



2008 College-Bound Seniors

State Profile Report

PUERTO RICO

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		Essay
Total	1,978	460	107	457	104	448	106	45.0	10.6	6.6	1.7

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		Essay
Male	969	452	113	463	109	434	108	43.9	10.7	6.2	1.9
Female	1,009	467	101	452	100	462	103	46.0	10.4	6.9	1.5
No Response**											

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		Essay
Senior (2007-2008)	1,545	456	107	454	102	443	104	44.5	10.5	6.5	1.7
Junior (2006-2007)	426	475	109	471	111	466	110	46.8	11.0	6.7	1.7
Sophomore (2005-2006)	4										
Freshman (2004-2005)	3										
Total	1,978	460	107	457	104	448	106	45.0	10.6	6.6	1.7

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		Essay
Total Group	1,978	460	107	457	104	448	106	45.0	10.6	6.6	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 1,978 students in this report, 1,976 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	530	530	520	580	590	570
50th	460	460	450	500	510	490
25th	390	380	380	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	3	3	6	4	2	6	1	5	6
700–740	13	14	27	11	9	20	4	10	14
650–690	22	24	46	31	27	58	16	28	44
600–640	55	68	123	56	49	105	42	50	92
550–590	110	109	219	134	85	219	74	104	178
500–540	142	172	314	162	162	324	143	172	315
450–490	162	181	343	156	187	343	175	188	363
400–440	174	191	365	147	185	332	183	199	382
350–390	117	139	256	133	164	297	140	134	274
300–340	85	67	152	70	99	169	78	67	145
250–290	46	25	71	44	24	68	57	30	87
200–240	40	16	56	21	16	37	55	21	76

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							
Religiously Affiliated	857	58	48	52	472	476	462
Independent	631	42	51	49	463	456	455
Other or Unknown	490						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,950	99	460	108	457	104	448	106
Nonstandard Conditions	28	1	471	100	455	101	471	90

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	2	0						
Asian, Asian American, or Pacific Islander	14	1	419		480		423	
Black or African American	9	0	473		473		463	
Mexican or Mexican American	5	0	464		398		452	
Puerto Rican	1,780	90	459	107	457	104	447	106
Other Hispanic, Latino, or Latin American	104	5	473	114	466	108	449	115
White	30	2	485	85	483	81	471	74
Other	15	1	501		514		494	
No Response	19	1	439		393		411	
Total	1,978	100	460	107	457	104	448	106

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	1	0						
Asian, Asian American, or Pacific Islander	6	0	467		508		487	
Black or African American	5	0	474		476		473	
Mexican or Mexican American	4	0						
Puerto Rican	870	44	451	114	462	110	432	108
Other Hispanic, Latino, or Latin American	48	2	465	116	475	103	444	114
White	18	1	482		498		478	
Other	5	0	498		528		468	
No Response	12	1	445		400		399	
Total	969	49	452	113	463	109	434	108

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	1	0						
Asian, Asian American, or Pacific Islander	8	0	384		459		375	
Black or African American	4	0						
Mexican or Mexican American	1	0						
Puerto Rican	910	46	467	100	451	98	463	101
Other Hispanic, Latino, or Latin American	56	3	480	111	459	112	454	115
White	12	1	489		461		462	
Other	10	1	503		507		507	
No Response	7	0	429		381		430	
Total	1,009	51	467	101	452	100	462	103

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	1,978	100	460	107	457	104	448	106
First Language Learned								
English	72	4	460	107	439	121	437	107
English and Another	816	43	466	97	458	97	454	94
Another Language	1,016	53	450	112	455	105	439	110
No Response	74							
Citizenship								
U.S. Citizen / U.S. National	1,857	98	457	105	455	103	445	103
U.S. Permanent Resident or Refugee	23	1	480		489		456	
Citizen of Another Country	16	1	474		481		464	
Other, Unknown, or No Response	82							
Disabling Condition								
Yes	143	7	447	99	442	98	439	100
Unknown or No Response	1,835							
Plans to Apply for Financial Aid								
Yes	1,484	81	455	105	452	102	441	101
No	78	4	468	94	480	90	467	100
Don't Know	278	15	466	113	466	111	461	114
Family Income								
\$0 - \$20,000	211	14	397	101	393	97	371	104
\$20,000-\$40,000	335	22	432	105	430	101	416	97
\$40,000-\$60,000	278	18	452	105	446	100	439	102
\$60,000-\$80,000	214	14	454	99	455	99	441	93
\$80,000-\$100,000	140	9	477	92	472	98	465	91
\$100,000-\$120,000	97	6	492	98	499	100	476	92
\$120,000-\$140,000	56	4	477	114	471	83	456	97
\$140,000-\$160,000	43	3	475	76	468	69	468	92
\$160,000-\$200,000	54	4	498	96	481	98	481	81
More than \$200,000	93	6	496	95	508	87	502	97
No Response	457							
Highest Level of Parental Education								
No High School Diploma	28	2	389	80	409	94	371	86
High School Diploma	187	10	414	110	402	101	394	107
Associate Degree	125	7	410	111	404	101	387	111
Bachelor's Degree	766	41	458	101	460	101	446	100
Graduate Degree	755	41	479	102	475	97	470	96
Took the PSAT/NMSQT®								
Yes, As a Junior	403	24	457	94	457	91	448	85
Yes, As a Sophomore or Younger	176	10	469	102	466	95	455	92
Yes, As a Junior and As a Sophomore or Younger	595	35	503	95	504	94	498	91
No	540	32	406	101	403	93	385	100

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	476	41	46	54	496	498	480
Second Tenth	322	28	52	48	440	448	427
Second Fifth	196	17	55	45	429	428	415
Final Three Fifths	161	14	54	46	411	404	400
No Response	823						

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)	264	14	40	60	501	502	486
A (93–96)	493	26	42	58	474	475	458
A- (90–92)	338	18	46	54	472	472	465
B (80–89)	707	38	57	43	430	425	418
C (70–79)	73	4	71	29	405	390	395
D, E, or F (below 70)	3	0	67	33			
No Response	100						
Mean Grade Point Average	All Students: 3.58		Male: 3.47		Female: 3.68		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.8	1.9	1.9	3.79	3.91	3.85
English and Language Arts	4.0	4.1	4.0	3.48	3.66	3.57
Foreign and Classical Languages	2.9	2.9	2.9	3.42	3.65	3.54
Mathematics	4.0	4.0	4.0	3.40	3.43	3.41
Natural Sciences	3.7	3.6	3.7	3.38	3.48	3.43
Social Sciences and History	3.8	3.9	3.8	3.47	3.61	3.54
Total for All Subjects	20.2	20.4	20.3			

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	254	15	44	56	450	440	437
4 Years	1,318	76	50	50	465	465	454
3 Years	142	8	51	49	425	422	413
2 Years	18	1	61	39	401	398	376
1 Year	4	0	50	50			
1/2 Year or Less	4	0	50	50			
No Response	238						
Course Work or Experience							
English/Language Arts	1,326	78	48	52	463	459	452
Journalism	330	19	47	53	450	451	437
Creative Writing	728	43	48	52	458	456	447
American Literature	1,207	71	47	53	473	469	463
Composition/Writing	981	58	47	53	461	459	450
British Literature	630	37	44	56	480	477	473
World Literature	787	46	45	55	478	474	469
Communications	192	11	42	58	423	428	412
Public Speaking	406	24	46	54	450	450	439
English As Second Language	866	51	50	50	440	442	427
AP®/Honors Courses	439	25	45	55	517	511	503

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	316	18	51	49	464	467	453
4 Years	1,197	69	49	51	461	461	450
3 Years	206	12	51	49	436	425	420
2 Years	13	1	46	54	410	384	402
1 Year	10	1	50	50	360	367	337
1/2 Year or Less	3	0	33	67			
No Response	233						
Highest Level of Mathematics Achieved*							
Calculus	429	24	51	49	502	525	496
Pre-calculus	785	44	49	51	462	458	451
Trigonometry	171	10	56	44	422	414	405
Algebra II	286	16	43	57	429	402	412
Algebra I	82	5	56	44	386	368	360
AP/Honors Courses	423	24	51	49	513	532	500

*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	206	12	47	53	465	462	446
4 Years	999	58	52	48	466	466	454
3 Years	363	21	45	55	453	447	445
2 Years	69	4	54	46	410	416	407
1 Year	61	4	41	59	414	404	398
1/2 Year or Less	31	2	52	48	425	423	401
No Response	249						
Course Work or Experience							
Biology	1,703	98	49	51	459	457	447
Chemistry	1,677	97	49	51	460	458	448
Physics	1,301	75	53	47	464	465	451
Geology, Earth, or Space Science	826	48	48	52	452	449	437
Other Sciences	473	27	47	53	456	455	446
AP/Honors Courses	252	15	50	50	525	534	512

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	224	13	43	57	461	450	447
4 Years	1,132	65	49	51	462	462	453
3 Years	312	18	56	44	455	458	443
2 Years	49	3	59	41	414	414	386
1 Year	15	1	47	53	365	338	356
1/2 Year or Less	13	1	62	38	376	379	309
No Response	233						
Course Work or Experience							
U.S. History	1,664	96	50	50	460	457	448
World History or Cultures	1,409	81	46	54	471	469	461
U.S. Government or Civics	691	40	50	50	461	464	452
Economics	188	11	57	43	456	460	442
Geography	497	29	49	51	445	441	431
Psychology	248	14	42	58	475	470	471
European History	671	39	45	55	472	472	464
Sociology	278	16	46	54	453	441	434
Ancient History	638	37	49	51	472	473	465
Other Courses	892	51	51	49	466	462	451
AP/Honors Courses	218	12	44	56	525	521	516

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	178	11	49	51	478	478	468
4 Years	800	48	51	49	473	471	460
3 Years	124	7	55	45	447	447	442
2 Years	132	8	36	64	459	455	447
1 Year	119	7	40	60	455	448	443
1/2 Year or Less	325	19	52	48	422	424	410
No Response	300						
Course Work or Experience							
Chinese	4	0	75	25			
French	390	23	44	56	487	481	480
German	27	2	44	56	516	496	491
Greek							
Hebrew	2	0	0	100			
Italian	127	7	24	76	470	461	451
Japanese	11	1	73	27	478	483	465
Korean							
Latin	18	1	50	50	465	466	471
Russian	1	0	100	0			
Spanish	1,520	89	49	51	464	461	452
Other Languages	83	5	45	55	405	415	397
AP/Honors Courses	244	15	50	50	526	532	518

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
More Than 4 Years	85	5	34	66	461	459	454
4 Years	219	13	46	54	460	461	451
3 Years	221	13	47	53	463	457	454
2 Years	352	21	51	49	458	451	448
1 Year	382	23	51	49	452	451	437
1/2 Year or Less	414	25	50	50	455	460	444
No Response	305						
Course Work or Experience							
Acting or Play Production	423	26	40	60	478	466	466
Art History or Appreciation	398	25	45	55	484	470	469
Dance	387	24	26	74	460	454	457
Drama: Study or Appreciation	360	22	39	61	474	453	461
Music: Study or Appreciation	303	19	50	50	492	482	475
Music Performance	549	34	52	48	475	467	463
Photography or Film	178	11	44	56	477	469	468
Studio Art and Design	251	16	39	61	458	457	448
None	339	21	65	35	434	442	421
AP/Honors Courses	48	3	48	52	480	484	474

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	1,227	74	50	50	468	466	455
Computer Programming	316	19	49	51	455	457	446
Word Processing	1,271	77	49	51	469	466	457
Internet Activity	1,099	66	50	50	468	468	456
Using Computer Graphics	456	28	50	50	474	479	463
Creating Spreadsheets/Databases	501	30	51	49	481	481	468
None	104	6	46	54	448	429	427

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
410	1,140	392	550	549	542

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	26	6
2	129	31
3	194	47
4 or More	61	15

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	129	546	106	120	561	104	517	98	552	106
History and Social Studies										
U.S. History	60	530	103	56	592	88	556	92	568	86
World History	28	609	91	28	631	92	575	79	609	80
Mathematics										
Mathematics Level 1	311	542	90	299	548	96	557	89	539	95
Mathematics Level 2	67	582	95	65	552	101	599	99	550	103
Science										
Biology-E	29	538	84	28	558	76	543	98	536	86
Biology-M	60	584	96	58	580	89	588	84	576	91
Chemistry	52	570	99	51	577	102	608	87	573	102
Physics	29	557	85	27	584	109	623	80	571	90
Foreign and Classical Languages										
Chinese/Listening										
French	29	642	84	29	606	81	594	87	628	71
French/Listening	7	593		7	569		536		624	
German										
German/Listening	1			1						
Modern Hebrew										
Italian	12	673		12	529		538		510	
Japanese/Listening										
Korean/Listening										
Latin										
Spanish	274	769	59	266	557	97	548	93	549	95
Spanish/Listening	52	777	36	51	532	81	555	77	529	83

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	5	4	2	3	1	4
700-740	8	6	3	5	4	14
650-690	7	5	5	8	7	25
600-640	29	22	5	8	5	18
550-590	16	12	8	13	2	7
500-540	19	15	8	13	8	29
450-490	22	17	17	28		
400-440	15	12	9	15		
350-390	2	2	3	5		
300-340	6	5			1	4
250-290						
200-240						
Total	129		60		28	
Mean	546		530		609	
SD	106		103		91	
75th percentile	620		590		660	
50th percentile	540		500		630	
25th percentile	470		460		530	

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	3	1	5	7			2	3	3	6	1	3
700-740	14	5	2	3	2	7	6	10	3	6	1	3
650-690	26	8	8	12	2	7	8	13	4	8	2	7
600-640	47	15	16	24	1	3	12	20	12	23	6	21
550-590	51	16	13	19	8	28	15	25	8	15	5	17
500-540	79	25	9	13	5	17	4	7	12	23	6	21
450-490	49	16	8	12	8	28	8	13	3	6	6	21
400-440	25	8	6	9	2	7	3	5	5	10	1	3
350-390	12	4			1	3	1	2	2	4	1	3
300-340	4	1					1	2				
250-290	1	0										
200-240												
Total	311		67		29		60		52		29	
Mean	542		582		538		584		570		557	
SD	90		95		84		96		99		85	
75th percentile	610		640		570		650		630		610	
50th percentile	530		580		530		590		560		540	
25th percentile	480		500		470		520		500		490	

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	17								
700-740			4	14	1	14						
650-690			6	21								
600-640			5	17	1	14						
550-590			5	17	4	57						
500-540			2	7	1	14						
450-490			2	7								
400-440												
350-390									1	100		
300-340												
250-290												
200-240												
Total			29		7				1			
Mean			642		593							
SD			84									
75th percentile			700									
50th percentile			620									
25th percentile			580									

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	3	25							223	81	49	94
700-740	4	33							32	12	1	2
650-690	1	8							5	2	1	2
600-640	2	17							8	3	1	2
550-590	1	8							1	0		
500-540									2	1		
450-490	1	8							2	1		
400-440												
350-390									1	0		
300-340												
250-290												
200-240												
Total	12								274		52	
Mean	673								769		777	
SD									59		36	
75th percentile									800		800	
50th percentile									800		790	
25th percentile									760		770	

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	3	0			
Architecture and Related Services	72	4	469	470	463
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	224	13	466	464	458
Business Management, Marketing, and Related Support Services	234	14	445	459	437
Communication, Journalism and Related Programs	65	4	485	447	471
Computer and Information Sciences and Support Services	29	2	437	463	427
Construction Trades					
Education	30	2	405	395	393
Engineering	258	16	450	481	434
Engineering Technologies/Technicians	28	2	400	438	380
English Language and Literature/Letters	10	1	592	452	559
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	7	0	536	486	496
Health Professions and Related Clinical Services	265	16	457	449	441
History	5	0	474	362	450
Legal Professions and Studies	50	3	467	453	451
Liberal Arts and Sciences, General Studies, and Humanities	15	1	562	523	569
Library Science/Librarianship					
Mathematics and Statistics	6	0	553	568	543
Mechanic and Repair Technologies/Technician	3	0			
Military Sciences	4	0			
Multi/Interdisciplinary Studies	5	0	566	522	498
Natural Resources and Conservation	6	0	513	540	498
Parks, Recreation, Leisure and Fitness Studies	2	0			
Personal and Culinary Services	15	1	408	401	419
Philosophy and Religious Studies	1	0			
Physical Sciences	29	2	427	461	411
Precision Production					
Psychology	57	3	450	417	430
Public Administration and Social Services Professions	3	0			
Security and Protective Services	12	1	427	421	424
Social Sciences	39	2	534	465	512
Theology and Religious Vocations					
Transportation and Materials Moving	2	0			
Visual and Performing Arts	118	7	477	439	456
Other	24	1	408	400	392
Undecided	36	2	472	485	471
Degree-Level Goal					
Certificate Program	10	1	374	354	335
Associate Degree	14	1	321	309	282
Bachelor's Degree	326	18	401	400	384
Master's Degree	492	27	455	460	450
Doctoral or Related Degree	832	46	483	479	468
Other	12	1	442	407	448
Undecided	140	8	476	463	469

College Plans

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

Of the 1,996 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 1,600 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 895 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
FLORIDA INTERNATIONAL UNIVERSITY	FL	Public	237	14.8
UNIVERSITY OF MIAMI	FL	Private	218	13.6
UNIVERSITY OF PUERTO RICO MAYAGUEZ	PR	Public	216	13.5
UNIVERSIDAD DE PUERTO RICO	PR	Public	209	13.1
UNIVERSITY OF FLORIDA	FL	Public	203	12.7
BOSTON UNIVERSITY	MA	Private	184	11.5
SYRACUSE UNIVERSITY	NY	Private	170	10.6
BOSTON COLLEGE	MA	Private	165	10.3
NEW YORK UNIVERSITY	NY	Private	165	10.3
NORTHEASTERN UNIVERSITY	MA	Private	157	9.8
VILLANOVA UNIVERSITY	PA	Private	140	8.8
IOWA STATE UNIVERSITY	IA	Public	139	8.7
UNIVERSITY CENTRAL FLORIDA	FL	Public	133	8.3
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	132	8.3
CORNELL UNIVERSITY	NY	Private	129	8.1
FLORIDA STATE UNIVERSITY	FL	Public	127	7.9
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	120	7.5
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	113	7.1
GEORGETOWN UNIVERSITY	DC	Private	112	7.0
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	107	6.7
UNIVERSITY OF SOUTH FLORIDA	FL	Public	106	6.6
UNIVERSITY OF TAMPA	FL	Private	91	5.7
FAIRFIELD UNIVERSITY	CT	Private	89	5.6
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	89	5.6
NCAA ELIGIBILITY CENTER	IA	Public	87	5.4
GEORGE WASHINGTON UNIVERSITY	DC	Private	85	5.3
PRINCETON UNIVERSITY	NJ	Private	81	5.1
BROWN UNIVERSITY	RI	Private	80	5.0
YALE UNIVERSITY	CT	Private	78	4.9
TUFTS UNIVERSITY	MA	Private	75	4.7
AMERICAN UNIVERSITY DC	DC	Private	71	4.4
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	70	4.4
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	66	4.1
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	64	4.0
UNIVERSITY OF PUERTO RICO BAYAMON	PR	Public	58	3.6
STANFORD UNIVERSITY	CA	Private	56	3.5
JOHNS HOPKINS UNIVERSITY	MD	Private	55	3.4
BENTLEY COLLEGE	MA	Private	55	3.4
BRYANT UNIVERSITY	RI	Private	55	3.4
DUKE UNIVERSITY	NC	Private	54	3.4
INTER AMERICAN UNIVERSITY SAN JUAN	PR	Private	53	3.3
UNIVERSITY SAGRADO CORAZON	PR	Private	53	3.3
SAVANNAH COLLEGE OF ART AND DESIGN	GA	Private	52	3.3
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	50	3.1
FORDHAM UNIVERSITY	NY	Private	49	3.1

*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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