

State Profile Report

VERMONT

Included in this Report

SAT Reasoning Test™ Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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 2006* includes students who tested through April 2006.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2006 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, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

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 5,000 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.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2006

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

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 2000–2006, 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 2006. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through April 2006. 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*	
	Number	Mean	SD	Mean	SD	Mean	SD
Total	5,505	513	108	519	105	502	102

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	2,617	515	107	536	108	495	102
Female	2,888	512	109	503	100	508	102

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	
	Number	Mean	SD	Mean	SD	Mean	SD
Senior	3,686	502	103	510	102	493	98
Junior	1,772	535	113	536	109	523	109
Sophomore	42	566	114	554	110		
Freshman	5	500		554			
Total	5,505	513	108	519	105	502	102

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	
	Number	Mean	SD	Mean	SD	Mean	SD
Total Group	1,465,744	503	113	518	115	497	109

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 5,505 students in this report, 5,279 students have scores on the SAT writing section.

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	580	590	570	580	600	570
50th	510	520	500	500	520	490
25th	440	440	430	430	440	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	59	59	118	61	22	83	20	35	55
700–749	89	79	168	126	47	173	54	64	118
650–699	162	200	362	241	167	408	129	177	306
600–649	285	336	621	353	282	635	225	268	493
550–599	376	408	784	439	430	869	343	426	769
500–549	480	507	987	446	569	1,015	443	522	965
450–499	450	524	974	415	530	945	486	514	1,000
400–449	382	363	745	307	420	727	400	394	794
350–399	219	249	468	145	266	411	269	225	494
300–349	82	115	197	50	93	143	101	93	194
250–299	24	31	55	15	49	64	40	28	68
200–249	9	17	26	19	13	32	11	12	23

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	4,127	80	47	53	512	518	500
Religiously Affiliated	180	4	52	48	530	536	522
Independent	822	16	51	49	525	530	513
Other or Unknown	376						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	5,285	96	515	107	521	104	504	101
Nonstandard Conditions	220	4	474	112	461	120	455	112

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	40	1	482	108	469	106	454	87
Asian, Asian American, or Pacific Islander	165	3	473	131	569	117	476	120
Black or African American	56	1	483	113	474	114	480	98
Mexican or Mexican American	20	0	518		511		495	
Puerto Rican	18	0	477		456		455	
Other Hispanic, Latino, or Latin American	39	1	518	83	496	90	505	100
White	4,413	80	517	105	521	103	506	100
Other	91	2	524	121	522	106	510	95
No Response*	663	12	501	115	498	111	483	110
Total	5,505	100	513	108	519	105	502	102

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	21	0	505		482		455	
Asian, Asian American, or Pacific Islander	82	1	480	117	603	108	469	105
Black or African American	29	1	462	108	483	114	453	85
Mexican or Mexican American	9	0	494		523		452	
Puerto Rican	5	0	466		512		450	
Other Hispanic, Latino, or Latin American	15	0	519		533		482	
White	2,062	37	519	105	540	105	500	101
Other	48	1	537	102	537	100	509	89
No Response*	346	6	497	113	505	115	473	108
Total	2,617	48	515	107	536	108	495	102

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	19	0	457		454		454	
Asian, Asian American, or Pacific Islander	83	2	466	144	534	115	483	133
Black or African American	27	0	506	115	465	113	510	102
Mexican or Mexican American	11	0	536		500		534	
Puerto Rican	13	0	482		434		457	
Other Hispanic, Latino, or Latin American	24	0	518		473		520	
White	2,351	43	516	105	504	98	511	99
Other	43	1	509	138	505	110	511	100
No Response*	317	6	506	117	491	107	494	111
Total	2,888	52	512	109	503	100	508	102

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.

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	5,505	100	513	108	519	105	502	102
First Language Learned								
English	4,619	92	519	105	521	103	507	100
English and Another	252	5	499	118	518	103	490	108
Another Language	147	3	448	124	537	137	463	120
No Response*	487							
Citizenship								
U.S. Citizen / U.S. National	4,660	97	519	105	521	103	507	100
U.S. Permanent Resident or Refugee	58	1	464	138	502	133	467	134
Citizen of Another Country	66	1	441	113	599	116	466	101
Other, Unknown, or No Response*	721							
Disabling Condition								
Yes	371	7	484	108	471	113	460	100
Unknown or No Response*	5,134							
Plans to Apply for Financial Aid								
Yes	3,841	81	513	106	517	103	501	100
No	216	5	532	103	548	104	524	100
Don't Know	665	14	522	111	532	110	513	102
Family Income								
Less than \$10,000	56	2	457	99	459	117	449	107
\$10,000–\$20,000	149	4	476	118	477	98	465	110
\$20,000–\$30,000	266	8	505	112	495	102	490	104
\$30,000–\$40,000	383	11	498	105	500	104	486	104
\$40,000–\$50,000	393	11	501	107	505	103	491	98
\$50,000–\$60,000	413	12	513	105	515	102	497	96
\$60,000–\$70,000	380	11	497	101	514	102	490	99
\$70,000–\$80,000	404	11	515	106	519	93	501	97
\$80,000–\$100,000	503	14	531	99	537	97	518	91
More than \$100,000	573	16	550	104	560	105	536	101
No Response*	1,985							
Highest Level of Parental Education								
No High School Diploma	53	1	400	101	448	91	404	88
High School Diploma	1,439	30	471	94	479	97	462	91
Associate Degree	544	11	484	95	498	91	478	90
Bachelor's Degree	1,606	33	530	99	535	98	517	94
Graduate Degree	1,222	25	568	107	565	104	554	100
Took the PSAT/NMSQT®								
Yes, As a Junior	2,260	51	518	103	523	102	507	97
Yes, As a Sophomore or Younger	594	13	522	104	527	103	505	94
Yes, As a Junior and As a Sophomore or Younger	728	16	555	103	557	94	548	94
No	890	20	476	107	480	104	461	102

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.

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
Top Tenth	819	28	40	60	606	606	595
Second Tenth	731	25	47	53	537	556	528
Second Fifth	601	21	49	51	500	517	492
Final Three Fifths	724	25	54	46	462	462	449
No Response*	2,630						

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)	163	3	37	63	648	645	638
A (93–96)	755	15	35	65	595	598	585
A- (90–92)	971	20	41	59	546	555	537
B (80–89)	2,468	51	49	51	487	495	478
C (70–79)	514	11	65	35	442	445	425
D, E, or F (below 70)	9	0	67	33	481	418	444
No Response*	625						
Mean Grade Point Average	All Students: 3.27		Male: 3.17		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	2.0	2.6	2.3	3.65	3.85	3.76
English	3.9	3.9	3.9	3.17	3.44	3.31
Foreign and Classical Languages	2.7	3.0	2.8	3.10	3.32	3.22
Mathematics	3.8	3.8	3.8	3.11	3.14	3.13
Natural Sciences	3.5	3.5	3.5	3.14	3.25	3.20
Social Sciences and History	3.6	3.6	3.6	3.27	3.38	3.33
Total for All Subjects	19.5	20.4	19.9			

Table 16: Total Years of Study in Combined Six Academic Subjects

Total years of study is calculated by combining the number of years that students studied each of the following subjects during high school: Arts and Music, English, Foreign and Classical Languages, Mathematics, Natural Sciences, and Social Sciences and History. 'Incomplete Response' denotes the number of test-takers who did not respond to all six subjects.

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
20 or More Years	2,491	60	41	59	545	547	535
19 or 19.5 Years	423	10	53	47	498	506	486
18 or 18.5 Years	363	9	49	51	482	488	474
17 or 17.5 Years	270	6	55	45	474	483	458
16 or 16.5 Years	223	5	55	45	468	474	453
15 or 15.5 Years	151	4	54	46	452	467	436
Less than 15 Years	251	6	55	45	452	462	445
Incomplete Response	1,333						

*'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.

Academic Information

Course-Taking Patterns

Table 17: English, Mathematics

English	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	311	7	38	62	527	527	518
4 Years	3,397	77	46	54	520	524	508
3 Years	597	14	48	52	488	494	476
2 Years	85	2	60	40	506	538	502
1 Year	6	0	50	50	510	580	528
1/2 Year or Less	11	0	27	73	494	514	478
No Response*	1,098						
Course Work or Experience							
American Literature	3,536	87	46	54	525	527	514
Grammar	2,700	66	44	56	521	523	510
Composition	2,656	65	45	55	536	533	522
Literature, Historical Periods	1,877	46	43	57	546	540	532
British Literature	1,321	32	41	59	549	540	536
Speaking and Listening	1,426	35	43	57	522	525	512
Literature, Other Country	844	21	43	57	548	537	535
English As Second Language	106	3	41	59	426	511	440
AP®/Honors Courses	1,296	29	39	61	581	573	569
Mathematics							
Mathematics	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	588	13	50	50	547	585	535
4 Years	2,609	59	46	54	521	526	510
3 Years	1,068	24	45	55	489	476	477
2 Years	122	3	52	48	486	475	476
1 Year	10	0	60	40	473	493	475
1/2 Year or Less	10	0	30	70	467	468	451
No Response*	1,098						
Course Work or Experience							
Algebra	4,034	92	46	54	519	524	507
Geometry	3,811	87	47	53	522	530	511
Trigonometry	1,751	40	50	50	541	555	528
Precalculus	2,098	48	49	51	557	576	545
Calculus	1,151	26	52	48	577	605	563
Other Math Courses	1,462	33	43	57	490	490	480
Computer Math	378	9	61	39	506	528	492
AP/Honors Courses	1,031	23	49	51	583	607	572

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.

Academic Information

Course-Taking Patterns

Table 18: 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	Writing
More Than 4 Years	333	8	46	54	558	582	540	
4 Years	2,189	50	46	54	533	536	522	
3 Years	1,498	34	45	55	492	493	482	
2 Years	259	6	52	48	485	491	471	
1 Year	74	2	54	46	465	477	450	
1/2 Year or Less	36	1	44	56	446	461	435	
No Response*	1,116							
Course Work or Experience								
Biology	4,263	97	46	54	517	522	506	
Chemistry	3,750	85	46	54	524	531	514	
Physics	2,462	56	51	49	538	550	525	
Geology, Earth, or Space Science	2,793	64	46	54	517	520	505	
Other Sciences	1,806	41	43	57	506	509	496	
AP/Honors Courses	1,013	23	44	56	587	592	572	
Social Sciences and History								
Social Sciences and History	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	309	7	46	54	540	541	529	
4 Years	2,357	54	46	54	529	529	518	
3 Years	1,495	34	45	55	497	506	485	
2 Years	188	4	57	43	475	499	473	
1 Year	38	1	53	47	469	501	451	
1/2 Year or Less	16	0	25	75	447	455	441	
No Response*	1,102							
Course Work or Experience								
U.S. History	4,253	96	46	54	517	521	506	
World History or Cultures	3,397	77	46	54	521	524	509	
U.S. Government or Civics	1,912	43	47	53	516	517	502	
Economics	846	19	51	49	505	516	496	
Geography	1,051	24	48	52	498	506	489	
Psychology	1,427	32	37	63	520	519	509	
European History	1,353	31	50	50	539	539	524	
Sociology	624	14	38	63	520	516	507	
Ancient History	843	19	51	49	535	537	521	
Anthropology	212	5	41	59	538	516	522	
Other Courses	1,454	33	43	57	513	516	501	
AP/Honors Courses	1,128	26	42	58	585	577	572	

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.

Academic Information

Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	337	8	36	64	593	592	586
4 Years	1,158	26	40	60	559	563	551
3 Years	1,166	27	45	55	522	527	512
2 Years	1,171	27	51	49	483	488	471
1 Year	293	7	52	48	451	460	430
1/2 Year or Less	263	6	60	40	422	432	404
No Response*	1,117						
Course Work or Experience							
Chinese	90	2	51	49	514	548	506
French	1,845	42	42	58	527	529	519
German	268	6	47	53	531	532	518
Greek	35	1	60	40	572	581	547
Hebrew	26	1	38	62	588	575	587
Italian	27	1	44	56	552	533	536
Japanese	78	2	64	36	546	547	507
Korean	25	1	56	44	515	594	497
Latin	693	16	45	55	554	546	537
Russian	34	1	53	47	566	548	532
Spanish	2,389	54	44	56	517	520	505
Other Languages	75	2	36	64	481	499	474
AP/Honors Courses	578	13	37	63	600	593	589

*'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.

Academic Information

Course-Taking Patterns

Table 20: Arts and Music, Computers

Arts and Music	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	262	6	31	69	543	538	531	
4 Years	893	20	36	64	543	530	531	
3 Years	698	16	36	64	519	517	506	
2 Years	931	21	46	54	514	520	503	
1 Year	1,136	26	56	44	505	518	493	
1/2 Year or Less	439	10	62	38	479	505	475	
No Response*	1,146							
Course Work or Experience								
Acting or Play Production	984	25	35	65	555	538	542	
Art History or Appreciation	839	22	40	60	520	513	506	
Dance	533	14	9	91	515	503	513	
Drama: Study or Appreciation	576	15	33	67	536	524	525	
Music: Study or Appreciation	568	15	47	53	555	547	542	
Music Performance	1,593	41	38	62	544	538	532	
Photography or Film	1,138	29	38	62	528	526	521	
Studio Art and Design	1,509	39	39	61	524	524	516	
None	441	11	62	38	469	493	460	
AP/Honors Courses	269	6	33	67	566	554	555	
Computers								
Course Work or Experience	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	2,620	64	46	54	521	526	510	
Computer Programming	615	15	58	42	525	540	509	
Word Processing	3,043	74	44	56	521	524	509	
Internet Activity	2,259	55	45	55	525	528	514	
Using Computer Graphics	1,428	35	54	46	520	529	505	
Creating Spreadsheets/Databases	1,656	40	47	53	525	533	513	
None	469	11	41	59	522	522	511	

*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.

SAT Subject Tests™ Data

Table 21: 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
936	2,297	906	623	625	612

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	126	13
2	372	40
3	353	38
4 or More	85	9

Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

Most, but not all, students who take the SAT Subject Tests also take the SAT Reasoning Test. This table provides a side-by-side presentation of the two scores for those students who took both tests.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Writing*	80	635	97	76	638	88	644	75	654	72
Literature	430	628	93	417	643	88	610	84	627	81
History and Social Studies										
U.S. History	315	609	100	305	634	90	611	91	619	84
World History	38	627	96	37	658	83	626	74	614	85
Mathematics										
Mathematics Level 1	451	606	86	438	613	88	624	79	609	83
Mathematics Level 2	288	661	88	284	639	99	685	68	628	88
Science										
Biology-E	67	622	102	64	642	86	633	73	626	88
Biology-M	103	655	86	100	644	88	641	83	628	83
Chemistry	201	591	92	196	619	96	648	85	610	92
Physics	86	626	87	85	616	105	680	84	606	85
Foreign and Classical Languages										
Chinese/Listening	5	754		5	488		706		485	
French	75	608	103	72	654	81	615	86	635	81
French/Listening	29	599	92	28	663	61	606	67	641	41
German	0			0						
German/Listening	14	609		14	646		649		628	
Modern Hebrew	1			1						
Italian	1			1						
Japanese/Listening	5	556		5	656		644		638	
Korean/Listening	1			1						
Latin	16	511		16	676		648		629	
Spanish	60	602	118	60	657	91	624	98	650	81
Spanish/Listening	31	606	116	30	640	95	610	81	652	84

*After the January 2005 administration, the SAT Subject Test in Writing was no longer administered because the SAT Reasoning Test now includes the writing section; 2006 is the last year for which scores for the SAT Subject Test in Writing are reported.

NOTE: The ELPT (English Language Proficiency Test) was last administered in January 2005. Please consult the 2005 College-Bound Seniors Reports for data on ELPT.

SAT Subject Tests Score Distributions

Table 23: English, History and Social Studies

SAT Subject Tests	English				History and Social Studies			
	Writing		Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct	N	Pct
750–800	12	15	39	9	26	8	5	13
700–749	10	13	71	17	45	14	5	13
650–699	14	18	88	20	53	17	6	16
600–649	20	25	89	21	58	18	7	18
550–599	9	11	58	13	50	16	8	21
500–549	9	11	47	11	41	13	3	8
450–499	2	3	20	5	25	8	3	8
400–449	3	4	12	3	9	3	1	3
350–399	1	1	6	1	5	2		
300–349					3	1		
250–299								
200–249								
Total	80		430		315		38	
Mean	635		628		609		627	
SD	97		93		100		96	
75th percentile	700		700		680		690	
50th percentile	630		640		620		620	
25th percentile	570		570		540		560	

Table 24: 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	2	61	21	8	12	19	18	14	7	6	7
700–749	61	14	43	15	7	10	12	12	15	7	13	15
650–699	89	20	52	18	17	25	25	24	26	13	19	22
600–649	110	24	62	22	11	16	25	24	39	19	13	15
550–599	67	15	42	15	7	10	13	13	39	19	18	21
500–549	71	16	22	8	8	12	3	3	39	19	12	14
450–499	26	6	5	2	4	6	4	4	20	10	5	6
400–449	10	2	1	0	3	4	2	2	7	3		
350–399	7	2			2	3			2	1		
300–349	1	0										
250–299												
200–249												
Total	451		288		67		103		201		86	
Mean	606		661		622		655		591		626	
SD	86		88		102		86		92		87	
75th percentile	670		740		690		710		650		690	
50th percentile	610		650		640		650		590		620	
25th percentile	540		600		540		600		520		560	

SAT Subject Tests Score Distributions

Table 25: 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	3	60	8	11	2	7			3	21		
700–749	1	20	9	12	2	7			2	14		
650–699	1	20	8	11	6	21			1	7		
600–649			16	21	6	21			2	14	1	100
550–599			9	12	4	14			2	14		
500–549			14	19	5	17			2	14		
450–499			7	9	3	10						
400–449			3	4								
350–399			1	1	1	3			1	7		
300–349									1	7		
250–299												
200–249												
Total	5		75		29		0		14		1	
Mean	754		608		599				609			
SD			103		92							
75th percentile			670		660							
50th percentile			610		600							
25th percentile			530		500							

Table 26: 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	100			7	12	5	16
700–749	1	100	1	20					7	12	4	13
650–699									10	17	2	6
600–649							4	25	8	13	5	16
550–599							2	13	11	18	3	10
500–549			4	80			3	19	4	7	7	23
450–499							2	13	6	10	3	10
400–449							4	25	4	7	1	3
350–399							1	6	2	3		
300–349									1	2	1	3
250–299												
200–249												
Total	1		5		1		16		60		31	
Mean			556				511		602		606	
SD									118		116	
75th percentile									690		710	
50th percentile									620		590	
25th percentile									520		520	

College Plans

Table 27: Intended College Major, Degree-Level Goal, Plans for Advanced Standing

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture or Natural Resources	89	3	470	464	474
Architecture or Environmental Design	139	4	501	536	498
Arts: Visual and Performing	351	10	527	505	520
Biological Sciences	207	6	560	560	542
Business and Commerce	490	14	475	503	471
Communications	140	4	526	517	527
Computer or Information Sciences	139	4	529	563	503
Education	313	9	474	480	473
Engineering and Engineering Technologies	252	7	536	592	514
Foreign or Classical Languages	49	1	599	561	594
General or Interdisciplinary Studies	18	1	613	573	574
Health and Allied Services	432	12	486	493	483
Home Economics	12	0	431	437	446
Language and Literature	107	3	607	538	592
Library and Archival Sciences					
Mathematics	23	1	550	628	534
Military Sciences	11	0	509	528	499
Philosophy, Religion, or Theology	20	1	573	543	544
Physical Sciences	60	2	586	610	554
Public Affairs and Services	92	3	471	472	458
Social Sciences and History	343	10	569	538	545
Technical and Vocational	91	3	441	456	423
Undecided	129	4	529	531	511
Degree-Level Goal					
Certificate Program	45	1	452	461	444
Associate Degree	129	3	414	420	400
Bachelor's Degree	1,558	33	489	498	479
Master's Degree	1,054	23	533	536	523
Doctoral or Related Degree	480	10	583	584	566
Other	16	0	443	453	448
Undecided	1,402	30	524	528	513
Plans for Advanced Standing in College Courses					
Art	156	4	500	499	497
Biology	467	12	590	590	575
Chemistry	187	5	582	615	569
Computer Science	74	2	553	602	534
English	824	21	593	575	578
Foreign Languages	424	11	602	596	589
Humanities	71	2	597	581	571
Mathematics	712	18	586	625	572
Music	89	2	536	541	509
Physics	217	6	589	636	569
Social Studies	695	18	592	582	576
None of These	2,046	53	480	485	471

College Plans

Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 5,535 students from your state who participated in the SAT Program, 3,673 designated that their SAT 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 1,149 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF VERMONT	VT	Public	1,739	47.3
CASTLETON STATE COLLEGE	VT	Public	464	12.6
CHAMPLAIN COLLEGE	VT	Private	374	10.2
SAINT MICHAELS COLLEGE VT	VT	Private	312	8.5
UNIVERSITY OF NEW HAMPSHIRE DURHAM	NH	Public	297	8.1
JOHNSON STATE COLLEGE	VT	Public	296	8.1
VERMONT TECHNICAL COLLEGE	VT	Public	291	7.9
NORTHEASTERN UNIVERSITY	MA	Private	288	7.8
BOSTON UNIVERSITY	MA	Private	254	6.9
LYNDON STATE COLLEGE	VT	Public	231	6.3
MIDDLEBURY COLLEGE	VT	Private	223	6.1
DARTMOUTH COLLEGE	NH	Private	190	5.2
BOSTON COLLEGE	MA	Private	186	5.1
CORNELL UNIVERSITY	NY	Private	172	4.7
ITHACA COLLEGE	NY	Private	166	4.5
SYRACUSE UNIVERSITY	NY	Private	155	4.2
PLYMOUTH STATE UNIVERSITY	NH	Public	155	4.2
KEENE STATE COLLEGE	NH	Public	154	4.2
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	150	4.1
MCGILL UNIVERSITY		Private	137	3.7
TUFTS UNIVERSITY	MA	Private	135	3.7
SKIDMORE COLLEGE	NY	Private	133	3.6
BROWN UNIVERSITY	RI	Private	133	3.6
NORWICH UNIVERSITY	VT	Private	127	3.5
UNIVERSITY OF MAINE ORONO	ME	Public	117	3.2
NEW YORK UNIVERSITY	NY	Private	117	3.2
CLARKSON UNIVERSITY	NY	Private	116	3.2
UNIVERSITY OF CONNECTICUT	CT	Public	111	3.0
UNIVERSITY OF RHODE ISLAND	RI	Public	110	3.0
RENSSELAER POLYTECHNIC INSTITUTE	NY	Private	108	2.9
COLBY-SAWYER COLLEGE	NH	Private	106	2.9
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	Private	103	2.8
UNIVERSITY OF COLORADO BOULDER	CO	Public	94	2.6
ROGER WILLIAMS UNIVERSITY	RI	Private	92	2.5
COLBY COLLEGE	ME	Private	92	2.5
SAINT LAWRENCE UNIVERSITY	NY	Private	91	2.5
QUINNIPIAC UNIVERSITY	CT	Private	90	2.5
COMMUNITY COLLEGE OF VERMONT	VT	Public	85	2.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	83	2.3
WILLIAMS COLLEGE	MA	Private	81	2.2
UNIVERSITY OF SOUTHERN MAINE	ME	Public	79	2.2
ENDICOTT COLLEGE	MA	Private	79	2.2
EMERSON COLLEGE	MA	Scholarship	74	2.0
BENTLEY COLLEGE	MA	Private	73	2.0
UNIVERSITY OF NEW ENGLAND	ME	Private	72	2.0

*Of your students who designated that their SAT Program 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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