

SAT[®]

2015 College-Bound Seniors

State Profile Report



VERMONT

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 2015 who took the 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, 2015.*** 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 about the College Board Program Results press briefing, please contact the College Board communications department at communications@collegeboard.org.

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The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) 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 2015* includes students who tested through June 2015.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2015 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, 1972–2015

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

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 2000–2015, 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 present include students testing through June. 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 2015. Information is summarized for seniors who took the SAT at any time during their high school years through June 2015. If a student took the test more than once, the most recent score is used.

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	4,564	523	108	524	106	507	106	50.5	10.8	7.4	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	2,119	524	110	539	108	499	107	50.0	10.8	7.2	1.6
Female	2,445	521	107	510	102	515	104	51.0	10.7	7.6	1.3

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the 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 (2014-2015)	3,059	515	105	516	106	499	103	49.6	10.5	7.4	1.5
Junior (2013-2014)	1,498	539	112	538	105	525	109	52.3	11.1	7.5	1.4
Sophomore (2012-2013)	6	615		605		548		56.2		7.0	
Freshman (2011-2012)	1										
Total	4,564	523	108	524	106	507	106	50.5	10.8	7.4	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	1,698,521	495	116	511	120	484	115	48.7	11.6	7.0	1.7

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2015 cohort took the SAT Writing section. The Writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

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	600	600	580	570	590	560
50th	520	520	500	490	510	480
25th	450	450	430	410	430	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	120	124	244	162	99	261	79	110	189
600-690	466	471	937	494	426	920	339	467	806
500-590	656	840	1,496	723	797	1,520	652	779	1,431
400-490	619	750	1,369	560	824	1,384	686	804	1,490
300-390	221	216	437	154	261	415	313	254	567
200-290	37	44	81	26	38	64	50	31	81

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	3,703	83	45	55	521	520	505
Religiously Affiliated	145	3	54	46	538	523	533
Independent	629	14	52	48	524	544	513
Other or Unknown	87		36	64	558	510	527

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	31	1	484	92	475	90	466	100
Asian, Asian American, or Pacific Islander	216	5	489	128	598	128	501	136
Black or African American	105	2	455	103	447	108	447	94
Mexican or Mexican American	20	0	487		495		468	
Puerto Rican	17	0	549		509		509	
Other Hispanic, Latino, or Latin American	59	1	523	108	496	105	494	110
White	3,950	87	526	106	523	102	510	103
Other	67	1	539	124	519	113	517	127
No Response	99	2	528	124	503	112	505	117
Total	4,564	100	523	108	524	106	507	106

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	18	0	477		480		454	
Asian, Asian American, or Pacific Islander	107	2	488	137	607	126	487	142
Black or African American	46	1	467	105	473	112	445	101
Mexican or Mexican American	13	0	468		508		445	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	28	1	513	124	510	107	472	112
White	1,819	40	529	107	539	105	502	103
Other	30	1	531	117	543	99	519	128
No Response	54	1	519	122	516	116	491	121
Total	2,119	46	524	110	539	108	499	107

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	13	0	493		467		483	
Asian, Asian American, or Pacific Islander	109	2	490	118	588	129	514	130
Black or African American	59	1	445	101	427	101	449	88
Mexican or Mexican American	7	0	521		470		511	
Puerto Rican	13	0	567		503		526	
Other Hispanic, Latino, or Latin American	31	1	533	90	484	102	515	104
White	2,131	47	524	105	510	98	517	102
Other	37	1	545	130	499	119	516	126
No Response	45	1	538	125	488	106	521	110
Total	2,445	54	521	107	510	102	515	104

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	4,564	100	523	108	524	106	507	106
First Language Learned								
English	4,047	90	527	106	522	103	510	103
English and Another	206	5	520	104	525	111	511	110
Another Language	249	6	452	116	550	145	459	127
No Response	62		527	130	517	110	510	117
Citizenship								
U.S. Citizen / U.S. National	4,140	97	530	105	525	103	514	102
U.S. Permanent Resident or Refugee	52	1	459	124	491	120	447	131
Citizen of Another Country	96	2	460	108	578	122	473	114
Other, Unknown, or No Response	276		442	104	488	132	436	113
Plans to Apply for Financial Aid								
Yes	3,026	81	528	106	523	102	512	102
No	173	5	537	108	554	104	527	107
Don't Know	523	14	536	108	542	110	522	109
No Response	842		493	113	510	115	478	110
Family Income								
\$0 - \$20,000	180	6	467	101	469	100	452	97
\$20,000–\$40,000	357	13	508	108	498	102	488	104
\$40,000–\$60,000	425	15	514	104	507	94	493	97
\$60,000–\$80,000	465	16	523	103	521	96	506	96
\$80,000–\$100,000	469	16	528	103	528	96	512	97
\$100,000–\$120,000	338	12	542	102	545	99	525	101
\$120,000–\$140,000	173	6	537	102	541	103	524	99
\$140,000–\$160,000	119	4	547	95	547	91	529	94
\$160,000–\$200,000	137	5	565	98	565	95	551	94
More than \$200,000	185	6	575	105	580	101	569	106
No Response	1,716		516	112	521	114	503	111
Highest Level of Parental Education								
No High School Diploma	65	2	418	115	437	118	402	105
High School Diploma	1,164	27	476	92	480	95	463	91
Associate Degree	445	10	488	91	495	91	479	85
Bachelor's Degree	1,450	34	537	102	537	101	522	100
Graduate Degree	1,195	28	578	104	568	104	558	105
No Response	245		485	112	507	110	470	105
Took the PSAT/NMSQT®								
Yes, As a Junior	1,959	49	534	104	532	102	520	102
Yes, As a Sophomore or Younger	671	17	521	99	520	99	509	96
Yes, As a Junior and As a Sophomore or Younger	736	18	566	103	567	96	550	98
No	652	16	482	107	480	105	460	102
No Response	546		474	111	493	116	461	106

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	652	37	40	60	599	607	593
Second Tenth	479	28	45	55	539	542	526
Second Fifth	310	18	53	47	509	509	494
Final Three Fifths	299	17	56	44	449	448	433
No Response	2,824		47	53	512	511	494

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)	190	4	35	65	643	640	635
A (93–96)	950	22	36	64	585	590	576
A- (90–92)	931	22	40	60	544	545	530
B (80–89)	1,929	45	52	48	487	489	470
C (70–79)	293	7	64	36	434	423	415
D, E, or F (below 70)	8	0	75	25	453	401	400
No Response	263		55	45	496	488	470
Mean Grade Point Average	All Students: 3.41		Male: 3.30		Female: 3.50		

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	2.2	2.7	2.5	3.74	3.87	3.81
English and Language Arts	3.9	4.0	3.9	3.34	3.63	3.50
Foreign and Classical Languages	2.8	3.0	2.9	3.29	3.53	3.42
Mathematics	4.0	3.9	3.9	3.24	3.29	3.27
Natural Sciences	3.6	3.6	3.6	3.33	3.42	3.38
Social Sciences and History	3.6	3.7	3.6	3.41	3.57	3.50
Total for All Subjects	20.1	20.9	20.4			

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	398	11	44	56	556	544	535
4 Years	2,600	75	46	54	535	532	520
3 Years	361	10	46	54	495	495	484
2 Years	60	2	60	40	493	514	484
1 Year	16	0	75	25	476	493	468
1/2 Year or Less	30	1	67	33	444	467	444
No Response	1,099		48	52	494	508	479
AP [®] /Honors Courses	1,466	42	38	62	581	569	568
Course Work or Experience							
English/Language Arts	3,124	95	45	55	534	529	518
Journalism	335	10	44	56	522	508	512
Creative Writing	1,041	32	42	58	534	521	519
American Literature	2,205	67	45	55	536	531	521
Composition/Writing	1,820	55	46	54	533	528	520
British Literature	633	19	46	54	556	539	534
World Literature	1,164	35	45	55	540	536	524
Communications	197	6	56	44	504	511	486
Public Speaking	636	19	47	53	537	531	522
English As Second Language	110	3	55	45	449	492	445

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	708	20	52	48	558	575	541
4 Years	2,027	58	45	55	537	532	523
3 Years	630	18	40	60	495	477	476
2 Years	62	2	48	52	478	476	465
1 Year	22	1	73	27	464	467	460
1/2 Year or Less	32	1	63	38	463	449	452
No Response	1,083		48	52	494	507	479
AP/Honors Courses	1,302	37	47	53	582	598	569
Highest Level of Mathematics Achieved*							
Calculus	1,257	37	52	48	586	606	572
Pre-calculus	962	28	41	59	526	518	511
Geometry	999	29	43	57	479	457	462
Algebra II	39	1	38	62	442	422	429
Algebra I	30	1	47	53	425	391	420

*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	451	13	46	54	563	571	545
4 Years	1,719	50	47	53	543	539	528
3 Years	883	26	40	60	509	497	494
2 Years	213	6	53	47	513	516	499
1 Year	78	2	55	45	500	510	486
1/2 Year or Less	72	2	53	47	479	475	461
No Response	1,148		49	51	493	507	478
AP/Honors Courses	1,121	33	42	58	588	592	576
Course Work or Experience							
Biology	3,185	96	45	55	534	530	518
Chemistry	2,946	89	45	55	539	537	524
Physics	2,022	61	51	49	548	553	533
Geology, Earth, or Space Science	2,437	73	46	54	528	526	512
Other Sciences	1,411	42	40	60	521	517	506

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	315	9	46	54	559	550	535
4 Years	1,855	54	46	54	545	537	530
3 Years	1,063	31	44	56	509	513	494
2 Years	141	4	50	50	504	519	492
1 Year	37	1	62	38	506	510	491
1/2 Year or Less	35	1	66	34	463	472	457
No Response	1,118		48	52	494	507	479
AP/Honors Courses	1,238	36	43	57	586	573	572
Course Work or Experience							
U.S. History	3,098	94	45	55	533	530	518
World History or Cultures	2,553	77	46	54	537	533	521
U.S. Government or Civics	1,762	53	46	54	531	528	517
Economics	713	22	53	47	538	540	521
Geography	585	18	45	55	512	510	502
Psychology	1,182	36	32	68	532	522	518
European History	960	29	49	51	553	546	535
Sociology	521	16	35	65	524	510	503
Ancient History	716	22	51	49	546	539	530
Other Courses	969	29	43	57	530	524	515

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	330	10	42	58	588	576	572
4 Years	906	26	42	58	576	569	563
3 Years	993	29	44	56	540	540	528
2 Years	825	24	48	52	489	491	472
1 Year	171	5	54	46	474	459	445
1/2 Year or Less	211	6	61	39	436	435	413
No Response	1,128		48	52	494	508	479
AP/Honors Courses	482	14	41	59	604	597	594
Course Work or Experience							
Chinese	86	3	43	57	572	569	547
French	1,151	35	39	61	543	538	530
German	205	6	51	49	523	511	508
Greek	12	0	42	58	552	525	515
Hebrew	5	0	80	20	494	504	462
Italian	23	1	43	57	545	539	535
Japanese	39	1	49	51	527	531	503
Korean	3	0	67	33			
Latin	416	13	49	51	572	557	551
Russian	25	1	60	40	528	536	495
Spanish	1,712	52	46	54	531	528	516
Other Languages	62	2	32	68	539	524	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 18: Arts and Music, Computers

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		267	8	40	60	564	553	551
4 Years		696	21	35	65	563	545	547
3 Years		505	15	40	60	521	513	505
2 Years		866	26	48	52	521	521	508
1 Year		691	21	55	45	528	534	510
1/2 Year or Less		264	8	63	37	502	521	489
No Response		1,275		48	52	495	507	480
AP/Honors Courses		196	6	34	66	599	579	586
Course Work or Experience								
Acting or Play Production		735	23	35	65	573	550	555
Art History or Appreciation		482	15	38	62	527	513	508
Dance		413	13	9	91	547	524	535
Drama: Study or Appreciation		419	13	31	69	555	534	544
Music: Study or Appreciation		401	13	50	50	561	547	546
Music Performance		1,398	44	42	58	556	548	542
Photography or Film		1,010	32	38	62	533	521	521
Studio Art and Design		1,267	40	41	59	541	532	524
None		347	11	63	37	492	500	474

Computers†	Test-Takers		Percent by Gender		SAT Mean Scores			
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy		209	57	52	48	583	589	576
Computer Programming		68	18	59	41	602	624	588
Word Processing		205	56	50	50	587	586	578
Internet Activity		167	45	49	51	586	589	577
Using Computer Graphics		134	36	52	48	583	581	574
Creating Spreadsheets/Databases		138	37	51	49	580	589	577
None		70	19	43	57	581	599	578

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.

*Information about Arts & Music is incomplete for the 2015 cohort as data was not collected through the online registration process between January and June 2015. The full collection of this data has resumed.

†Information about Computer Experience represents a small sample of the 2015 cohort as this information is no longer collected through the online registration process as of November 2013.

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
710	1,715	695	630	639	621

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	87	12
2	329	46
3	223	31
4 or More	71	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 SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	245	634	89	242	656	76	624	86	641	75	
History and Social Studies											
U.S. History	222	624	95	221	648	80	624	92	637	79	
World History	26	588	113	26	658	87	615	87	625	93	
Mathematics											
Mathematics Level 1	300	628	81	293	618	85	635	69	612	85	
Mathematics Level 2	318	675	87	308	640	95	686	70	640	87	
Science											
Biology-E	94	625	75	92	628	80	629	82	624	78	
Biology-M	97	651	91	96	633	88	634	89	618	85	
Chemistry	201	626	102	193	627	92	660	85	623	88	
Physics	95	648	95	95	620	91	688	78	619	82	
Foreign and Classical Languages											
Chinese/Listening	3			3							
French	46	588	109	44	650	98	623	94	634	84	
French/Listening	9	643		9	624		594		621		
German	4			4							
German/Listening	1			1							
Modern Hebrew											
Italian	1			1							
Japanese/Listening	5	730		5	566		606		586		
Korean/Listening											
Latin	10	570		9	652		652		681		
Spanish	34	598	104	32	666	65	654	95	661	84	
Spanish/Listening	4			4							

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	21	9	22	10	2	8
700-740	51	21	31	14	3	12
650-690	47	19	49	22	3	12
600-640	50	20	41	18	7	27
550-590	34	14	27	12	2	8
500-540	24	10	27	12	2	8
450-490	11	4	17	8	3	12
400-440	7	3	7	3	3	12
350-390			1	0	1	4
300-340						
250-290						
200-240						
Total	245		222		26	
Mean	634		624		588	
SD	89		95		113	
75th percentile	700		690		670	
50th percentile	640		640		600	
25th percentile	570		550		460	

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	15	5	85	27	4	4	15	15	38	19	19	20
700-740	54	18	49	15	14	15	18	19	19	9	13	14
650-690	66	22	59	19	23	24	21	22	27	13	18	19
600-640	70	23	67	21	18	19	17	18	35	17	13	14
550-590	42	14	33	10	21	22	16	16	34	17	21	22
500-540	34	11	18	6	10	11	4	4	26	13	7	7
450-490	12	4	6	2	4	4	4	4	16	8	2	2
400-440	6	2					1	1	5	2	2	2
350-390	1	0	1	0			1	1	1	0		
300-340												
250-290												
200-240												
Total	300		318		94		97		201		95	
Mean	628		675		625		651		626		648	
SD	81		87		75		91		102		95	
75th percentile	690		750		680		720		710		720	
50th percentile	630		670		630		650		620		650	
25th percentile	570		610		580		590		550		570	

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	67	5	11	1	11	2	50				
700-740			3	7	1	11						
650-690			4	9	4	44						
600-640			9	20	1	11	1	25				
550-590	1	33	10	22								
500-540			4	9	1	11			1	100		
450-490			5	11	1	11						
400-440			6	13			1	25				
350-390												
300-340												
250-290												
200-240												
Total	3		46		9		4		1			
Mean			588		643							
SD			109									
75th percentile			640									
50th percentile			590									
25th percentile			490									

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			4	80					3	9		
700-740							2	20	5	15	1	25
650-690							1	10	4	12	1	25
600-640	1	100					2	20	5	15	1	25
550-590									6	18		
500-540							1	10	3	9		
450-490			1	20			2	20	6	18	1	25
400-440							2	20	2	6		
350-390												
300-340												
250-290												
200-240												
Total	1		5				10		34		4	
Mean			730				570		598			
SD									104			
75th percentile									670			
50th percentile									590			
25th percentile									490			

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	48	1	455	478	454
Architecture and Related Services	55	1	503	529	497
Area, Ethnic, Cultural and Gender Studies	9	0	576	513	560
Biological and Biomedical Sciences	211	5	562	561	544
Business Management, Marketing, and Related Support Services	431	11	504	531	495
Communication, Journalism and Related Programs	80	2	556	532	543
Computer and Information Sciences and Support Services	116	3	544	549	500
Construction Trades	9	0	399	472	378
Education	220	6	493	488	489
Engineering	337	8	551	590	527
Engineering Technologies/Technicians	30	1	513	562	474
English Language and Literature/Letters	73	2	582	516	557
Family and Consumer Sciences/Human Sciences	10	0	440	432	475
Foreign Languages, Literatures, and Linguistics	38	1	594	544	572
Health Professions and Related Clinical Services	656	16	504	507	500
History	44	1	574	516	530
Legal Professions and Studies	47	1	559	526	532
Liberal Arts and Sciences, General Studies, and Humanities	55	1	571	521	562
Library Science And Administration	1	0			
Mathematics and Statistics	33	1	592	662	582
Mechanic and Repair Technologies/Technician	16	0	409	431	389
Military Technologies And Applied Sciences	17	0	474	509	480
Multi/Interdisciplinary Studies	32	1	608	606	584
Natural Resources and Conservation	59	1	534	534	525
Parks, Recreation, Leisure and Fitness Studies	46	1	455	473	459
Personal and Culinary Services	14	0	469	454	444
Philosophy and Religious Studies	8	0	510	455	443
Physical Sciences	76	2	584	599	559
Precision Production	1	0			
Psychology	198	5	518	490	503
Public Administration and Social Services Professions	23	1	470	460	474
Security and Protective Services	107	3	474	471	457
Social Sciences	94	2	602	568	580
Theology and Religious Vocations	3	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	314	8	550	521	532
Other	71	2	476	479	450
Undecided	396	10	561	557	548
Degree-Level Goal					
Certificate Program	26	1	475	496	454
Associate Degree	99	3	442	449	419
Bachelor's Degree	1,553	41	503	502	489
Master's Degree	963	25	552	551	538
Doctoral or Related Degree	499	13	580	575	568
Other	18	0	441	436	426
Undecided	629	17	536	527	514

College Plans

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

Of the 4,579 students from your state who took the SAT and/or an SAT Subject Test, 3,412 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 1,022 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Vermont	VT	Public	1,791	52.5
Castleton State College	VT	Public	618	18.1
University of New Hampshire	NH	Public	412	12.1
Champlain College	VT	Private	324	9.5
Northeastern University	MA	Private	291	8.5
Saint Michael's College	VT	Private	274	8.0
Vermont Technical College	VT	Public	234	6.9
Boston University	MA	Private	232	6.8
Lyndon State College	VT	Public	217	6.4
University of Massachusetts Amherst	MA	Public	206	6.0
University of Maine	ME	Public	202	5.9
Johnson State College	VT	Public	192	5.6
Keene State College	NH	Public	190	5.6
Middlebury College	VT	Private	184	5.4
Clarkson University	NY	Private	183	5.4
Dartmouth College	NH	Private	171	5.0
Norwich University	VT	Private	155	4.5
University of Connecticut	CT	Public	147	4.3
University of Rhode Island	RI	Public	143	4.2
Rensselaer Polytechnic Institute	NY	Private	142	4.2
University of New England	ME	Private	136	4.0
Tufts University	MA	Private	131	3.8
Boston College	MA	Private	130	3.8
Syracuse University	NY	Private	128	3.8
Quinnipiac University	CT	Private	122	3.6
Rochester Institute of Technology	NY	Private	121	3.5
Ithaca College	NY	Private	119	3.5
Skidmore College	NY	Private	117	3.4
Endicott College	MA	Private	111	3.3
Plymouth State University	NH	Public	111	3.3
Harvard College	MA	Private	108	3.2
University of Colorado Boulder	CO	Public	107	3.1
NCAA Eligibility Center	IN	Public	107	3.1
Cornell University	NY	Private	106	3.1
New York University	NY	Private	105	3.1
St. Lawrence University	NY	Private	102	3.0
Worcester Polytechnic Institute	MA	Private	99	2.9
Brown University	RI	Private	98	2.9
SUNY College at Plattsburgh	NY	Public	94	2.8
University of Southern Maine	ME	Public	94	2.8
Roger Williams University	RI	Private	88	2.6
Drexel University	PA	Private	83	2.4
Colby College	ME	Private	83	2.4
Wentworth Institute of Technology	MA	Private	80	2.3
Franklin Pierce University	NH	Private	79	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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