



2008 College-Bound Seniors

Total Group Profile Report

TOTAL GROUP

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

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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 Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Male	704,226	504	114	533	118	488	111	49.1	11.1	6.9	1.8
Female	812,764	500	110	500	111	501	109	49.9	11.0	7.3	1.6
No Response**	1,869	415	101	420	102	407	95	41.0	9.6	6.0	1.8

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 Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Senior (2007-2008)	1,027,551	492	108	505	113	485	106	48.5	10.7	7.0	1.7
Junior (2006-2007)	485,140	523	117	537	118	516	115	51.6	11.6	7.3	1.7
Sophomore (2005-2006)	5,042	488	128	514	125	475	118	48.2	11.9	6.7	1.8
Freshman (2004-2005)	1,126	491	118	523	122	457	110	46.3	11.0	6.5	1.9
Total	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 1,518,859 students in this report, 1,518,176 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 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	420	430	420

Table 5: Score Distributions

SAT Reasoning Test	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	12,407	12,160	24,569	26,610	13,854	40,466	9,066	12,967	22,035
700-740	22,543	22,809	45,360	34,955	21,789	56,755	17,387	23,940	41,332
650-690	44,077	45,332	89,434	71,273	51,729	123,021	35,773	47,674	83,460
600-640	76,887	83,137	160,084	85,171	74,014	159,251	56,790	73,678	130,503
550-590	94,017	106,108	200,230	111,416	115,767	227,311	88,702	111,622	200,422
500-540	117,135	140,181	257,487	110,928	134,686	245,820	112,640	136,112	248,920
450-490	115,471	141,046	256,810	99,486	138,581	238,359	124,883	146,015	271,185
400-440	101,511	124,482	226,357	77,794	121,798	199,960	113,889	125,349	239,653
350-390	65,360	78,545	144,278	48,523	80,246	129,104	81,229	81,366	162,968
300-340	32,168	36,157	68,590	23,848	39,029	63,141	40,446	36,405	77,110
250-290	14,405	14,891	29,432	9,024	13,799	22,928	15,490	12,003	27,627
200-240	8,245	7,916	16,228	5,198	7,472	12,743	7,550	5,331	12,961

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	1,167,849	84	46	54	497	510	488
Religiously Affiliated	150,394	11	49	51	532	531	529
Independent	75,032	5	52	48	550	574	553
Other or Unknown	125,584						

Table 7: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,489,418	98	502	112	516	115	495	110
Nonstandard Conditions	29,441	2	484	119	490	129	479	119

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	9,595	1	485	105	491	105	470	100
Asian, Asian American, or Pacific Islander	151,235	10	513	123	581	124	516	121
Black or African American	174,383	11	430	97	426	98	424	93
Mexican or Mexican American	70,661	5	454	98	463	99	447	93
Puerto Rican	21,953	1	456	102	453	104	445	98
Other Hispanic, Latino, or Latin American	97,589	6	455	104	461	105	448	100
White	858,561	57	528	102	537	103	518	102
Other	52,016	3	496	116	512	118	494	113
No Response	82,866	5	471	133	492	128	467	125
Total	1,518,859	100	502	112	515	116	494	110

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	4,343	0	487	108	509	109	463	102
Asian, Asian American, or Pacific Islander	74,191	5	513	123	596	123	510	121
Black or African American	74,755	5	425	99	434	102	412	93
Mexican or Mexican American	31,078	2	456	100	482	103	443	94
Puerto Rican	9,579	1	459	104	470	107	439	99
Other Hispanic, Latino, or Latin American	41,157	3	461	106	482	109	445	100
White	404,020	27	530	103	555	104	510	102
Other	22,939	2	496	119	533	119	486	114
No Response	42,164	3	467	134	503	131	455	124
Total	704,226	46	504	114	533	118	488	111

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	5,228	0	483	102	475	99	477	98
Asian, Asian American, or Pacific Islander	76,998	5	513	123	567	124	523	120
Black or African American	99,306	7	433	96	420	94	433	92
Mexican or Mexican American	39,516	3	452	96	448	94	451	91
Puerto Rican	12,347	1	454	100	440	99	450	98
Other Hispanic, Latino, or Latin American	56,357	4	451	102	445	100	450	99
White	453,877	30	526	100	521	99	526	100
Other	29,030	2	496	114	496	114	500	111
No Response	40,105	3	477	131	482	123	481	124
Total	812,764	54	500	110	500	111	501	109

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	1,518,859	100	502	112	515	116	494	110
First Language Learned								
English	1,050,573	76	509	106	514	108	499	104
English and Another	205,143	15	477	110	500	120	474	108
Another Language	127,820	9	460	116	515	131	465	114
No Response	135,323							
Citizenship								
U.S. Citizen / U.S. National	1,254,735	93	503	107	510	110	494	105
U.S. Permanent Resident or Refugee	43,226	3	452	120	498	129	456	118
Citizen of Another Country	57,125	4	484	121	573	128	494	115
Other, Unknown, or No Response	163,773							
Disabling Condition								
Yes	81,145	5	485	111	487	112	469	106
Unknown or No Response	1,437,714							
Plans to Apply for Financial Aid								
Yes	905,341	71	496	107	505	111	487	104
No	95,323	7	523	106	543	109	520	106
Don't Know	272,268	21	510	108	527	110	503	106
Family Income								
\$0 - \$20,000	96,825	10	434	105	456	117	430	100
\$20,000–\$40,000	146,379	15	462	102	473	107	453	97
\$40,000–\$60,000	149,607	16	488	101	496	104	477	97
\$60,000–\$80,000	148,274	16	502	101	510	103	490	98
\$80,000–\$100,000	126,364	13	514	100	525	103	504	98
\$100,000–\$120,000	100,045	11	522	100	534	102	512	98
\$120,000–\$140,000	48,916	5	526	100	537	102	517	99
\$140,000–\$160,000	35,479	4	533	99	546	102	525	99
\$160,000–\$200,000	40,079	4	535	100	548	104	529	100
More than \$200,000	58,242	6	554	101	570	103	552	102
No Response	568,649							
Highest Level of Parental Education								
No High School Diploma	61,161	5	419	95	441	106	417	90
High School Diploma	404,587	32	464	97	474	102	455	93
Associate Degree	112,582	9	482	94	490	98	471	91
Bachelor's Degree	382,163	30	518	101	531	105	510	99
Graduate Degree	321,785	25	553	107	565	109	546	106
Took the PSAT/NMSQT®								
Yes, As a Junior	400,835	33	498	105	509	107	489	102
Yes, As a Sophomore or Younger	229,203	19	494	103	503	107	484	100
Yes, As a Junior and As a Sophomore or Younger	358,831	30	537	105	547	107	532	104
No	217,458	18	464	105	481	115	453	100

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
Highest Tenth	219,715	31	42	57	573	598	569
Second Tenth	189,222	27	45	55	511	531	505
Second Fifth	140,631	20	49	51	481	495	472
Final Three Fifths	151,985	22	51	49	441	447	431
No Response	817,306						

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)	75,269	6	40	60	595	615	592
A (93–96)	237,751	18	38	61	559	578	555
A- (90–92)	250,050	19	42	58	529	547	523
B (80–89)	625,268	47	48	52	474	484	465
C (70–79)	148,761	11	57	42	421	423	408
D, E, or F (below 70)	5,229	0	61	38	402	411	390
No Response	176,531						
Mean Grade Point Average	All Students: 3.31		Male: 3.23		Female: 3.38		

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	1.9	2.2	2.1	3.67	3.82	3.75
English and Language Arts	3.9	3.9	3.9	3.21	3.44	3.34
Foreign and Classical Languages	2.7	2.9	2.8	3.15	3.40	3.28
Mathematics	3.9	3.8	3.8	3.12	3.12	3.12
Natural Sciences	3.6	3.5	3.5	3.22	3.25	3.24
Social Sciences and History	3.6	3.6	3.6	3.35	3.40	3.38
Total for All Subjects	19.6	19.9	19.7			

Academic Information

Course-Taking Patterns

Table 15: English, Mathematics

English and Language Arts	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	65,050	5	44	56	522	542	516
4 Years	967,208	81	46	54	507	518	498
3 Years	143,372	12	44	56	466	476	459
2 Years	12,892	1	49	51	459	488	455
1 Year	3,351	0	46	54	428	452	427
1/2 Year or Less	2,434	0	50	50	420	462	418
No Response	324,552						
Course Work or Experience							
English/Language Arts	1,079,368	95	44	55	503	513	495
Journalism	150,546	13	37	63	506	504	500
Creative Writing	285,393	25	42	58	500	503	493
American Literature	593,011	52	44	56	513	519	505
Composition/Writing	402,942	36	43	57	508	515	501
British Literature	290,542	26	44	56	525	528	516
World Literature	339,130	30	45	55	516	523	508
Communications	138,929	12	45	55	492	507	486
Public Speaking	237,967	21	43	57	512	520	504
English As Second Language	58,975	5	44	56	437	503	443
AP®/Honors Courses	466,304	39	39	61	557	559	549

Mathematics	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	132,937	11	50	50	535	577	528
4 Years	773,824	65	46	54	510	521	502
3 Years	265,708	22	42	58	468	464	459
2 Years	19,007	2	46	54	452	451	443
1 Year	2,884	0	46	53	419	432	415
1/2 Year or Less	2,607	0	47	53	417	441	414
No Response	321,892						
Highest Level of Mathematics Achieved*							
Calculus	318,428	27	50	50	565	606	560
Pre-calculus	327,612	28	43	57	512	525	504
Trigonometry	139,663	12	43	57	483	485	474
Algebra II	334,192	28	43	57	456	446	446
Algebra I	46,681	4	45	54	414	393	403
AP/Honors Courses	383,376	32	46	54	560	590	554

*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 16: 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	85,860	7	48	52	542	576	535	
4 Years	594,753	50	47	53	519	531	511	
3 Years	412,763	35	43	57	480	486	472	
2 Years	68,790	6	46	54	464	471	455	
1 Year	14,473	1	46	54	449	460	440	
1/2 Year or Less	8,596	1	40	60	422	443	420	
No Response	333,624							
Course Work or Experience								
Biology	1,126,168	97	45	55	503	514	495	
Chemistry	1,033,928	89	45	55	510	522	502	
Physics	608,165	52	50	50	526	548	519	
Geology, Earth, or Space Science	569,544	49	46	54	487	494	478	
Other Sciences	461,221	40	41	59	499	505	490	
AP/Honors Courses	368,125	31	44	56	564	582	556	

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	65,042	5	46	54	535	549	525	
4 Years	680,872	57	46	54	513	521	504	
3 Years	363,162	31	44	56	486	499	478	
2 Years	63,415	5	47	53	469	491	463	
1 Year	9,727	1	47	52	443	473	440	
1/2 Year or Less	5,923	0	47	53	425	468	427	
No Response	330,718							
Course Work or Experience								
U.S. History	1,086,207	93	45	55	503	513	495	
World History or Cultures	972,380	84	45	55	505	515	497	
U.S. Government or Civics	796,794	69	44	56	504	512	494	
Economics	547,566	47	44	56	502	516	493	
Geography	368,753	32	45	55	494	507	486	
Psychology	313,123	27	35	65	518	520	510	
European History	257,607	22	47	53	537	543	528	
Sociology	145,722	13	37	63	502	505	493	
Ancient History	168,314	14	49	51	515	524	506	
Other Courses	184,589	16	43	57	514	522	505	
AP/Honors Courses	422,174	36	42	58	560	566	551	

Academic Information

Course-Taking Patterns

Table 17: Foreign and Classical Languages

Foreign and Classical Languages	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	57,154	5	39	61	554	574	553	
4 Years	271,160	23	40	60	549	559	546	
3 Years	378,462	32	44	56	510	523	503	
2 Years	381,172	32	49	51	472	481	460	
1 Year	60,498	5	51	49	441	449	428	
1/2 Year or Less	39,304	3	55	45	421	443	410	
No Response	331,109							
Course Work or Experience								
Chinese	17,746	2	48	52	521	600	521	
French	205,161	18	37	63	523	525	514	
German	51,955	4	56	44	535	543	516	
Greek	3,539	0	52	48	543	545	534	
Hebrew	4,949	0	44	56	547	552	547	
Italian	26,194	2	43	57	497	506	494	
Japanese	19,373	2	51	49	528	556	511	
Korean	3,348	0	48	52	480	587	491	
Latin	72,264	6	48	52	557	556	544	
Russian	4,839	0	48	52	503	527	501	
Spanish	820,526	71	45	55	497	507	490	
Other Languages	37,724	3	41	59	478	504	474	
AP/Honors Courses	226,798	19	38	62	569	579	566	

Academic Information

Course-Taking Patterns

Table 18: Arts and Music, Computers

Arts and Music 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	58,647	5	39	61	528	537	519
4 Years	219,705	19	38	62	531	532	523
3 Years	142,841	12	39	61	504	509	496
2 Years	227,788	20	45	55	497	508	490
1 Year	321,390	28	49	50	495	512	487
1/2 Year or Less	189,668	16	53	47	480	498	471
No Response	358,820						
Course Work or Experience							
Acting or Play Production	190,756	18	34	66	538	527	528
Art History or Appreciation	191,029	18	42	58	505	508	497
Dance	133,232	12	10	89	493	494	495
Drama: Study or Appreciation	159,975	15	32	68	520	512	512
Music: Study or Appreciation	142,206	13	47	53	530	530	521
Music Performance	390,202	36	41	59	525	531	517
Photography or Film	203,189	19	38	62	513	516	506
Studio Art and Design	234,603	22	38	62	516	522	508
None	212,321	20	58	42	474	496	464
AP/Honors Courses	79,639	7	37	63	565	566	558

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	705,243	65	46	54	508	518	499
Computer Programming	196,848	18	56	44	499	521	489
Word Processing	743,012	69	45	55	508	517	499
Internet Activity	542,869	50	46	54	510	520	501
Using Computer Graphics	338,823	31	51	49	508	522	498
Creating Spreadsheets/Databases	359,274	33	47	53	512	527	503
None	132,156	12	38	62	501	510	496

SAT Subject Tests™ Data

Table 19: 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
291,896	752,854	275,714	590	618	593

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	22,224	8
2	119,963	41
3	118,241	41
4 or More	31,468	11

Table 20: 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	119,180	580	112	111,947	599	110	586	106	597	108
History and Social Studies										
U.S. History	123,475	597	112	117,451	604	106	607	106	601	105
World History	17,027	584	115	16,028	616	109	613	108	609	107
Mathematics										
Mathematics Level 1	91,225	599	105	84,551	577	111	614	100	585	107
Mathematics Level 2	150,352	644	107	144,010	597	112	653	102	602	108
Science										
Biology-E	36,799	593	104	34,794	595	110	616	105	596	106
Biology-M	39,523	630	102	37,889	615	110	648	97	621	104
Chemistry	62,263	635	111	59,210	614	110	671	97	617	105
Physics	36,449	650	106	34,539	605	117	688	90	608	105
Foreign and Classical Languages										
Chinese/Listening	6,878	763	60	6,610	555	134	668	93	568	124
French	11,508	620	121	11,022	632	101	630	95	640	99
French/Listening	2,900	624	117	2,820	632	94	626	90	636	92
German	855	620	130	815	627	95	649	89	636	92
German/Listening	949	601	134	910	630	96	638	89	631	90
Modern Hebrew	505	646	135	461	611	96	632	90	632	89
Italian	657	671	125	627	592	98	593	93	600	99
Japanese/Listening	1,732	693	107	1,665	574	115	652	94	582	105
Korean/Listening	4,443	760	61	4,220	536	115	659	95	566	108
Latin	3,138	624	103	3,065	677	83	671	80	678	79
Spanish	35,120	640	120	33,420	565	120	572	120	574	121
Spanish/Listening	7,876	647	121	7,658	552	119	555	117	558	120

SAT Subject Tests Score Distributions

Table 21: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature N	Pct	U.S. History N	Pct	World History N	Pct
750-800	7,387	6	11,479	9	1,573	9
700-740	13,479	11	15,966	13	1,826	11
650-690	17,861	15	19,519	16	2,236	13
600-640	17,478	15	18,391	15	2,235	13
550-590	17,675	15	16,396	13	2,476	15
500-540	15,977	13	15,535	13	2,279	13
450-490	12,896	11	13,048	11	2,291	13
400-440	10,014	8	8,749	7	1,374	8
350-390	5,010	4	3,742	3	621	4
300-340	1,343	1	640	1	106	1
250-290	60	0	10	0	9	0
200-240					1	0
Total	119,180		123,475		17,027	
Mean	580		597		584	
SD	112		112		115	
75th percentile	670		690		680	
50th percentile	590		610		580	
25th percentile	500		510		490	

Table 22: 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	4,509	5	35,288	23	2,132	6	4,547	12	11,993	19	8,141	22
700-740	14,082	15	19,716	13	4,174	11	7,228	18	9,421	15	5,922	16
650-690	15,622	17	20,478	14	6,305	17	8,038	20	9,795	16	6,170	17
600-640	17,841	20	23,237	15	6,918	19	6,599	17	8,979	14	5,356	15
550-590	12,823	14	21,359	14	5,829	16	5,091	13	7,638	12	4,414	12
500-540	10,047	11	15,799	11	4,697	13	3,453	9	6,038	10	2,894	8
450-490	7,099	8	10,042	7	3,261	9	2,323	6	4,718	8	2,036	6
400-440	5,308	6	3,262	2	1,952	5	1,244	3	2,926	5	1,352	4
350-390	3,044	3	1,009	1	996	3	703	2	742	1	164	0
300-340	819	1	160	0	498	1	278	1	13	0		
250-290	31	0	2	0	36	0	18	0				
200-240					1	0	1	0				
Total	91,225		150,352		36,799		39,523		62,263		36,449	
Mean	599		644		593		630		635		650	
SD	105		107		104		102		111		106	
75th percentile	680		740		670		710		730		740	
50th percentile	610		650		600		650		650		660	
25th percentile	530		560		520		560		550		580	

SAT Subject Tests Score Distributions

Table 23: 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	5,278	77	2,221	19	556	19	194	23	203	21	167	33
700-740	748	11	1,443	13	345	12	103	12	92	10	52	10
650-690	405	6	1,539	13	414	14	115	13	83	9	58	11
600-640	236	3	1,533	13	429	15	92	11	96	10	45	9
550-590	112	2	1,367	12	385	13	74	9	109	11	50	10
500-540	62	1	1,348	12	319	11	97	11	120	13	46	9
450-490	33	0	1,026	9	240	8	80	9	103	11	50	10
400-440	1	0	681	6	140	5	57	7	90	9	23	5
350-390	3	0	317	3	65	2	37	4	38	4	5	1
300-340			33	0	7	0	5	1	15	2	4	1
250-290											4	1
200-240							1	0			1	0
Total	6,878		11,508		2,900		855		949		505	
Mean	763		620		624		620		601		646	
SD	60		121		117		130		134		135	
75th percentile	800		720		720		730		730		780	
50th percentile	790		630		630		630		590		670	
25th percentile	750		520		530		520		490		530	

Table 24: Foreign and Classical Languages (continued)

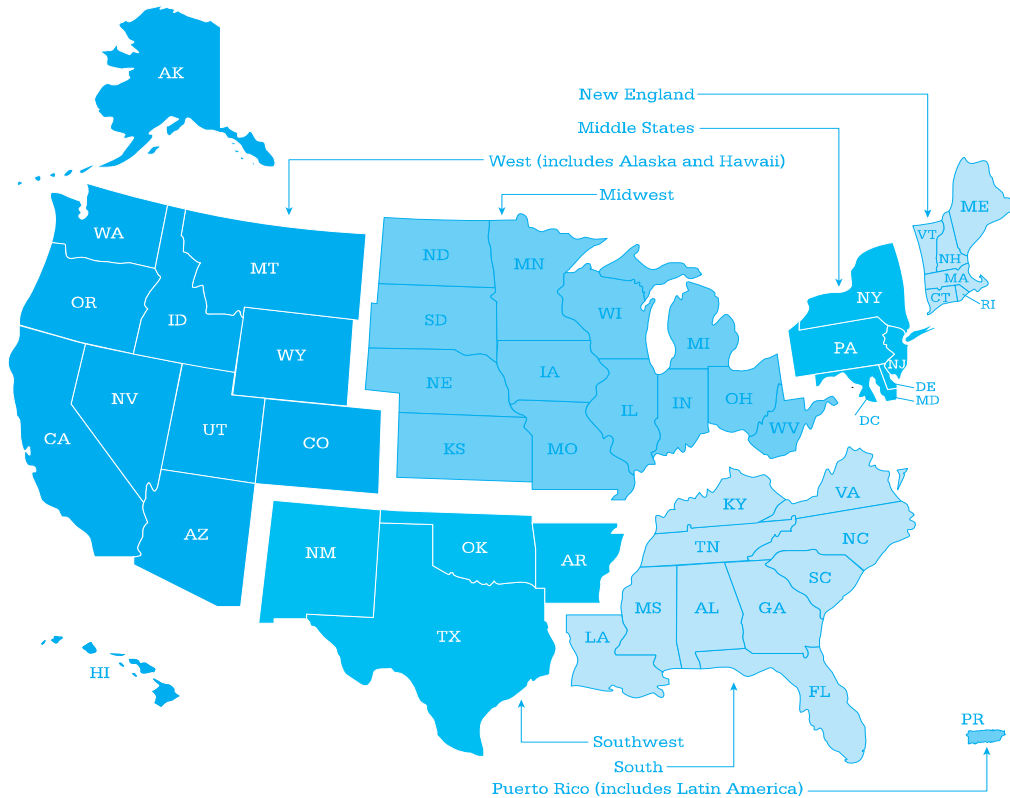
SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	252	38	797	46	3,392	76	445	14	8,254	24	2,357	30
700-740	104	16	264	15	480	11	479	15	5,364	15	1,112	14
650-690	91	14	202	12	261	6	516	16	5,329	15	994	13
600-640	62	9	142	8	169	4	450	14	4,587	13	785	10
550-590	38	6	114	7	83	2	464	15	3,396	10	859	11
500-540	30	5	99	6	35	1	374	12	3,143	9	753	10
450-490	32	5	67	4	17	0	270	9	2,339	7	461	6
400-440	21	3	22	1	6	0	110	4	1,519	4	312	4
350-390	12	2	16	1			27	1	828	2	166	2
300-340	11	2	5	0			3	0	304	1	59	1
250-290	4	1	3	0					54	0	7	0
200-240			1	0					3	0	11	0
Total	657		1,732		4,443		3,138		35,120		7,876	
Mean	671		693		760		624		640		647	
SD	125		107		61		103		120		121	
75th percentile	770		780		800		710		740		750	
50th percentile	710		740		790		630		660		670	
25th percentile	610		630		750		540		550		560	

College Plans

Table 25: 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	7,164	1	478	481	465
Architecture and Related Services	24,261	2	488	532	483
Area, Ethnic, Cultural and Gender Studies	847	0	554	521	541
Biological and Biomedical Sciences	56,329	5	537	551	528
Business Management, Marketing, and Related Support Services	152,123	15	481	509	477
Communication, Journalism and Related Programs	39,046	4	522	502	519
Computer and Information Sciences and Support Services	30,495	3	502	529	477
Construction Trades	1,209	0	424	460	409
Education	76,753	7	478	482	475
Engineering	81,338	8	522	579	508
Engineering Technologies/Technicians	14,312	1	462	508	447
English Language and Literature/Letters	15,577	2	592	533	577
Family and Consumer Sciences/Human Sciences	2,472	0	466	467	462
Foreign Languages, Literatures, and Linguistics	8,152	1	576	545	564
Health Professions and Related Clinical Services	192,884	19	486	498	483
History	13,437	1	548	515	518
Legal Professions and Studies	32,519	3	509	505	500
Liberal Arts and Sciences, General Studies, and Humanities	11,675	1	554	532	544
Library Science/Librarianship	322	0	587	517	537
Mathematics and Statistics	9,637	1	525	609	523
Mechanic and Repair Technologies/Technician	3,868	0	420	449	403
Military Sciences	2,266	0	516	518	486
Multi/Interdisciplinary Studies	1,651	0	598	586	586
Natural Resources and Conservation	4,481	0	522	519	503
Parks, Recreation, Leisure and Fitness Studies	6,410	1	455	478	448
Personal and Culinary Services	4,410	0	459	459	446
Philosophy and Religious Studies	2,729	0	569	548	546
Physical Sciences	14,348	1	556	586	539
Precision Production	74	0	436	462	412
Psychology	50,722	5	503	488	496
Public Administration and Social Services Professions	3,686	0	467	452	461
Security and Protective Services	17,446	2	451	458	440
Social Sciences	19,110	2	567	546	551
Theology and Religious Vocations	2,495	0	544	525	522
Transportation and Materials Moving	757	0	461	490	445
Visual and Performing Arts	81,784	8	516	502	506
Other	12,442	1	466	472	456
Undecided	32,660	3	525	540	516
Degree-Level Goal					
Certificate Program	11,778	1	438	455	430
Associate Degree	14,694	1	416	419	407
Bachelor's Degree	339,443	27	475	485	466
Master's Degree	389,559	31	505	519	498
Doctoral or Related Degree	247,179	19	531	542	524
Other	6,151	0	433	449	430
Undecided	261,199	21	512	523	504

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Puerto Rico and Latin America Office

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Mailing address:
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International Education Office

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Washington Office

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202 741-4743 (Fax)

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