	567	140
Black or African American	41	5	520	127	497	101	476	117
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	42	5	561	124	550	124	526	104
White	600	68	616	104	612	107	582	100
Two or More Races, non-Hispanic	17	2	664		629		629	
Other	14	2	595		590		561	
No Response	35	4	616	138	622	114	579	134
Total	878	100	602	116	611	113	572	113

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	2	0						
Asian or Asian American	65	7	596	129	684	92	580	113
Black or African American	14	2	501		510		455	
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	19	2	597		631		560	
White	269	31	626	101	642	103	583	101
Two or More Races, non-Hispanic	7	1	656		641		629	
Other	5	1	624		664		578	
No Response	19	2	621		658		591	
Total	401	46	615	112	644	106	577	108

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	0	0						
Asian or Asian American	61	7	542	144	635	113	552	162
Black or African American	27	3	530	139	490	103	486	120
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	23	3	531		483		499	
White	331	38	607	105	588	104	582	100
Two or More Races, non-Hispanic	10	1	669		620		630	
Other	9	1	579		549		552	
No Response	16	2	611		578		564	
Total	477	54	591	119	583	111	568	116

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	878	100	602	116	611	113	572	113
First Language Learned								
English	678	78	617	103	609	110	582	103
English and Another	100	12	585	130	614	126	567	133
Another Language	86	10	497	141	618	114	498	134
No Response	14		641		644		602	
Citizenship								
U.S. Citizen / U.S. National	792	91	615	106	612	112	581	106
U.S. Permanent Resident or Refugee	18	2	564		594		538	
Citizen of Another Country	56	6	447	129	596	118	462	141
Other, Unknown, or No Response	12		551		641		545	
Plans to Apply for Financial Aid								
Yes	631	80	607	113	610	112	576	108
No	60	8	575	123	614	114	562	129
Don't Know	93	12	586	133	602	126	552	126
No Response	94		603	111	620	99	573	116
Family Income								
Less than \$20,000	28	4	541	117	551	116	526	116
About \$20,000 to \$40,000	61	10	518	116	554	114	496	113
About \$40,001 to \$60,000	71	11	577	115	576	106	547	109
About \$60,001 to \$80,000	70	11	614	96	614	116	569	112
About \$80,001 to \$100,000	87	14	591	103	597	106	558	101
About \$100,001 to \$140,000	151	24	635	97	634	99	601	97
About \$140,001 to \$200,000	76	12	646	96	641	109	616	87
More than \$200,000	79	13	625	107	647	109	609	106
No Response	255		597	128	610	113	567	119
Highest Level of Parental Education								
No High School Diploma	12	1	470		503		440	
High School Diploma	109	13	531	111	543	109	495	108
Associate Degree	46	5	543	111	548	111	523	87
Bachelor's Degree	266	32	593	111	601	107	566	107
Graduate Degree	411	49	638	104	646	102	608	101
No Response	34		596	105	596	111	550	119
Took the PSAT/NMSQT®								
Yes, As a Junior	221	35	602	106	608	103	571	100
Yes, As a Sophomore or Younger	98	16	605	92	598	99	565	87
Yes, As a Junior and As a Sophomore or Younger	193	31	663	87	680	84	631	91
No	119	19	531	110	551	113	507	99
No Response	247		589	131	593	119	561	131

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	314	67	49	51	649	664	624
Second Tenth	88	19	40	60	583	578	542
Second Fifth	48	10	58	42	541	557	496
Final Three Fifths	19	4	47	53	446	474	421
No Response	409		43	57	585	589	555

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)	200	24	46	55	665	674	636
A (93–96)	329	39	46	54	624	635	599
A- (90–92)	162	19	44	56	577	585	548
B (80–89)	127	15	47	53	514	518	474
C (70–79)	15	2	67	33	463	455	411
D, E, or F (below 70)	2	0	0	100			
No Response	43		40	60	543	555	506
Mean Grade Point Average	All Students: 3.84		Male: 3.83		Female: 3.84		

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	2.8	3.1	3.0	3.94	3.96	3.95
English and Language Arts	4.0	4.1	4.0	3.73	3.85	3.79
Foreign and Classical Languages	3.5	3.5	3.5	3.73	3.77	3.75
Mathematics	4.2	4.0	4.1	3.71	3.63	3.66
Natural Sciences	4.0	3.8	3.9	3.75	3.74	3.74
Social Sciences and History	3.7	3.7	3.7	3.80	3.80	3.80
Total for All Subjects	22.2	22.2	22.2			

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	153	21	31	69	614	621	585
4 Years	506	69	50	50	616	620	584
3 Years	51	7	43	57	538	575	519
2 Years	10	1	70	30	560	530	509
1 Year	3	0	33	67			
1/2 Year or Less	14	2	36	64	532	575	519
No Response	141		48	52	578	588	547
AP@/Honors Courses	400	54	47	53	652	651	620
Course Work or Experience							
English/Language Arts	735	96	45	55	606	609	576
Journalism	94	12	20	80	598	591	581
Creative Writing	159	21	30	70	583	567	557
American Literature	424	55	42	58	607	610	581
Composition/Writing	510	67	44	56	601	605	570
British Literature	124	16	43	57	640	641	619
World Literature	181	24	48	52	612	613	579
Communications	83	11	42	58	578	588	562
Public Speaking	303	40	43	57	603	601	571
English As Second Language	33	4	45	55	423	575	460

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	275	35	51	49	630	659	607
4 Years	400	51	44	56	606	601	573
3 Years	74	9	31	69	544	524	510
2 Years	10	1	40	60	514	512	444
1 Year	7	1	29	71	510	570	506
1/2 Year or Less	17	2	41	59	493	504	474
No Response	95		52	48	586	608	554
AP/Honors Courses	453	58	51	49	642	662	614
Highest Level of Mathematics Achieved*							
Calculus	470	60	52	48	641	665	614
Pre-calculus	182	23	38	62	567	556	529
Geometry	115	15	29	71	513	487	483
Algebra II	6	1	33	67	445	402	392
Algebra I	1	0	0	100			

*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 16: Natural Sciences, Social Sciences and History

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	174	23	49	51	624	663	601
4 Years	388	52	48	52	616	616	584
3 Years	156	21	37	63	574	565	542
2 Years	10	1	10	90	537	502	480
1 Year	5	1	20	80	510	588	500
1/2 Year or Less	16	2	44	56	504	527	496
No Response	129		48	52	585	599	555
AP/Honors Courses	371	50	52	48	647	665	617
Course Work or Experience							
Biology	724	94	44	56	605	608	574
Chemistry	723	94	45	55	606	613	577
Physics	570	74	51	49	618	634	587
Geology, Earth, or Space Science	328	43	43	57	596	589	561
Other Sciences	309	40	39	61	588	593	558

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	100	13	43	57	618	631	586
4 Years	396	53	45	55	623	624	591
3 Years	190	26	48	52	593	604	564
2 Years	29	4	41	59	524	539	494
1 Year	12	2	33	67	448	539	457
1/2 Year or Less	14	2	29	71	506	514	494
No Response	137		49	51	585	599	553
AP/Honors Courses	376	51	48	52	650	651	616
Course Work or Experience							
U.S. History	737	96	45	55	603	610	572
World History or Cultures	554	72	46	54	603	606	572
U.S. Government or Civics	669	87	44	56	609	613	579
Economics	487	63	47	53	613	620	584
Geography	200	26	43	58	582	580	557
Psychology	364	47	40	60	602	608	574
European History	174	23	47	53	641	637	605
Sociology	160	21	38	63	575	578	550
Ancient History	59	8	46	54	562	574	531
Other Courses	147	19	44	56	596	606	565

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	101	14	33	67	600	613	575
4 Years	391	53	49	51	636	644	606
3 Years	110	15	49	51	592	594	557
2 Years	99	13	41	59	563	559	533
1 Year	16	2	56	44	507	527	453
1/2 Year or Less	23	3	30	70	513	523	492
No Response	138		48	52	571	590	542
AP/Honors Courses	172	23	44	56	658	669	636
Course Work or Experience							
Chinese	42	6	52	48	575	650	560
French	143	19	32	68	607	606	584
German	56	7	52	48	637	624	585
Greek	5	1	40	60	642	606	662
Hebrew	1	0	0	100			
Italian	10	1	40	60	608	598	563
Japanese	19	3	58	42	630	620	573
Korean	1	0	0	100			
Latin	28	4	43	57	644	604	628
Russian	5	1	80	20	540	554	496
Spanish	519	69	46	54	602	605	573
Other Languages	22	3	41	59	496	550	474

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	88	20	36	64	621	637	599
4 Years	146	33	45	55	643	637	618
3 Years	39	9	49	51	591	600	555
2 Years	59	13	34	66	572	591	545
1 Year	66	15	44	56	560	592	542
1/2 Year or Less	50	11	66	34	580	581	535
No Response	430		47	53	599	606	566
AP/Honors Courses	35	8	26	74	633	624	619
Course Work or Experience							
Acting or Play Production	226	31	37	63	624	612	591
Art History or Appreciation	90	12	31	69	567	572	554
Dance	116	16	24	76	577	584	561
Drama: Study or Appreciation	131	18	37	63	611	603	579
Music: Study or Appreciation	116	16	41	59	625	626	606
Music Performance	487	66	43	57	627	631	598
Photography or Film	142	19	34	66	577	576	548
Studio Art and Design	169	23	26	74	603	589	576
None	69	9	64	36	577	593	532

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
284	658	169	671	709	651

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	18	6
2	172	61
3	83	29
4 or More	11	4

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	74	670	83	43	707	64	678	78	674	82	
History and Social Studies											
U.S. History	54	642	91	26	648	91	663	90	623	94	
World History	10	631		6	695		703		688		
Mathematics											
Mathematics Level 1	60	661	95	31	608	131	665	83	601	122	
Mathematics Level 2	199	721	77	125	684	93	737	60	666	95	
Science											
Biology-E	31	676	81	18	687		707		661		
Biology-M	43	683	88	26	668	81	725	84	658	87	
Chemistry	85	688	88	56	683	88	737	66	671	89	
Physics	72	668	93	44	650	130	733	75	642	115	
Foreign and Classical Languages											
Chinese/Listening	2			2							
French	11	652		8	726		714		719		
French/Listening	3			2							
German											
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening	1										
Korean/Listening	1										
Latin	1			1							
Spanish	10	661		7	683		653		627		
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	12	16	9	17	1	10
700-740	17	23	8	15	1	10
650-690	25	34	14	26	3	30
600-640	7	9	8	15	2	20
550-590	7	9	9	17	1	10
500-540	2	3	4	7	1	10
450-490	3	4			1	10
400-440						
350-390	1	1	2	4		
300-340						
250-290						
200-240						
Total	74		54		10	
Mean	670		642		631	
SD	83		91			
75th percentile	730		700			
50th percentile	680		650			
25th percentile	620		570			

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	10	17	92	46	6	19	14	33	28	33	22	31
700-740	17	28	40	20	7	23	9	21	19	22	7	10
650-690	13	22	32	16	8	26	4	9	13	15	15	21
600-640	7	12	20	10	6	19	8	19	12	14	10	14
550-590	6	10	8	4	2	6	5	12	5	6	9	13
500-540	1	2	5	3	1	3	3	7	6	7	8	11
450-490	4	7	2	1	1	3			2	2		
400-440	2	3									1	1
350-390												
300-340												
250-290												
200-240												
Total	60		199		31		43		85		72	
Mean	661		721		676		683		688		668	
SD	95		77		81		88		88		93	
75th percentile	740		790		730		760		760		750	
50th percentile	680		740		680		700		710		680	
25th percentile	600		670		620		610		630		590	

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	2	100	3	27	1	33						
700-740			2	18								
650-690			1	9								
600-640			1	9	1	33						
550-590			1	9								
500-540			2	18	1	33						
450-490												
400-440			1	9								
350-390												
300-340												
250-290												
200-240												
Total	2		11		3							
Mean			652									
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					1	100			3	30		
700-740									1	10	1	100
650-690									2	20		
600-640			1	100			1	100				
550-590									3	30		
500-540									1	10		
450-490												
400-440												
350-390												
300-340												
250-290												
200-240												
Total			1		1		1		10		1	
Mean									661			
SD												
75th percentile												
50th percentile												
25th percentile												

College Plans

Table 25: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	11	1	525	515	510
Architecture and Related Services	9	1	590	651	583
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	74	10	603	604	572
Business Management, Marketing, and Related Support Services	57	7	539	564	511
Communication, Journalism and Related Programs	12	2	606	551	561
Computer and Information Sciences and Support Services	44	6	636	663	595
Construction Trades	0	0			
Education	27	3	568	541	542
Engineering	127	16	634	671	598
Engineering Technologies/Technicians	2	0			
English Language and Literature/Letters	17	2	653	593	618
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	14	2	655	596	624
Health Professions and Related Clinical Services	112	14	585	601	563
History	6	1	712	668	638
Legal Professions and Studies	16	2	614	584	565
Liberal Arts and Sciences, General Studies, and Humanities	6	1	605	490	530
Library Science And Administration	1	0			
Mathematics and Statistics	16	2	660	716	663
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	2	0			
Multi/Interdisciplinary Studies	7	1	649	641	603
Natural Resources and Conservation	5	1	678	648	666
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services	0	0			
Philosophy and Religious Studies	3	0			
Physical Sciences	29	4	665	675	625
Precision Production	0	0			
Psychology	24	3	526	521	505
Public Administration and Social Services Professions	4	1			
Security and Protective Services	7	1	444	447	426
Social Sciences	27	3	647	658	625
Theology and Religious Vocations	2	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	59	8	588	568	570
Other	9	1	489	526	503
Undecided	44	6	664	664	622
Degree-Level Goal					
Certificate Program	1	0			
Associate Degree	2	0			
Bachelor's Degree	146	19	543	557	517
Master's Degree	265	34	599	600	565
Doctoral or Related Degree	275	35	635	646	605
Other	2	0			
Undecided	98	12	612	619	586

College Plans

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

Of the 993 students from your state who took the SAT and/or an SAT Subject Test, 666 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 492 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NMSC Scholarship Admin	IL	Scholarship	170	25.5
University of Iowa	IA	Public	155	23.3
Iowa State University	IA	Public	121	18.2
Stanford University	CA	Private	101	15.2
Northwestern University	IL	Private	92	13.8
Harvard College	MA	Private	80	12.0
Yale University	CT	Private	68	10.2
Massachusetts Institute of Technology	MA	Private	67	10.1
Washington University in St. Louis	MO	Private	63	9.5
Cornell University	NY	Private	55	8.3
University of Minnesota: Twin Cities	MN	Public	54	8.1
University of Chicago	IL	Private	48	7.2
University of Michigan	MI	Public	48	7.2
University of California: Berkeley	CA	Public	47	7.1
Princeton University	NJ	Private	45	6.8
University of Pennsylvania	PA	Private	42	6.3
Columbia University	NY	Private	41	6.2
University of Northern Iowa	IA	Public	39	5.9
Johns Hopkins University	MD	Private	38	5.7
University of Illinois at Urbana-Champaign	IL	Public	37	5.6
University of Wisconsin-Madison	WI	Public	37	5.6
Duke University	NC	Private	37	5.6
Grinnell College	IA	Private	35	5.3
Brown University	RI	Private	34	5.1
Dartmouth College	NH	Private	34	5.1
Vanderbilt University	TN	Private	34	5.1
Boston University	MA	Private	32	4.8
California Institute of Technology	CA	Private	31	4.7
Georgetown University	DC	Private	30	4.5
Carnegie Mellon University	PA	Private	29	4.4
Purdue University	IN	Public	28	4.2
University of Southern California	CA	Private	28	4.2
University of Notre Dame	IN	Private	26	3.9
Drake University	IA	Private	26	3.9
University of California: Los Angeles	CA	Public	22	3.3
New York University	NY	Private	20	3.0
University of North Carolina at Chapel Hill	NC	Public	19	2.9
Case Western Reserve University	OH	Private	19	2.9
Rice University	TX	Private	19	2.9
Carleton College	MN	Private	18	2.7
Creighton University	NE	Private	17	2.6
George Washington University	DC	Private	15	2.3
Tulane University	LA	Private	15	2.3
Luther College	IA	Private	15	2.3
University of Washington	WA	Public	15	2.3

*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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