



2008 College-Bound Seniors

State Profile Report

VERMONT

Included in this Report

SAT Reasoning Test™ Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT Reasoning Test™ (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 2008* includes students who tested through March 2008.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2008 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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.com.

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 200–800 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: Connecting Students to College Success

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 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 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.

A note about changes to the SAT Questionnaire:

In the 2006-2007 academic year, changes to the SAT Questionnaire were made. Sections of this report most notably affected by this change are Course-Taking Patterns and Intended College Major. In this year's report, the questionnaire responses of some students were not reported as their responses did not map to the current reporting tables. For complete details on the changes please visit www.collegeboard.com/cbs.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494

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 2000–2008, all scores are reported on the recentered scale.

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SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2008. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2008. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Total	5,468	519	107	523	106	507	103	50.5	10.5	7.4	1.5

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Male	2,548	521	109	543	108	498	103	49.8	10.4	7.1	1.7
Female	2,900	518	106	505	101	516	102	51.0	10.6	7.6	1.4
No Response**	20	516		477		483		48.6		6.9	

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

Scores are from the last administration in which seniors took the SAT Reasoning Test.

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Senior (2007-2008)	3,756	509	103	514	103	499	100	49.6	10.3	7.3	1.5
Junior (2006-2007)	1,702	541	114	542	110	525	105	52.3	10.8	7.5	1.6
Sophomore (2005-2006)	8	571		565		545		54.0		8.0	
Freshman (2004-2005)	2										
Total	5,468	519	107	523	106	507	103	50.5	10.5	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 Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Total Group	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 5,468 students in this report, 5,467 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

**'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT Reasoning Test 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 Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	600	600	580	580	590	570
50th	510	520	500	500	510	490
25th	440	450	440	420	430	420

Table 6: Score Distributions

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750-800	52	53	105	68	26	94	26	48	74
700-740	94	91	186	124	59	183	64	97	161
650-690	187	200	388	285	175	460	122	195	317
600-640	318	376	696	352	288	642	228	296	524
550-590	357	417	777	450	500	953	342	442	786
500-540	485	507	996	431	517	952	462	544	1,013
450-490	402	505	911	366	518	887	515	552	1,073
400-440	351	416	771	259	403	665	390	387	780
350-390	194	211	405	122	269	395	239	220	461
300-340	67	85	153	60	91	152	112	89	201
250-290	26	25	51	16	40	56	36	26	62
200-240	15	14	29	15	14	29	11	4	15

Table 7: Type of High School

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	4,462	86	46	54	521	523	507
Religiously Affiliated	159	3	54	45	527	527	517
Independent	586	11	48	50	511	527	508
Other or Unknown	261						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	5,263	96	521	107	525	105	508	103
Nonstandard Conditions	205	4	486	108	467	121	474	101

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

Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Reasoning Test 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	38	1	471	97	463	96	462	81
Asian, Asian American, or Pacific Islander	183	3	459	126	594	113	476	119
Black or African American	60	1	469	112	460	109	462	94
Mexican or Mexican American	20	0	507		507		500	
Puerto Rican	19	0	520		515		507	
Other Hispanic, Latino, or Latin American	42	1	520	106	497	110	501	106
White	4,690	86	524	104	525	103	511	101
Other	74	1	498	121	490	110	488	111
No Response	342	6	504	122	482	117	483	113
Total	5,468	100	519	107	523	106	507	103

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test 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	19	0	466		469		454	
Asian, Asian American, or Pacific Islander	107	2	461	126	615	105	473	120
Black or African American	32	1	463	115	473	109	454	93
Mexican or Mexican American	10	0	496		525		465	
Puerto Rican	7	0	493		544		496	
Other Hispanic, Latino, or Latin American	21	0	549		546		521	
White	2,153	39	527	105	545	105	502	101
Other	33	1	488	124	507	119	468	115
No Response	166	3	506	120	496	124	475	111
Total	2,548	47	521	109	543	108	498	103

Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test 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	461		448		464	
Asian, Asian American, or Pacific Islander	76	1	455	125	564	117	480	118
Black or African American	28	1	477	108	445	108	470	94
Mexican or Mexican American	10	0	518		488		534	
Puerto Rican	12	0	536		498		514	
Other Hispanic, Latino, or Latin American	21	0	490		447		480	
White	2,524	46	522	103	508	99	519	100
Other	41	1	506	119	476	100	504	106
No Response	170	3	503	126	471	109	492	116
Total	2,900	53	518	106	505	101	516	102

Demographic Information

SAT Reasoning Test: 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 Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	5,468	100	519	107	523	106	507	103
First Language Learned								
English	4,568	91	524	105	523	103	510	101
English and Another	262	5	502	101	502	94	495	100
Another Language	173	3	443	105	557	120	460	101
No Response	465							
Citizenship								
U.S. Citizen / U.S. National	4,778	97	522	105	522	103	509	101
U.S. Permanent Resident or Refugee	34	1	490	119	531	125	483	113
Citizen of Another Country	101	2	438	112	603	98	469	104
Other, Unknown, or No Response	555							
Disabling Condition								
Yes	360	7	488	106	484	114	468	99
Unknown or No Response	5,108							
Plans to Apply for Financial Aid								
Yes	3,631	80	518	105	520	104	505	100
No	245	5	544	107	555	105	540	105
Don't Know	635	14	525	107	535	104	512	105
Family Income								
\$0 - \$20,000	180	5	486	102	483	104	473	100
\$20,000–\$40,000	532	15	494	102	492	96	480	93
\$40,000–\$60,000	700	20	504	103	507	101	492	101
\$60,000–\$80,000	738	21	525	105	529	101	511	103
\$80,000–\$100,000	508	15	523	99	533	98	514	96
\$100,000–\$120,000	368	11	532	98	537	98	510	97
\$120,000–\$140,000	147	4	548	99	545	105	533	100
\$140,000–\$160,000	93	3	556	110	578	102	553	102
\$160,000–\$200,000	103	3	531	106	553	108	528	93
More than \$200,000	125	4	562	90	585	99	557	92
No Response	1,974							
Highest Level of Parental Education								
No High School Diploma	39	1	438	101	451	116	416	111
High School Diploma	1,393	30	477	92	483	93	465	87
Associate Degree	580	12	494	93	498	92	481	92
Bachelor's Degree	1,494	32	534	100	540	99	523	94
Graduate Degree	1,191	25	570	106	568	104	557	103
Took the PSAT/NMSQT®								
Yes, As a Junior	2,363	54	529	103	534	100	516	98
Yes, As a Sophomore or Younger	501	12	521	95	524	102	510	94
Yes, As a Junior and As a Sophomore or Younger	644	15	561	106	564	99	551	102
No	828	19	475	102	477	101	459	95

Academic Information

Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	802	30	38	62	604	606	596
Second Tenth	702	26	46	54	539	551	532
Second Fifth	521	19	51	48	512	524	500
Final Three Fifths	653	24	53	46	465	471	449
No Response	2,790						

Table 14: High School Grade Point Average

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	129	3	37	63	627	629	621
A (93–96)	824	17	36	63	594	605	587
A- (90–92)	953	20	41	58	560	561	549
B (80–89)	2,522	52	50	50	488	492	475
C (70–79)	445	9	61	38	447	447	429
D, E, or F (below 70)	7	0	29	71	429	414	424
No Response	588						
Mean Grade Point Average	All Students: 3.29		Male: 3.21		Female: 3.37		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.2	2.7	2.4	3.67	3.84	3.76
English and Language Arts	3.9	4.0	4.0	3.19	3.45	3.33
Foreign and Classical Languages	2.7	3.1	2.9	3.12	3.37	3.26
Mathematics	3.9	3.9	3.9	3.16	3.18	3.17
Natural Sciences	3.7	3.7	3.7	3.19	3.26	3.23
Social Sciences and History	3.6	3.7	3.7	3.30	3.41	3.36
Total for All Subjects	20.0	21.1	20.6			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	330	8	34	66	554	539	547
4 Years	3,470	81	47	53	523	528	510
3 Years	415	10	47	53	494	497	482
2 Years	37	1	46	54	491	519	473
1 Year	3	0	0	100			
1/2 Year or Less	5	0	80	20	366	498	366
No Response	1,208						
Course Work or Experience							
English/Language Arts	3,933	95	44	55	525	526	512
Journalism	480	12	40	60	526	518	516
Creative Writing	1,602	39	41	58	523	516	510
American Literature	2,698	65	44	56	529	530	517
Composition/Writing	1,925	46	44	56	531	531	520
British Literature	947	23	40	60	547	541	534
World Literature	1,321	32	44	56	532	529	517
Communications	440	11	44	56	506	510	492
Public Speaking	727	18	41	59	523	523	509
English As Second Language	122	3	51	49	434	529	443
AP®/Honors Courses	1,342	32	38	62	587	572	576

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	634	15	47	53	553	590	543
4 Years	2,683	63	46	54	527	530	515
3 Years	885	21	43	57	490	471	475
2 Years	56	1	55	43	452	459	434
1 Year	7	0	0	100	437	437	407
1/2 Year or Less	3	0	67	33			
No Response	1,200						
Highest Level of Mathematics Achieved*							
Calculus	1,258	29	52	48	582	615	570
Pre-calculus	1,070	25	44	56	532	541	521
Trigonometry	414	10	43	57	495	491	486
Algebra II	1,027	24	41	59	483	465	467
Algebra I	247	6	49	50	439	407	424
AP/Honors Courses	1,143	27	49	50	587	612	576

*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.

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	458	11	47	53	558	580	545
4 Years	2,248	53	46	53	534	539	521
3 Years	1,266	30	43	56	497	491	486
2 Years	184	4	50	50	481	485	462
1 Year	55	1	56	44	472	494	453
1/2 Year or Less	19	0	37	63	466	459	432
No Response	1,238						
Course Work or Experience							
Biology	4,077	97	45	55	525	527	512
Chemistry	3,680	88	44	55	531	536	519
Physics	2,454	58	50	50	542	556	529
Geology, Earth, or Space Science	3,099	74	45	55	522	523	508
Other Sciences	1,673	40	41	59	513	512	499
AP/Honors Courses	1,092	26	44	55	585	594	571

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	326	8	41	59	559	551	547
4 Years	2,401	57	46	54	533	533	521
3 Years	1,342	32	46	54	501	510	488
2 Years	128	3	55	45	475	517	466
1 Year	27	1	48	52	466	471	452
1/2 Year or Less	10	0	50	50	408	447	403
No Response	1,234						
Course Work or Experience							
U.S. History	3,970	95	45	55	524	527	511
World History or Cultures	3,262	78	44	55	528	531	515
U.S. Government or Civics	2,073	49	45	55	524	527	512
Economics	845	20	51	49	519	537	509
Geography	835	20	45	55	498	502	491
Psychology	1,354	32	35	64	530	526	517
European History	1,368	33	44	56	544	538	531
Sociology	619	15	33	67	516	512	504
Ancient History	1,039	25	43	57	548	543	535
Other Courses	1,312	31	44	56	523	525	509
AP/Honors Courses	1,187	28	43	56	594	580	579

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	323	8	31	69	581	579	576	
4 Years	1,173	28	40	60	568	567	558	
3 Years	1,192	28	45	55	525	526	514	
2 Years	1,105	26	52	47	490	497	472	
1 Year	244	6	50	49	458	465	438	
1/2 Year or Less	212	5	63	36	417	438	405	
No Response	1,219							
Course Work or Experience								
Chinese	65	2	46	54	542	577	533	
French	1,634	39	39	61	538	536	527	
German	237	6	50	49	528	521	506	
Greek	30	1	40	60	581	559	554	
Hebrew	11	0	36	64	602	564	590	
Italian	27	1	22	78	566	510	553	
Japanese	55	1	65	35	531	569	524	
Korean	13	0	46	54	492	609	495	
Latin	622	15	47	53	557	551	541	
Russian	13	0	54	46	529	503	514	
Spanish	2,130	51	45	55	521	524	510	
Other Languages	60	1	43	57	538	528	518	
AP/Honors Courses	520	12	34	66	605	594	596	

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	295	7	39	61	550	543	537
4 Years	942	22	34	66	541	534	532
3 Years	675	16	37	62	516	510	506
2 Years	957	23	48	52	515	526	502
1 Year	1,015	24	58	42	513	527	497
1/2 Year or Less	339	8	58	42	504	512	493
No Response	1,245						
Course Work or Experience							
Acting or Play Production	864	22	37	63	557	538	544
Art History or Appreciation	681	18	39	61	520	514	506
Dance	452	12	8	92	522	510	519
Drama: Study or Appreciation	516	13	37	63	541	529	529
Music: Study or Appreciation	541	14	51	49	557	539	542
Music Performance	1,662	43	41	59	550	543	536
Photography or Film	1,098	28	39	61	523	521	513
Studio Art and Design	1,384	36	38	62	527	524	516
None	493	13	59	40	491	509	477
AP/Honors Courses	185	4	34	66	592	578	578

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Course Work or Experience							
Computer Literacy	2,537	66	46	54	529	530	515
Computer Programming	599	16	59	41	517	529	499
Word Processing	2,930	76	45	55	526	527	513
Internet Activity	2,028	52	46	54	528	531	515
Using Computer Graphics	1,357	35	52	47	524	533	509
Creating Spreadsheets/Databases	1,445	37	47	53	526	532	513
None	338	9	37	63	521	521	510

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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
899	2,137	858	618	631	611

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	112	12
2	416	46
3	306	34
4 or More	65	7

Table 21: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

Most, but not all, students who take SAT Subject Tests also take the SAT Reasoning Test. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT Reasoning Test scores for those students who also took the SAT Reasoning Test.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading		Mathematics		Writing	
					Mean	SD	Mean	SD	Mean	SD
English										
Literature	348	634	93	334	654	84	617	83	641	84
History and Social Studies										
U.S. History	315	617	98	303	647	91	620	87	638	87
World History	33	593	105	31	638	99	621	63	629	85
Mathematics										
Mathematics Level 1	352	618	85	330	614	96	630	74	608	93
Mathematics Level 2	359	653	84	344	612	111	677	67	612	101
Science										
Biology-E	116	615	78	112	623	88	616	81	612	88
Biology-M	101	658	93	96	646	87	649	78	631	80
Chemistry	204	608	89	198	624	98	660	74	611	85
Physics	90	639	96	84	603	114	698	57	597	98
Foreign and Classical Languages										
Chinese/Listening	18	772		17	406		648		413	
French	84	606	105	79	636	96	619	78	640	89
French/Listening	17	600		16	668		633		661	
German	2			2						
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening	2			2						
Korean/Listening	4			4						
Latin	12	558		12	661		619		635	
Spanish	61	572	111	61	634	90	625	99	633	84
Spanish/Listening	19	602		18	629		601		619	

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	34	10	29	9	3	9
700-740	56	16	44	14	1	3
650-690	84	24	70	22	7	21
600-640	65	19	51	16	6	18
550-590	54	16	44	14	4	12
500-540	22	6	39	12	7	21
450-490	18	5	21	7	3	9
400-440	10	3	12	4		
350-390	4	1	5	2	2	6
300-340	1	0				
250-290						
200-240						
Total	348		315		33	
Mean	634		617		593	
SD	93		98		105	
75th percentile	700		690		650	
50th percentile	640		630		590	
25th percentile	580		550		510	

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	9	3	63	18	5	4	22	22	15	7	13	14
700-740	65	18	63	18	12	10	21	21	24	12	12	13
650-690	60	17	60	17	28	24	14	14	25	12	23	26
600-640	95	27	81	23	24	21	19	19	47	23	15	17
550-590	56	16	64	18	25	22	13	13	45	22	10	11
500-540	35	10	18	5	12	10	5	5	22	11	7	8
450-490	19	5	9	3	8	7	6	6	22	11	8	9
400-440	8	2	1	0	2	2	1	1	4	2	2	2
350-390	5	1										
300-340												
250-290												
200-240												
Total	352		359		116		101		204		90	
Mean	618		653		615		658		608		639	
SD	85		84		78		93		89		96	
75th percentile	690		720		680		730		670		700	
50th percentile	620		650		620		660		610		650	
25th percentile	570		590		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	16	89	9	11	1	6						
700-740	1	6	9	11	2	12						
650-690			13	15	2	12						
600-640			11	13	3	18	1	50				
550-590			16	19	5	29	1	50				
500-540			17	20	2	12						
450-490	1	6	4	5	1	6						
400-440			4	5	1	6						
350-390			1	1								
300-340												
250-290												
200-240												
Total	18		84		17		2					
Mean	772		606		600							
SD			105									
75th percentile			680									
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					4	100			2	3	4	21
700-740							1	8	6	10		
650-690			1	50			2	17	10	16	1	5
600-640			1	50			3	25	12	20	4	21
550-590									10	16	4	21
500-540							1	8	6	10	3	16
450-490							3	25	3	5	1	5
400-440							2	17	8	13	1	5
350-390									3	5	1	5
300-340									1	2		
250-290												
200-240												
Total			2		4		12		61		19	
Mean							558		572		602	
SD									111			
75th percentile									650			
50th percentile									580			
25th percentile									470			

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	59	2	472	480	466
Architecture and Related Services	91	2	514	564	509
Area, Ethnic, Cultural and Gender Studies	5	0	644	622	612
Biological and Biomedical Sciences	178	5	570	570	559
Business Management, Marketing, and Related Support Services	437	12	483	512	476
Communication, Journalism and Related Programs	122	3	541	517	535
Computer and Information Sciences and Support Services	108	3	550	566	506
Construction Trades	12	0	440	460	428
Education	264	7	496	482	490
Engineering	258	7	553	611	524
Engineering Technologies/Technicians	41	1	491	556	459
English Language and Literature/Letters	77	2	613	533	584
Family and Consumer Sciences/Human Sciences	9	0	466	441	461
Foreign Languages, Literatures, and Linguistics	34	1	605	553	593
Health Professions and Related Clinical Services	538	15	494	505	492
History	70	2	586	529	556
Legal Professions and Studies	53	1	515	520	516
Liberal Arts and Sciences, General Studies, and Humanities	84	2	568	537	560
Library Science/Librarianship	4	0			
Mathematics and Statistics	39	1	573	643	554
Mechanic and Repair Technologies/Technician	38	1	426	458	422
Military Sciences	5	0	530	562	500
Multi/Interdisciplinary Studies	12	0	613	589	624
Natural Resources and Conservation	54	1	531	532	496
Parks, Recreation, Leisure and Fitness Studies	38	1	473	484	468
Personal and Culinary Services	12	0	444	412	422
Philosophy and Religious Studies	10	0	635	538	586
Physical Sciences	53	1	574	601	554
Precision Production					
Psychology	181	5	520	497	509
Public Administration and Social Services Professions	20	1	505	477	484
Security and Protective Services	63	2	469	483	450
Social Sciences	106	3	589	562	576
Theology and Religious Vocations	7	0	609	530	584
Transportation and Materials Moving	3	0			
Visual and Performing Arts	342	9	540	520	532
Other	53	1	482	488	474
Undecided	187	5	537	541	519
Degree-Level Goal					
Certificate Program	55	1	433	443	407
Associate Degree	136	3	434	438	423
Bachelor's Degree	1,509	34	501	505	488
Master's Degree	1,061	24	539	546	525
Doctoral or Related Degree	504	11	576	577	565
Other	24	1	433	437	443
Undecided	1,212	27	523	523	511

College Plans

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

Of the 5,509 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 3,877 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 1,137 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF VERMONT	VT	Public	1,835	47.3
CASTLETON STATE COLLEGE	VT	Public	605	15.6
CHAMPLAIN COLLEGE	VT	Private	448	11.6
UNIVERSITY OF NEW HAMPSHIRE DURHAM	NH	Public	432	11.1
SAINT MICHAELS COLLEGE VT	VT	Private	374	9.6
JOHNSON STATE COLLEGE	VT	Public	345	8.9
NORTHEASTERN UNIVERSITY	MA	Private	325	8.4
VERMONT TECHNICAL COLLEGE	VT	Public	324	8.4
LYNDON STATE COLLEGE	VT	Public	271	7.0
BOSTON UNIVERSITY	MA	Private	270	7.0
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	235	6.1
MIDDLEBURY COLLEGE	VT	Private	231	6.0
DARTMOUTH COLLEGE	NH	Private	215	5.5
KEENE STATE COLLEGE	NH	Public	206	5.3
NORWICH UNIVERSITY	VT	Private	195	5.0
BOSTON COLLEGE	MA	Private	189	4.9
ITHACA COLLEGE	NY	Private	178	4.6
UNIVERSITY OF CONNECTICUT	CT	Public	166	4.3
UNIVERSITY OF RHODE ISLAND	RI	Public	162	4.2
SAINT LAWRENCE UNIVERSITY	NY	Private	153	3.9
PLYMOUTH STATE UNIVERSITY	NH	Public	150	3.9
TUFTS UNIVERSITY	MA	Private	150	3.9
CORNELL UNIVERSITY	NY	Private	149	3.8
QUINNIPIAC UNIVERSITY	CT	Private	148	3.8
COLBY-SAWYER COLLEGE	NH	Private	142	3.7
SYRACUSE UNIVERSITY	NY	Private	142	3.7
CLARKSON UNIVERSITY	NY	Private	139	3.6
RENSSELAER POLYTECHNIC INSTITUTE	NY	Private	138	3.6
SKIDMORE COLLEGE	NY	Private	132	3.4
UNIVERSITY OF MAINE ORONO	ME	Public	131	3.4
UNIVERSITY OF NEW ENGLAND	ME	Private	130	3.4
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	Private	130	3.4
UNIVERSITY OF COLORADO BOULDER	CO	Public	129	3.3
NEW YORK UNIVERSITY	NY	Private	127	3.3
ROGER WILLIAMS UNIVERSITY	RI	Private	122	3.1
ENDICOTT COLLEGE	MA	Private	120	3.1
BROWN UNIVERSITY	RI	Private	119	3.1
UNIVERSITY OF SOUTHERN MAINE	ME	Public	116	3.0
PLATTSBURGH STATE UNIVERSITY	NY	Public	99	2.6
SOUTHERN NEW HAMPSHIRE UNIVERSITY	NH	Private	98	2.5
COLBY COLLEGE	ME	Private	98	2.5
NCAA ELIGIBILITY CENTER	IA	Public	98	2.5
MCGILL UNIVERSITY		Private	95	2.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	95	2.5
BOWDOIN COLLEGE	ME	Private	87	2.2

*Of your students who designated that their SAT Reasoning Test 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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