

State Profile Report

OHIO

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	34,970	535	103	544	106	521	102

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	16,706	538	103	564	106	516	102
Female	18,264	532	102	526	102	526	101

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	18,668	527	102	537	106	514	101
Junior	15,894	544	103	552	105	531	101
Sophomore	343	540	102	547	104		
Freshman	65	551	128	552	120		
Total	34,970	535	103	544	106	521	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 34,970 students in this report, 33,237 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	600	620	590	580	600	570
50th	530	540	520	500	520	490
25th	470	470	450	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	411	396	807	571	200	771	232	255	487
700–749	637	643	1,280	1,281	647	1,928	476	576	1,052
650–699	1,425	1,404	2,829	2,093	1,395	3,488	1,026	1,325	2,351
600–649	2,470	2,569	5,039	2,754	2,390	5,144	1,780	2,207	3,987
550–599	2,861	3,053	5,914	2,831	3,087	5,918	2,526	3,011	5,537
500–549	3,275	3,627	6,902	2,784	3,512	6,296	3,059	3,320	6,379
450–499	2,608	2,922	5,530	2,030	3,046	5,076	2,816	2,907	5,723
400–449	1,722	2,028	3,750	1,382	2,216	3,598	2,101	2,107	4,208
350–399	772	1,071	1,843	616	1,117	1,733	1,162	1,123	2,285
300–349	337	360	697	238	412	650	458	399	857
250–299	140	133	273	84	174	258	144	124	268
200–249	48	58	106	42	68	110	57	46	103

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	24,935	74	46	54	530	542	514
Religiously Affiliated	7,594	23	52	48	546	547	538
Independent	1,047	3	48	52	602	615	603
Other or Unknown	1,394						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	34,530	99	535	103	544	105	522	101
Nonstandard Conditions	440	1	504	118	519	125	499	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	163	0	522	106	517	104	494	100
Asian, Asian American, or Pacific Islander	1,249	4	548	127	612	112	544	122
Black or African American	2,895	8	453	101	443	99	439	97
Mexican or Mexican American	153	0	535	102	538	103	515	100
Puerto Rican	182	1	497	96	475	102	477	97
Other Hispanic, Latino, or Latin American	272	1	527	102	532	105	506	102
White	26,918	77	543	96	553	98	530	95
Other	1,035	3	531	109	536	108	521	107
No Response*	2,103	6	546	119	547	116	528	116
Total	34,970	100	535	103	544	106	521	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	76	0	522	110	529	102	492	107
Asian, Asian American, or Pacific Islander	620	2	548	126	629	112	537	124
Black or African American	1,189	3	452	103	455	103	431	98
Mexican or Mexican American	64	0	545	90	570	89	520	99
Puerto Rican	80	0	500	99	497	105	475	105
Other Hispanic, Latino, or Latin American	126	0	546	103	563	106	510	106
White	13,015	37	545	97	571	99	523	96
Other	462	1	531	111	556	112	514	109
No Response*	1,074	3	545	116	564	114	523	113
Total	16,706	48	538	103	564	106	516	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	87	0	521	103	506	104	496	93
Asian, Asian American, or Pacific Islander	629	2	549	127	595	110	551	119
Black or African American	1,706	5	454	99	435	95	444	96
Mexican or Mexican American	89	0	529	109	515	106	511	100
Puerto Rican	102	0	494	93	457	96	479	91
Other Hispanic, Latino, or Latin American	146	0	510	98	504	97	502	97
White	13,903	40	540	95	535	94	535	94
Other	573	2	532	108	520	101	527	105
No Response*	1,029	3	546	122	528	116	533	118
Total	18,264	52	532	102	526	102	526	101

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	34,970	100	535	103	544	106	521	102
First Language Learned								
English	30,953	91	537	101	544	103	523	100
English and Another	2,150	6	521	109	537	115	508	110
Another Language	911	3	512	126	577	124	516	123
No Response*	956							
Citizenship								
U.S. Citizen / U.S. National	32,246	98	537	101	544	105	523	101
U.S. Permanent Resident or Refugee	498	2	517	128	561	128	510	124
Citizen of Another Country	271	1	474	116	595	112	495	111
Other, Unknown, or No Response*	1,955							
Disabling Condition								
Yes	2,097	6	513	108	517	108	492	101
Unknown or No Response*	32,873							
Plans to Apply for Financial Aid								
Yes	24,529	75	534	102	540	105	519	101
No	2,471	8	543	98	560	101	535	99
Don't Know	5,511	17	539	102	555	103	527	102
Family Income								
Less than \$10,000	438	2	445	109	453	115	434	109
\$10,000–\$20,000	761	3	474	106	473	108	455	101
\$20,000–\$30,000	1,151	5	498	103	499	105	480	102
\$30,000–\$40,000	1,762	7	508	103	512	107	489	100
\$40,000–\$50,000	1,803	7	525	101	526	100	507	98
\$50,000–\$60,000	2,239	9	524	98	529	100	510	98
\$60,000–\$70,000	2,272	9	527	97	534	99	512	93
\$70,000–\$80,000	2,513	10	535	99	541	99	516	97
\$80,000–\$100,000	4,168	17	541	96	551	98	527	94
More than \$100,000	7,327	30	558	95	575	98	549	95
No Response*	10,536							
Highest Level of Parental Education								
No High School Diploma	283	1	439	107	457	117	432	104
High School Diploma	7,736	23	494	96	500	100	478	94
Associate Degree	2,661	8	502	94	513	98	488	93
Bachelor's Degree	11,743	36	540	95	551	98	527	94
Graduate Degree	10,601	32	572	99	581	102	560	98
Took the PSAT/NMSQT®								
Yes, As a Junior	11,614	38	529	99	538	102	516	96
Yes, As a Sophomore or Younger	5,239	17	528	98	538	103	512	95
Yes, As a Junior and As a Sophomore or Younger	9,085	29	573	98	582	99	563	96
No	4,908	16	492	100	500	103	468	97

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	7,076	34	44	56	604	621	593
Second Tenth	5,290	26	46	54	543	559	532
Second Fifth	4,219	20	49	51	510	520	496
Final Three Fifths	4,139	20	53	47	467	472	452
No Response*	14,246						

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)	3,828	11	41	59	616	630	608
A (93–96)	7,653	23	39	61	577	589	567
A- (90–92)	6,500	19	45	55	547	562	536
B (80–89)	12,582	38	52	48	501	506	485
C (70–79)	2,778	8	63	37	449	449	427
D, E, or F (below 70)	69	0	68	32	447	431	410
No Response*	1,560						
Mean Grade Point Average	All Students: 3.47		Male: 3.37		Female: 3.55		

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	2.6	2.4	3.80	3.91	3.86
English	3.9	3.9	3.9	3.31	3.55	3.44
Foreign and Classical Languages	3.0	3.3	3.1	3.23	3.47	3.35
Mathematics	4.0	3.9	3.9	3.28	3.32	3.30
Natural Sciences	3.7	3.6	3.6	3.34	3.40	3.37
Social Sciences and History	3.6	3.5	3.6	3.48	3.56	3.52
Total for All Subjects	20.4	20.8	20.5			

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	20,148	69	44	56	557	566	544
19 or 19.5 Years	3,098	11	56	44	513	525	499
18 or 18.5 Years	2,157	7	55	45	497	505	481
17 or 17.5 Years	1,388	5	52	48	484	490	469
16 or 16.5 Years	956	3	50	50	478	487	460
15 or 15.5 Years	604	2	53	47	473	473	456
Less than 15 Years	878	3	54	46	461	468	443
Incomplete Response	5,741						

*'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	1,757	6	41	59	554	557	539
4 Years	25,405	83	48	52	539	549	525
3 Years	2,912	10	47	53	499	504	485
2 Years	302	1	52	48	502	512	479
1 Year	65	0	65	35	496	515	486
1/2 Year or Less	45	0	53	47	480	493	471
No Response*	4,484						
Course Work or Experience							
American Literature	26,682	92	47	53	542	549	528
Grammar	19,776	68	47	53	544	551	530
Composition	18,969	65	47	53	551	556	537
Literature, Historical Periods	14,018	48	44	56	560	562	545
British Literature	14,215	49	46	54	561	563	545
Speaking and Listening	11,336	39	45	55	546	550	532
Literature, Other Country	5,509	19	42	58	567	565	551
English As Second Language	650	2	43	57	468	526	470
AP®/Honors Courses	11,493	38	39	61	594	593	581
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	4,413	14	51	49	573	610	558
4 Years	20,572	67	48	52	537	546	525
3 Years	5,177	17	42	58	500	485	483
2 Years	301	1	50	50	490	487	468
1 Year	53	0	49	51	503	516	499
1/2 Year or Less	29	0	62	38	461	467	455
No Response*	4,425						
Course Work or Experience							
Algebra	29,836	98	47	53	535	544	522
Geometry	29,576	97	47	53	536	545	523
Trigonometry	15,133	50	50	50	553	570	540
Precalculus	18,406	60	48	52	562	583	550
Calculus	10,203	33	53	47	587	621	576
Other Math Courses	7,712	25	46	54	522	528	508
Computer Math	2,150	7	65	35	537	563	520
AP/Honors Courses	10,698	35	48	52	592	619	580

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	2,481	8	49	51	577	605	562	
4 Years	16,623	55	48	52	545	556	531	
3 Years	10,006	33	45	55	517	518	503	
2 Years	920	3	58	42	499	503	482	
1 Year	277	1	48	52	480	488	468	
1/2 Year or Less	135	0	47	53	441	451	435	
No Response*	4,528							
Course Work or Experience								
Biology	29,937	98	47	53	536	545	523	
Chemistry	27,937	92	47	53	541	552	528	
Physics	18,082	59	53	47	557	575	543	
Geology, Earth, or Space Science	13,081	43	46	54	519	523	503	
Other Sciences	12,139	40	42	58	525	530	512	
AP/Honors Courses	9,715	32	47	53	595	613	581	
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	1,752	6	46	54	566	565	548	
4 Years	15,336	50	49	51	544	550	530	
3 Years	11,775	39	45	55	525	540	513	
2 Years	1,322	4	48	52	503	515	490	
1 Year	162	1	58	42	489	501	462	
1/2 Year or Less	99	0	40	60	451	461	445	
No Response*	4,524							
Course Work or Experience								
U.S. History	29,699	98	47	53	536	545	522	
World History or Cultures	23,836	78	47	53	536	544	522	
U.S. Government or Civics	25,979	85	47	53	536	544	522	
Economics	10,180	33	49	51	537	550	523	
Geography	4,534	15	48	52	511	521	497	
Psychology	9,832	32	37	63	538	540	524	
European History	6,345	21	50	50	569	572	554	
Sociology	5,679	19	39	61	526	529	512	
Ancient History	3,090	10	52	48	550	554	534	
Anthropology	457	2	39	61	533	532	517	
Other Courses	6,706	22	46	54	534	539	519	
AP/Honors Courses	9,384	31	45	55	597	600	583	

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	2,091	7	37	63	592	599	582
4 Years	9,806	32	41	59	574	580	564
3 Years	10,812	35	48	52	531	544	518
2 Years	6,422	21	55	45	487	495	469
1 Year	852	3	56	44	451	450	426
1/2 Year or Less	552	2	63	37	433	442	409
No Response*	4,435						
Course Work or Experience							
Chinese	185	1	48	52	551	609	548
French	7,205	23	37	63	548	550	534
German	2,729	9	61	39	546	558	525
Greek	181	1	57	43	595	590	569
Hebrew	294	1	44	56	556	558	551
Italian	327	1	37	63	534	536	526
Japanese	312	1	52	48	549	555	531
Korean	61	0	44	56	484	570	495
Latin	3,534	12	55	45	576	580	558
Russian	177	1	43	57	530	542	521
Spanish	20,307	66	47	53	528	538	516
Other Languages	912	3	38	62	491	506	477
AP/Honors Courses	5,921	19	42	58	601	609	592

*'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
More Than 4 Years	1,875	6	38	62	556	555	540
4 Years	7,518	25	39	61	555	557	541
3 Years	3,877	13	39	61	531	535	519
2 Years	5,875	19	48	52	529	539	515
1 Year	8,433	28	55	45	532	548	518
1/2 Year or Less	2,652	9	59	41	505	517	489
No Response*	4,740						
Course Work or Experience							
Acting or Play Production	6,225	22	36	64	561	550	546
Art History or Appreciation	6,397	23	45	55	534	536	520
Dance	2,375	8	16	84	528	523	521
Drama: Study or Appreciation	4,426	16	35	65	549	539	535
Music: Study or Appreciation	4,539	16	49	51	554	550	539
Music Performance	12,580	45	41	59	554	557	541
Photography or Film	6,337	23	40	60	538	542	523
Studio Art and Design	8,405	30	42	58	543	550	530
None	2,895	10	60	40	495	514	481
AP/Honors Courses	1,911	6	39	61	583	583	570
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	19,327	66	48	52	539	546	524
Computer Programming	4,883	17	67	33	536	559	518
Word Processing	21,211	72	47	53	538	545	523
Internet Activity	15,061	51	49	51	539	546	525
Using Computer Graphics	9,613	33	54	46	537	550	522
Creating Spreadsheets/Databases	11,039	38	50	50	542	555	529
None	3,537	12	37	63	544	549	532

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
3,784	10,222	3,382	646	659	637

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	337	9
2	1,079	29
3	1,931	51
4 or More	437	12

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*	297	635	100	280	655	93	660	85	659	87
Literature	1,501	629	106	1,305	660	93	637	88	645	88
History and Social Studies										
U.S. History	1,597	643	110	1,406	665	87	654	88	648	87
World History	136	612	115	107	669	88	646	104	665	90
Mathematics										
Mathematics Level 1	1,668	609	101	1,429	627	95	641	86	622	93
Mathematics Level 2	1,722	682	92	1,605	662	89	700	69	655	85
Science										
Biology-E	325	624	105	286	650	97	650	93	642	91
Biology-M	521	664	84	488	667	81	684	70	661	80
Chemistry	1,069	643	103	973	654	93	694	76	647	88
Physics	481	663	89	448	654	89	708	63	643	84
Foreign and Classical Languages										
Chinese/Listening	24	792		22	580		712		567	
French	208	588	114	202	666	92	655	88	659	86
French/Listening	52	604	106	52	682	83	638	70	661	98
German	13	585		11	614		682		655	
German/Listening	18	552		18	648		655		633	
Modern Hebrew	3			3						
Italian	9	539		7	597		613		580	
Japanese/Listening	17	684		16	604		688		589	
Korean/Listening	3			2						
Latin	105	617	100	101	680	80	686	75	674	80
Spanish	364	597	115	343	648	85	648	84	649	80
Spanish/Listening	89	589	98	83	638	78	642	76	636	66

*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	42	14	186	12	290	18	19	14
700–749	47	16	286	19	335	21	19	14
650–699	61	21	304	20	306	19	20	15
600–649	42	14	253	17	213	13	20	15
550–599	48	16	147	10	137	9	19	14
500–549	30	10	124	8	113	7	12	9
450–499	15	5	86	6	84	5	14	10
400–449	10	3	78	5	80	5	11	8
350–399	1	0	31	2	30	2	2	1
300–349	1	0	5	0	9	1		
250–299			1	0				
200–249								
Total	297		1,501		1,597		136	
Mean	635		629		643		612	
SD	100		106		110		115	
75th percentile	710		710		730		710	
50th percentile	650		650		670		620	
25th percentile	570		560		580		520	

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	92	6	539	31	38	12	80	15	202	19	95	20
700–749	257	15	286	17	51	16	144	28	191	18	93	19
650–699	346	21	335	19	66	20	109	21	178	17	102	21
600–649	335	20	277	16	58	18	84	16	161	15	81	17
550–599	210	13	145	8	43	13	58	11	122	11	61	13
500–549	167	10	72	4	24	7	25	5	109	10	32	7
450–499	123	7	45	3	23	7	10	2	66	6	13	3
400–449	94	6	13	1	12	4	8	2	36	3	2	0
350–399	40	2	8	0	7	2	3	1	4	0	2	0
300–349	4	0	2	0	3	1						
250–299												
200–249												
Total	1,668		1,722		325		521		1,069		481	
Mean	609		682		624		664		643		663	
SD	101		92		105		84		103		89	
75th percentile	680		760		700		730		730		730	
50th percentile	620		690		640		680		650		670	
25th percentile	540		630		560		610		570		600	

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	23	96	23	11	7	13	1	8	3	17		
700–749	1	4	20	10	3	6	1	8	1	6		
650–699			19	9	9	17	3	23				
600–649			37	18	7	13	2	15	2	11		
550–599			25	12	10	19						
500–549			42	20	10	19	2	15	5	28		
450–499			21	10	2	4	3	23	3	17	2	67
400–449			14	7	2	4			2	11		
350–399			6	3	2	4			2	11	1	33
300–349			1	0			1	8				
250–299												
200–249												
Total	24		208		52		13		18		3	
Mean	792		588		604		585		552			
SD			114		106							
75th percentile	800		670		680							
50th percentile	800		580		590							
25th percentile	790		500		530							

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	2	22	5	29	2	67	12	11	38	10	6	7
700–749	1	11	4	24			15	14	48	13	9	10
650–699			1	6	1	33	17	16	58	16	8	9
600–649			5	29			14	13	37	10	17	19
550–599			1	6			19	18	56	15	21	24
500–549	1	11	1	6			14	13	62	17	12	13
450–499	1	11					12	11	26	7	10	11
400–449	3	33							22	6	4	4
350–399	1	11					2	2	10	3	1	1
300–349									7	2	1	1
250–299												
200–249												
Total	9		17		3		105		364		89	
Mean	539		684				617		597		589	
SD							100		115		98	
75th percentile							690		690		640	
50th percentile							620		590		590	
25th percentile							540		510		530	

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	156	1	514	505	491
Architecture or Environmental Design	877	3	513	548	505
Arts: Visual and Performing	2,345	9	539	523	522
Biological Sciences	1,517	6	571	574	555
Business and Commerce	3,532	14	511	532	498
Communications	1,162	5	539	519	532
Computer or Information Sciences	775	3	541	566	506
Education	2,236	9	514	516	504
Engineering and Engineering Technologies	2,454	10	553	604	532
Foreign or Classical Languages	253	1	593	571	580
General or Interdisciplinary Studies	69	0	577	557	562
Health and Allied Services	4,608	18	516	531	509
Home Economics	73	0	480	481	484
Language and Literature	495	2	619	559	605
Library and Archival Sciences	11	0	545	489	525
Mathematics	226	1	573	649	565
Military Sciences	112	0	539	556	501
Philosophy, Religion, or Theology	157	1	574	557	549
Physical Sciences	510	2	580	608	557
Public Affairs and Services	542	2	498	487	474
Social Sciences and History	2,437	10	566	540	547
Technical and Vocational	160	1	470	485	445
Undecided	592	2	536	553	531
Degree-Level Goal					
Certificate Program	141	0	470	482	450
Associate Degree	183	1	443	447	434
Bachelor's Degree	8,548	26	503	512	489
Master's Degree	10,125	31	538	548	524
Doctoral or Related Degree	6,785	21	569	577	555
Other	94	0	505	503	479
Undecided	6,494	20	545	552	532
Plans for Advanced Standing in College Courses					
Art	1,336	5	535	529	521
Biology	3,652	13	595	606	581
Chemistry	3,418	12	593	625	580
Computer Science	938	3	573	605	549
English	8,382	30	600	590	587
Foreign Languages	5,565	20	593	598	586
Humanities	651	2	606	587	587
Mathematics	8,427	30	587	625	575
Music	1,083	4	544	543	532
Physics	2,677	10	609	650	591
Social Studies	7,952	28	600	599	585
None of These	10,685	38	486	493	473

College Plans

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

Of the 35,372 students from your state who participated in the SAT Program, 27,910 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 2,129 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	11,360	40.7
MIAMI UNIVERSITY OXFORD	OH	Public	7,267	26.0
OHIO UNIVERSITY ATHENS	OH	Public	6,150	22.0
UNIVERSITY OF CINCINNATI	OH	Public	5,823	20.9
BOWLING GREEN STATE UNIVERSITY	OH	Public	3,953	14.2
KENT STATE UNIVERSITY	OH	Public	3,538	12.7
UNIVERSITY OF DAYTON	OH	Private	3,304	11.8
CASE WESTERN RESERVE UNIVERSITY	OH	Private	2,552	9.1
UNIVERSITY OF TOLEDO	OH	Public	2,281	8.2
XAVIER UNIVERSITY	OH	Private	2,163	7.7
WRIGHT STATE UNIVERSITY DAYTON	OH	Public	2,144	7.7
UNIV AKRON	OH	Public	1,862	6.7
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	1,482	5.3
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	1,279	4.6
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	1,269	4.5
OHIO NORTHERN UNIVERSITY	OH	Private	1,161	4.2
NORTHWESTERN UNIVERSITY	IL	Private	1,136	4.1
JOHN CARROLL UNIVERSITY	OH	Private	1,071	3.8
CLEVELAND STATE UNIVERSITY	OH	Public	1,048	3.8
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	1,047	3.8
UNIVERSITY OF NOTRE DAME	IN	Private	1,004	3.6
NEW YORK UNIVERSITY	NY	Private	972	3.5
BALDWIN-WALLACE COLLEGE	OH	Private	938	3.4
DUKE UNIVERSITY	NC	Private	882	3.2
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	866	3.1
DENISON UNIVERSITY	OH	Private	859	3.1
NORTHERN KENTUCKY UNIVERSITY	KY	Public	823	2.9
CORNELL UNIVERSITY	NY	Private	814	2.9
WITTENBERG UNIVERSITY	OH	Private	788	2.8
OTTERBEIN COLLEGE	OH	Private	771	2.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	766	2.7
WASHINGTON UNIVERSITY	MO	Private	756	2.7
CAPITAL UNIVERSITY	OH	Private	703	2.5
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	695	2.5
NCAA INITIAL ELIG CLEARINGHSE	IA	Scholarship	656	2.4
YALE UNIVERSITY	CT	Private	645	2.3
BOSTON UNIVERSITY	MA	Private	645	2.3
CARNEGIE MELLON UNIVERSITY	PA	Private	644	2.3
LOYOLA UNIVERSITY CHICAGO	IL	Private	634	2.3
OHIO WESLEYAN UNIVERSITY	OH	Private	621	2.2
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	593	2.1
ASHLAND UNIVERSITY	OH	Private	583	2.1
GEORGETOWN UNIVERSITY	DC	Private	568	2.0
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	555	2.0
MICHIGAN STATE UNIVERSITY	MI	Public	554	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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