



2008 College-Bound Seniors

State Profile Report

OHIO

Included in this Report

SAT Reasoning Test™ Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT Reasoning Test™ (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2008* includes students who tested through March 2008.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2008 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors;
- study changes over time in the characteristics of students taking SAT tests; and
- look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- interpreting SAT Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT Reasoning Test mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at www.collegeboard.com.

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the percentile point, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the median and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200–800 scale.

Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

The College Board: Connecting Students to College Success

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment, and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities, and concerns.

A note about changes to the SAT Questionnaire:

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

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494

NOTE: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2008, all scores are reported on the recentered scale.

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SAT Reasoning Test™ Data

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

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Total	32,723	534	103	544	106	521	102	52.3	10.4	7.3	1.6

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Male	15,387	538	105	564	106	516	102	52.0	10.3	7.1	1.6
Female	17,296	530	101	526	102	526	102	52.6	10.4	7.4	1.5
No Response**	40	428	111	438	100	430	93	42.8	9.8	6.6	1.4

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

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

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Senior (2007-2008)	16,607	527	103	534	108	511	102	51.4	10.4	7.2	1.6
Junior (2006-2007)	15,939	542	102	554	103	531	101	53.2	10.3	7.4	1.5
Sophomore (2005-2006)	145	526	97	538	91	496	95	50.2	9.8	7.1	1.5
Freshman (2004-2005)	32	508	87	532	102	462	83	47.3	7.4	6.3	1.7
Total	32,723	534	103	544	106	521	102	52.3	10.4	7.3	1.6

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Total Group	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 32,723 students in this report, 32,710 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

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

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

SAT Reasoning Test Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	600	620	590	580	590	570
50th	530	550	520	500	510	490
25th	470	470	450	420	430	420

Table 6: Score Distributions

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	379	315	694	642	290	932	205	341	546
700–740	667	633	1,301	927	562	1,489	464	592	1,056
650–690	1,310	1,304	2,615	2,131	1,419	3,551	1,056	1,271	2,328
600–640	2,330	2,299	4,630	2,461	2,119	4,582	1,625	2,003	3,628
550–590	2,565	2,880	5,448	2,853	3,104	5,960	2,531	2,989	5,524
500–540	2,865	3,446	6,315	2,423	3,193	5,620	2,878	3,316	6,198
450–490	2,428	2,972	5,406	1,818	2,859	4,684	2,814	3,054	5,873
400–440	1,558	1,985	3,552	1,210	2,063	3,283	2,043	2,126	4,182
350–390	812	927	1,745	578	1,057	1,642	1,079	1,032	2,119
300–340	281	352	638	233	429	664	480	400	881
250–290	114	137	253	74	141	217	148	119	271
200–240	78	46	126	37	60	99	54	50	104

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	22,286	74	46	54	529	543	514
Religiously Affiliated	6,933	23	51	49	547	548	539
Independent	1,036	3	50	50	598	608	600
Other or Unknown	2,468						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	32,189	98	535	103	544	106	521	102
Nonstandard Conditions	534	2	504	110	519	122	497	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	110	0	488	96	501	104	474	96
Asian, Asian American, or Pacific Islander	1,390	4	547	125	612	114	545	123
Black or African American	3,032	9	449	98	439	97	436	93
Mexican or Mexican American	150	0	529	105	518	107	508	108
Puerto Rican	231	1	486	100	471	104	467	97
Other Hispanic, Latino, or Latin American	322	1	516	107	518	106	504	107
White	25,639	78	544	96	554	97	531	96
Other	851	3	526	115	528	114	512	113
No Response	998	3	537	118	538	114	522	114
Total	32,723	100	534	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	52	0	492	96	514	113	471	101
Asian, Asian American, or Pacific Islander	689	2	546	126	626	117	537	123
Black or African American	1,182	4	452	104	455	105	433	97
Mexican or Mexican American	80	0	543	108	534	106	521	104
Puerto Rican	101	0	498	107	497	107	471	99
Other Hispanic, Latino, or Latin American	151	0	514	118	530	113	495	108
White	12,212	37	548	98	573	98	524	96
Other	391	1	530	120	549	117	507	116
No Response	529	2	534	120	556	110	515	112
Total	15,387	47	538	105	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	57	0	484	97	489	95	477	92
Asian, Asian American, or Pacific Islander	700	2	549	123	598	110	553	122
Black or African American	1,838	6	449	93	429	91	438	90
Mexican or Mexican American	70	0	513	99	501	104	494	110
Puerto Rican	130	0	477	94	451	97	463	95
Other Hispanic, Latino, or Latin American	170	1	518	96	508	98	512	105
White	13,408	41	542	94	538	94	537	95
Other	459	1	522	111	509	107	516	109
No Response	464	1	541	116	518	116	531	115
Total	17,296	53	530	101	526	102	526	102

Demographic Information

SAT Reasoning Test: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	32,723	100	534	103	544	106	521	102
First Language Learned								
English	28,183	91	534	100	541	103	520	99
English and Another	1,920	6	510	105	530	114	502	108
Another Language	928	3	501	126	570	121	506	119
No Response	1,692							
Citizenship								
U.S. Citizen / U.S. National	30,019	98	533	100	541	104	519	99
U.S. Permanent Resident or Refugee	433	1	508	128	555	129	512	123
Citizen of Another Country	260	1	449	114	588	113	470	109
Other, Unknown, or No Response	2,011							
Disabling Condition								
Yes	2,059	6	511	108	512	107	489	104
Unknown or No Response	30,664							
Plans to Apply for Financial Aid								
Yes	21,571	74	530	102	536	105	515	100
No	2,313	8	539	95	557	101	531	98
Don't Know	5,402	18	538	99	555	100	526	99
Family Income								
\$0 - \$20,000	1,178	5	457	107	457	114	443	103
\$20,000–\$40,000	2,348	10	491	103	493	108	475	100
\$40,000–\$60,000	3,174	14	517	100	521	100	502	99
\$60,000–\$80,000	3,974	18	530	98	536	98	515	94
\$80,000–\$100,000	3,627	16	536	96	545	99	520	95
\$100,000–\$120,000	3,010	13	540	94	557	98	527	92
\$120,000–\$140,000	1,436	6	545	94	557	97	531	92
\$140,000–\$160,000	1,044	5	545	94	561	95	533	95
\$160,000–\$200,000	1,090	5	547	94	562	95	537	93
More than \$200,000	1,726	8	559	95	574	96	550	96
No Response	10,116							
Highest Level of Parental Education								
No High School Diploma	308	1	427	105	445	117	421	100
High School Diploma	6,876	23	490	96	496	100	475	93
Associate Degree	2,396	8	501	94	509	99	484	92
Bachelor's Degree	10,604	35	537	94	548	97	523	93
Graduate Degree	9,761	33	568	98	578	99	556	97
Took the PSAT/NMSQT®								
Yes, As a Junior	11,165	39	527	96	537	99	514	94
Yes, As a Sophomore or Younger	4,666	16	519	98	529	101	504	96
Yes, As a Junior and As a Sophomore or Younger	8,699	31	570	97	579	100	561	96
No	3,924	14	485	98	495	103	465	93

Academic Information

Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	6,321	36	43	57	599	617	590
Second Tenth	4,583	26	44	56	536	551	524
Second Fifth	3,465	20	49	50	506	518	490
Final Three Fifths	3,278	19	52	48	464	468	447
No Response	15,076						

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)	3,047	10	40	60	609	626	601
A (93–96)	7,312	24	39	61	576	592	568
A- (90–92)	6,024	20	44	56	545	556	531
B (80–89)	11,726	38	51	49	496	502	481
C (70–79)	2,338	8	62	38	449	448	425
D, E, or F (below 70)	70	0	70	27	431	433	409
No Response	2,206						
Mean Grade Point Average	All Students: 3.47		Male: 3.38		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	3.79	3.90	3.85
English and Language Arts	4.0	4.0	4.0	3.33	3.57	3.46
Foreign and Classical Languages	3.0	3.3	3.2	3.23	3.49	3.37
Mathematics	4.0	4.0	4.0	3.31	3.34	3.32
Natural Sciences	3.8	3.7	3.7	3.36	3.41	3.38
Social Sciences and History	3.6	3.6	3.6	3.48	3.54	3.51
Total for All Subjects	20.6	21.2	20.9			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	1,587	6	39	61	562	564	548
4 Years	23,615	85	47	53	535	546	522
3 Years	2,354	8	44	56	496	501	482
2 Years	154	1	47	53	468	486	457
1 Year	29	0	38	59	457	490	474
1/2 Year or Less	15	0	60	40	404	435	430
No Response	4,969						
Course Work or Experience							
English/Language Arts	25,697	96	45	54	534	543	521
Journalism	3,071	11	37	63	537	530	528
Creative Writing	6,723	25	43	57	528	524	515
American Literature	16,793	63	45	54	540	547	527
Composition/Writing	10,213	38	46	54	534	538	520
British Literature	9,810	37	45	55	552	555	538
World Literature	8,773	33	44	56	541	544	527
Communications	2,898	11	49	51	526	530	513
Public Speaking	7,780	29	47	53	542	549	530
English As Second Language	571	2	48	52	456	525	460
AP®/Honors Courses	10,753	39	39	61	587	588	575

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	4,512	16	50	50	568	609	555
4 Years	18,982	68	46	53	534	541	521
3 Years	4,118	15	41	59	495	481	476
2 Years	170	1	44	55	463	451	452
1 Year	15	0	27	73	384	415	402
1/2 Year or Less	18	0	50	50	414	404	411
No Response	4,908						
Highest Level of Mathematics Achieved*							
Calculus	9,396	34	51	49	584	620	573
Pre-calculus	9,028	33	43	57	528	536	516
Trigonometry	2,743	10	45	55	505	501	491
Algebra II	5,604	20	42	58	482	464	466
Algebra I	658	2	45	54	447	411	420
AP/Honors Courses	10,136	36	47	53	584	614	573

*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	2,743	10	49	51	575	605	560
4 Years	16,203	58	47	53	539	549	526
3 Years	7,929	29	44	56	512	513	498
2 Years	636	2	52	48	488	487	472
1 Year	128	0	41	59	480	477	463
1/2 Year or Less	67	0	39	61	436	450	434
No Response	5,017						
Course Work or Experience							
Biology	26,859	98	46	54	534	543	520
Chemistry	25,197	92	46	54	538	549	525
Physics	16,152	59	52	48	552	571	538
Geology, Earth, or Space Science	15,023	55	45	55	518	524	503
Other Sciences	11,165	41	40	60	529	532	515
AP/Honors Courses	9,433	34	46	54	587	606	575

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	1,587	6	46	54	567	570	550
4 Years	15,172	55	47	53	542	548	528
3 Years	9,892	36	45	55	520	535	507
2 Years	875	3	46	53	491	504	479
1 Year	108	0	48	52	468	496	461
1/2 Year or Less	63	0	37	63	434	442	441
No Response	5,026						
Course Work or Experience							
U.S. History	25,694	94	46	54	535	545	522
World History or Cultures	22,695	83	46	54	534	544	521
U.S. Government or Civics	23,310	86	46	54	534	544	520
Economics	9,353	34	48	52	537	549	523
Geography	3,305	12	48	52	516	520	501
Psychology	9,717	36	37	63	537	539	523
European History	6,816	25	48	52	560	561	545
Sociology	5,331	20	40	60	521	526	507
Ancient History	3,516	13	52	48	542	543	525
Other Courses	5,647	21	44	56	533	538	519
AP/Honors Courses	9,452	34	44	56	589	594	576

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	2,002	7	36	64	588	601	582
4 Years	8,773	32	41	58	568	575	558
3 Years	9,899	36	46	53	531	544	516
2 Years	5,915	21	55	45	485	493	466
1 Year	743	3	50	50	448	447	424
1/2 Year or Less	425	2	61	39	428	437	405
No Response	4,966						
Course Work or Experience							
Chinese	256	1	44	55	547	579	537
French	5,807	21	36	64	545	546	530
German	2,139	8	59	41	549	560	525
Greek	108	0	61	39	595	565	570
Hebrew	96	0	40	60	572	562	574
Italian	301	1	42	58	535	538	525
Japanese	215	1	46	54	550	573	526
Korean	38	0	50	50	510	587	515
Latin	2,999	11	53	47	575	574	555
Russian	109	0	60	40	547	559	534
Spanish	17,998	66	45	54	526	537	514
Other Languages	720	3	37	63	483	495	470
AP/Honors Courses	5,454	20	40	60	596	605	589

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	1,732	6	37	63	558	562	541
4 Years	6,786	25	38	62	550	552	536
3 Years	3,587	13	38	61	527	529	513
2 Years	5,584	20	47	52	522	532	510
1 Year	7,697	28	54	46	531	550	517
1/2 Year or Less	2,128	8	58	42	509	524	494
No Response	5,209						
Course Work or Experience							
Acting or Play Production	5,346	21	34	66	561	549	546
Art History or Appreciation	5,225	20	44	56	528	530	515
Dance	2,278	9	11	89	530	522	525
Drama: Study or Appreciation	3,690	14	33	67	547	535	534
Music: Study or Appreciation	3,815	15	49	51	547	543	532
Music Performance	11,865	46	41	59	550	554	536
Photography or Film	5,556	21	37	63	533	537	519
Studio Art and Design	7,084	27	40	60	543	547	529
None	3,260	13	60	40	503	525	489
AP/Honors Courses	1,585	6	37	63	580	579	567

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	17,367	67	47	53	536	544	522
Computer Programming	4,417	17	62	38	530	549	512
Word Processing	18,599	72	46	54	535	543	521
Internet Activity	12,965	50	48	52	535	542	520
Using Computer Graphics	8,460	33	55	45	533	547	518
Creating Spreadsheets/Databases	8,988	35	50	50	537	552	523
None	2,800	11	34	66	540	546	531

SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
3,705	9,718	3,282	645	662	639

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	304	8
2	1,264	34
3	1,772	48
4 or More	365	10

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

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	1,426	620	108	1,196	656	90	634	86	647	91
History and Social Studies										
U.S. History	1,552	632	110	1,349	658	86	654	88	651	88
World History	155	614	107	137	661	93	640	86	644	93
Mathematics										
Mathematics Level 1	1,475	617	106	1,235	623	93	647	85	620	94
Mathematics Level 2	1,853	686	93	1,705	657	87	699	69	651	87
Science										
Biology-E	386	618	108	323	649	93	651	87	639	95
Biology-M	493	667	86	461	663	86	680	80	658	85
Chemistry	1,059	654	103	967	657	90	701	75	650	89
Physics	505	668	89	474	650	96	710	70	641	91
Foreign and Classical Languages										
Chinese/Listening	34	762	77	32	577	126	684	66	565	116
French	186	595	105	179	663	85	650	79	659	78
French/Listening	36	588	107	36	652	85	615	64	644	87
German	13	586		13	671		655		663	
German/Listening	20	528		19	666		642		653	
Modern Hebrew	4			4						
Italian	3			3						
Japanese/Listening	11	736		11	617		713		635	
Korean/Listening	15	779		15	528		683		575	
Latin	96	633	93	93	692	71	675	70	680	85
Spanish	334	602	110	321	651	81	658	82	657	83
Spanish/Listening	62	594	108	59	643	78	635	73	651	72

SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	164	12	254	16	16	10
700-740	228	16	256	16	24	15
650-690	294	21	294	19	29	19
600-640	220	15	247	16	21	14
550-590	176	12	164	11	26	17
500-540	138	10	122	8	17	11
450-490	88	6	100	6	9	6
400-440	77	5	71	5	6	4
350-390	28	2	37	2	7	5
300-340	12	1	7	0		
250-290	1	0				
200-240						
Total	1,426		1,552		155	
Mean	620		632		614	
SD	108		110		107	
75th percentile	700		720		700	
50th percentile	640		650		620	
25th percentile	550		560		540	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	109	7	628	34	41	11	88	18	231	22	119	24
700-740	299	20	343	19	59	15	124	25	198	19	85	17
650-690	263	18	286	15	70	18	113	23	180	17	104	21
600-640	265	18	282	15	85	22	77	16	168	16	89	18
550-590	199	13	165	9	50	13	46	9	95	9	52	10
500-540	128	9	82	4	26	7	22	4	82	8	40	8
450-490	78	5	45	2	19	5	13	3	69	7	12	2
400-440	71	5	19	1	21	5	4	1	32	3	4	1
350-390	51	3	2	0	12	3	5	1	4	0		
300-340	12	1	1	0	2	1	1	0				
250-290					1	0						
200-240												
Total	1,475		1,853		386		493		1,059		505	
Mean	617		686		618		667		654		668	
SD	106		93		108		86		103		89	
75th percentile	700		770		700		730		740		740	
50th percentile	630		700		630		680		670		670	
25th percentile	550		620		560		620		590		610	

SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	28	82	19	10	2	6	2	15	1	5	1	25
700-740	1	3	16	9	3	8	1	8	1	5	1	25
650-690	1	3	26	14	6	17	3	23	1	5		
600-640			26	14	7	19	2	15	2	10		
550-590	3	9	36	19	5	14	1	8	2	10		
500-540	1	3	30	16	4	11			3	15	1	25
450-490			21	11	5	14	3	23	5	25		
400-440			6	3	2	6			4	20	1	25
350-390			5	3	2	6			1	5		
300-340			1	1								
250-290												
200-240							1	8				
Total	34		186		36		13		20		4	
Mean	762		595		588		586		528			
SD	77		105		107							
75th percentile	800		670		660				590			
50th percentile	800		580		570				490			
25th percentile	770		510		490				440			

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	33	6	55	14	93	7	7	31	9	7	11
700-740	1	33	4	36			20	21	41	12	5	8
650-690					1	7	25	26	65	19	11	18
600-640							15	16	54	16	4	6
550-590			1	9			13	14	35	10	10	16
500-540							4	4	48	14	15	24
450-490	1	33					7	7	28	8	6	10
400-440							5	5	16	5	2	3
350-390									12	4	1	2
300-340									4	1	1	2
250-290												
200-240												
Total	3		11		15		96		334		62	
Mean			736		779		633		602		594	
SD							93		110		108	
75th percentile							700		690		680	
50th percentile							650		620		570	
25th percentile							570		520		510	

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	101	0	519	508	500
Architecture and Related Services	601	2	525	562	514
Area, Ethnic, Cultural and Gender Studies	22	0	532	521	525
Biological and Biomedical Sciences	1,326	5	564	570	547
Business Management, Marketing, and Related Support Services	3,437	14	508	531	497
Communication, Journalism and Related Programs	1,000	4	543	525	538
Computer and Information Sciences and Support Services	607	2	539	564	505
Construction Trades	18	0	411	464	376
Education	1,864	8	512	513	501
Engineering	2,404	10	557	608	536
Engineering Technologies/Technicians	236	1	492	536	472
English Language and Literature/Letters	373	2	609	547	590
Family and Consumer Sciences/Human Sciences	65	0	506	483	496
Foreign Languages, Literatures, and Linguistics	257	1	588	554	576
Health Professions and Related Clinical Services	4,941	20	517	532	512
History	298	1	580	535	539
Legal Professions and Studies	685	3	545	534	526
Liberal Arts and Sciences, General Studies, and Humanities	218	1	574	548	559
Library Science/Librarianship	5	0	628	516	584
Mathematics and Statistics	242	1	550	632	547
Mechanic and Repair Technologies/Technician	34	0	453	477	416
Military Sciences	45	0	532	520	502
Multi/Interdisciplinary Studies	47	0	594	597	570
Natural Resources and Conservation	108	0	539	528	513
Parks, Recreation, Leisure and Fitness Studies	147	1	486	500	481
Personal and Culinary Services	72	0	467	478	456
Philosophy and Religious Studies	50	0	619	577	586
Physical Sciences	380	2	579	608	549
Precision Production					
Psychology	1,077	4	531	510	517
Public Administration and Social Services Professions	64	0	528	490	504
Security and Protective Services	329	1	488	490	468
Social Sciences	473	2	585	555	563
Theology and Religious Vocations	60	0	551	539	524
Transportation and Materials Moving	9	0	507	487	469
Visual and Performing Arts	1,931	8	542	528	527
Other	250	1	496	500	480
Undecided	884	4	550	564	539
Degree-Level Goal					
Certificate Program	117	0	450	465	435
Associate Degree	158	1	444	440	434
Bachelor's Degree	8,021	27	502	511	488
Master's Degree	9,405	32	535	546	521
Doctoral or Related Degree	6,223	21	563	571	550
Other	82	0	489	487	470
Undecided	5,237	18	544	552	530

College Plans

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

Of the 33,146 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 25,973 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 1,965 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	11,509	44.3
MIAMI UNIVERSITY OXFORD	OH	Public	6,921	26.6
UNIVERSITY OF CINCINNATI	OH	Public	6,089	23.4
OHIO UNIVERSITY ATHENS	OH	Public	5,522	21.3
KENT STATE UNIVERSITY	OH	Public	3,295	12.7
UNIVERSITY OF DAYTON	OH	Private	3,253	12.5
BOWLING GREEN STATE UNIVERSITY	OH	Public	3,184	12.3
CASE WESTERN RESERVE UNIVERSITY	OH	Private	2,487	9.6
UNIVERSITY OF TOLEDO	OH	Public	2,253	8.7
UNIVERSITY OF AKRON	OH	Public	2,202	8.5
XAVIER UNIVERSITY	OH	Private	2,002	7.7
WRIGHT STATE UNIVERSITY DAYTON	OH	Public	1,905	7.3
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	1,318	5.1
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	1,296	5.0
NORTHWESTERN UNIVERSITY	IL	Private	1,287	5.0
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	1,266	4.9
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	1,174	4.5
NCAA ELIGIBILITY CENTER	IA	Public	1,159	4.5
CLEVELAND STATE UNIVERSITY	OH	Public	1,085	4.2
UNIVERSITY OF NOTRE DAME	IN	Private	1,024	3.9
OHIO NORTHERN UNIVERSITY	OH	Private	999	3.8
JOHN CARROLL UNIVERSITY	OH	Private	999	3.8
BALDWIN-WALLACE COLLEGE	OH	Private	971	3.7
NEW YORK UNIVERSITY	NY	Private	889	3.4
LOYOLA UNIVERSITY CHICAGO	IL	Private	877	3.4
CORNELL UNIVERSITY	NY	Private	861	3.3
NORTHERN KENTUCKY UNIVERSITY	KY	Public	844	3.2
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	832	3.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	813	3.1
DUKE UNIVERSITY	NC	Private	715	2.8
DENISON UNIVERSITY	OH	Private	705	2.7
WASHINGTON UNIVERSITY	MO	Private	680	2.6
CARNEGIE MELLON UNIVERSITY	PA	Private	677	2.6
OTTERBEIN COLLEGE	OH	Private	676	2.6
BOSTON UNIVERSITY	MA	Private	671	2.6
CAPITAL UNIVERSITY	OH	Private	667	2.6
VANDERBILT UNIVERSITY	TN	Private	654	2.5
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	642	2.5
WITTENBERG UNIVERSITY	OH	Private	637	2.5
YALE UNIVERSITY	CT	Private	637	2.5
OHIO WESLEYAN UNIVERSITY	OH	Private	631	2.4
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	620	2.4
PRINCETON UNIVERSITY	NJ	Private	618	2.4
BOSTON COLLEGE	MA	Private	596	2.3
GEORGETOWN UNIVERSITY	DC	Private	591	2.3

*Of your students who designated that their SAT Reasoning Test and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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