

SAT[®]

2016 College-Bound Seniors

State Profile Report



CONNECTICUT

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	35,902	500	118	500	126	497	117	49.1	11.7	7.4	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	17,230	501	120	514	130	490	118	48.7	11.8	7.2	1.8
Female	18,672	499	117	487	120	503	115	49.5	11.7	7.6	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)	24,760	488	112	487	120	485	110	48.0	11.1	7.3	1.7
Junior (2014-2015)	11,076	525	128	529	134	523	126	51.7	12.6	7.6	1.6
Sophomore (2013-2014)	63	586	116	620	110	598	115	58.7	11.4	8.5	1.6
Freshman (2012-2013)	3										
Total	35,902	500	118	500	126	497	117	49.1	11.7	7.4	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	580	590	580	570	590	560
50th	500	500	500	490	500	480
25th	420	410	420	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	917	916	1,833	1,432	803	2,235	724	919	1,643
600-690	2,886	3,047	5,933	3,477	2,803	6,280	2,512	3,111	5,623
500-590	5,150	5,435	10,585	4,749	5,165	9,914	5,008	5,741	10,749
400-490	5,120	5,890	11,010	4,304	5,680	9,984	5,326	5,621	10,947
300-390	2,300	2,597	4,897	2,320	3,083	5,403	2,774	2,665	5,439
200-290	857	787	1,644	948	1,138	2,086	886	615	1,501

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	30,407	85	47	53	490	489	487
Religiously Affiliated	2,902	8	55	45	527	531	525
Independent	2,454	7	53	47	588	599	587
Other or Unknown	139		38	62	544	533	536

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	125	0	462	121	444	125	456	119
Asian or Asian American	2,206	6	536	127	590	131	543	130
Black or African American	3,988	11	416	107	402	107	412	101
Native Hawaiian or Pacific Islander	15	0	371		370		346	
Hispanic, Latino, or Latin American	5,809	16	431	113	425	117	428	111
White	21,355	59	532	102	532	108	528	101
Two or More Races, non-Hispanic	579	2	506	110	490	123	495	110
Other	308	1	514	142	508	150	507	136
No Response	1,517	4	484	137	478	142	477	134
Total	35,902	100	500	118	500	126	497	117

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	60	0	470	116	456	131	460	123
Asian or Asian American	1,084	3	535	131	606	131	535	134
Black or African American	1,906	5	409	110	403	112	398	102
Native Hawaiian or Pacific Islander	11	0	371		390		345	
Hispanic, Latino, or Latin American	2,613	7	432	116	438	124	422	112
White	10,391	29	533	102	547	110	521	101
Two or More Races, non-Hispanic	252	1	497	107	494	119	481	111
Other	141	0	529	150	540	150	515	142
No Response	772	2	478	138	487	148	466	135
Total	17,230	48	501	120	514	130	490	118

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	65	0	454	124	433	119	452	116
Asian or Asian American	1,122	3	536	124	574	128	551	126
Black or African American	2,082	6	421	105	402	103	425	98
Native Hawaiian or Pacific Islander	4	0						
Hispanic, Latino, or Latin American	3,196	9	431	111	414	110	433	109
White	10,964	31	530	101	517	103	535	99
Two or More Races, non-Hispanic	327	1	513	111	486	125	506	109
Other	167	0	500	133	482	146	500	130
No Response	745	2	491	135	468	135	488	131
Total	18,672	52	499	117	487	120	503	115

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	35,902	100	500	118	500	126	497	117
First Language Learned								
English	27,862	79	512	111	508	118	508	110
English and Another	4,561	13	466	127	468	137	465	126
Another Language	2,806	8	453	131	490	153	460	135
No Response	673		420	146	416	152	417	145
Citizenship								
U.S. Citizen / U.S. National	33,341	95	504	115	502	122	501	113
U.S. Permanent Resident or Refugee	914	3	445	137	464	147	446	136
Citizen of Another Country	784	2	488	133	579	144	506	138
Other, Unknown, or No Response	863		392	138	411	161	397	141
Plans to Apply for Financial Aid								
Yes	21,870	77	505	106	502	113	501	104
No	2,148	8	572	110	584	116	573	111
Don't Know	4,546	16	526	119	537	126	524	118
No Response	7,338		447	134	448	142	445	132
Family Income								
Less than \$20,000	1,510	8	424	107	418	113	421	102
About \$20,000 to \$40,000	2,251	11	459	103	452	108	454	100
About \$40,001 to \$60,000	2,164	11	482	99	478	106	477	97
About \$60,001 to \$80,000	2,213	11	500	99	498	103	496	97
About \$80,001 to \$100,000	2,625	13	515	98	515	105	511	96
About \$100,001 to \$140,000	3,507	18	523	99	524	104	519	95
About \$140,001 to \$200,000	2,616	13	540	98	545	103	539	97
More than \$200,000	2,978	15	575	99	589	104	577	99
No Response	16,038		487	128	486	136	484	127
Highest Level of Parental Education								
No High School Diploma	1,248	4	408	103	409	114	408	102
High School Diploma	8,890	28	457	100	452	106	453	97
Associate Degree	2,516	8	476	93	470	101	473	91
Bachelor's Degree	10,201	32	528	100	532	109	526	100
Graduate Degree	9,240	29	565	107	569	113	561	106
No Response	3,807		414	133	411	137	410	127
Took the PSAT/NMSQT®								
Yes, As a Junior	7,525	27	512	110	513	118	509	109
Yes, As a Sophomore or Younger	5,389	20	512	106	517	116	510	105
Yes, As a Junior and As a Sophomore or Younger	12,599	46	543	105	546	111	542	103
No	2,065	7	478	110	480	118	475	108
No Response	8,324		421	114	413	118	415	109

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	3,550	31	44	56	600	615	600
Second Tenth	3,044	26	45	55	529	537	526
Second Fifth	2,308	20	51	49	494	494	491
Final Three Fifths	2,727	23	54	46	445	442	441
No Response	24,273		48	52	488	486	485

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)	1,132	3	42	58	604	613	606
A (93–96)	4,605	14	39	61	583	594	586
A- (90–92)	6,517	19	40	60	551	560	551
B (80–89)	17,207	51	50	50	478	476	474
C (70–79)	3,858	12	62	38	408	397	401
D, E, or F (below 70)	153	0	67	33	367	352	344
No Response	2,430		53	47	465	455	454
Mean Grade Point Average	All Students: 3.25		Male: 3.15		Female: 3.33		

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	3.70	3.86	3.79
English and Language Arts	3.8	3.8	3.8	3.19	3.45	3.33
Foreign and Classical Languages	3.2	3.3	3.3	3.17	3.42	3.31
Mathematics	3.8	3.8	3.8	3.12	3.19	3.16
Natural Sciences	3.7	3.7	3.7	3.22	3.29	3.26
Social Sciences and History	3.6	3.6	3.6	3.33	3.42	3.38
Total for All Subjects	20.2	20.7	20.5			

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	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	3,011	12	42	58	540	544	542
4 Years	19,377	74	47	53	527	527	523
3 Years	2,147	8	47	53	470	467	467
2 Years	388	1	43	57	475	479	469
1 Year	303	1	48	52	472	474	472
1/2 Year or Less	931	4	51	49	429	435	426
No Response	9,745		53	47	448	449	446
AP®/Honors Courses	11,412	44	38	62	569	565	567
Course Work or Experience							
English/Language Arts	26,195	97	46	54	512	511	509
Journalism	2,044	8	38	62	511	500	512
Creative Writing	5,414	20	38	62	514	501	511
American Literature	15,083	56	47	53	527	526	523
Composition/Writing	9,731	36	44	56	525	523	524
British Literature	4,338	16	44	56	535	530	529
World Literature	6,832	25	48	52	526	525	522
Communications	1,266	5	46	54	493	496	494
Public Speaking	3,641	13	47	53	518	517	513
English As Second Language	869	3	45	55	439	486	445

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	4,552	16	48	52	547	566	547
4 Years	18,116	65	47	53	525	524	522
3 Years	3,224	12	45	55	466	451	460
2 Years	366	1	51	49	464	473	459
1 Year	294	1	54	46	450	480	452
1/2 Year or Less	1,299	5	49	51	424	419	422
No Response	8,051		52	48	445	444	442
AP/Honors Courses	11,102	40	47	53	570	591	568
Highest Level of Mathematics Achieved*							
Calculus	8,862	31	51	49	584	611	583
Pre-calculus	9,522	33	43	57	512	509	508
Geometry	9,420	33	46	54	450	428	444
Algebra II	362	1	50	50	416	394	409
Algebra I	124	0	58	42	392	353	380

*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	3,187	12	43	57	548	559	547	
4 Years	15,393	60	47	53	532	533	529	
3 Years	5,275	20	45	55	488	479	483	
2 Years	636	2	53	47	477	482	472	
1 Year	365	1	56	44	481	494	476	
1/2 Year or Less	924	4	49	51	427	430	426	
No Response	10,122		52	48	451	451	448	
AP/Honors Courses	10,451	41	44	56	575	585	572	
Course Work or Experience								
Biology	27,081	98	46	54	513	512	510	
Chemistry	25,304	92	46	54	519	521	516	
Physics	16,158	58	49	51	539	549	535	
Geology, Earth, or Space Science	12,858	47	49	51	507	503	503	
Other Sciences	13,633	49	41	59	505	500	502	

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	2,532	10	44	56	546	550	546	
4 Years	14,482	57	47	53	534	531	531	
3 Years	6,569	26	45	55	496	499	491	
2 Years	727	3	52	48	483	496	479	
1 Year	372	1	48	52	467	479	468	
1/2 Year or Less	825	3	49	51	426	431	423	
No Response	10,395		52	48	452	452	448	
AP/Honors Courses	10,481	41	43	57	570	572	568	
Course Work or Experience								
U.S. History	26,430	97	46	54	513	513	510	
World History or Cultures	20,750	76	46	54	520	520	517	
U.S. Government or Civics	21,844	80	46	54	513	512	509	
Economics	4,166	15	59	41	543	556	539	
Geography	2,970	11	47	53	500	496	495	
Psychology	11,331	42	34	66	518	510	515	
European History	5,621	21	50	50	554	554	550	
Sociology	4,082	15	36	64	494	482	490	
Ancient History	3,573	13	51	49	541	538	534	
Other Courses	6,685	25	44	56	511	508	508	

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	3,291	13	42	58	553	559	556
4 Years	8,563	34	43	57	555	558	556
3 Years	8,585	34	47	53	513	512	508
2 Years	2,891	11	52	48	468	462	458
1 Year	701	3	56	44	435	429	425
1/2 Year or Less	1,503	6	53	47	426	428	418
No Response	10,368		53	47	450	450	447
AP/Honors Courses	7,686	30	39	61	579	584	580
Course Work or Experience							
Chinese	1,045	4	51	49	552	569	544
French	4,614	17	37	63	541	534	534
German	336	1	58	42	548	550	539
Greek	88	0	51	49	573	561	567
Hebrew	39	0	44	56	517	506	524
Italian	1,892	7	43	57	488	480	486
Japanese	108	0	52	48	537	548	526
Korean	29	0	31	69	464	491	462
Latin	2,555	10	49	51	555	551	547
Russian	92	0	46	54	534	526	541
Spanish	18,376	69	47	53	509	510	508
Other Languages	511	2	43	57	488	492	486

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years		1,548	11	36	64	538	528	533
4 Years		3,042	21	36	64	534	524	531
3 Years		1,679	12	38	62	505	495	500
2 Years		2,416	17	45	55	501	501	499
1 Year		2,737	19	47	53	503	505	498
1/2 Year or Less		2,789	20	55	45	482	484	478
No Response		21,691		51	49	494	496	491
AP/Honors Courses		1,813	13	36	64	561	554	556
Course Work or Experience								
Acting or Play Production		4,166	16	33	67	552	532	546
Art History or Appreciation		2,933	11	37	63	513	501	509
Dance		2,746	10	10	90	510	499	513
Drama: Study or Appreciation		2,852	11	30	70	536	515	533
Music: Study or Appreciation		3,254	12	49	51	541	530	535
Music Performance		10,151	38	42	58	540	536	536
Photography or Film		6,723	25	35	65	518	509	518
Studio Art and Design		6,772	26	35	65	531	525	528
None		6,784	26	57	43	461	464	456

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
5,914	15,264	5,296	634	651	636

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	744	13
2	2,240	38
3	1,991	34
4 or More	939	16

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	1,862	621	101	1,644	648	92	626	95	646	93
History and Social Studies										
U.S. History	2,290	638	103	2,054	651	85	647	92	649	87
World History	263	618	104	237	662	88	648	98	654	93
Mathematics										
Mathematics Level 1	2,033	614	99	1,797	611	92	633	91	614	91
Mathematics Level 2	3,052	687	88	2,744	653	85	695	71	659	82
Science										
Biology-E	785	626	97	704	640	89	640	97	635	92
Biology-M	1,259	661	89	1,129	647	87	668	85	653	87
Chemistry	1,787	658	97	1,604	649	90	688	78	653	87
Physics	831	666	87	748	653	84	705	67	657	83
Foreign and Classical Languages										
Chinese/Listening	53	727	94	49	632	85	705	70	655	81
French	209	600	110	197	643	77	643	79	659	74
French/Listening	53	662	104	50	644	71	627	87	655	70
German	11	641		9	642		619		688	
German/Listening	11	664		11	625		639		622	
Modern Hebrew										
Italian	16	608		15	580		608		617	
Japanese/Listening	21	721		21	570		640		570	
Korean/Listening	10	793		7	646		733		683	
Latin	140	606	102	120	675	73	672	78	679	77
Spanish	495	623	102	457	635	88	637	89	647	88
Spanish/Listening	83	650	110	77	640	80	651	79	653	80

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	170	9	331	14	31	12
700-740	302	16	458	20	35	13
650-690	406	22	432	19	49	19
600-640	324	17	363	16	43	16
550-590	275	15	273	12	42	16
500-540	169	9	197	9	28	11
450-490	93	5	112	5	16	6
400-440	71	4	61	3	14	5
350-390	30	2	53	2	5	2
300-340	21	1	10	0		
250-290	1	0				
200-240						
Total	1,862		2,290		263	
Mean	621		638		618	
SD	101		103		104	
75th percentile	700		710		690	
50th percentile	640		650		620	
25th percentile	560		570		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	114	6	1,001	33	71	9	232	18	391	22	173	21
700-740	343	17	502	16	130	17	249	20	326	18	164	20
650-690	430	21	534	17	159	20	280	22	326	18	173	21
600-640	356	18	520	17	160	20	236	19	283	16	143	17
550-590	346	17	341	11	126	16	140	11	214	12	96	12
500-540	192	9	100	3	68	9	66	5	134	7	55	7
450-490	111	5	33	1	32	4	30	2	64	4	22	3
400-440	68	3	14	0	16	2	11	1	35	2	5	1
350-390	61	3	3	0	15	2	13	1	14	1		
300-340	8	0	4	0	6	1	1	0				
250-290	4	0			2	0	1	0				
200-240												
Total	2,033		3,052		785		1,259		1,787		831	
Mean	614		687		626		661		658		666	
SD	99		88		97		89		97		87	
75th percentile	690		770		700		730		740		730	
50th percentile	630		690		640		670		670		670	
25th percentile	550		620		570		600		590		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	29	55	25	12	14	26	6	55	3	27		
700-740	8	15	24	11	8	15			3	27		
650-690	8	15	23	11	12	23			1	9		
600-640	2	4	31	15	4	8	1	9				
550-590	2	4	34	16	6	11			2	18		
500-540	2	4	31	15	4	8	1	9	2	18		
450-490	1	2	25	12	4	8	1	9				
400-440	1	2	12	6	1	2	1	9				
350-390			4	2			1	9				
300-340												
250-290												
200-240												
Total	53		209		53		11		11			
Mean	727		600		662		641		664			
SD	94		110		104							
75th percentile	800		690		740							
50th percentile	760		590		670							
25th percentile	680		510		570							

Table 24: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	2	13	12	57	10	100	17	12	61	12	22	27
700-740	4	25	3	14			16	11	67	14	14	17
650-690	2	13	3	14			22	16	89	18	9	11
600-640	2	13	1	5			15	11	97	20	15	18
550-590	2	13	1	5			28	20	63	13	10	12
500-540							18	13	54	11	5	6
450-490	2	13					18	13	39	8	2	2
400-440	1	6					6	4	21	4	4	5
350-390			1	5					3	1	2	2
300-340									1	0		
250-290	1	6										
200-240												
Total	16		21		10		140		495		83	
Mean	608		721		793		606		623		650	
SD							102		102		110	
75th percentile			790				680		700		750	
50th percentile			750				590		630		660	
25th percentile			670				540		550		560	

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	296	1	473	462	468
Architecture and Related Services	306	1	496	527	492
Area, Ethnic, Cultural and Gender Studies	30	0	544	493	531
Biological and Biomedical Sciences	1,773	6	552	550	548
Business Management, Marketing, and Related Support Services	4,028	14	509	528	510
Communication, Journalism and Related Programs	768	3	526	501	528
Computer and Information Sciences and Support Services	886	3	535	552	516
Construction Trades	29	0	444	450	432
Education	1,495	5	489	478	494
Engineering	2,473	8	543	576	531
Engineering Technologies/Technicians	326	1	483	510	468
English Language and Literature/Letters	386	1	579	520	571
Family and Consumer Sciences/Human Sciences	100	0	445	444	456
Foreign Languages, Literatures, and Linguistics	132	0	585	547	585
Health Professions and Related Clinical Services	4,711	16	490	489	494
History	284	1	544	510	527
Legal Professions and Studies	623	2	526	509	521
Liberal Arts and Sciences, General Studies, and Humanities	277	1	555	533	552
Library Science And Administration	10	0	568	483	535
Mathematics and Statistics	284	1	566	625	568
Mechanic and Repair Technologies/Technician	38	0	445	446	433
Military Technologies And Applied Sciences	147	1	478	473	462
Multi/Interdisciplinary Studies	199	1	584	584	576
Natural Resources and Conservation	184	1	548	534	540
Parks, Recreation, Leisure and Fitness Studies	285	1	433	445	438
Personal and Culinary Services	90	0	449	441	439
Philosophy and Religious Studies	48	0	574	524	547
Physical Sciences	489	2	564	580	551
Precision Production	2	0			
Psychology	1,509	5	504	483	503
Public Administration and Social Services Professions	148	1	462	437	461
Security and Protective Services	1,208	4	455	448	451
Social Sciences	588	2	569	552	564
Theology and Religious Vocations	19	0	520	504	503
Transportation and Materials Moving	12	0	450	467	467
Visual and Performing Arts	1,936	7	514	489	507
Other	527	2	454	452	448
Undecided	2,649	9	541	544	537
Degree-Level Goal					
Certificate Program	176	1	407	422	403
Associate Degree	250	1	403	392	399
Bachelor's Degree	7,911	27	487	486	482
Master's Degree	10,246	36	521	524	520
Doctoral or Related Degree	5,308	18	550	548	548
Other	163	1	404	399	400
Undecided	4,731	16	516	515	511

College Plans

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

Of the 36,520 students from your state who took the SAT and/or an SAT Subject Test, 26,011 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 1,672 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Connecticut	CT	Public	11,606	44.6
Central Connecticut State University	CT	Public	5,968	22.9
Southern Connecticut State University	CT	Public	5,534	21.3
Quinnipiac University	CT	Private	3,591	13.8
Eastern Connecticut State University	CT	Public	3,589	13.8
Western Connecticut State University	CT	Public	3,356	12.9
University of Rhode Island	RI	Public	3,031	11.7
University of Hartford	CT	Private	2,466	9.5
Northeastern University	MA	Private	2,171	8.3
University of Massachusetts Amherst	MA	Public	2,138	8.2
Boston University	MA	Private	2,094	8.1
University of New Haven	CT	Private	1,981	7.6
Fordham University	NY	Private	1,823	7.0
University of Vermont	VT	Public	1,732	6.7
University of New Hampshire	NH	Public	1,632	6.3
Sacred Heart University	CT	Private	1,547	5.9
Boston College	MA	Private	1,374	5.3
New York University	NY	Private	1,300	5.0
Fairfield University	CT	Private	1,287	4.9
Roger Williams University	RI	Private	1,254	4.8
NCAA Eligibility Center	IN	Public	1,185	4.6
Yale University	CT	Private	1,180	4.5
Cornell University	NY	Private	1,178	4.5
Penn State University Park	PA	Public	1,107	4.3
Syracuse University	NY	Private	1,058	4.1
Brown University	RI	Private	986	3.8
Western New England University	MA	Private	955	3.7
Tufts University	MA	Private	886	3.4
University of Delaware	DE	Public	873	3.4
Keene State College	NH	Public	867	3.3
Bryant University	RI	Private	860	3.3
Providence College	RI	Private	856	3.3
University of Pennsylvania	PA	Private	843	3.2
Villanova University	PA	Private	829	3.2
Springfield College	MA	Private	815	3.1
Harvard College	MA	Private	803	3.1
University of Maine	ME	Public	779	3.0
Marist College	NY	Private	768	3.0
University of Michigan	MI	Public	768	3.0
Columbia University	NY	Private	756	2.9
Worcester Polytechnic Institute	MA	Private	754	2.9
Rensselaer Polytechnic Institute	NY	Private	738	2.8
Dartmouth College	NH	Private	735	2.8
University of Tampa	FL	Private	702	2.7
University of Virginia	VA	Public	695	2.7

*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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