



2011 College-Bound Seniors

State Profile Report

VERMONT

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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 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.
- 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.
- 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 Web site 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.

The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2011

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

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 2000–2011, 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 <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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	5,014	515	108	518	105	505	104	50.2	10.6	7.6	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	2,305	518	107	536	106	497	104	49.6	10.4	7.4	1.5
Female	2,709	513	108	503	101	512	104	50.6	10.7	7.8	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 (2010-2011)	3,404	509	105	512	103	498	101	49.4	10.2	7.6	1.5
Junior (2009-2010)	1,604	528	111	531	108	520	109	51.8	11.0	7.7	1.5
Sophomore (2008-2009)	6	638		662		655		65.5		8.5	
Freshman (2007-2008)											
Total	5,014	515	108	518	105	505	104	50.2	10.6	7.6	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	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 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.

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	590	590	580	570	600	560
50th	510	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	112	143	255	153	78	231	85	123	208
600-690	467	485	952	555	448	1,003	330	477	807
500-590	747	874	1,621	755	887	1,642	710	878	1,588
400-490	684	840	1,524	642	934	1,576	808	873	1,681
300-390	257	316	573	173	303	476	335	324	659
200-290	38	51	89	27	59	86	37	34	71

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	4,143	86	45	55	516	517	505
Religiously Affiliated	149	3	55	45	521	525	511
Independent	542	11	49	51	503	538	510
Other or Unknown	180		44	56	510	484	489

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	327	7	480	108	469	108	459	100
Nonstandard Conditions	193	4	474	110	463	113	468	103

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	21	0	471		477		446	
Asian, Asian American, or Pacific Islander	244	5	460	119	584	125	481	117
Black or African American	95	2	449	123	435	110	455	106
Mexican or Mexican American	19	0	481		468		454	
Puerto Rican	21	0	460		470		443	
Other Hispanic, Latino, or Latin American	56	1	476	110	490	97	486	113
White	4,340	87	521	104	519	101	509	102
Other	55	1	523	109	505	102	509	99
No Response	163	3	514	122	490	113	493	117
Total	5,014	100	515	108	518	105	505	104

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	10	0	491		516		458	
Asian, Asian American, or Pacific Islander	117	2	448	114	605	119	473	119
Black or African American	43	1	456	117	448	112	455	99
Mexican or Mexican American	9	0	483		466		416	
Puerto Rican	11	0	482		505		469	
Other Hispanic, Latino, or Latin American	22	0	475		497		475	
White	1,990	40	524	103	537	102	501	101
Other	23	0	554		540		516	
No Response	80	2	502	126	497	117	468	110
Total	2,305	46	518	107	536	106	497	104

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	11	0	453		442		435	
Asian, Asian American, or Pacific Islander	127	3	471	122	566	127	488	114
Black or African American	52	1	443	127	425	107	455	112
Mexican or Mexican American	10	0	478		470		489	
Puerto Rican	10	0	435		430		414	
Other Hispanic, Latino, or Latin American	34	1	476	97	485	87	494	109
White	2,350	47	517	105	503	97	516	102
Other	32	1	501	112	481	90	504	94
No Response	83	2	527	117	483	109	517	119
Total	2,709	54	513	108	503	101	512	104

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	5,014	100	515	108	518	105	505	104
First Language Learned								
English	4,420	90	521	104	518	101	509	102
English and Another	219	4	496	112	505	111	493	107
Another Language	273	6	431	119	544	140	454	123
No Response	102		516	122	489	119	485	118
Citizenship								
U.S. Citizen / U.S. National	4,604	96	521	105	518	102	510	102
U.S. Permanent Resident or Refugee	59	1	421	134	467	128	425	127
Citizen of Another Country	115	2	451	102	588	120	476	116
Other, Unknown, or No Response	236		455	121	507	128	453	111
Plans to Apply for Financial Aid								
Yes	3,499	81	518	106	516	103	507	102
No	223	5	539	108	550	107	537	110
Don't Know	585	14	513	108	529	106	503	106
No Response	707		493	113	510	111	487	109
Family Income								
\$0 - \$20,000	192	6	471	110	479	100	459	104
\$20,000–\$40,000	418	14	492	101	496	99	479	98
\$40,000–\$60,000	522	17	510	102	504	95	498	98
\$60,000–\$80,000	576	19	519	101	515	100	510	96
\$80,000–\$100,000	462	15	525	100	533	95	518	98
\$100,000–\$120,000	346	11	537	104	536	105	526	102
\$120,000–\$140,000	156	5	536	95	542	98	528	94
\$140,000–\$160,000	125	4	547	100	549	102	537	91
\$160,000–\$200,000	102	3	554	97	557	104	551	105
More than \$200,000	132	4	553	111	584	107	556	99
No Response	1,983		510	113	515	109	500	109
Highest Level of Parental Education								
No High School Diploma	69	1	408	98	444	109	411	97
High School Diploma	1,442	31	473	95	484	97	464	90
Associate Degree	497	11	497	86	504	93	483	88
Bachelor's Degree	1,522	32	535	102	537	101	525	97
Graduate Degree	1,170	25	568	106	556	104	557	105
No Response	314		470	111	483	107	458	103
Took the PSAT/NMSQT®								
Yes, As a Junior	2,411	53	524	105	529	102	516	100
Yes, As a Sophomore or Younger	540	12	518	97	520	97	510	93
Yes, As a Junior and As a Sophomore or Younger	729	16	555	100	549	94	547	101
No	871	19	475	106	472	105	454	101
No Response	463		478	114	500	115	473	107

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

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	724	34	39	61	593	604	590
Second Tenth	594	28	47	53	528	537	520
Second Fifth	381	18	47	53	502	508	489
Final Three Fifths	403	19	54	46	453	454	439
No Response	2,912		46	54	503	503	492

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)	173	4	38	62	641	628	637
A (93–96)	840	18	36	64	585	594	586
A- (90–92)	1,005	21	40	60	539	551	535
B (80–89)	2,282	49	48	52	483	486	471
C (70–79)	388	8	64	36	442	436	421
D, E, or F (below 70)	11	0	55	45	469	422	424
No Response	315		56	44	501	489	473
Mean Grade Point Average	All Students: 3.34		Male: 3.24		Female: 3.42		

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	2.8	2.6	3.66	3.86	3.77
English and Language Arts	3.9	4.0	4.0	3.26	3.54	3.41
Foreign and Classical Languages	2.8	3.1	3.0	3.18	3.43	3.32
Mathematics	4.0	3.9	3.9	3.18	3.21	3.20
Natural Sciences	3.6	3.7	3.6	3.24	3.34	3.29
Social Sciences and History	3.7	3.7	3.7	3.34	3.48	3.42
Total for All Subjects	20.3	21.2	20.8			

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	512	12	42	58	551	546	545	
4 Years	3,077	75	46	54	521	523	510	
3 Years	424	10	42	58	483	491	475	
2 Years	49	1	51	49	483	517	468	
1 Year	21	1	33	67	498	523	489	
1/2 Year or Less	29	1	59	41	470	490	444	
No Response	902		50	50	491	501	484	
AP®/Honors Courses	1,384	34	38	62	582	568	572	
Course Work or Experience								
English/Language Arts	3,746	96	44	56	522	521	511	
Journalism	464	12	39	61	515	510	508	
Creative Writing	1,347	35	38	62	527	513	517	
American Literature	2,804	72	44	56	523	521	513	
Composition/Writing	2,321	60	42	58	524	522	516	
British Literature	819	21	43	57	544	528	529	
World Literature	1,371	35	46	54	529	524	519	
Communications	320	8	46	54	508	499	496	
Public Speaking	713	18	43	57	527	521	518	
English As Second Language	190	5	44	56	440	503	447	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	790	19	50	50	544	574	540	
4 Years	2,427	59	44	56	525	524	514	
3 Years	779	19	42	58	486	471	473	
2 Years	73	2	51	49	485	470	464	
1 Year	16	0	63	38	466	484	445	
1/2 Year or Less	31	1	45	55	493	485	457	
No Response	898		50	50	491	502	484	
AP/Honors Courses	1,251	30	48	52	580	606	574	
Highest Level of Mathematics Achieved*								
Calculus	1,051	26	53	47	575	609	569	
Pre-calculus	1,174	29	40	60	536	540	527	
Trigonometry	327	8	42	58	502	486	485	
Algebra II	1,056	26	43	57	480	462	470	
Algebra I	243	6	46	54	436	406	417	

*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	542	13	46	54	552	573	548	
4 Years	2,071	51	44	56	532	532	521	
3 Years	1,117	27	44	56	495	490	485	
2 Years	197	5	53	47	490	500	472	
1 Year	82	2	49	51	477	475	457	
1/2 Year or Less	61	1	39	61	458	462	436	
No Response	944		50	50	492	501	484	
AP/Honors Courses	1,158	28	44	56	576	585	567	
Course Work or Experience								
Biology	3,783	97	44	56	521	522	512	
Chemistry	3,414	87	43	57	527	531	519	
Physics	2,220	57	48	52	536	548	526	
Geology, Earth, or Space Science	2,781	71	45	55	518	518	506	
Other Sciences	1,533	39	40	60	508	506	497	

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	445	11	44	56	555	546	544	
4 Years	2,223	54	45	55	533	529	523	
3 Years	1,212	30	45	55	492	504	482	
2 Years	136	3	53	47	480	508	469	
1 Year	34	1	41	59	484	518	476	
1/2 Year or Less	39	1	51	49	462	479	443	
No Response	925		50	50	491	502	484	
AP/Honors Courses	1,221	30	45	55	586	577	576	
Course Work or Experience								
U.S. History	3,718	95	44	56	521	522	510	
World History or Cultures	3,091	79	45	55	525	525	514	
U.S. Government or Civics	2,000	51	45	55	525	525	513	
Economics	772	20	51	49	518	522	505	
Geography	981	25	42	58	518	513	508	
Psychology	1,212	31	34	66	521	515	513	
European History	1,259	32	45	55	550	538	537	
Sociology	565	14	34	66	521	504	507	
Ancient History	1,094	28	47	53	540	535	529	
Other Courses	1,020	26	43	57	520	517	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: 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	430	11	39	61	580	572	573
4 Years	1,127	28	40	60	563	561	558
3 Years	1,127	28	44	56	520	523	510
2 Years	937	23	49	51	481	486	467
1 Year	209	5	54	46	444	451	422
1/2 Year or Less	248	6	59	41	436	454	419
No Response	936		51	49	491	500	484
AP/Honors Courses	518	13	37	63	600	595	600
Course Work or Experience							
Chinese	86	2	43	57	516	547	506
French	1,465	38	40	60	535	533	525
German	209	5	47	53	524	505	507
Greek	29	1	48	52	574	528	561
Hebrew	5	0	20	80	486	464	486
Italian	25	1	24	76	573	515	544
Japanese	54	1	41	59	549	539	528
Korean	10	0	40	60	435	490	431
Latin	466	12	42	58	548	540	534
Russian	18	0	50	50	534	516	516
Spanish	2,107	54	44	56	518	518	509
Other Languages	57	1	35	65	526	526	509

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	444	11	33	67	547	537	544
4 Years	861	21	32	68	541	530	529
3 Years	637	16	42	58	519	517	510
2 Years	985	24	49	51	512	517	502
1 Year	798	20	55	45	500	516	488
1/2 Year or Less	323	8	60	40	506	521	488
No Response	966		51	49	492	502	486
AP/Honors Courses	207	5	32	68	579	569	575
Course Work or Experience							
Acting or Play Production	912	24	35	65	566	538	551
Art History or Appreciation	656	17	39	61	519	514	512
Dance	499	13	9	91	525	504	525
Drama: Study or Appreciation	555	15	33	67	551	522	540
Music: Study or Appreciation	569	15	51	49	561	547	547
Music Performance	1,664	44	41	59	549	540	538
Photography or Film	1,234	33	35	65	522	517	515
Studio Art and Design	1,436	38	38	62	528	525	518
None	433	11	62	38	475	500	462

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	2,270	62	45	55	528	526	517
Computer Programming	486	13	61	39	512	527	499
Word Processing	2,401	65	43	57	525	525	515
Internet Activity	1,787	49	46	54	525	525	514
Using Computer Graphics	1,367	37	50	50	519	522	509
Creating Spreadsheets/Databases	1,376	37	46	54	526	529	515
None	537	15	40	60	511	517	502

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
832	2,041	813	618	627	618

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	88	11
2	378	45
3	292	35
4 or More	74	9

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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	347	632	92	341	657	79	609	77	643	77
History and Social Studies										
U.S. History	288	618	88	280	649	78	616	74	638	78
World History	30	586	93	30	658	79	604	93	642	85
Mathematics										
Mathematics Level 1	320	627	76	312	615	88	631	68	617	84
Mathematics Level 2	322	659	89	315	607	109	672	69	623	91
Science										
Biology-E	113	607	89	113	622	89	618	85	605	88
Biology-M	115	644	84	114	643	73	632	74	642	81
Chemistry	228	605	89	221	612	93	657	74	618	85
Physics	96	624	83	94	568	111	675	80	581	100
Foreign and Classical Languages										
Chinese/Listening	10	694		9	502		593		530	
French	64	582	105	63	665	91	624	77	643	95
French/Listening	11	652		11	645		609		627	
German	1			1						
German/Listening	5	630		5	650		566		658	
Modern Hebrew										
Italian	2			2						
Japanese/Listening	8	629		8	555		600		578	
Korean/Listening	4			4						
Latin	5	530		5	680		612		660	
Spanish	59	576	101	59	641	78	608	89	647	75
Spanish/Listening	13	562		13	603		572		602	

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	35	10	20	7	1	3
700-740	74	21	46	16	3	10
650-690	66	19	52	18	7	23
600-640	49	14	48	17	4	13
550-590	51	15	48	17	5	17
500-540	47	14	51	18	4	13
450-490	15	4	16	6	4	13
400-440	8	2	5	2	2	7
350-390	2	1	2	1		
300-340						
250-290						
200-240						
Total	347		288		30	
Mean	632		618		586	
SD	92		88		93	
75th percentile	700		690		660	
50th percentile	650		620		570	
25th percentile	560		540		500	

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	17	5	69	21	9	8	15	13	13	6	10	10
700-740	43	13	44	14	9	8	22	19	23	10	8	8
650-690	83	26	61	19	16	14	19	17	41	18	24	25
600-640	77	24	66	20	28	25	24	21	43	19	15	16
550-590	54	17	50	16	29	26	21	18	48	21	21	22
500-540	28	9	26	8	11	10	10	9	36	16	13	14
450-490	14	4	4	1	6	5	4	3	16	7	4	4
400-440	3	1	1	0	4	4			8	4	1	1
350-390	1	0	1	0								
300-340					1	1						
250-290												
200-240												
Total	320		322		113		115		228		96	
Mean	627		659		607		644		605		624	
SD	76		89		89		84		89		83	
75th percentile	680		730		660		710		670		670	
50th percentile	630		650		600		640		600		630	
25th percentile	580		590		550		570		540		560	

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	6	60	5	8	2	18						
700-740			6	9	2	18			2	40		
650-690	1	10	8	13	2	18			1	20		
600-640	1	10	8	13	1	9						
550-590			14	22	1	9			1	20		
500-540			10	16	3	27	1	100				
450-490	1	10	6	9					1	20		
400-440	1	10	6	9								
350-390			1	2								
300-340												
250-290												
200-240												
Total	10		64		11		1		5			
Mean	694		582		652				630			
SD			105									
75th percentile			650									
50th percentile			570									
25th percentile			500									

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			2	25	4	100			4	7	2	15
700-740			1	13					2	3	1	8
650-690			1	13					10	17		
600-640	1	50	2	25			1	20	10	17		
550-590							1	20	9	15	3	23
500-540			1	13			2	40	11	19	3	23
450-490	1	50					1	20	9	15	3	23
400-440									2	3		
350-390			1	13					1	2	1	8
300-340												
250-290									1	2		
200-240												
Total	2		8		4		5		59		13	
Mean			629				530		576		562	
SD									101			
75th percentile									650			
50th percentile									570			
25th percentile									500			

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	64	2	459	466	452
Architecture and Related Services	96	2	502	549	496
Area, Ethnic, Cultural and Gender Studies	10	0	578	533	545
Biological and Biomedical Sciences	228	5	549	553	538
Business Management, Marketing, and Related Support Services	383	9	490	525	489
Communication, Journalism and Related Programs	106	3	525	487	516
Computer and Information Sciences and Support Services	98	2	548	563	515
Construction Trades	10	0	414	449	417
Education	280	7	498	496	495
Engineering	273	6	549	596	527
Engineering Technologies/Technicians	52	1	480	525	451
English Language and Literature/Letters	84	2	589	507	560
Family and Consumer Sciences/Human Sciences	15	0	440	479	456
Foreign Languages, Literatures, and Linguistics	54	1	579	541	576
Health Professions and Related Clinical Services	651	15	496	504	491
History	70	2	569	534	536
Legal Professions and Studies	75	2	534	514	523
Liberal Arts and Sciences, General Studies, and Humanities	74	2	556	538	555
Library Science And Administration	4	0			
Mathematics and Statistics	48	1	554	646	558
Mechanic and Repair Technologies/Technician	11	0	405	430	381
Military Technologies And Applied Sciences	6	0	468	488	428
Multi/Interdisciplinary Studies	11	0	645	623	626
Natural Resources and Conservation	46	1	537	513	514
Parks, Recreation, Leisure and Fitness Studies	54	1	477	476	460
Personal and Culinary Services	18	0	473	476	444
Philosophy and Religious Studies	8	0	575	593	581
Physical Sciences	60	1	583	617	574
Precision Production					
Psychology	233	6	509	487	502
Public Administration and Social Services Professions	12	0	468	422	471
Security and Protective Services	83	2	461	468	447
Social Sciences	89	2	594	562	569
Theology and Religious Vocations	2	0			
Transportation and Materials Moving	4	0			
Visual and Performing Arts	381	9	533	510	522
Other	122	3	474	483	468
Undecided	420	10	542	546	537
Degree-Level Goal					
Certificate Program	39	1	434	459	416
Associate Degree	126	3	426	439	420
Bachelor's Degree	1,702	39	498	501	488
Master's Degree	988	23	539	539	530
Doctoral or Related Degree	581	13	572	572	563
Other	17	0	425	456	414
Undecided	911	21	519	516	506

College Plans

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

Of the 5,033 students from your state who took the SAT and/or an SAT Subject Test, 3,666 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 1,045 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF VERMONT	VT	Public	1,868	51.0
CASTLETON STATE COLLEGE	VT	Public	599	16.3
UNIVERSITY OF NEW HAMPSHIRE DURHAM	NH	Public	423	11.5
SAINT MICHAELS COLLEGE	VT	Private	322	8.8
CHAMPLAIN COLLEGE	VT	Private	318	8.7
JOHNSON STATE COLLEGE	VT	Public	304	8.3
NORTHEASTERN UNIVERSITY	MA	Private	301	8.2
VERMONT TECHNICAL COLLEGE	VT	Public	264	7.2
KEENE STATE COLLEGE	NH	Public	247	6.7
BOSTON UNIVERSITY	MA	Private	229	6.2
MIDDLEBURY COLLEGE	VT	Private	203	5.5
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	203	5.5
DARTMOUTH COLLEGE	NH	Private	185	5.0
LYNDON STATE COLLEGE	VT	Public	177	4.8
UNIVERSITY OF RHODE ISLAND	RI	Public	173	4.7
NCAA ELIGIBILITY CENTER	IN	Public	171	4.7
SYRACUSE UNIVERSITY	NY	Private	158	4.3
CLARKSON UNIVERSITY	NY	Private	156	4.3
PLYMOUTH STATE UNIVERSITY	NH	Public	154	4.2
NORWICH UNIVERSITY	VT	Private	152	4.1
UNIVERSITY OF CONNECTICUT	CT	Public	151	4.1
RENSSELAER POLYTECHNIC INSTITUTE	NY	Private	151	4.1
BOSTON COLLEGE	MA	Private	147	4.0
QUINNIPIAC UNIVERSITY	CT	Private	145	4.0
UNIVERSITY OF NEW ENGLAND	ME	Private	137	3.7
UNIVERSITY OF MAINE ORONO	ME	Public	134	3.7
ITHACA COLLEGE	NY	Private	134	3.7
CORNELL UNIVERSITY	NY	Private	130	3.5
TUFTS UNIVERSITY	MA	Private	122	3.3
BROWN UNIVERSITY	RI	Private	120	3.3
UNIVERSITY OF SOUTHERN MAINE	ME	Public	119	3.2
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	116	3.2
ROGER WILLIAMS UNIVERSITY	RI	Private	114	3.1
PLATTSBURGH STATE UNIVERSITY	NY	Public	112	3.1
ENDICOTT COLLEGE	MA	Private	111	3.0
NEW YORK UNIVERSITY	NY	Private	108	2.9
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	Private	107	2.9
SKIDMORE COLLEGE	NY	Private	104	2.8
COLBY-SAWYER COLLEGE	NH	Private	103	2.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	102	2.8
DREXEL UNIVERSITY	PA	Private	101	2.8
WORCESTER POLYTECHNIC INSTITUTE	MA	Private	92	2.5
SAINT LAWRENCE UNIVERSITY	NY	Private	90	2.5
PENNSYLVANIA STATE UNIVERSITY	PA	Public	88	2.4
UNIVERSITY OF COLORADO BOULDER	CO	Public	87	2.4

*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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