

State Profile Report

MICHIGAN

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.

Table of Contents

SAT Reasoning Test™

SAT Reasoning Test Data	Page 1
-------------------------	--------

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT Reasoning Test™
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School
Table 8: Test-Taking Conditions

Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity	Page 3
--	--------

Table 9: Total Mean Scores by Ethnicity
Table 10: Male Mean Scores by Ethnicity
Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test: Student Background Information and Characteristics	Page 4
--	--------

Table 12: Student Background Information and Characteristics
--

Academic Information

Academic Record	Page 5
-----------------	--------

Table 13: High School Rank
Table 14: High School Grade Point Average
Table 15: Average Years of Study in Six Academic Subjects
Table 16: Total Years of Study in Combined Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

Table 17: English, Mathematics
Table 18: Natural Sciences, Social Sciences and History
Table 19: Foreign and Classical Languages
Table 20: Arts and Music, Computers

SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

Table 21: Number of Test-Takers and Tests for SAT Subject Tests™
Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

Table 23: English, History and Social Studies
Table 24: Mathematics, Science
Table 25: Foreign and Classical Languages
Table 26: Foreign and Classical Languages (continued)

College Plans

Intended College Major, Degree-Level Goal, Plans for Advanced Standing	Page 13
--	---------

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

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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

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	10,405	568	105	583	107	555	104

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	4,836	571	105	604	104	550	103
Female	5,569	567	106	565	106	559	104

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	3,523	551	112	563	114	535	108
Junior	6,723	578	101	594	101	566	99
Sophomore	129	560	105	593	101		
Freshman	30	527	98	530	85		
Total	10,405	568	105	583	107	555	104

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 10,405 students in this report, 9,790 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	640	660	630	580	600	570
50th	570	590	560	500	520	490
25th	500	510	480	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	201	245	446	357	177	534	110	159	269
700–749	344	359	703	580	408	988	239	344	583
650–699	621	677	1,298	893	771	1,664	478	587	1,065
600–649	879	1,007	1,886	943	963	1,906	701	903	1,604
550–599	903	951	1,854	736	948	1,684	875	1,000	1,875
500–549	772	944	1,716	588	866	1,454	789	887	1,676
450–499	546	680	1,226	381	702	1,083	615	644	1,259
400–449	326	383	709	195	404	599	383	402	785
350–399	134	199	333	102	196	298	212	216	428
300–349	79	88	167	42	80	122	89	88	177
250–299	19	25	44	14	26	40	22	28	50
200–249	12	11	23	5	28	33	11	8	19

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	8,145	83	45	55	564	583	550
Religiously Affiliated	1,029	10	52	48	583	592	576
Independent	675	7	47	53	612	601	603
Other or Unknown	556						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	10,330	99	569	105	583	107	555	104
Nonstandard Conditions	75	1	546	99	563	109	534	100

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	54	1	539	97	535	112	510	102
Asian, Asian American, or Pacific Islander	1,038	10	570	127	647	105	575	119
Black or African American	953	9	478	103	464	102	459	96
Mexican or Mexican American	130	1	549	101	546	100	525	98
Puerto Rican	26	0	546	105	525	96	540	109
Other Hispanic, Latino, or Latin American	94	1	573	94	588	96	556	107
White	6,944	67	579	96	591	95	564	95
Other	349	3	560	105	582	102	554	100
No Response*	817	8	590	107	589	105	570	105
Total	10,405	100	568	105	583	107	555	104

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	15	0	553		601		504	
Asian, Asian American, or Pacific Islander	507	5	571	124	660	103	567	118
Black or African American	362	3	483	103	483	99	459	94
Mexican or Mexican American	62	1	543	99	560	99	523	95
Puerto Rican	12	0	553		543		532	
Other Hispanic, Latino, or Latin American	47	0	564	105	614	97	548	114
White	3,269	31	580	96	610	94	557	96
Other	162	2	554	107	603	100	545	98
No Response*	400	4	585	108	602	104	560	107
Total	4,836	46	571	105	604	104	550	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	39	0	534	95	509	104	512	87
Asian, Asian American, or Pacific Islander	531	5	569	129	635	104	582	120
Black or African American	591	6	476	103	452	101	460	97
Mexican or Mexican American	68	1	554	104	533	100	526	100
Puerto Rican	14	0	541		510		548	
Other Hispanic, Latino, or Latin American	47	0	581	81	562	87	564	99
White	3,675	35	578	96	574	93	571	93
Other	187	2	565	103	564	99	563	102
No Response*	417	4	595	105	576	104	580	101
Total	5,569	54	567	106	565	106	559	104

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	10,405	100	568	105	583	107	555	104
First Language Learned								
English	8,467	84	571	102	578	105	555	101
English and Another	982	10	564	110	597	112	563	111
Another Language	626	6	547	128	636	102	554	120
No Response*	330							
Citizenship								
U.S. Citizen / U.S. National	9,232	94	572	103	581	106	557	102
U.S. Permanent Resident or Refugee	309	3	565	115	623	110	573	111
Citizen of Another Country	261	3	485	130	616	106	497	117
Other, Unknown, or No Response*	603							
Disabling Condition								
Yes	502	5	553	106	561	109	527	101
Unknown or No Response*	9,903							
Plans to Apply for Financial Aid								
Yes	6,776	71	568	106	578	108	552	105
No	951	10	574	98	596	99	565	96
Don't Know	1,835	19	566	106	592	103	558	101
Family Income								
Less than \$10,000	135	2	477	113	496	127	467	113
\$10,000–\$20,000	212	3	512	120	524	116	500	111
\$20,000–\$30,000	327	5	515	110	527	116	502	109
\$30,000–\$40,000	438	6	537	109	543	110	519	106
\$40,000–\$50,000	442	6	548	105	552	112	531	99
\$50,000–\$60,000	596	8	558	102	571	110	536	103
\$60,000–\$70,000	539	7	568	101	573	100	550	98
\$70,000–\$80,000	617	9	559	102	574	104	545	98
\$80,000–\$100,000	1,133	16	565	101	584	103	552	102
More than \$100,000	2,748	38	592	95	611	93	580	94
No Response*	3,218							
Highest Level of Parental Education								
No High School Diploma	70	1	474	115	501	132	465	110
High School Diploma	1,476	15	512	107	524	111	497	103
Associate Degree	587	6	532	99	542	101	514	99
Bachelor's Degree	3,224	33	564	98	582	98	551	96
Graduate Degree	4,400	45	598	98	612	99	585	97
Took the PSAT/NMSQT®								
Yes, As a Junior	4,384	48	576	99	591	101	563	97
Yes, As a Sophomore or Younger	1,256	14	559	97	571	102	543	93
Yes, As a Junior and As a Sophomore or Younger	1,748	19	617	94	628	91	607	92
No	1,767	19	515	110	530	114	494	105

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	3,016	50	44	56	619	641	609
Second Tenth	1,508	25	49	51	556	578	542
Second Fifth	875	14	47	53	529	541	511
Final Three Fifths	681	11	52	48	485	492	467
No Response*	4,325						

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)	1,298	13	41	59	636	656	629
A (93–96)	2,989	30	41	59	606	626	596
A- (90–92)	2,272	23	45	55	569	590	556
B (80–89)	2,870	29	51	49	521	527	501
C (70–79)	466	5	64	36	458	459	434
D, E, or F (below 70)	9	0	89	11	478	526	422
No Response*	501						
Mean Grade Point Average	All Students: 3.62		Male: 3.55		Female: 3.68		

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	1.9	2.5	2.2	3.85	3.93	3.90
English	4.0	4.0	4.0	3.54	3.72	3.64
Foreign and Classical Languages	2.9	3.1	3.0	3.50	3.69	3.60
Mathematics	3.9	3.9	3.9	3.46	3.46	3.46
Natural Sciences	3.7	3.7	3.7	3.53	3.58	3.56
Social Sciences and History	3.6	3.5	3.5	3.64	3.72	3.68
Total for All Subjects	20.0	20.7	20.3			

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	5,560	65	41	59	594	607	582
19 or 19.5 Years	932	11	50	50	559	573	543
18 or 18.5 Years	699	8	55	45	536	556	526
17 or 17.5 Years	433	5	54	46	524	536	503
16 or 16.5 Years	297	3	50	50	496	508	473
15 or 15.5 Years	200	2	51	49	495	500	474
Less than 15 Years	384	5	54	46	484	510	464
Incomplete Response	1,900						

*'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	940	11	38	62	595	600	579
4 Years	7,037	79	46	54	572	587	559
3 Years	806	9	48	52	525	539	508
2 Years	120	1	47	53	514	556	503
1 Year	24	0	63	38	490	562	486
1/2 Year or Less	11	0	55	45	515	550	478
No Response*	1,467						
Course Work or Experience							
American Literature	7,768	90	45	55	576	588	562
Grammar	5,235	60	45	55	578	588	565
Composition	6,245	72	44	56	585	593	571
Literature, Historical Periods	4,358	50	42	58	595	597	579
British Literature	3,513	41	43	57	600	602	584
Speaking and Listening	3,796	44	45	55	579	588	565
Literature, Other Country	2,051	24	43	57	599	601	583
English As Second Language	233	3	47	53	470	588	485
AP®/Honors Courses	4,054	45	40	60	614	619	602
Mathematics							
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,034	12	53	47	590	636	577
4 Years	6,308	70	46	54	575	591	563
3 Years	1,440	16	41	59	537	522	518
2 Years	179	2	38	62	518	497	496
1 Year	20	0	60	40	507	596	511
1/2 Year or Less	8	0	63	38	538	548	500
No Response*	1,416						
Course Work or Experience							
Algebra	8,507	95	45	55	568	581	554
Geometry	8,448	94	45	55	569	582	555
Trigonometry	5,541	62	47	53	582	606	568
Precalculus	5,948	66	47	53	589	615	578
Calculus	4,156	46	50	50	605	643	595
Other Math Courses	2,146	24	44	56	564	578	549
Computer Math	1,013	11	58	42	582	615	566
AP/Honors Courses	3,726	41	47	53	613	647	603

*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	1,081	12	47	53	601	640	587
4 Years	5,155	57	46	54	579	595	566
3 Years	2,107	23	43	57	544	544	531
2 Years	478	5	44	56	521	522	501
1 Year	101	1	51	49	518	521	495
1/2 Year or Less	49	1	53	47	495	526	480
No Response*	1,434						
Course Work or Experience							
Biology	8,718	97	45	55	570	584	556
Chemistry	8,175	91	45	55	574	590	560
Physics	5,882	66	50	50	586	611	572
Geology, Earth, or Space Science	4,550	51	45	55	557	568	542
Other Sciences	3,289	37	40	60	561	571	548
AP/Honors Courses	3,453	38	47	53	616	638	603

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	662	7	46	54	595	603	576
4 Years	4,440	50	46	54	580	589	566
3 Years	3,151	35	44	56	558	577	545
2 Years	585	7	48	52	538	566	524
1 Year	89	1	51	49	509	550	499
1/2 Year or Less	33	0	36	64	494	555	490
No Response*	1,445						
Course Work or Experience							
U.S. History	8,754	98	45	55	570	583	556
World History or Cultures	6,023	67	47	53	576	589	562
U.S. Government or Civics	8,179	91	45	55	570	583	556
Economics	5,204	58	45	55	563	580	548
Geography	2,565	29	42	58	540	550	525
Psychology	3,288	37	36	64	571	579	555
European History	2,112	24	49	51	599	606	584
Sociology	1,435	16	38	62	547	552	530
Ancient History	1,154	13	49	51	590	593	574
Anthropology	279	3	39	61	564	567	550
Other Courses	2,274	25	43	57	572	580	556
AP/Honors Courses	3,001	33	44	56	622	627	608

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	426	5	40	60	604	620	593
4 Years	3,330	37	40	60	602	615	594
3 Years	2,147	24	48	52	571	586	557
2 Years	2,210	25	49	51	540	553	520
1 Year	486	5	51	49	508	518	484
1/2 Year or Less	381	4	54	46	490	519	466
No Response*	1,425						
Course Work or Experience							
Chinese	157	2	39	61	570	664	576
French	2,329	26	37	63	583	584	568
German	973	11	51	49	584	598	567
Greek	45	1	56	44	570	573	560
Hebrew	91	1	48	52	605	608	601
Italian	93	1	31	69	559	560	541
Japanese	278	3	49	51	562	582	547
Korean	59	1	53	47	493	618	505
Latin	620	7	53	47	609	602	590
Russian	56	1	48	52	544	614	561
Spanish	5,382	60	46	54	564	579	552
Other Languages	215	2	38	62	534	559	528
AP/Honors Courses	1,771	20	39	61	626	640	620

*'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	656	7	34	66	583	585	567
4 Years	2,244	25	39	61	591	597	580
3 Years	921	10	39	61	564	572	552
2 Years	1,308	15	40	60	568	583	553
1 Year	1,593	18	48	52	560	578	546
1/2 Year or Less	2,103	24	59	41	554	578	539
No Response*	1,580						
Course Work or Experience							
Acting or Play Production	2,039	25	33	67	592	580	578
Art History or Appreciation	1,359	16	36	64	571	572	558
Dance	813	10	12	88	561	551	553
Drama: Study or Appreciation	1,300	16	31	69	576	563	560
Music: Study or Appreciation	1,388	17	43	57	591	589	578
Music Performance	4,096	49	40	60	585	595	573
Photography or Film	1,432	17	38	62	574	575	556
Studio Art and Design	2,117	26	36	64	574	580	560
None	1,456	18	62	38	542	574	527
AP/Honors Courses	788	9	38	62	613	613	599
Computers							
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	5,950	69	45	55	570	582	556
Computer Programming	1,821	21	63	37	576	607	559
Word Processing	6,211	72	44	56	570	582	556
Internet Activity	4,705	54	47	53	573	585	558
Using Computer Graphics	2,826	33	52	48	568	587	553
Creating Spreadsheets/Databases	3,688	43	48	52	575	592	562
None	1,008	12	38	62	579	590	569

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
1,962	5,399	1,618	654	676	645

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	95	5
2	525	27
3	1,156	59
4 or More	186	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*	77	639	120	72	652	111	693	89	667	104
Literature	867	638	104	695	676	83	656	85	659	81
History and Social Studies										
U.S. History	661	633	108	527	672	80	666	85	658	80
World History	75	615	119	59	678	73	672	78	645	74
Mathematics										
Mathematics Level 1	660	617	101	493	632	95	647	77	621	87
Mathematics Level 2	1,146	700	89	1,003	660	88	705	69	655	84
Science										
Biology-E	165	620	106	124	649	89	670	82	638	75
Biology-M	273	677	91	235	660	92	689	78	655	91
Chemistry	611	668	103	517	655	97	706	76	651	88
Physics	307	661	95	261	654	93	715	64	642	93
Foreign and Classical Languages										
Chinese/Listening	59	774	43	55	667	125	729	93	676	112
French	113	599	112	98	672	77	660	72	654	71
French/Listening	28	643	96	27	674	54	673	83	673	67
German	8	654		7	639		644		636	
German/Listening	25	573	142	23	699		695		694	
Modern Hebrew	4			4						
Italian	0			0						
Japanese/Listening	16	758		15	519		675		529	
Korean/Listening	16	786		14	624		731		627	
Latin	24	528		22	645		669		656	
Spanish	219	598	117	188	666	81	662	82	662	80
Spanish/Listening	45	626	105	43	676	67	658	96	661	72

*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	16	21	134	15	102	15	11	15
700–749	16	21	173	20	116	18	9	12
650–699	12	16	156	18	129	20	15	20
600–649	7	9	145	17	90	14	9	12
550–599	9	12	101	12	76	11	9	12
500–549	4	5	66	8	65	10	10	13
450–499	7	9	41	5	39	6	6	8
400–449	3	4	29	3	28	4	2	3
350–399	3	4	18	2	15	2	4	5
300–349			3	0	1	0		
250–299			1	0				
200–249								
Total	77		867		661		75	
Mean	639		638		633		615	
SD	120		104		108		119	
75th percentile	730		720		720		700	
50th percentile	660		650		650		630	
25th percentile	560		580		550		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	44	7	455	40	19	12	73	27	175	29	70	23
700–749	124	19	208	18	26	16	66	24	119	19	52	17
650–699	136	21	168	15	32	19	52	19	101	17	60	20
600–649	115	17	163	14	30	18	33	12	78	13	47	15
550–599	80	12	81	7	17	10	21	8	50	8	42	14
500–549	76	12	43	4	19	12	17	6	40	7	18	6
450–499	40	6	19	2	10	6	7	3	26	4	12	4
400–449	28	4	6	1	7	4	1	0	18	3	5	2
350–399	10	2	2	0	4	2	3	1	3	0	1	0
300–349	7	1	1	0	1	1			1	0		
250–299												
200–249												
Total	660		1,146		165		273		611		307	
Mean	617		700		620		677		668		661	
SD	101		89		106		91		103		95	
75th percentile	700		780		700		750		750		730	
50th percentile	630		720		640		700		690		670	
25th percentile	550		640		540		630		610		590	

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	50	85	12	11	6	21	2	25	5	20	3	75
700–749	5	8	12	11	2	7	2	25	2	8		
650–699	2	3	14	12	4	14	1	13	3	12		
600–649	1	2	20	18	6	21	1	13			1	25
550–599	1	2	17	15	8	29			3	12		
500–549			16	14			1	13	1	4		
450–499			13	12	1	4	1	13	7	28		
400–449			5	4	1	4			2	8		
350–399			4	4					1	4		
300–349									1	4		
250–299												
200–249												
Total	59		113		28		8		25		4	
Mean	774		599		643		654		573			
SD	43		112		96				142			
75th percentile	800		680		700				670			
50th percentile	790		600		620				540			
25th percentile	760		510		570				470			

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			13	81	15	94			23	11	4	9
700–749			1	6	1	6			28	13	15	33
650–699			1	6					38	17	4	9
600–649							3	13	31	14	3	7
550–599							7	29	22	10	8	18
500–549							8	33	26	12	6	13
450–499							4	17	24	11	1	2
400–449			1	6			2	8	20	9	3	7
350–399									4	2	1	2
300–349									3	1		
250–299												
200–249												
Total	0		16		16		24		219		45	
Mean			758		786		528		598		626	
SD									117		105	
75th percentile							560		690		700	
50th percentile							520		620		620	
25th percentile							480		500		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	45	1	541	543	520
Architecture or Environmental Design	215	3	535	575	525
Arts: Visual and Performing	762	10	569	548	553
Biological Sciences	585	8	599	614	585
Business and Commerce	926	12	527	564	520
Communications	286	4	561	542	554
Computer or Information Sciences	226	3	572	606	545
Education	408	5	547	549	534
Engineering and Engineering Technologies	895	12	568	624	549
Foreign or Classical Languages	76	1	613	593	595
General or Interdisciplinary Studies	45	1	586	598	582
Health and Allied Services	1,384	18	557	580	552
Home Economics	17	0	505	489	483
Language and Literature	245	3	646	583	628
Library and Archival Sciences	1	0			
Mathematics	64	1	584	675	582
Military Sciences	37	0	570	595	543
Philosophy, Religion, or Theology	38	1	634	588	607
Physical Sciences	175	2	611	638	582
Public Affairs and Services	125	2	546	540	527
Social Sciences and History	788	10	596	574	571
Technical and Vocational	44	1	496	523	460
Undecided	147	2	575	599	556
Degree-Level Goal					
Certificate Program	31	0	507	554	491
Associate Degree	31	0	467	512	455
Bachelor's Degree	1,741	18	529	540	513
Master's Degree	3,177	33	566	585	552
Doctoral or Related Degree	2,879	30	593	607	581
Other	20	0	461	509	464
Undecided	1,684	18	577	587	563
Plans for Advanced Standing in College Courses					
Art	349	4	561	557	541
Biology	1,779	21	611	629	600
Chemistry	1,783	21	615	652	604
Computer Science	344	4	614	648	595
English	3,536	42	617	615	604
Foreign Languages	2,019	24	619	631	612
Humanities	439	5	622	619	607
Mathematics	3,461	41	609	650	598
Music	371	4	572	575	564
Physics	1,294	15	620	670	609
Social Studies	2,797	33	620	621	605
None of These	2,174	26	509	517	493

College Plans

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

Of the 10,749 students from your state who participated in the SAT Program, 8,544 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 1,495 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	4,706	55.1
MICHIGAN STATE UNIVERSITY	MI	Public	3,763	44.0
WESTERN MICHIGAN UNIVERSITY	MI	Public	1,044	12.2
GRAND VALLEY STATE UNIVERSITY	MI	Public	854	10.0
NORTHWESTERN UNIVERSITY	IL	Private	805	9.4
EASTERN MICHIGAN UNIVERSITY	MI	Public	757	8.9
CENTRAL MICHIGAN UNIVERSITY	MI	Public	723	8.5
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	656	7.7
WAYNE STATE UNIVERSITY	MI	Public	642	7.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	606	7.1
YALE UNIVERSITY	CT	Private	522	6.1
NEW YORK UNIVERSITY	NY	Private	508	5.9
STANFORD UNIVERSITY	CA	Private	497	5.8
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	478	5.6
CORNELL UNIVERSITY	NY	Private	445	5.2
PRINCETON UNIVERSITY	NJ	Private	437	5.1
KALAMAZOO COLLEGE	MI	Private	424	5.0
MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	Public	423	5.0
UNIVERSITY OF NOTRE DAME	IN	Private	411	4.8
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	400	4.7
DUKE UNIVERSITY	NC	Private	398	4.7
UNIVERSITY OF CHICAGO	IL	Private	396	4.6
OAKLAND UNIVERSITY	MI	Public	355	4.2
ALBION COLLEGE	MI	Private	349	4.1
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	348	4.1
UNIVERSITY OF MICHIGAN DEARBORN	MI	Public	324	3.8
FERRIS STATE UNIVERSITY	MI	Public	308	3.6
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	303	3.5
WASHINGTON UNIVERSITY	MO	Private	295	3.5
HOPE COLLEGE	MI	Private	282	3.3
BROWN UNIVERSITY	RI	Private	278	3.3
BOSTON UNIVERSITY	MA	Private	274	3.2
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	255	3.0
MIAMI UNIVERSITY OXFORD	OH	Public	243	2.8
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	230	2.7
GEORGETOWN UNIVERSITY	DC	Private	227	2.7
LOYOLA UNIVERSITY CHICAGO	IL	Private	226	2.6
JOHNS HOPKINS UNIVERSITY	MD	Private	222	2.6
UNIVERSITY OF WISCONSIN MADISON	WI	Public	221	2.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	220	2.6
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	218	2.6
CARNEGIE MELLON UNIVERSITY	PA	Private	205	2.4
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	201	2.4
DARTMOUTH COLLEGE	NH	Private	196	2.3
OBERLIN COLLEGE	OH	Private	185	2.2

*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.

Areas Served by College Board Regional Offices



National Office

45 Columbus Avenue
New York, NY 10023-6992
212 713-8000
212 713-8255 (Fax)

Middle States Regional Office

Two Bala Plaza, Suite 900
Bala Cynwyd, PA 19004-1501
866 392-3019
610 227-2580 (Fax)

Midwestern Regional Office

6111 N. River Road, Suite 550
Rosemont, IL 60018-5158
866 392-4086
847 653-4528 (Fax)

New England Regional Office

470 Totten Pond Road
Waltham, MA 02451-1982
866 392-4089
781 663-2743 (Fax)

Southern Regional Office

3700 Crestwood Parkway NW, Suite 700
Duluth, GA 30096-7155
866 392-4088
770 225-4062 (Fax)

Southwestern Regional Office

4330 South MoPac Expressway, Suite 200
Austin, TX 78735-6735
866 392-3017
512 721-1841 (Fax)

Western Regional Office

2099 Gateway Place, Suite 550
San Jose, CA 95110-1051
866 392-4078
408 367-1459 (Fax)

Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501
San Juan, PR 00918-1017
Mailing address:
P.O. Box 71101
San Juan, PR 00936-8001
787 772-1200
787 759-8629 (Fax - Reception area)
787 764-4306 (Fax - Director's office)

International Education Office

1233 20th Street NW, Suite 600
Washington, DC 20036-2375
202 741-4700
202 741-4745 (Fax)

Washington Office

1233 20th Street NW, Suite 600
Washington, DC 20036-2375
202 741-4700
202 741-4743 (Fax)

Florida Office

1545 Raymond Diehl Road, Suite 250
Tallahassee, FL 32308-1500
850 521-4900
850 521-4921 (Fax)

New York State Office

122 South Swan Street
Albany, NY 12210-1715
518 472-1515
518 472-1516 (Fax)

Sacramento Office

915 L Street, Suite 1200
Sacramento, CA 95814-3705
916 444-6262
916 444-2868 (Fax)