

Total Group Profile Report

TOTAL GROUP

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 2007* includes students who tested through March 2007.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2007 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 5,200 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. For complete details on the changes please visit www.collegeboard.com/cbs.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2007

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

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 2000–2007, 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 2007. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2007. 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	1,494,531	502	113	515	114	494	109

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	690,500	504	114	533	116	489	110
Female	798,030	502	111	499	110	500	108
No Response**	6,001	406	99	408	98	398	92

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	1,001,667	493	108	505	111	486	106
Junior	485,401	522	118	534	118	511	114
Sophomore	6,339	526	136	549	129	528	130
Freshman	1,124	470	122	506	127		
Total	1,494,531	502	113	515	114	494	109

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 1,494,531 students in this report, 1,491,749 students have scores on the SAT writing section.

**'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 4: Percentiles for 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	Total Group		
	Critical Reading	Mathematics	Writing
75th	580	590	570
50th	500	510	490
25th	430	430	420

Table 5: Score Distributions

SAT Reasoning Test	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	13,647	14,713	28,366	23,281	11,852	35,136	8,418	11,396	19,814
700–749	22,412	23,701	46,128	33,506	20,580	54,108	17,081	22,631	39,725
650–699	42,568	44,755	87,389	69,744	51,128	120,933	36,003	46,570	82,606
600–649	74,280	80,109	154,527	83,701	72,232	156,057	58,517	74,576	133,208
550–599	91,607	104,265	196,175	105,143	108,452	213,880	85,367	107,183	192,780
500–549	114,358	135,515	250,422	112,677	134,149	247,435	110,760	134,581	245,779
450–499	116,308	140,825	258,041	101,896	140,758	243,569	121,769	144,218	266,876
400–449	101,142	124,197	226,543	78,304	123,351	202,883	111,592	123,534	236,343
350–399	60,600	72,474	134,246	46,450	76,934	124,616	78,753	80,110	160,263
300–349	32,107	36,110	69,120	21,944	36,924	59,672	38,467	34,938	74,325
250–299	13,533	13,783	27,768	8,708	13,961	23,083	14,379	11,278	26,090
200–249	7,938	7,583	15,806	5,146	7,709	13,159	7,893	5,734	13,940

Table 6: Type of High School

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,178,753	84	45	54	498	509	488
Religiously Affiliated	153,162	11	49	50	531	526	527
Independent	74,211	5	52	48	546	569	548
Other or Unknown	88,405						

Table 7: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,465,926	98	503	112	515	114	495	109
Nonstandard Conditions	28,605	2	484	120	490	128	477	118

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

Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 8: 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	9,897	1	487	106	494	104	473	100
Asian, Asian American, or Pacific Islander	140,794	9	514	124	578	123	513	121
Black or African American	159,849	11	433	97	429	97	425	93
Mexican or Mexican American	61,240	4	455	99	466	99	450	94
Puerto Rican	19,778	1	459	102	454	103	447	99
Other Hispanic, Latino, or Latin American	87,526	6	459	104	463	104	450	100
White	828,038	55	527	102	534	102	518	100
Other	53,901	4	497	114	512	114	493	110
No Response	133,508	9	480	133	497	126	474	126
Total	1,494,531	100	502	113	515	114	494	109

Table 9: 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	4,588	0	490	107	513	107	468	102
Asian, Asian American, or Pacific Islander	68,564	5	513	124	592	122	506	121
Black or African American	67,274	5	429	98	437	101	414	93
Mexican or Mexican American	26,468	2	459	101	485	102	447	94
Puerto Rican	8,531	1	461	104	472	107	442	100
Other Hispanic, Latino, or Latin American	36,992	2	464	106	484	107	448	101
White	388,044	26	529	103	553	103	511	101
Other	23,545	2	497	116	532	116	486	111
No Response	66,494	4	478	134	512	128	465	126
Total	690,500	46	504	114	533	116	489	110

Table 10: 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	5,255	0	485	104	478	98	478	99
Asian, Asian American, or Pacific Islander	72,109	5	515	124	565	123	519	120
Black or African American	91,262	6	436	95	423	93	433	92
Mexican or Mexican American	34,526	2	453	98	451	94	453	93
Puerto Rican	11,164	1	457	100	441	97	451	97
Other Hispanic, Latino, or Latin American	50,260	3	455	102	448	99	452	99
White	438,511	29	526	101	519	98	524	99
Other	30,203	2	498	112	496	110	499	108
No Response	64,740	4	485	132	485	122	486	124
Total	798,030	53	502	111	499	110	500	108

Demographic Information

SAT Reasoning Test: Student Background Information and Characteristics

Table 11: 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	1,494,531	100	502	113	515	114	494	109
First Language Learned								
English	1,076,637	77	514	107	518	109	504	105
English and Another	204,603	15	486	114	509	122	482	111
Another Language	125,064	9	470	121	522	132	470	118
No Response	88,227							
Citizenship								
U.S. Citizen / U.S. National	1,242,592	92	509	109	515	111	500	106
U.S. Permanent Resident or Refugee	43,944	3	462	125	506	131	461	122
Citizen of Another Country	58,689	4	492	123	572	128	496	116
Other, Unknown, or No Response	149,306							
Disabling Condition								
Yes	82,292	6	486	113	488	113	470	108
Unknown or No Response	1,412,239							
Plans to Apply for Financial Aid								
Yes	932,288	71	501	110	508	112	491	106
No	99,366	8	530	109	548	111	527	109
Don't Know	289,628	22	516	110	532	112	508	108
Family Income								
Less than \$10,000	40,610	4	427	107	451	122	423	104
\$10,000–\$20,000	72,745	8	453	106	472	113	446	102
\$20,000–\$30,000	61,244	6	454	102	465	107	444	97
\$30,000–\$40,000	83,685	9	476	103	485	106	466	98
\$40,000–\$50,000	75,836	8	489	103	496	105	477	99
\$50,000–\$60,000	80,060	8	497	102	504	104	486	98
\$60,000–\$70,000	75,763	8	504	102	511	103	493	98
\$70,000–\$80,000	81,627	9	508	101	516	103	498	98
\$80,000–\$100,000	130,752	14	520	102	529	104	510	100
More than \$100,000	245,025	26	544	105	556	107	537	103
No Response	547,184							
Highest Level of Parental Education								
No High School Diploma	58,259	4	421	98	445	107	418	93
High School Diploma	413,137	31	466	98	476	102	457	94
Associate Degree	113,958	9	484	95	492	98	473	92
Bachelor's Degree	398,895	30	522	103	533	105	513	100
Graduate Degree	353,262	26	560	109	569	111	552	107
Took the PSAT/NMSQT®								
Yes, As a Junior	379,256	31	503	106	511	107	494	102
Yes, As a Sophomore or Younger	250,617	20	506	107	515	111	496	105
Yes, As a Junior and As a Sophomore or Younger	343,222	28	543	106	550	107	537	104
No	256,991	21	470	110	486	117	459	105

Academic Information

Academic Record

Table 12: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Top Tenth	245,528	32	43	57	580	602	575
Second Tenth	204,879	26	45	55	516	534	508
Second Fifth	155,135	20	48	51	484	497	474
Final Three Fifths	173,587	22	50	49	444	450	434
No Response	715,402						

Table 13: 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)	91,606	7	40	60	604	620	599
A (93–96)	250,909	18	39	61	565	581	559
A- (90–92)	250,785	18	42	58	534	550	528
B (80–89)	623,119	45	48	52	478	486	469
C (70–79)	150,037	11	58	42	424	427	411
D, E, or F (below 70)	4,953	0	61	38	403	412	388
No Response	123,122						
Mean Grade Point Average	All Students: 3.33		Male: 3.24		Female: 3.40		

Table 14: 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	1.8	2.2	2.0	3.70	3.84	3.78
English	3.9	3.9	3.9	3.22	3.43	3.33
Foreign and Classical Languages	2.7	2.9	2.8	3.16	3.40	3.30
Mathematics	3.9	3.8	3.8	3.14	3.14	3.14
Natural Sciences	3.6	3.5	3.5	3.23	3.27	3.25
Social Sciences and History	3.6	3.6	3.6	3.37	3.41	3.39
Total for All Subjects	19.5	19.9	19.6			

Table 15: 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	645,076	56	42	58	542	551	534
19 or 19.5 Years	135,210	12	49	51	496	507	486
18 or 18.5 Years	118,250	10	48	52	479	490	469
17 or 17.5 Years	84,621	7	47	52	465	473	454
16 or 16.5 Years	61,545	5	47	52	457	466	447
15 or 15.5 Years	45,053	4	48	52	452	461	442
Less than 15 Years	71,920	6	49	50	435	451	427
Incomplete Response	332,856						

Academic Information

Course-Taking Patterns

Table 16: 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	84,890	7	43	57	527	540	520	
4 Years	967,610	78	46	54	513	523	505	
3 Years	162,104	13	44	55	469	478	461	
2 Years	18,060	1	48	51	468	493	462	
1 Year	4,410	0	48	51	444	470	439	
1/2 Year or Less	3,461	0	52	47	433	468	428	
No Response	253,996							
Course Work or Experience								
American Literature	886,626	88	45	55	522	529	513	
Composition	662,601	66	45	55	530	536	521	
British Literature	415,281	41	44	56	541	543	531	
World Literature*	338,248	33	44	56	532	536	523	
English As Second Language	60,537	6	44	56	443	508	445	
AP®/Honors Courses	498,476	40	39	61	565	565	556	

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	150,904	12	49	50	542	581	534	
4 Years	777,332	63	46	54	516	526	508	
3 Years	284,314	23	42	58	472	467	461	
2 Years	24,044	2	45	54	460	461	451	
1 Year	3,748	0	48	50	438	455	433	
1/2 Year or Less	3,362	0	48	51	430	450	425	
No Response	250,827							
Course Work or Experience								
Algebra	1,191,840	96	45	55	507	516	498	
Geometry	1,152,993	93	45	55	507	516	498	
Trigonometry	551,093	45	47	53	535	555	528	
Precalculus	651,679	53	46	53	545	569	538	
Calculus	370,605	30	50	50	571	607	565	
Other Math Courses	278,648	23	44	56	510	521	501	
AP/Honors Courses	408,197	33	46	54	570	597	562	

*The SAT Questionnaire was revised in July 2006 to more accurately reflect course titles that students are familiar with. Prior to July 2006, this course was labeled 'Literature, Other Country.' Users should exercise caution when comparing data for this course to last year's and next year's cohorts as it reflects responses to both labels depending on when a student filled out the SAT Questionnaire.

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	99,136	8	48	52	550	580	541
4 Years	598,521	49	46	53	526	537	517
3 Years	431,433	35	43	57	485	490	476
2 Years	76,779	6	46	53	467	474	459
1 Year	16,567	1	46	53	450	463	441
1/2 Year or Less	10,360	1	42	57	424	443	420
No Response	261,735						
Course Work or Experience							
Biology	1,195,783	97	45	55	509	519	500
Chemistry	1,094,031	89	45	55	516	527	507
Physics	667,272	54	50	50	534	555	526
Geology, Earth, or Space Science	599,397	49	46	54	495	501	485
Other Sciences	501,951	41	41	59	504	509	495
AP/Honors Courses	398,710	32	44	56	572	588	563
Social Sciences and History							
Years of Study							
More Than 4 Years	85,049	7	45	55	541	550	530
4 Years	686,486	56	46	54	519	525	510
3 Years	377,039	30	44	56	490	503	482
2 Years	69,696	6	47	52	472	495	465
1 Year	11,288	1	47	53	451	480	447
1/2 Year or Less	6,903	1	48	51	430	471	429
No Response	258,070						
Course Work or Experience							
U.S. History	1,162,645	94	45	55	509	517	500
World History or Cultures	1,030,929	83	45	55	510	520	502
U.S. Government or Civics	858,776	70	44	55	510	517	500
Economics	588,748	48	44	55	508	521	499
Geography	397,531	32	44	55	497	509	489
Psychology	339,632	28	35	65	524	525	516
European History	286,860	23	47	53	546	550	536
Sociology	159,025	13	37	62	507	509	498
Ancient History	158,985	13	48	51	521	528	512
Other Courses	232,867	19	44	56	522	528	513
AP/Honors Courses	452,007	37	43	57	568	572	558

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	68,426	6	38	62	565	579	562
4 Years	285,031	23	41	59	559	567	555
3 Years	386,482	31	44	55	515	526	507
2 Years	385,054	31	49	51	475	483	462
1 Year	65,108	5	50	49	442	451	428
1/2 Year or Less	43,489	4	55	44	422	442	409
No Response	260,941						
Course Work or Experience							
Chinese	22,034	2	48	52	535	611	531
French	236,772	19	38	62	530	532	520
German	60,538	5	55	45	537	544	519
Greek	5,241	0	50	50	555	550	546
Hebrew	9,398	1	45	55	564	569	562
Italian	28,675	2	43	57	504	509	500
Japanese	22,831	2	51	49	534	563	518
Korean	5,745	0	48	52	504	600	513
Latin	86,385	7	48	52	564	562	552
Russian	7,943	1	45	55	514	529	509
Spanish	869,864	70	45	55	503	512	495
Other Languages	42,749	3	41	58	484	510	479
AP/Honors Courses	254,455	21	39	61	578	586	574

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	61,851	5	38	62	534	541	525
4 Years	221,509	18	37	62	540	540	532
3 Years	143,180	12	38	62	513	516	504
2 Years	225,460	19	44	56	506	515	498
1 Year	338,727	28	49	50	499	515	491
1/2 Year or Less	212,989	18	53	47	482	499	472
No Response	290,815						
Course Work or Experience							
Acting or Play Production	199,990	18	34	65	539	527	528
Art History or Appreciation	209,161	19	42	58	512	514	504
Dance	131,831	12	11	89	497	496	496
Drama: Study or Appreciation	162,928	15	33	67	523	514	514
Music: Study or Appreciation	158,427	15	47	53	534	533	524
Music Performance	390,286	36	40	60	528	533	519
Photography or Film	207,403	19	38	61	518	519	509
Studio Art and Design	254,485	24	39	61	521	525	512
None	204,770	19	57	43	473	493	463
AP/Honors Courses	88,948	7	38	62	573	573	564
Computers							
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	726,928	64	46	54	512	521	503
Computer Programming	205,114	18	57	42	507	529	497
Word Processing	774,952	69	45	55	512	520	502
Internet Activity	566,990	50	46	54	515	524	506
Using Computer Graphics	346,080	31	51	48	514	527	504
Creating Spreadsheets/Databases	381,952	34	47	53	518	531	509
None	150,296	13	38	61	512	520	506

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
286,523	744,088	272,397	593	616	591

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	23,254	8
2	112,378	39
3	118,291	41
4 or More	32,600	11

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										
Writing*	939	597	121	827	626	115	648	110	632	110
Literature	120,370	581	111	113,991	601	111	587	104	596	106
History and Social Studies										
U.S. History	125,979	588	111	120,809	607	106	607	104	601	104
World History	14,762	589	118	13,982	617	112	608	108	605	108
Mathematics										
Mathematics Level 1	96,134	596	103	89,863	580	112	611	99	583	107
Mathematics Level 2	143,620	639	106	138,538	601	112	652	100	602	106
Science										
Biology-E	33,599	589	106	31,823	596	111	614	103	594	105
Biology-M	40,235	630	103	38,802	619	112	648	95	620	102
Chemistry	58,133	630	111	55,729	616	111	668	96	615	104
Physics	34,623	647	105	32,966	610	119	685	90	608	106
Foreign and Classical Languages										
Chinese/Listening	6,542	764	62	6,296	557	135	664	95	560	127
French	11,860	615	118	11,416	637	101	630	95	639	96
French/Listening	2,993	618	113	2,923	635	95	623	88	636	89
German	860	604	127	805	632	98	644	97	631	93
German/Listening	1,039	582	122	990	636	96	632	89	632	90
Modern Hebrew	546	635	142	506	622	98	634	98	631	90
Italian	597	657	119	568	596	98	591	92	599	93
Japanese/Listening	1,733	687	127	1,680	573	121	648	94	572	111
Korean/Listening	4,176	757	66	3,975	535	116	655	98	557	109
Latin	3,063	617	107	3,004	678	85	669	82	673	79
Spanish	34,491	632	124	33,095	574	120	579	116	580	117
Spanish/Listening	7,794	644	118	7,609	558	120	558	114	560	117

*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; 2007 is the last year for which scores for the SAT Subject Test in Writing will be reported.

SAT Subject Tests Score Distributions

Table 22: 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	115	12	7,059	6	9,503	8	1,589	11
700–749	125	13	14,278	12	14,661	12	1,583	11
650–699	117	12	17,822	15	18,473	15	1,929	13
600–649	132	14	17,389	14	19,343	15	2,056	14
550–599	128	14	17,863	15	18,113	14	2,122	14
500–549	114	12	16,731	14	17,197	14	1,808	12
450–499	86	9	13,265	11	14,292	11	1,729	12
400–449	70	7	9,649	8	8,861	7	1,228	8
350–399	42	4	4,938	4	4,439	4	640	4
300–349	10	1	1,316	1	1,021	1	77	1
250–299			60	0	76	0	1	0
200–249								
Total	939		120,370		125,979		14,762	
Mean	597		581		588		589	
SD	121		111		111		118	
75th percentile	700		670		680		680	
50th percentile	600		590		590		590	
25th percentile	510		500		500		500	

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	4,423	5	30,349	21	1,932	6	5,124	13	10,489	18	7,300	21
700–749	13,487	14	19,165	13	3,455	10	6,897	17	8,974	15	5,619	16
650–699	16,479	17	19,019	13	5,616	17	7,709	19	8,809	15	5,904	17
600–649	18,950	20	23,826	17	6,201	18	6,964	17	8,203	14	5,199	15
550–599	14,152	15	21,180	15	5,361	16	5,458	14	7,377	13	4,240	12
500–549	11,412	12	15,839	11	4,483	13	3,491	9	5,882	10	2,915	8
450–499	7,740	8	9,608	7	3,160	9	2,326	6	4,780	8	2,028	6
400–449	5,623	6	3,497	2	1,838	5	1,265	3	2,868	5	1,289	4
350–399	2,979	3	983	1	1,031	3	694	2	739	1	127	0
300–349	835	1	154	0	460	1	269	1	12	0	2	0
250–299	53	0			57	0	33	0				
200–249	1	0			5	0	5	0				
Total	96,134		143,620		33,599		40,235		58,133		34,623	
Mean	596		639		589		630		630		647	
SD	103		106		106		103		111		105	
75th percentile	670		730		670		710		720		730	
50th percentile	610		640		600		640		640		660	
25th percentile	530		560		520		560		550		570	

SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	5,176	79	1,994	17	502	17	161	19	131	13	156	29
700–749	604	9	1,442	12	367	12	100	12	123	12	63	12
650–699	332	5	1,646	14	397	13	83	10	92	9	68	12
600–649	217	3	1,622	14	440	15	102	12	125	12	48	9
550–599	99	2	1,614	14	429	14	104	12	137	13	62	11
500–549	60	1	1,411	12	372	12	108	13	153	15	53	10
450–499	40	1	1,064	9	285	10	98	11	129	12	35	6
400–449	10	0	741	6	143	5	68	8	90	9	20	4
350–399	4	0	284	2	52	2	27	3	30	3	23	4
300–349			40	0	6	0	8	1	25	2	9	2
250–299			2	0			1	0	4	0	6	1
200–249											3	1
Total	6,542		11,860		2,993		860		1,039		546	
Mean	764		615		618		604		582		635	
SD	62		118		113		127		122		142	
75th percentile	800		710		710		710		680		780	
50th percentile	790		620		620		600		570		660	
25th percentile	760		530		530		500		490		540	

Table 25: Foreign and Classical Languages (continued)

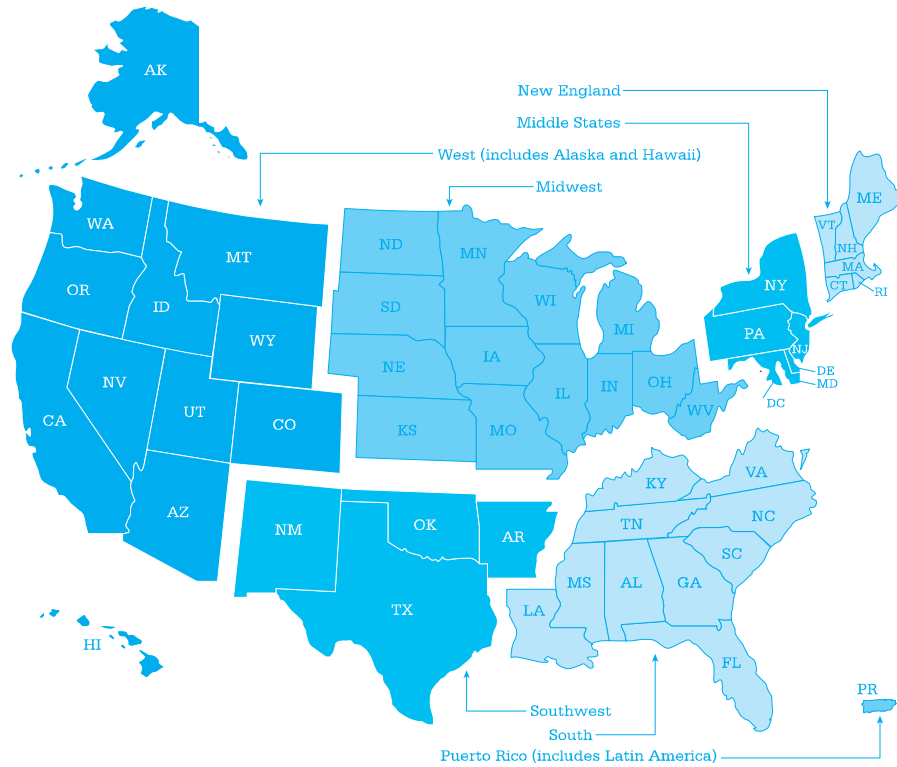
SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	163	27	852	49	3,171	76	424	14	7,456	22	2,042	26
700–749	118	20	237	14	414	10	460	15	5,585	16	1,086	14
650–699	92	15	131	8	273	7	471	15	4,684	14	1,280	16
600–649	67	11	91	5	145	3	405	13	4,184	12	952	12
550–599	50	8	87	5	87	2	429	14	3,689	11	745	10
500–549	37	6	149	9	48	1	396	13	3,278	10	658	8
450–499	30	5	81	5	27	1	315	10	2,601	8	485	6
400–449	16	3	56	3	7	0	140	5	1,566	5	283	4
350–399	14	2	31	2	2	0	20	1	962	3	193	2
300–349	10	2	15	1	2	0	3	0	389	1	57	1
250–299			3	0					93	0	12	0
200–249									4	0	1	0
Total	597		1,733		4,176		3,063		34,491		7,794	
Mean	657		687		757		617		632		644	
SD	119		127		66		107		124		118	
75th percentile	750		790		800		700		740		750	
50th percentile	690		740		790		620		650		660	
25th percentile	590		600		750		530		540		560	

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	6,208	1	476	480	463
Architecture and Related Services	25,145	3	492	535	486
Area, Ethnic, Cultural and Gender Studies	939	0	547	514	533
Biological and Biomedical Sciences	56,877	6	540	552	531
Business Management, Marketing, and Related Support Services	150,060	15	485	510	479
Communication, Journalism and Related Programs	35,440	4	523	501	519
Computer and Information Sciences and Support Services	33,965	3	505	533	481
Construction Trades	972	0	415	447	402
Education	79,090	8	480	483	476
Engineering	82,389	8	524	579	510
Engineering Technologies/Technicians	6,954	1	451	491	435
English Language and Literature/Letters	17,402	2	596	536	581
Family and Consumer Sciences/Human Sciences	3,144	0	463	464	458
Foreign Languages, Literatures, and Linguistics	8,222	1	581	549	569
Health Professions and Related Clinical Services	186,613	19	487	498	484
History	10,956	1	556	518	528
Legal Professions and Studies	21,251	2	516	505	504
Liberal Arts and Sciences, General Studies, and Humanities	5,433	1	531	509	516
Library Science/Librarianship	361	0	592	517	544
Mathematics and Statistics	9,041	1	533	614	529
Mechanic and Repair Technologies/Technician	3,937	0	423	449	405
Military Sciences	4,409	0	517	524	492
Multi/Interdisciplinary Studies	2,982	0	582	584	570
Natural Resources and Conservation	3,078	0	499	502	481
Parks, Recreation, Leisure and Fitness Studies	2,699	0	449	462	437
Personal and Culinary Services	3,454	0	444	440	432
Philosophy and Religious Studies	3,530	0	563	538	541
Physical Sciences	16,037	2	560	589	545
Precision Production	236	0	442	462	409
Psychology	38,310	4	506	488	496
Public Administration and Social Services Professions	5,599	1	497	480	488
Security and Protective Services	18,535	2	455	457	444
Social Sciences	25,681	3	569	544	551
Theology and Religious Vocations	2,404	0	541	524	521
Transportation and Materials Moving	917	0	476	495	461
Visual and Performing Arts	88,575	9	517	503	507
Other	4,584	0	443	445	430
Undecided	25,573	3	519	535	508
Degree-Level Goal					
Certificate Program	13,012	1	442	461	434
Associate Degree	14,735	1	415	419	407
Bachelor's Degree	337,448	26	476	485	467
Master's Degree	394,648	30	510	522	502
Doctoral or Related Degree	261,798	20	540	550	531
Other	6,670	1	436	452	432
Undecided	290,698	22	517	527	508

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