



2008 College-Bound Seniors

State Profile Report

FLORIDA

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.

Table of Contents

SAT Reasoning Test™

SAT Reasoning Test Data Page 1

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

Demographic Information

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

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

SAT Reasoning Test: Student Background Information and Characteristics Page 4

- Table 12: Student Background Information and Characteristics

Academic Information

Academic Record Page 5

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

Course-Taking Patterns Page 6

- Table 16: English and Language Arts, Mathematics
- Table 17: Natural Sciences, Social Sciences and History
- Table 18: Foreign and Classical Languages
- Table 19: Arts and Music, Computers

SAT Subject Tests™

SAT Subject Tests Data Page 10

- Table 20: Number of Test-Takers and Tests for SAT Subject Tests™
- Table 21: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

SAT Subject Tests Score Distributions Page 11

- Table 22: English, History and Social Studies
- Table 23: Mathematics, Science
- Table 24: Foreign and Classical Languages
- Table 25: Foreign and Classical Languages (continued)

College Plans

Intended College Major, Degree-Level Goal Page 13

- Table 26: Intended College Major, Degree-Level Goal

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

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

SAT Reasoning Test™ Data

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

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Total	98,578	496	104	497	107	481	101	48.1	10.3	7.0	1.6

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Male	44,521	498	107	516	110	472	101	47.6	10.3	6.7	1.7
Female	53,958	495	102	482	102	488	100	48.6	10.3	7.2	1.5
No Response**	99	431	87	430	89	416	76	41.8	7.7	6.2	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	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Senior (2007-2008)	70,814	490	101	489	104	473	97	47.4	10.0	6.9	1.6
Junior (2006-2007)	27,330	514	110	518	113	499	107	50.0	10.9	7.1	1.6
Sophomore (2005-2006)	364	487	110	490	112	467	106	47.2	10.6	6.8	1.6
Freshman (2004-2005)	70	469	107	484	114	432	89	43.6	8.8	6.3	1.4
Total	98,578	496	104	497	107	481	101	48.1	10.3	7.0	1.6

Table 4: Mean Scores for Total Group

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

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

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 98,578 students in this report, 98,537 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	570	570	550	580	590	570
50th	490	490	480	500	510	490
25th	420	420	410	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	534	494	1,028	903	352	1,255	261	377	638
700–740	1,024	1,074	2,098	1,374	810	2,184	601	970	1,571
650–690	2,316	2,478	4,794	3,469	2,344	5,815	1,475	2,264	3,739
600–640	4,534	5,085	9,625	4,880	3,934	8,816	2,823	4,143	6,967
550–590	6,015	7,246	13,265	7,062	7,100	14,168	5,100	6,998	12,102
500–540	7,840	9,768	17,617	7,710	9,213	16,935	7,179	9,635	16,823
450–490	8,115	10,251	18,388	7,375	10,143	17,532	8,911	10,812	19,745
400–440	6,941	8,953	15,914	5,633	9,207	14,869	8,084	9,279	17,387
350–390	4,111	5,184	9,317	3,596	6,482	10,096	5,790	5,933	11,743
300–340	1,937	2,220	4,171	1,639	2,920	4,568	2,797	2,431	5,243
250–290	751	810	1,562	589	996	1,591	1,014	768	1,785
200–240	403	395	799	291	457	749	462	331	794

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	78,187	85	44	56	492	495	475
Religiously Affiliated	9,824	11	50	50	521	514	510
Independent	3,669	4	54	46	534	539	528
Other or Unknown	6,898						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	97,215	99	496	104	497	107	481	101
Nonstandard Conditions	1,363	1	492	107	498	122	477	105

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	447	0	501	104	499	98	477	100
Asian, Asian American, or Pacific Islander	4,267	4	510	115	548	116	498	113
Black or African American	13,877	14	434	95	427	94	422	90
Mexican or Mexican American	1,212	1	475	101	473	100	459	95
Puerto Rican	3,323	3	466	95	458	96	450	90
Other Hispanic, Latino, or Latin American	17,970	18	480	101	478	103	467	96
White	50,684	51	522	97	524	99	504	96
Other	3,319	3	495	103	490	107	480	102
No Response	3,479	4	485	120	480	116	465	113
Total	98,578	100	496	104	497	107	481	101

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	198	0	498	99	510	95	461	98
Asian, Asian American, or Pacific Islander	2,058	2	511	117	563	117	488	114
Black or African American	5,843	6	427	97	435	97	408	90
Mexican or Mexican American	512	1	481	105	496	101	454	97
Puerto Rican	1,457	1	472	96	477	98	446	89
Other Hispanic, Latino, or Latin American	7,814	8	484	102	499	106	461	96
White	23,461	24	523	99	542	100	494	96
Other	1,405	1	499	108	511	111	473	102
No Response	1,773	2	484	121	493	119	457	111
Total	44,521	45	498	107	516	110	472	101

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	249	0	503	107	490	100	490	99
Asian, Asian American, or Pacific Islander	2,208	2	509	113	533	112	506	111
Black or African American	8,008	8	439	93	421	91	432	88
Mexican or Mexican American	699	1	471	98	457	96	463	94
Puerto Rican	1,864	2	461	94	443	91	453	90
Other Hispanic, Latino, or Latin American	10,150	10	476	99	461	98	471	96
White	27,196	28	521	95	508	95	513	94
Other	1,911	2	493	100	475	102	486	101
No Response	1,673	2	487	118	467	111	475	114
Total	53,958	55	495	102	482	102	488	100

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	98,578	100	496	104	497	107	481	101
First Language Learned								
English	65,020	70	505	101	504	104	487	99
English and Another	16,761	18	476	100	475	105	463	96
Another Language	10,899	12	467	106	479	110	458	101
No Response	5,898							
Citizenship								
U.S. Citizen / U.S. National	83,924	92	499	101	498	105	483	98
U.S. Permanent Resident or Refugee	5,576	6	456	108	469	111	449	103
Citizen of Another Country	1,309	1	461	104	500	112	461	102
Other, Unknown, or No Response	7,769							
Disabling Condition								
Yes	5,085	5	480	106	476	108	458	100
Unknown or No Response	93,493							
Plans to Apply for Financial Aid								
Yes	55,671	64	492	104	488	106	475	99
No	7,903	9	508	98	518	104	497	98
Don't Know	23,273	27	504	99	508	102	487	97
Family Income								
\$0 - \$20,000	6,972	11	438	100	436	99	426	93
\$20,000–\$40,000	12,404	19	467	98	463	98	452	91
\$40,000–\$60,000	10,945	17	489	97	486	100	471	92
\$60,000–\$80,000	9,911	15	501	97	501	99	483	94
\$80,000–\$100,000	7,899	12	510	99	513	101	492	95
\$100,000–\$120,000	5,952	9	517	96	521	100	500	95
\$120,000–\$140,000	2,815	4	518	96	523	100	502	95
\$140,000–\$160,000	2,023	3	522	95	529	98	504	93
\$160,000–\$200,000	2,234	3	523	98	527	103	508	95
More than \$200,000	3,771	6	542	97	551	103	530	97
No Response	33,652							
Highest Level of Parental Education								
No High School Diploma	3,472	4	427	95	429	95	417	86
High School Diploma	29,575	34	470	95	468	97	454	90
Associate Degree	9,002	10	486	94	484	95	469	90
Bachelor's Degree	25,750	30	511	98	514	101	494	95
Graduate Degree	19,380	22	535	104	536	108	520	103
Took the PSAT/NMSQT®								
Yes, As a Junior	14,122	17	489	99	485	101	473	95
Yes, As a Sophomore or Younger	29,563	36	485	95	486	99	467	91
Yes, As a Junior and As a Sophomore or Younger	26,643	33	537	101	538	104	523	98
No	10,912	13	451	98	446	98	434	91

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	13,229	30	41	58	570	582	555
Second Tenth	12,377	28	44	56	509	516	494
Second Fifth	8,748	20	48	51	480	484	464
Final Three Fifths	9,143	21	48	52	442	439	426
No Response	55,081						

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)	5,473	6	38	62	578	586	566
A (93–96)	16,387	18	37	63	541	547	529
A- (90–92)	16,007	18	41	59	521	525	505
B (80–89)	42,479	47	47	53	474	472	457
C (70–79)	9,671	11	58	42	427	420	407
D, E, or F (below 70)	163	0	65	35	410	397	388
No Response	8,398						
Mean Grade Point Average	All Students: 3.32		Male: 3.23		Female: 3.40		

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	1.6	1.9	1.8	3.69	3.83	3.77
English and Language Arts	3.9	3.8	3.9	3.20	3.42	3.32
Foreign and Classical Languages	2.4	2.5	2.4	3.18	3.43	3.32
Mathematics	3.8	3.8	3.8	3.08	3.06	3.07
Natural Sciences	3.6	3.5	3.6	3.23	3.26	3.25
Social Sciences and History	3.5	3.5	3.5	3.35	3.39	3.37
Total for All Subjects	18.8	19.0	19.0			

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	3,181	4	43	57	521	519	504
4 Years	64,322	80	45	55	502	502	486
3 Years	11,955	15	42	58	472	471	458
2 Years	1,057	1	50	50	465	470	451
1 Year	253	0	47	53	422	417	410
1/2 Year or Less	122	0	47	53	405	413	397
No Response	17,688						
Course Work or Experience							
English/Language Arts	74,878	97	43	57	499	498	483
Journalism	10,994	14	31	69	506	491	494
Creative Writing	15,885	21	39	60	493	481	480
American Literature	33,688	43	43	57	509	504	493
Composition/Writing	20,751	27	41	59	511	502	497
British Literature	15,065	19	44	56	517	510	500
World Literature	17,830	23	45	55	514	510	498
Communications	4,791	6	45	55	493	488	480
Public Speaking	10,531	14	42	58	519	511	505
English As Second Language	3,572	5	40	60	435	458	430
AP®/Honors Courses	44,585	55	40	60	537	534	519

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	9,716	12	47	53	540	569	522
4 Years	48,146	59	45	55	504	504	488
3 Years	21,436	26	41	59	468	454	452
2 Years	1,382	2	45	55	458	444	442
1 Year	230	0	44	55	418	415	411
1/2 Year or Less	139	0	43	56	414	398	405
No Response	17,529						
Highest Level of Mathematics Achieved*							
Calculus	15,791	19	48	52	570	601	554
Pre-calculus	18,274	22	44	56	517	525	502
Trigonometry	8,743	11	44	56	500	501	483
Algebra II	34,221	42	42	58	463	447	447
Algebra I	3,659	5	45	55	415	388	400
AP/Honors Courses	36,107	45	43	57	541	555	524

*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	6,277	8	45	55	537	553	519
4 Years	39,501	49	45	55	513	514	497
3 Years	29,023	36	43	57	475	471	460
2 Years	3,816	5	46	54	468	467	453
1 Year	963	1	45	55	448	448	434
1/2 Year or Less	577	1	39	61	416	415	405
No Response	18,421						
Course Work or Experience							
Biology	77,114	97	44	56	499	498	483
Chemistry	66,939	84	44	56	508	510	492
Physics	31,194	39	50	50	526	539	509
Geology, Earth, or Space Science	40,785	51	45	55	477	474	462
Other Sciences	38,783	49	40	60	491	487	476
AP/Honors Courses	37,894	47	42	58	540	545	523

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	4,220	5	45	55	541	540	522
4 Years	41,457	52	45	55	511	509	495
3 Years	27,815	35	43	57	481	483	465
2 Years	5,723	7	46	54	464	469	450
1 Year	886	1	47	53	441	448	430
1/2 Year or Less	386	0	46	54	403	408	395
No Response	18,091						
Course Work or Experience							
U.S. History	72,164	91	44	56	502	502	485
World History or Cultures	71,289	90	44	56	501	501	485
U.S. Government or Civics	56,605	71	44	56	500	500	484
Economics	52,952	67	42	58	497	497	481
Geography	18,004	23	46	54	493	493	477
Psychology	26,296	33	35	65	522	514	505
European History	12,584	16	46	54	545	538	527
Sociology	8,219	10	36	64	505	496	488
Ancient History	5,978	8	50	50	499	494	484
Other Courses	12,354	16	40	60	507	502	492
AP/Honors Courses	42,195	52	41	59	538	538	520

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	2,405	3	37	63	562	565	551
4 Years	11,587	14	39	61	554	555	543
3 Years	16,082	20	41	59	519	519	505
2 Years	42,022	52	46	54	482	482	463
1 Year	5,591	7	47	53	454	450	436
1/2 Year or Less	2,833	4	51	49	414	413	399
No Response	18,058						
Course Work or Experience							
Chinese	444	1	51	49	523	549	512
French	12,106	15	35	65	510	501	495
German	1,984	2	53	47	527	518	499
Greek	140	0	55	45	527	510	507
Hebrew	245	0	37	63	519	518	514
Italian	1,800	2	37	64	495	483	480
Japanese	396	0	51	49	527	522	499
Korean	67	0	43	57	458	536	457
Latin	3,764	5	46	54	553	547	531
Russian	158	0	42	58	466	462	464
Spanish	59,915	75	45	55	497	498	481
Other Languages	3,031	4	33	67	468	468	452
AP/Honors Courses	18,749	23	38	62	555	558	543

Academic Information

Course-Taking Patterns

Table 19: 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	3,301	4	38	62	521	513	504
4 Years	11,330	15	37	63	524	514	507
3 Years	8,827	11	36	64	502	495	487
2 Years	14,295	18	43	57	495	494	479
1 Year	19,563	25	47	53	494	497	479
1/2 Year or Less	19,969	26	49	51	483	490	467
No Response	21,293						
Course Work or Experience							
Acting or Play Production	10,761	15	30	70	526	504	511
Art History or Appreciation	11,612	16	40	60	509	499	493
Dance	8,379	12	8	91	482	471	478
Drama: Study or Appreciation	11,118	15	28	72	512	492	498
Music: Study or Appreciation	7,787	11	44	56	523	511	507
Music Performance	20,927	29	42	58	515	508	499
Photography or Film	12,971	18	36	64	510	502	495
Studio Art and Design	12,468	17	37	63	511	507	496
None	19,849	27	55	45	480	491	462
AP/Honors Courses	7,680	10	37	63	558	550	541

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	44,996	61	45	55	503	502	486
Computer Programming	12,455	17	54	46	490	498	473
Word Processing	45,877	62	44	55	505	503	488
Internet Activity	32,769	45	47	53	507	505	490
Using Computer Graphics	21,389	29	51	49	503	507	486
Creating Spreadsheets/Databases	20,948	28	48	52	510	514	493
None	12,477	17	35	65	498	496	484

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
6,533	17,059	6,159	626	637	614

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	527	8
2	2,272	35
3	3,156	48
4 or More	578	9

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	2,737	608	109	2,496	640	97	615	98	623	98
History and Social Studies										
U.S. History	2,767	626	107	2,605	646	90	636	95	630	93
World History	362	616	108	338	653	94	630	95	628	94
Mathematics										
Mathematics Level 1	3,033	596	109	2,752	603	96	622	96	595	97
Mathematics Level 2	2,659	669	99	2,558	645	92	687	79	634	91
Science										
Biology-E	674	603	111	618	624	97	629	102	610	95
Biology-M	784	654	86	772	645	83	659	82	637	86
Chemistry	1,333	644	105	1,295	648	93	681	86	635	93
Physics	679	663	94	664	653	90	707	76	637	87
Foreign and Classical Languages										
Chinese/Listening	89	777	49	87	583	145	693	93	585	131
French	298	625	122	291	627	107	618	96	629	98
French/Listening	61	636	115	61	646	94	634	87	630	87
German	11	684		10	617		651		614	
German/Listening	12	726		11	630		648		605	
Modern Hebrew	21	681		20	597		635		627	
Italian	23	733		23	544		565		541	
Japanese/Listening	12	670		12	621		672		587	
Korean/Listening	32	754	85	32	520	127	663	85	531	111
Latin	47	602	106	46	676	61	673	79	671	75
Spanish	1,174	681	117	1,150	621	92	625	93	621	91
Spanish/Listening	251	704	103	249	625	84	613	82	616	81

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	230	8	357	13	51	14
700-740	449	16	445	16	52	14
650-690	504	18	557	20	50	14
600-640	462	17	459	17	57	16
550-590	377	14	318	11	57	16
500-540	253	9	265	10	41	11
450-490	182	7	151	5	27	7
400-440	153	6	135	5	17	5
350-390	103	4	65	2	9	2
300-340	23	1	15	1	1	0
250-290	1	0				
200-240						
Total	2,737		2,767		362	
Mean	608		626		616	
SD	109		107		108	
75th percentile	690		710		700	
50th percentile	630		640		620	
25th percentile	540		550		540	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	136	4	751	28	57	8	115	15	246	18	163	24
700-740	467	15	420	16	93	14	158	20	249	19	112	16
650-690	548	18	458	17	128	19	188	24	236	18	129	19
600-640	586	19	431	16	114	17	139	18	215	16	108	16
550-590	386	13	305	11	98	15	96	12	141	11	89	13
500-540	310	10	136	5	69	10	53	7	104	8	45	7
450-490	231	8	100	4	46	7	20	3	68	5	24	4
400-440	189	6	40	2	31	5	9	1	52	4	9	1
350-390	136	4	15	1	28	4	3	0	21	2		
300-340	40	1	3	0	8	1	3	0	1	0		
250-290	4	0			2	0						
200-240												
Total	3,033		2,659		674		784		1,333		679	
Mean	596		669		603		654		644		663	
SD	109		99		111		86		105		94	
75th percentile	680		750		690		720		730		740	
50th percentile	610		670		620		670		660		670	
25th percentile	520		600		530		600		580		600	

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	78	88	59	20	13	21	4	36	5	42	9	43
700-740	6	7	42	14	9	15	1	9	3	25	3	14
650-690	2	2	40	13	6	10	3	27	3	25	3	14
600-640	1	1	45	15	10	16					1	5
550-590	1	1	24	8	8	13	2	18	1	8	1	5
500-540			31	10	8	13	1	9			1	5
450-490	1	1	33	11	4	7					2	10
400-440			16	5	1	2					1	5
350-390			7	2	2	3						
300-340			1	0								
250-290												
200-240												
Total	89		298		61		11		12		21	
Mean	777		625		636		684		726		681	
SD	49		122		115							
75th percentile	800		720		720						780	
50th percentile	800		640		630						700	
25th percentile	770		520		540						560	

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	14	61	3	25	25	78	3	6	474	40	130	52
700-740	5	22	3	25	2	6	7	15	159	14	38	15
650-690	2	9	2	17	2	6	7	15	155	13	23	9
600-640			2	17	1	3	9	19	132	11	14	6
550-590	1	4	1	8	1	3	5	11	75	6	19	8
500-540							9	19	69	6	14	6
450-490	1	4					3	6	45	4	6	2
400-440			1	8	1	3	2	4	38	3	6	2
350-390							2	4	21	2	1	0
300-340									4	0		
250-290									2	0		
200-240												
Total	23		12		32		47		1,174		251	
Mean	733		670		754		602		681		704	
SD					85		106		117		103	
75th percentile	780				800		690		780		790	
50th percentile	750				790		600		710		750	
25th percentile	700				770		520		610		650	

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	408	1	483	475	460
Architecture and Related Services	1,684	2	486	517	474
Area, Ethnic, Cultural and Gender Studies	41	0	544	488	526
Biological and Biomedical Sciences	3,338	5	533	531	513
Business Management, Marketing, and Related Support Services	10,143	15	478	490	464
Communication, Journalism and Related Programs	2,772	4	518	493	508
Computer and Information Sciences and Support Services	2,101	3	499	510	464
Construction Trades	51	0	449	468	427
Education	3,600	5	478	468	468
Engineering	5,214	8	516	561	492
Engineering Technologies/Technicians	1,006	1	467	500	445
English Language and Literature/Letters	800	1	598	528	573
Family and Consumer Sciences/Human Sciences	146	0	462	455	457
Foreign Languages, Literatures, and Linguistics	356	1	575	529	553
Health Professions and Related Clinical Services	15,859	23	485	486	475
History	667	1	551	509	514
Legal Professions and Studies	2,965	4	509	495	493
Liberal Arts and Sciences, General Studies, and Humanities	465	1	552	509	530
Library Science/Librarianship	12	0	563	498	500
Mathematics and Statistics	463	1	516	588	503
Mechanic and Repair Technologies/Technician	249	0	438	450	406
Military Sciences	207	0	521	521	487
Multi/Interdisciplinary Studies	81	0	588	565	572
Natural Resources and Conservation	234	0	518	510	496
Parks, Recreation, Leisure and Fitness Studies	447	1	458	470	444
Personal and Culinary Services	311	0	459	446	443
Philosophy and Religious Studies	192	0	562	526	527
Physical Sciences	838	1	543	555	518
Precision Production					
Psychology	3,784	5	506	482	491
Public Administration and Social Services Professions	161	0	472	444	458
Security and Protective Services	1,155	2	452	449	437
Social Sciences	1,107	2	558	524	537
Theology and Religious Vocations	190	0	549	524	527
Transportation and Materials Moving	67	0	468	487	440
Visual and Performing Arts	5,613	8	515	492	498
Other	1,069	2	464	461	446
Undecided	1,705	2	529	532	512
Degree-Level Goal					
Certificate Program	733	1	444	444	425
Associate Degree	1,227	1	424	417	413
Bachelor's Degree	21,728	25	473	472	456
Master's Degree	27,160	31	499	501	483
Doctoral or Related Degree	20,596	24	520	519	505
Other	411	0	427	427	418
Undecided	14,992	17	506	506	488

College Plans

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

Of the 98,952 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 70,058 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 2,687 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY CENTRAL FLORIDA	FL	Public	32,057	45.8
UNIVERSITY OF FLORIDA	FL	Public	31,791	45.4
FLORIDA STATE UNIVERSITY	FL	Public	30,658	43.8
UNIVERSITY OF SOUTH FLORIDA	FL	Public	24,050	34.3
FLORIDA INTERNATIONAL UNIVERSITY	FL	Public	13,397	19.1
UNIVERSITY OF MIAMI	FL	Private	11,610	16.6
FLORIDA ATLANTIC UNIVERSITY	FL	Public	10,117	14.4
UNIVERSITY OF NORTH FLORIDA	FL	Public	9,139	13.0
FLORIDA GULF COAST UNIVERSITY	FL	Public	6,188	8.8
UNIVERSITY OF TAMPA	FL	Private	3,551	5.1
FLORIDA AGRICULTURAL MECHANICAL UNIVERSI	FL	Public	3,523	5.0
NCAA ELIGIBILITY CENTER	IA	Public	2,759	3.9
STETSON UNIVERSITY	FL	Private	2,568	3.7
UNIVERSITY OF WEST FLORIDA	FL	Public	2,533	3.6
NEW YORK UNIVERSITY	NY	Private	2,508	3.6
NOVA SOUTHEASTERN UNIVERSITY	FL	Private	2,456	3.5
VALENCIA COMMUNITY COLLEGE	FL	Public	2,331	3.3
DUKE UNIVERSITY	NC	Private	2,324	3.3
FLAGLER COLLEGE	FL	Private	2,200	3.1
MIAMI DADE COLLEGE	FL	Public	2,161	3.1
BETHUNE-COOKMAN COLLEGE	FL	Private	1,971	2.8
ROLLINS COLLEGE WINTER PARK	FL	Private	1,928	2.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	1,860	2.7
AUBURN UNIVERSITY	AL	Public	1,845	2.6
BOSTON UNIVERSITY	MA	Private	1,818	2.6
EMORY UNIVERSITY	GA	Private	1,710	2.4
SANTA FE COMMUNITY COLLEGE FLORIDA	FL	Public	1,670	2.4
BARRY UNIVERSITY	FL	Private	1,624	2.3
HILLSBOROUGH COMMUNITY COLLEGE	FL	Public	1,608	2.3
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,601	2.3
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	1,592	2.3
FLORIDA SOUTHERN COLLEGE	FL	Private	1,582	2.3
JACKSONVILLE UNIVERSITY	FL	Private	1,576	2.2
CORNELL UNIVERSITY	NY	Private	1,400	2.0
YALE UNIVERSITY	CT	Private	1,400	2.0
PRINCETON UNIVERSITY	NJ	Private	1,325	1.9
FLORIDA COMMUNITY COLLEGE AT JACKSONVILL	FL	Public	1,303	1.9
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	1,222	1.7
UNIVERSITY OF GEORGIA ATHENS	GA	Public	1,213	1.7
NEW COLLEGE OF FLORIDA	FL	Public	1,204	1.7
BOSTON COLLEGE	MA	Private	1,204	1.7
VANDERBILT UNIVERSITY	TN	Private	1,177	1.7
GEORGETOWN UNIVERSITY	DC	Private	1,082	1.5
TULANE UNIVERSITY	LA	Private	1,077	1.5
STANFORD UNIVERSITY	CA	Private	1,057	1.5

*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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