



2008 College-Bound Seniors

State Profile Report

NEW JERSEY

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	85,382	495	113	513	119	496	114	49.2	11.4	7.4	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	40,762	498	115	530	121	490	115	48.8	11.4	7.2	1.7
Female	44,558	493	112	498	114	503	113	49.6	11.4	7.6	1.5
No Response**	62	392	83	398	95	398	82	39.6	8.8	6.3	1.4

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

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

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Senior (2007-2008)	61,357	485	108	502	114	486	109	48.1	10.9	7.3	1.6
Junior (2006-2007)	23,854	522	121	542	124	525	121	51.9	12.2	7.6	1.7
Sophomore (2005-2006)	112	475	147	477	150	450	134	45.3	13.7	6.7	1.7
Freshman (2004-2005)	59	392	123	430	138	367	118	36.8	12.2	5.5	1.8
Total	85,382	495	113	513	119	496	114	49.2	11.4	7.4	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	1,518,859	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 85,382 students in this report, 85,358 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	590	570	580	590	570
50th	490	510	490	500	510	490
25th	420	430	420	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	711	625	1,336	1,673	829	2,502	670	820	1,490
700–740	1,282	1,146	2,428	2,073	1,253	3,326	1,194	1,507	2,701
650–690	2,249	2,247	4,496	3,976	2,834	6,810	2,225	2,829	5,054
600–640	4,155	4,285	8,442	4,600	4,008	8,612	3,341	4,110	7,451
550–590	5,237	5,585	10,825	6,204	6,219	12,424	5,138	6,149	11,291
500–540	6,748	7,641	14,392	6,334	7,149	13,487	6,287	7,220	13,512
450–490	6,670	7,559	14,234	5,632	7,278	12,920	7,086	7,759	14,856
400–440	6,152	6,900	13,063	4,670	6,775	11,454	6,366	6,539	12,914
350–390	4,040	4,679	8,737	3,012	4,608	7,636	4,535	4,351	8,902
300–340	1,991	2,277	4,283	1,572	2,270	3,853	2,360	2,087	4,459
250–290	959	1,000	1,964	635	816	1,455	1,033	781	1,817
200–240	568	614	1,182	381	519	903	514	395	911

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	69,625	86	47	53	492	514	493
Religiously Affiliated	9,630	12	51	49	515	512	517
Independent	2,132	3	49	51	587	594	593
Other or Unknown	3,995						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	82,276	96	496	113	514	118	498	114
Nonstandard Conditions	3,106	4	462	115	472	126	461	114

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	310	0	471	104	490	104	475	99
Asian, Asian American, or Pacific Islander	7,740	9	531	127	591	124	541	126
Black or African American	9,867	12	416	101	418	99	415	96
Mexican or Mexican American	497	1	444	109	454	110	434	107
Puerto Rican	2,577	3	445	99	450	101	440	96
Other Hispanic, Latino, or Latin American	7,049	8	441	103	454	102	440	101
White	50,155	59	518	102	535	105	520	103
Other	2,845	3	484	119	501	124	487	118
No Response	4,342	5	474	132	479	131	472	131
Total	85,382	100	495	113	513	119	496	114

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	157	0	472	108	506	115	462	103
Asian, Asian American, or Pacific Islander	3,943	5	530	128	601	125	531	128
Black or African American	4,333	5	411	101	424	104	403	95
Mexican or Mexican American	223	0	457	115	480	118	442	111
Puerto Rican	1,122	1	447	99	466	104	434	97
Other Hispanic, Latino, or Latin American	3,117	4	445	105	472	106	436	101
White	24,490	29	520	104	552	108	512	104
Other	1,283	2	490	121	522	126	482	118
No Response	2,094	2	470	132	487	134	461	130
Total	40,762	48	498	115	530	121	490	115

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	153	0	471	99	475	90	487	94
Asian, Asian American, or Pacific Islander	3,795	4	533	127	581	123	551	123
Black or African American	5,519	6	420	100	413	95	425	95
Mexican or Mexican American	274	0	433	102	433	98	428	103
Puerto Rican	1,454	2	444	99	437	96	444	94
Other Hispanic, Latino, or Latin American	3,928	5	437	101	440	96	444	100
White	25,644	30	516	100	520	100	528	102
Other	1,562	2	479	118	483	119	491	117
No Response	2,229	3	478	133	473	128	483	131
Total	44,558	52	493	112	498	114	503	113

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	85,382	100	495	113	513	119	496	114
First Language Learned								
English	59,013	76	499	107	512	111	499	107
English and Another	12,437	16	471	112	495	121	476	114
Another Language	6,551	8	460	121	506	130	469	121
No Response	7,381							
Citizenship								
U.S. Citizen / U.S. National	72,909	95	495	108	510	113	496	109
U.S. Permanent Resident or Refugee	3,034	4	442	122	496	132	453	122
Citizen of Another Country	996	1	442	122	521	132	457	122
Other, Unknown, or No Response	8,443							
Disabling Condition								
Yes	4,980	6	464	112	472	117	456	109
Unknown or No Response	80,402							
Plans to Apply for Financial Aid								
Yes	50,243	70	484	108	499	112	485	107
No	5,637	8	521	106	544	111	530	110
Don't Know	16,255	23	504	109	526	113	506	110
Family Income								
\$0 - \$20,000	4,239	8	405	100	426	107	409	98
\$20,000–\$40,000	6,314	12	441	102	459	106	441	100
\$40,000–\$60,000	6,768	13	471	102	484	106	469	100
\$60,000–\$80,000	7,370	14	485	100	501	105	484	100
\$80,000–\$100,000	7,332	14	500	100	516	105	499	99
\$100,000–\$120,000	6,388	13	509	98	527	102	508	99
\$120,000–\$140,000	3,126	6	512	100	529	104	512	99
\$140,000–\$160,000	2,466	5	522	97	539	103	523	98
\$160,000–\$200,000	2,822	6	525	99	547	104	528	101
More than \$200,000	4,203	8	552	98	574	101	560	102
No Response	34,354							
Highest Level of Parental Education								
No High School Diploma	2,820	4	403	96	430	104	407	94
High School Diploma	24,577	34	453	97	468	103	453	95
Associate Degree	5,402	7	472	95	486	99	470	94
Bachelor's Degree	22,489	31	512	101	530	106	513	102
Graduate Degree	16,804	23	547	108	565	112	551	109
Took the PSAT/NMSQT®								
Yes, As a Junior	25,043	36	480	103	497	107	480	101
Yes, As a Sophomore or Younger	9,436	14	493	106	511	112	494	106
Yes, As a Junior and As a Sophomore or Younger	24,164	35	533	102	553	106	539	103
No	10,662	15	435	103	448	107	430	98

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	8,329	26	42	58	579	606	585
Second Tenth	8,399	26	45	55	513	538	517
Second Fifth	6,615	21	50	50	475	497	477
Final Three Fifths	8,756	27	53	47	430	442	428
No Response	53,283						

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)	2,758	4	41	59	601	626	611
A (93–96)	11,183	15	38	62	565	587	572
A- (90–92)	13,701	18	42	58	535	560	541
B (80–89)	38,429	51	49	51	469	484	468
C (70–79)	9,154	12	59	40	408	416	401
D, E, or F (below 70)	226	0	68	32	390	396	385
No Response	9,931						
Mean Grade Point Average	All Students: 3.25		Male: 3.16		Female: 3.32		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.0	2.3	2.1	3.62	3.80	3.71
English and Language Arts	3.9	3.9	3.9	3.13	3.38	3.26
Foreign and Classical Languages	2.8	3.0	2.9	3.08	3.36	3.23
Mathematics	3.8	3.8	3.8	3.10	3.12	3.11
Natural Sciences	3.6	3.6	3.6	3.15	3.21	3.18
Social Sciences and History	3.6	3.5	3.5	3.28	3.35	3.32
Total for All Subjects	19.7	20.1	19.8			

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	2,040	3	44	55	512	521	515
4 Years	57,534	85	47	53	498	516	499
3 Years	7,734	11	46	54	456	472	458
2 Years	489	1	47	53	434	466	442
1 Year	162	0	46	54	390	421	401
1/2 Year or Less	116	0	53	47	406	449	402
No Response	17,307						
Course Work or Experience							
English/Language Arts	61,902	96	46	54	493	510	495
Journalism	8,365	13	39	61	496	497	500
Creative Writing	18,235	28	42	58	489	495	491
American Literature	34,641	54	45	55	507	520	509
Composition/Writing	20,661	32	44	56	497	506	499
British Literature	23,588	36	44	56	516	529	517
World Literature	22,049	34	46	54	506	519	506
Communications	5,777	9	47	53	485	498	487
Public Speaking	12,167	19	43	57	499	511	501
English As Second Language	3,125	5	43	57	418	477	431
AP®/Honors Courses	20,487	30	37	63	570	578	575

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	4,304	6	51	49	522	568	524
4 Years	47,982	70	47	53	503	523	505
3 Years	15,079	22	44	56	456	457	454
2 Years	545	1	48	52	418	429	421
1 Year	116	0	49	51	392	407	401
1/2 Year or Less	139	0	48	52	409	420	404
No Response	17,217						
Highest Level of Mathematics Achieved*							
Calculus	16,276	24	50	50	568	616	575
Pre-calculus	18,670	28	45	55	509	529	511
Trigonometry	6,439	10	45	55	479	488	480
Algebra II	22,019	33	46	54	445	444	443
Algebra I	3,183	5	49	51	402	396	398
AP/Honors Courses	17,530	26	47	53	567	608	573

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

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	3,297	5	49	51	540	577	543
4 Years	37,169	55	48	52	512	534	514
3 Years	24,064	36	44	56	465	474	466
2 Years	1,896	3	50	50	435	449	434
1 Year	677	1	43	57	429	442	430
1/2 Year or Less	445	1	40	60	404	417	405
No Response	17,834						
Course Work or Experience							
Biology	64,596	98	46	54	494	512	496
Chemistry	60,439	92	46	54	501	520	503
Physics	35,414	54	50	50	524	552	526
Geology, Earth, or Space Science	36,451	55	47	53	472	486	472
Other Sciences	24,080	36	43	57	490	504	491
AP/Honors Courses	17,850	26	45	55	573	602	577

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	2,720	4	48	52	538	548	538
4 Years	34,119	50	49	51	516	530	517
3 Years	28,379	42	45	55	467	489	469
2 Years	1,937	3	45	54	431	452	433
1 Year	342	1	46	54	406	431	422
1/2 Year or Less	275	0	46	53	401	418	403
No Response	17,610						
Course Work or Experience							
U.S. History	63,574	97	46	54	494	511	495
World History or Cultures	55,881	85	46	54	497	514	498
U.S. Government or Civics	17,663	27	48	52	496	508	495
Economics	8,552	13	56	44	512	536	513
Geography	6,899	10	45	55	470	482	470
Psychology	17,113	26	34	66	508	516	511
European History	14,464	22	49	51	524	533	524
Sociology	11,361	17	37	63	491	499	493
Ancient History	8,800	13	51	49	501	510	499
Other Courses	12,271	19	44	56	498	510	498
AP/Honors Courses	20,002	30	43	57	571	584	574

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		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	2,035	3	39	61	547	562	554
4 Years	18,495	27	41	59	547	563	554
3 Years	20,717	31	46	54	501	520	502
2 Years	23,630	35	52	48	453	469	449
1 Year	1,947	3	53	46	398	411	394
1/2 Year or Less	926	1	52	48	382	407	378
No Response	17,632						
Course Work or Experience							
Chinese	543	1	49	51	535	589	538
French	11,157	17	37	63	513	523	514
German	2,486	4	59	41	529	539	516
Greek	155	0	50	50	520	527	523
Hebrew	445	1	38	62	557	551	564
Italian	5,572	8	45	55	490	506	492
Japanese	443	1	55	45	523	536	514
Korean	94	0	51	49	459	532	471
Latin	4,882	7	53	47	550	561	545
Russian	281	0	42	58	512	528	513
Spanish	46,409	70	47	53	485	503	487
Other Languages	1,044	2	40	60	451	474	457
AP/Honors Courses	14,303	21	38	62	573	590	582

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	1,920	3	41	59	515	527	516
4 Years	14,103	21	40	60	517	527	519
3 Years	8,915	14	42	58	491	505	493
2 Years	14,338	22	47	53	487	505	488
1 Year	16,793	26	51	49	490	514	491
1/2 Year or Less	9,692	15	53	46	472	491	473
No Response	19,621						
Course Work or Experience							
Acting or Play Production	9,748	16	33	67	525	520	526
Art History or Appreciation	11,837	20	41	59	495	505	497
Dance	6,496	11	11	89	480	486	491
Drama: Study or Appreciation	7,423	12	31	69	507	505	510
Music: Study or Appreciation	8,227	14	50	50	517	523	517
Music Performance	18,812	31	41	59	517	529	519
Photography or Film	12,721	21	42	58	506	518	507
Studio Art and Design	13,804	23	39	61	505	518	506
None	13,257	22	58	42	468	493	468
AP/Honors Courses	4,171	6	39	61	565	578	569

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Course Work or Experience							
Computer Literacy	36,928	61	47	53	498	514	499
Computer Programming	11,327	19	58	42	493	520	493
Word Processing	39,442	65	46	54	497	513	498
Internet Activity	28,952	48	48	52	500	517	501
Using Computer Graphics	20,773	34	53	46	502	523	502
Creating Spreadsheets/Databases	18,403	30	49	51	507	527	508
None	8,600	14	38	62	490	505	495

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
14,686	36,386	14,351	624	653	632

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	1,599	11
2	6,285	43
3	5,348	36
4 or More	1,454	10

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

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

	SAT Subject Test			SAT Reasoning Test							
	N	Mean	SD	N	Critical Reading		Mathematics		Writing		
					Mean	SD	Mean	SD	Mean	SD	
English											
Literature	5,086	616	98	4,930	640	89	625	89	645	88	
History and Social Studies											
U.S. History	5,810	641	95	5,695	646	83	649	87	648	84	
World History	408	613	107	397	654	91	634	93	640	94	
Mathematics											
Mathematics Level 1	6,523	623	88	6,340	602	87	638	81	615	87	
Mathematics Level 2	6,427	690	85	6,325	644	88	701	69	653	85	
Science											
Biology-E	1,489	624	92	1,445	634	89	654	89	638	90	
Biology-M	2,643	654	87	2,607	647	88	677	82	654	85	
Chemistry	3,580	662	96	3,533	646	92	697	77	654	87	
Physics	1,709	662	90	1,694	646	88	708	69	646	87	
Foreign and Classical Languages											
Chinese/Listening	224	768	53	222	604	122	701	73	611	111	
French	518	606	111	507	647	91	646	87	658	88	
French/Listening	108	591	108	107	636	74	623	79	638	75	
German	32	586	120	32	651	73	643	83	674	64	
German/Listening	53	543	121	52	617	89	624	85	635	94	
Modern Hebrew	59	670	122	58	641	79	648	69	661	77	
Italian	58	609	127	57	602	78	614	90	615	81	
Japanese/Listening	67	730	89	66	580	105	674	77	601	89	
Korean/Listening	123	766	64	120	572	120	677	82	586	113	
Latin	143	613	101	139	676	81	673	80	674	76	
Spanish	1,102	614	109	1,080	621	90	630	91	642	90	
Spanish/Listening	224	619	117	221	617	89	615	89	628	91	

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	404	8	808	14	52	13
700-740	755	15	1,027	18	53	13
650-690	1,053	21	1,235	21	65	16
600-640	928	18	1,007	17	67	16
550-590	786	15	773	13	56	14
500-540	552	11	507	9	40	10
450-490	308	6	260	4	51	13
400-440	186	4	126	2	18	4
350-390	84	2	52	1	4	1
300-340	28	1	15	0	2	0
250-290	2	0				
200-240						
Total	5,086		5,810		408	
Mean	616		641		613	
SD	98		95		107	
75th percentile	690		710		700	
50th percentile	630		650		620	
25th percentile	550		580		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	314	5	2,075	32	122	8	370	14	809	23	354	21
700-740	1,174	18	1,248	19	231	16	560	21	683	19	307	18
650-690	1,367	21	1,130	18	307	21	613	23	705	20	336	20
600-640	1,536	24	1,028	16	318	21	474	18	523	15	307	18
550-590	978	15	622	10	239	16	309	12	390	11	226	13
500-540	591	9	196	3	135	9	192	7	251	7	103	6
450-490	278	4	82	1	80	5	78	3	127	4	59	3
400-440	166	3	32	0	37	2	26	1	72	2	16	1
350-390	89	1	11	0	10	1	16	1	20	1	1	0
300-340	29	0	3	0	10	1	5	0				
250-290	1	0										
200-240												
Total	6,523		6,427		1,489		2,643		3,580		1,709	
Mean	623		690		624		654		662		662	
SD	88		85		92		87		96		90	
75th percentile	690		760		690		720		740		730	
50th percentile	630		700		630		660		680		670	
25th percentile	570		630		570		600		600		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	180	80	69	13	11	10	3	9	5	9	22	37
700-740	24	11	61	12	8	7	5	16	3	6	4	7
650-690	10	4	70	14	15	14	1	3	3	6	11	19
600-640	5	2	76	15	19	18	5	16	3	6	7	12
550-590	3	1	76	15	17	16	5	16	6	11	4	7
500-540	1	0	67	13	11	10	6	19	14	26	3	5
450-490	1	0	63	12	17	16	4	13	7	13	6	10
400-440			27	5	9	8			7	13	1	2
350-390			8	2	1	1	3	9	3	6	1	2
300-340			1	0					2	4		
250-290												
200-240												
Total	224		518		108		32		53		59	
Mean	768		606		591		586		543		670	
SD	53		111		108		120		121		122	
75th percentile	800		690		670		650		590		790	
50th percentile	790		600		580		580		520		670	
25th percentile	760		510		490		500		450		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	7	12	44	66	100	81	14	10	145	13	49	22
700-740	12	21	6	9	13	11	24	17	134	12	21	9
650-690	8	14	7	10	1	1	21	15	178	16	25	11
600-640	9	16	2	3	4	3	23	16	181	16	31	14
550-590	5	9	6	9	1	1	21	15	160	15	36	16
500-540	6	10			3	2	15	10	128	12	26	12
450-490	3	5	1	1	1	1	21	15	106	10	19	8
400-440	3	5					2	1	48	4	9	4
350-390	2	3	1	1			2	1	16	1	5	2
300-340	3	5							6	1	3	1
250-290												
200-240												
Total	58		67		123		143		1,102		224	
Mean	609		730		766		613		614		619	
SD	127		89		64		101		109		117	
75th percentile	710		790		800		700		700		730	
50th percentile	630		760		790		610		620		620	
25th percentile	520		690		770		520		530		540	

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Intended College Major					
Agriculture, Agriculture Operations, and Related Sciences	170	0	472	467	466
Architecture and Related Services	1,238	2	475	528	478
Area, Ethnic, Cultural and Gender Studies	31	0	530	487	529
Biological and Biomedical Sciences	2,836	5	531	551	531
Business Management, Marketing, and Related Support Services	9,484	17	481	513	485
Communication, Journalism and Related Programs	2,473	4	515	499	520
Computer and Information Sciences and Support Services	1,631	3	486	518	472
Construction Trades	71	0	402	450	403
Education	5,770	10	466	478	473
Engineering	3,325	6	516	578	511
Engineering Technologies/Technicians	718	1	442	490	436
English Language and Literature/Letters	825	1	582	534	579
Family and Consumer Sciences/Human Sciences	133	0	448	466	461
Foreign Languages, Literatures, and Linguistics	300	1	566	537	564
Health Professions and Related Clinical Services	8,922	16	482	502	489
History	815	1	530	508	511
Legal Professions and Studies	1,933	3	499	502	498
Liberal Arts and Sciences, General Studies, and Humanities	692	1	535	525	536
Library Science/Librarianship	9	0	584	552	547
Mathematics and Statistics	557	1	508	601	515
Mechanic and Repair Technologies/Technician	206	0	400	431	391
Military Sciences	104	0	511	521	493
Multi/Interdisciplinary Studies	62	0	579	574	575
Natural Resources and Conservation	171	0	529	517	511
Parks, Recreation, Leisure and Fitness Studies	350	1	454	486	457
Personal and Culinary Services	306	1	441	454	440
Philosophy and Religious Studies	103	0	583	562	563
Physical Sciences	701	1	543	579	541
Precision Production	4	0			
Psychology	3,026	5	498	488	500
Public Administration and Social Services Professions	197	0	455	440	452
Security and Protective Services	1,315	2	438	456	435
Social Sciences	937	2	563	545	553
Theology and Religious Vocations	58	0	533	516	515
Transportation and Materials Moving	25	0	443	490	438
Visual and Performing Arts	4,749	8	499	492	497
Other	717	1	456	472	453
Undecided	2,084	4	514	536	516
Degree-Level Goal					
Certificate Program	709	1	422	441	420
Associate Degree	739	1	397	411	399
Bachelor's Degree	19,377	27	463	478	462
Master's Degree	22,079	31	497	517	500
Doctoral or Related Degree	11,530	16	527	544	530
Other	373	1	428	445	427
Undecided	17,214	24	506	523	507

College Plans

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

Of the 85,717 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 65,921 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 2,532 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
RUTGERS UNIVERSITY	NJ	Public	31,719	48.1
MONTCLAIR STATE UNIVERSITY	NJ	Public	12,420	18.8
COLLEGE OF NEW JERSEY	NJ	Public	10,629	16.1
ROWAN UNIVERSITY	NJ	Public	9,378	14.2
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	8,826	13.4
UNIVERSITY OF DELAWARE	DE	Public	7,673	11.6
KEAN UNIVERSITY	NJ	Public	6,629	10.1
SETON HALL UNIVERSITY	NJ	Private	6,507	9.9
WILLIAM PATERSON UNIVERSITY OF NEW JERSEY	NJ	Public	6,496	9.9
MONMOUTH UNIVERSITY	NJ	Private	6,016	9.1
NEW YORK UNIVERSITY	NY	Private	6,003	9.1
RAMAPO COLLEGE OF NEW JERSEY	NJ	Public	5,991	9.1
DREXEL UNIVERSITY	PA	Private	5,523	8.4
RIDER UNIVERSITY	NJ	Private	4,971	7.5
RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	Public	4,572	6.9
BOSTON UNIVERSITY	MA	Private	4,513	6.8
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	4,390	6.7
VILLANOVA UNIVERSITY	PA	Private	4,180	6.3
NORTHEASTERN UNIVERSITY	MA	Private	3,953	6.0
TEMPLE UNIVERSITY	PA	Private	3,886	5.9
CORNELL UNIVERSITY	NY	Private	3,830	5.8
PRINCETON UNIVERSITY	NJ	Private	3,774	5.7
LEHIGH UNIVERSITY	PA	Private	3,607	5.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	3,468	5.3
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	Public	3,443	5.2
BOSTON COLLEGE	MA	Private	3,376	5.1
SYRACUSE UNIVERSITY	NY	Private	3,210	4.9
FORDHAM UNIVERSITY	NY	Private	3,190	4.8
QUINNIPIAC UNIVERSITY	CT	Private	2,825	4.3
UNIVERSITY OF CONNECTICUT	CT	Public	2,752	4.2
NCAA ELIGIBILITY CENTER	IA	Public	2,729	4.1
UNIVERSITY OF RHODE ISLAND	RI	Public	2,599	3.9
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	2,561	3.9
TOWSON UNIVERSITY	MD	Public	2,530	3.8
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	2,448	3.7
FAIRLEIGH DICKINSON UNIVERSITY MADISON	NJ	Private	2,425	3.7
HOFSTRA UNIVERSITY	NY	Private	2,239	3.4
MARIST COLLEGE	NY	Private	2,218	3.4
GEORGETOWN UNIVERSITY	DC	Private	2,213	3.4
JOHNS HOPKINS UNIVERSITY	MD	Private	2,197	3.3
UNIVERSITY OF SCRANTON	PA	Private	2,101	3.2
SAINT JOSEPHS UNIVERSITY	PA	Private	2,098	3.2
DREW UNIVERSITY	NJ	Private	2,067	3.1
NEW JERSEY CITY UNIVERSITY	NJ	Public	2,013	3.1
FAIRLEIGH DICKINSON UNIVERSITY TEANECK	NJ	Private	2,002	3.0

*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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