

SAT[®]

2014 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 2014 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 Oct. 7, 2014 when the College Board will make state and total group-level data and information publicly available.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College Board national press conference, 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 2014 includes students who tested through June 2014.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2014 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 the 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, 1972–2014

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

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 2000–2014, 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 2014. Information is summarized for seniors who took the SAT at any time during their high school years through June 2014. 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	4,590	522	109	525	110	507	107	50.6	11.0	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	2,141	526	110	543	113	502	109	50.2	11.1	7.2	1.6
Female	2,449	519	109	510	104	512	105	50.9	10.9	7.5	1.4

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 (2013-2014)	3,126	515	107	520	108	501	103	49.9	10.7	7.3	1.4
Junior (2012-2013)	1,456	538	112	535	112	522	113	52.1	11.6	7.4	1.5
Sophomore (2011-2012)	8	568		565		569		57.0		7.8	
Freshman (2010-2011)	0										
Total	4,590	522	109	525	110	507	107	50.6	11.0	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	1,672,395	497	115	513	120	487	115	48.9	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 2014 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	600	560
50th	520	520	500	490	510	480
25th	440	450	430	420	430	410

Table 6: Score Distributions

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit www.collegeboard.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	132	125	257	196	98	294	96	107	203
600-690	450	503	953	509	433	942	349	441	790
500-590	705	768	1,473	718	829	1,547	644	788	1,432
400-490	612	733	1,345	521	754	1,275	710	807	1,517
300-390	207	282	489	163	301	464	289	268	557
200-290	35	38	73	34	34	68	53	38	91

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	3,732	83	46	54	520	521	504
Religiously Affiliated	146	3	56	44	547	539	527
Independent	618	14	50	50	525	546	516
Other or Unknown	94		37	63	560	523	544

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	313	7	500	113	485	116	474	111
Nonstandard Conditions	224	5	499	122	484	124	475	114

Note: Percentiles are reported when there are 20 or more test-takers.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: 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	20	0	476		470		445	
Asian, Asian American, or Pacific Islander	264	6	492	117	590	119	500	122
Black or African American	93	2	455	115	432	114	444	101
Mexican or Mexican American	18	0	512		501		486	
Puerto Rican	12	0	498		472		477	
Other Hispanic, Latino, or Latin American	61	1	473	127	491	135	456	133
White	3,987	87	527	107	524	105	511	105
Other	64	1	548	127	524	132	527	114
No Response	71	2	523	115	494	120	501	104
Total	4,590	100	522	109	525	110	507	107

Table 10: 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	11	0	476		460		432	
Asian, Asian American, or Pacific Islander	118	3	493	120	615	111	488	120
Black or African American	49	1	420	110	412	109	415	88
Mexican or Mexican American	11	0	491		498		464	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	34	1	454	131	491	150	427	145
White	1,852	40	533	106	543	108	507	106
Other	27	1	555	119	569	122	538	112
No Response	35	1	529	122	525	118	493	111
Total	2,141	47	526	110	543	113	502	109

Table 11: 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	9	0	474		482		461	
Asian, Asian American, or Pacific Islander	146	3	491	114	570	122	509	123
Black or African American	44	1	494	109	456	116	477	104
Mexican or Mexican American	7	0	544		506		521	
Puerto Rican	8	0	520		468		503	
Other Hispanic, Latino, or Latin American	27	1	497	117	492	113	491	107
White	2,135	47	521	107	508	100	514	103
Other	37	1	542	132	491	129	519	116
No Response	36	1	516	107	463	114	509	97
Total	2,449	53	519	109	510	104	512	105

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: 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	4,590	100	522	109	525	110	507	107
First Language Learned								
English	4,062	90	527	107	524	106	510	105
English and Another	203	4	522	107	532	117	512	110
Another Language	257	6	451	117	551	141	469	126
No Response	68		494	119	491	120	484	126
Citizenship								
U.S. Citizen / U.S. National	4,166	96	529	107	526	106	513	104
U.S. Permanent Resident or Refugee	54	1	506	131	530	136	502	114
Citizen of Another Country	108	2	459	103	584	134	480	124
Other, Unknown, or No Response	262		450	112	490	132	435	113
Plans to Apply for Financial Aid								
Yes	3,189	82	528	105	525	106	512	102
No	180	5	548	112	560	113	538	115
Don't Know	499	13	527	109	540	110	515	108
No Response	722		488	119	505	119	476	117
Family Income								
\$0 - \$20,000	184	6	460	108	459	111	447	102
\$20,000–\$40,000	370	13	496	106	488	104	476	99
\$40,000–\$60,000	465	16	514	105	511	100	494	104
\$60,000–\$80,000	505	18	522	110	523	108	507	105
\$80,000–\$100,000	426	15	529	101	537	101	517	98
\$100,000–\$120,000	335	12	547	102	551	106	529	102
\$120,000–\$140,000	167	6	549	96	567	95	537	85
\$140,000–\$160,000	124	4	541	117	536	111	535	102
\$160,000–\$200,000	127	4	563	106	581	103	548	109
More than \$200,000	171	6	570	108	578	100	556	106
No Response	1,716		519	110	522	111	505	110
Highest Level of Parental Education								
No High School Diploma	55	1	417	116	469	138	422	122
High School Diploma	1,192	27	473	95	482	102	460	93
Associate Degree	469	11	487	88	495	98	476	84
Bachelor's Degree	1,515	35	539	100	539	102	521	101
Graduate Degree	1,146	26	578	106	572	106	563	103
No Response	213		488	129	489	114	467	118
Took the PSAT/NMSQT®								
Yes, As a Junior	2,059	50	535	105	535	104	521	104
Yes, As a Sophomore or Younger	672	16	521	103	529	104	508	102
Yes, As a Junior and As a Sophomore or Younger	720	17	563	104	567	103	551	96
No	673	16	479	103	473	102	456	97
No Response	466		466	112	484	120	454	108

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 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	675	36	45	55	601	619	594
Second Tenth	549	29	43	57	533	542	520
Second Fifth	311	17	50	50	509	511	492
Final Three Fifths	340	18	51	49	451	453	433
No Response	2,715		47	53	511	509	495

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	210	5	43	57	628	645	630
A (93–96)	922	21	37	63	590	599	580
A- (90–92)	936	22	41	59	546	550	533
B (80–89)	1,961	46	51	49	481	482	464
C (70–79)	263	6	65	35	448	435	417
D, E, or F (below 70)	6	0	67	33	463	413	418
No Response	292		50	50	498	492	483
Mean Grade Point Average	All Students: 3.41		Male: 3.31		Female: 3.49		

Table 15: 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	2.3	2.7	2.5	3.72	3.86	3.80
English and Language Arts	3.9	3.9	3.9	3.35	3.60	3.48
Foreign and Classical Languages	2.9	3.1	3.0	3.29	3.51	3.41
Mathematics	4.0	3.9	3.9	3.23	3.29	3.26
Natural Sciences	3.6	3.6	3.6	3.30	3.39	3.35
Social Sciences and History	3.7	3.7	3.7	3.42	3.53	3.48
Total for All Subjects	20.4	20.9	20.6			

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: English, Mathematics

English and Language Arts		Test-Takers		Percent by Gender		SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	402	11	45	55	551	556	543	
4 Years	2,796	76	45	55	534	533	518	
3 Years	373	10	47	53	489	494	472	
2 Years	57	2	56	44	506	508	482	
1 Year	22	1	50	50	516	505	512	
1/2 Year or Less	27	1	33	67	439	458	423	
No Response	913		51	49	492	504	479	
AP@/Honors Courses	1,526	42	37	63	580	573	568	
Course Work or Experience								
English/Language Arts	3,321	96	44	56	531	530	516	
Journalism	366	11	42	58	523	516	505	
Creative Writing	1,117	32	41	59	530	522	514	
American Literature	2,372	68	44	56	534	534	518	
Composition/Writing	1,944	56	44	56	536	534	522	
British Literature	664	19	42	58	554	546	535	
World Literature	1,190	34	44	56	541	541	524	
Communications	237	7	51	49	502	513	491	
Public Speaking	683	20	46	54	531	533	519	
English As Second Language	135	4	46	54	449	518	459	
Mathematics								
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	677	18	52	48	554	583	543	
4 Years	2,212	60	45	55	536	535	521	
3 Years	667	18	42	58	496	475	474	
2 Years	73	2	49	51	469	453	451	
1 Year	24	1	42	58	505	506	498	
1/2 Year or Less	30	1	40	60	446	448	424	
No Response	907		51	49	492	503	479	
AP/Honors Courses	1,347	37	47	53	584	605	572	
Highest Level of Mathematics Achieved*								
Calculus	1,302	36	51	49	584	614	572	
Pre-calculus	1,021	29	41	59	527	523	510	
Geometry	1,112	31	41	59	480	454	462	
Algebra II	35	1	43	57	466	430	446	
Algebra I	34	1	32	68	431	399	416	

*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 17: 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	471	13	52	48	559	582	549	
4 Years	1,863	51	44	56	542	542	529	
3 Years	949	26	44	56	506	497	485	
2 Years	185	5	53	47	502	501	487	
1 Year	88	2	48	52	495	503	472	
1/2 Year or Less	65	2	40	60	464	468	449	
No Response	969		50	50	493	503	479	
AP/Honors Courses	1,182	33	44	56	584	595	573	
Course Work or Experience								
Biology	3,402	97	44	56	531	531	516	
Chemistry	3,124	89	44	56	537	539	523	
Physics	2,142	61	50	50	547	558	533	
Geology, Earth, or Space Science	2,581	74	45	55	526	525	511	
Other Sciences	1,487	43	40	60	520	519	507	

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	379	10	51	49	562	559	548	
4 Years	2,001	55	45	55	543	539	529	
3 Years	1,052	29	45	55	505	512	486	
2 Years	132	4	51	49	488	501	472	
1 Year	52	1	37	63	476	505	460	
1/2 Year or Less	32	1	41	59	451	448	419	
No Response	942		51	49	492	503	479	
AP/Honors Courses	1,292	35	44	56	582	579	571	
Course Work or Experience								
U.S. History	3,332	96	44	56	531	531	515	
World History or Cultures	2,706	78	44	56	537	537	522	
U.S. Government or Civics	1,864	54	45	55	534	534	517	
Economics	795	23	51	49	537	543	520	
Geography	688	20	44	56	517	517	503	
Psychology	1,309	38	35	65	530	530	519	
European History	1,016	29	48	52	551	544	535	
Sociology	526	15	36	64	524	518	509	
Ancient History	713	20	46	54	551	544	529	
Other Courses	1,016	29	44	56	531	529	517	

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: 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	342	9	41	59	583	584	570
4 Years	1,052	29	41	59	575	573	564
3 Years	976	27	45	55	534	537	520
2 Years	862	24	50	50	489	490	467
1 Year	200	6	53	48	473	461	445
1/2 Year or Less	204	6	52	48	435	442	420
No Response	954		51	49	491	502	478
AP/Honors Courses	537	15	38	62	598	599	594
Course Work or Experience							
Chinese	84	2	44	56	554	591	540
French	1,224	35	38	62	545	536	532
German	224	6	51	49	534	526	509
Greek	19	1	47	53	607	584	562
Hebrew	4	0	50	50			
Italian	20	1	40	60	567	543	547
Japanese	35	1	40	60	589	576	553
Korean	6	0	33	67	450	535	455
Latin	432	12	47	53	563	558	544
Russian	22	1	50	50	560	546	539
Spanish	1,900	55	43	57	529	533	515
Other Languages	57	2	46	54	536	529	512

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 19: Arts and Music, Computers

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	325	9	38	62	553	544	535
4 Years	768	21	39	61	550	538	535
3 Years	597	17	39	61	521	517	508
2 Years	867	24	46	54	518	521	503
1 Year	787	22	56	44	526	540	510
1/2 Year or Less	268	7	52	48	514	523	496
No Response	978		52	48	495	505	482
AP/Honors Courses	212	6	37	63	579	573	570
Course Work or Experience							
Acting or Play Production	784	23	33	67	570	544	549
Art History or Appreciation	517	15	36	64	530	519	517
Dance	361	11	11	89	526	512	521
Drama: Study or Appreciation	425	12	31	69	543	518	528
Music: Study or Appreciation	464	14	51	49	556	544	541
Music Performance	1,479	43	41	59	555	551	540
Photography or Film	1,067	31	37	63	529	524	517
Studio Art and Design	1,357	40	37	63	537	533	524
None	402	12	61	39	486	499	470

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,795	56	46	54	538	539	523
Computer Programming	463	14	62	38	541	555	520
Word Processing	1,781	56	45	55	539	539	522
Internet Activity	1,362	43	45	55	544	543	527
Using Computer Graphics	1,019	32	52	48	536	542	518
Creating Spreadsheets/Databases	1,065	33	46	54	541	547	526
None	635	20	39	61	523	521	513

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.

SAT Subject Tests™ Data

Table 20: 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
800	1,963	788	627	638	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	100	13
2	352	44
3	256	32
4 or More	92	12

Table 21: 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	280	647	84	278	659	75	628	83	650	75	
History and Social Studies											
U.S. History	265	617	90	262	636	83	621	85	628	89	
World History	25	636	119	25	678	78	634	75	646	79	
Mathematics											
Mathematics Level 1	311	632	82	307	626	82	640	78	620	82	
Mathematics Level 2	334	670	80	326	638	88	689	65	635	82	
Science											
Biology-E	115	619	85	114	625	86	614	81	614	76	
Biology-M	117	647	84	114	632	84	645	77	632	86	
Chemistry	262	624	92	258	632	84	664	75	624	84	
Physics	99	638	86	97	638	93	694	78	634	86	
Foreign and Classical Languages											
Chinese/Listening	4			4							
French	56	611	117	55	644	78	627	77	645	75	
French/Listening	12	666		12	659		635		626		
German	2			2							
German/Listening	5	604		5	572		602		588		
Modern Hebrew											
Italian	2			2							
Japanese/Listening	3			3							
Korean/Listening											
Latin	4			4							
Spanish	58	590	116	56	637	78	636	72	657	77	
Spanish/Listening	9	578		8	651		663		676		

SAT Subject Tests Score Distributions

Table 22: 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	27	10	20	8	5	20
700-740	59	21	34	13	5	20
650-690	69	25	56	21	1	4
600-640	52	19	55	21	6	24
550-590	35	13	47	18	1	4
500-540	23	8	29	11	4	16
450-490	11	4	14	5	2	8
400-440	2	1	8	3		
350-390	2	1	1	0		
300-340			1	0	1	4
250-290						
200-240						
Total	280		265		25	
Mean	647		617		636	
SD	84		90		119	
75th percentile	710		680		730	
50th percentile	650		620		620	
25th percentile	590		560		540	

Table 23: 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	23	7	79	24	10	9	13	11	24	9	13	13
700-740	59	19	45	13	8	7	27	23	43	16	13	13
650-690	62	20	80	24	27	23	20	17	47	18	19	19
600-640	57	18	67	20	23	20	27	23	53	20	23	23
550-590	55	18	48	14	23	20	16	14	35	13	16	16
500-540	41	13	11	3	17	15	9	8	35	13	11	11
450-490	13	4	3	1	6	5	4	3	19	7	3	3
400-440	1	0	1	0	1	1			6	2	1	1
350-390							1	1				
300-340												
250-290												
200-240												
Total	311		334		115		117		262		99	
Mean	632		670		619		647		624		638	
SD	82		80		85		84		92		86	
75th percentile	700		730		670		710		700		700	
50th percentile	640		670		610		650		630		630	
25th percentile	560		610		560		590		550		570	

SAT Subject Tests Score Distributions

Table 24: 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	50	12	21	2	17	1	50				
700-740	2	50	2	4	4	33			1	20		
650-690			4	7	1	8			2	40		
600-640			9	16	3	25						
550-590			11	20								
500-540			9	16	1	8			1	20		
450-490			5	9			1	50	1	20		
400-440			4	7	1	8						
350-390												
300-340												
250-290												
200-240												
Total	4		56		12		2		5			
Mean			611		666				604			
SD			117									
75th percentile			690									
50th percentile			590									
25th percentile			520									

Table 25: 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	33					10	17	1	11
700-740	1	50	1	33			3	75	3	5		
650-690									5	9	1	11
600-640									7	12	2	22
550-590									14	24	2	22
500-540							1	25	5	9	2	22
450-490			1	33					8	14		
400-440									4	7		
350-390									2	3		
300-340	1	50									1	11
250-290												
200-240												
Total	2		3				4		58		9	
Mean									590		578	
SD									116			
75th percentile									660			
50th percentile									570			
25th percentile									490			

College Plans

Table 26: 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	56	1	472	480	457
Architecture and Related Services	60	1	518	562	505
Area, Ethnic, Cultural and Gender Studies	6	0	563	507	548
Biological and Biomedical Sciences	235	6	560	562	550
Business Management, Marketing, and Related Support Services	409	10	497	530	494
Communication, Journalism and Related Programs	99	2	552	514	541
Computer and Information Sciences and Support Services	85	2	573	567	522
Construction Trades	3	0			
Education	233	6	495	495	487
Engineering	326	8	556	597	531
Engineering Technologies/Technicians	34	1	497	532	485
English Language and Literature/Letters	69	2	594	529	578
Family and Consumer Sciences/Human Sciences	12	0	469	477	469
Foreign Languages, Literatures, and Linguistics	47	1	599	573	581
Health Professions and Related Clinical Services	620	15	504	511	498
History	50	1	559	509	516
Legal Professions and Studies	64	2	538	528	516
Liberal Arts and Sciences, General Studies, and Humanities	65	2	571	550	565
Library Science And Administration	0	0			
Mathematics and Statistics	49	1	577	651	546
Mechanic and Repair Technologies/Technician	29	1	453	475	423
Military Technologies And Applied Sciences	16	0	483	485	438
Multi/Interdisciplinary Studies	26	1	614	583	591
Natural Resources and Conservation	59	1	507	505	482
Parks, Recreation, Leisure and Fitness Studies	36	1	461	476	454
Personal and Culinary Services	15	0	483	491	459
Philosophy and Religious Studies	10	0	571	497	535
Physical Sciences	66	2	593	607	565
Precision Production	1	0			
Psychology	181	5	510	487	503
Public Administration and Social Services Professions	11	0	516	507	463
Security and Protective Services	86	2	472	459	446
Social Sciences	108	3	588	562	568
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	3	0			
Visual and Performing Arts	332	8	539	509	513
Other	79	2	476	490	464
Undecided	427	11	544	550	537
Degree-Level Goal					
Certificate Program	32	1	451	453	413
Associate Degree	91	2	429	434	408
Bachelor's Degree	1,551	39	503	504	488
Master's Degree	967	25	545	546	535
Doctoral or Related Degree	518	13	579	586	566
Other	21	1	444	454	439
Undecided	753	19	539	532	516

College Plans

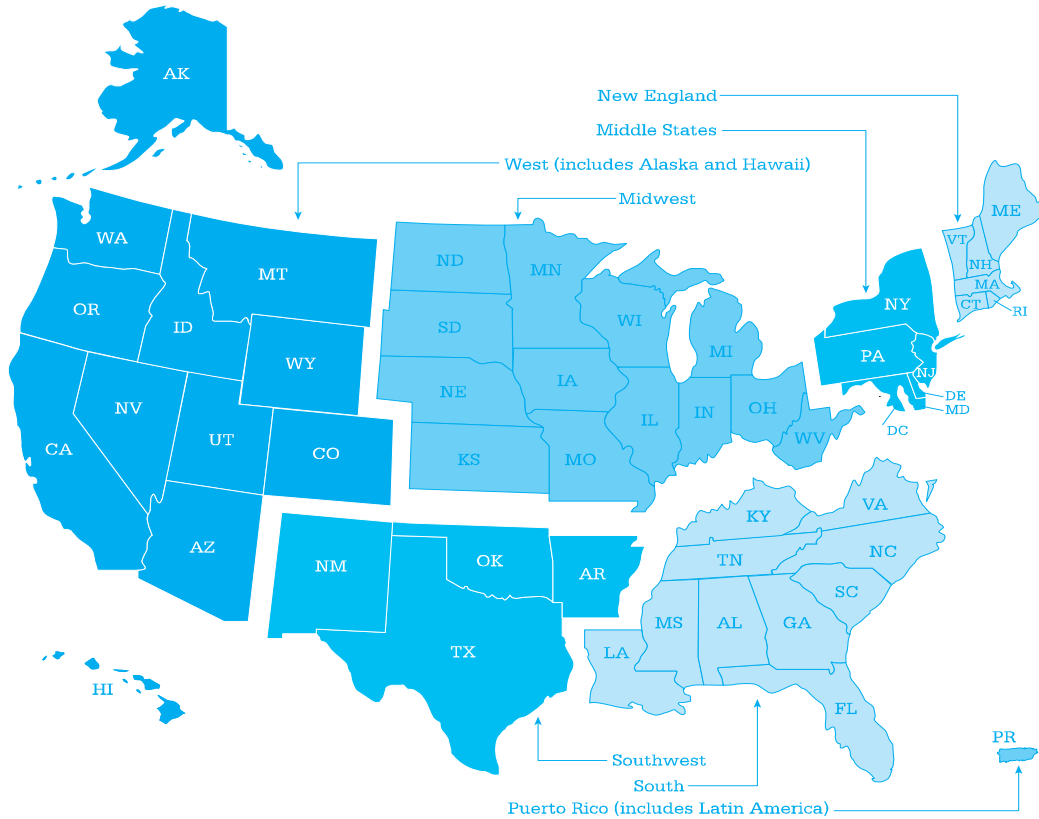
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 4,602 students from your state who took the SAT and/or an SAT Subject Test, 3,478 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 1,032 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Vermont	VT	Public	1,807	52.0
Castleton State College	VT	Public	573	16.5
University of New Hampshire	NH	Public	385	11.1
Champlain College	VT	Private	337	9.7
Northeastern University	MA	Private	337	9.7
Saint Michael's College	VT	Private	284	8.2
Johnson State College	VT	Public	277	8.0
Keene State College	NH	Public	244	7.0
Lyndon State College	VT	Public	241	6.9
Vermont Technical College	VT	Public	234	6.7
University of Massachusetts Amherst	MA	Public	227	6.5
Boston University	MA	Private	218	6.3
Clarkson University	NY	Private	182	5.2
Dartmouth College	NH	Private	176	5.1
Middlebury College	VT	Private	173	5.0
University of Maine	ME	Public	172	4.9
Syracuse University	NY	Private	152	4.4
Quinnipiac University	CT	Private	148	4.3
University of New England	ME	Private	148	4.3
Norwich University	VT	Private	147	4.2
Rensselaer Polytechnic Institute	NY	Private	136	3.9
Drexel University	PA	Private	131	3.8
University of Connecticut	CT	Public	130	3.7
Plymouth State University	NH	Public	127	3.7
Ithaca College	NY	Private	127	3.7
Skidmore College	NY	Private	126	3.6
Cornell University	NY	Private	125	3.6
University of Colorado Boulder	CO	Public	121	3.5
Tufts University	MA	Private	119	3.4
NCAA Eligibility Center	IN	Public	118	3.4
University of Rhode Island	RI	Public	116	3.3
Boston College	MA	Private	107	3.1
Brown University	RI	Private	106	3.0
Worcester Polytechnic Institute	MA	Private	105	3.0
Emmanuel College	MA	Private	101	2.9
Endicott College	MA	Private	99	2.8
Rochester Institute of Technology	NY	Private	97	2.8
Harvard College	MA	Private	96	2.8
Colby-Sawyer College	NH	Private	95	2.7
SUNY College at Plattsburgh	NY	Public	91	2.6
University of Southern Maine	ME	Public	88	2.5
Fordham University	NY	Private	87	2.5
New York University	NY	Private	85	2.4
St. Lawrence University	NY	Private	84	2.4
Penn State University Park	PA	Public	78	2.2

*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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