



2011 College-Bound Seniors

State Profile Report

NEW JERSEY

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT® (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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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.
- Look at 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 and in schoolwork.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT 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 scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT 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 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.org.

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 to 800 point 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: Inspiring Minds™

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 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 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.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2011

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	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

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 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	86,515	495	113	516	118	497	115	49.2	11.7	7.7	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	41,414	499	115	531	120	491	116	48.8	11.7	7.5	1.6
Female	45,101	492	112	502	114	504	114	49.5	11.6	7.8	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	59,403	482	108	503	112	483	109	47.8	11.1	7.5	1.5
Junior (2009-2010)	26,978	523	120	544	125	529	122	52.3	12.3	7.9	1.5
Sophomore (2008-2009)	125	557	154	573	154	550	151	54.7	14.9	7.9	1.9
Freshman (2007-2008)	9	476		479		490		48.9		7.2	
Total	86,515	495	113	516	118	497	115	49.2	11.7	7.7	1.5

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	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT 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 Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	570	600	570	570	600	560
50th	490	510	490	490	510	480
25th	420	430	420	420	430	410

Table 6: Score Distributions

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit www.collegeboard.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	2,072	1,898	3,970	3,844	2,345	6,189	2,144	2,647	4,791
600-690	6,552	6,379	12,931	8,919	7,331	16,250	5,599	6,987	12,586
500-590	12,163	12,956	25,119	12,040	12,958	24,998	11,339	13,191	24,530
400-490	13,137	15,197	28,334	11,407	14,800	26,207	13,714	14,617	28,331
300-390	6,063	7,223	13,286	4,229	6,336	10,565	7,136	6,530	13,666
200-290	1,427	1,448	2,875	975	1,331	2,306	1,482	1,129	2,611

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	72,416	86	47	53	492	516	494
Religiously Affiliated	9,613	11	52	48	518	517	519
Independent	2,092	2	48	52	589	597	596
Other or Unknown	2,394		52	48	424	436	422

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	4,806	6	453	112	462	116	448	110
Nonstandard Conditions	3,410	4	459	112	471	123	462	112

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT 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	234	0	468	106	484	116	463	113
Asian, Asian American, or Pacific Islander	8,657	10	544	124	607	119	562	127
Black or African American	10,948	13	418	102	425	101	416	97
Mexican or Mexican American	750	1	437	99	468	97	439	101
Puerto Rican	2,803	3	440	101	450	101	438	98
Other Hispanic, Latino, or Latin American	8,348	10	442	103	463	103	440	103
White	49,042	57	519	102	537	104	521	103
Other	2,757	3	489	121	507	121	492	122
No Response	2,976	3	470	114	476	116	464	112
Total	86,515	100	495	113	516	118	497	115

Table 10: Male Mean Scores by Ethnicity

SAT 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	119	0	474	114	502	125	454	121
Asian, Asian American, or Pacific Islander	4,361	5	543	125	615	121	551	128
Black or African American	4,979	6	416	104	432	104	405	97
Mexican or Mexican American	313	0	447	101	487	102	438	103
Puerto Rican	1,289	1	446	103	468	104	435	100
Other Hispanic, Latino, or Latin American	3,782	4	446	104	479	104	436	100
White	23,914	28	523	104	552	106	512	105
Other	1,206	1	494	125	523	127	485	126
No Response	1,451	2	471	116	488	121	456	114
Total	41,414	48	499	115	531	120	491	116

Table 11: Female Mean Scores by Ethnicity

SAT 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	115	0	463	97	466	103	473	104
Asian, Asian American, or Pacific Islander	4,296	5	546	123	599	117	572	124
Black or African American	5,969	7	420	100	420	98	425	96
Mexican or Mexican American	437	1	430	97	454	91	439	100
Puerto Rican	1,514	2	434	99	435	97	439	96
Other Hispanic, Latino, or Latin American	4,566	5	438	102	449	99	444	104
White	25,128	29	515	100	522	100	529	101
Other	1,551	2	485	118	495	115	498	119
No Response	1,525	2	469	113	465	110	473	110
Total	45,101	52	492	112	502	114	504	114

Demographic Information

SAT: 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	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	86,515	100	495	113	516	118	497	115
First Language Learned								
English	62,556	74	502	109	517	112	502	110
English and Another	13,417	16	485	120	513	128	492	123
Another Language	8,592	10	465	125	517	135	477	132
No Response	1,950		491	137	501	141	490	139
Citizenship								
U.S. Citizen / U.S. National	78,443	94	499	111	518	115	501	113
U.S. Permanent Resident or Refugee	3,391	4	454	128	508	139	467	135
Citizen of Another Country	1,204	1	470	126	551	137	488	133
Other, Unknown, or No Response	3,477		447	124	471	127	447	125
Plans to Apply for Financial Aid								
Yes	56,559	74	487	110	506	114	488	111
No	5,072	7	533	111	558	114	542	116
Don't Know	14,947	20	512	113	538	117	516	116
No Response	9,937		495	127	516	132	497	130
Family Income								
\$0 - \$20,000	4,419	9	414	100	440	106	414	99
\$20,000–\$40,000	5,745	12	448	99	470	105	447	100
\$40,000–\$60,000	5,930	12	471	103	491	108	470	103
\$60,000–\$80,000	6,136	13	488	99	505	102	486	98
\$80,000–\$100,000	6,008	13	501	101	520	105	500	101
\$100,000–\$120,000	5,858	12	510	102	532	105	511	103
\$120,000–\$140,000	3,188	7	513	100	536	106	515	102
\$140,000–\$160,000	2,553	5	524	101	545	106	524	103
\$160,000–\$200,000	3,025	6	535	101	555	104	538	104
More than \$200,000	4,668	10	565	103	588	106	574	107
No Response	38,985		498	119	519	124	502	121
Highest Level of Parental Education								
No High School Diploma	3,033	4	406	97	439	104	409	94
High School Diploma	25,099	32	454	98	472	102	453	98
Associate Degree	5,744	7	472	96	488	99	471	95
Bachelor's Degree	25,577	32	518	102	540	108	521	105
Graduate Degree	19,342	25	558	113	579	115	563	116
No Response	7,720		449	113	469	119	452	114
Took the PSAT/NMSQT®								
Yes, As a Junior	25,640	32	484	108	504	111	486	108
Yes, As a Sophomore or Younger	13,380	17	501	108	524	113	504	110
Yes, As a Junior and As a Sophomore or Younger	27,782	35	538	107	561	110	545	109
No	13,680	17	435	101	451	104	429	97
No Response	6,033		468	126	486	130	468	127

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	8,908	30	44	56	585	617	595
Second Tenth	7,859	26	46	54	514	542	517
Second Fifth	5,687	19	51	49	479	502	478
Final Three Fifths	7,534	25	53	47	428	445	425
No Response	56,527		48	52	489	507	491

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	3,287	4	43	57	604	632	614
A (93–96)	13,554	17	40	60	569	596	579
A- (90–92)	15,926	20	43	57	537	565	544
B (80–89)	38,901	48	50	50	467	486	467
C (70–79)	8,384	10	59	41	405	416	399
D, E, or F (below 70)	302	0	67	33	405	411	398
No Response	6,161		50	50	470	482	467
Mean Grade Point Average	All Students: 3.30		Male: 3.22		Female: 3.37		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.1	2.4	2.3	3.61	3.80	3.71
English and Language Arts	3.9	3.9	3.9	3.20	3.43	3.33
Foreign and Classical Languages	2.9	3.1	3.0	3.15	3.42	3.30
Mathematics	3.8	3.8	3.8	3.16	3.19	3.17
Natural Sciences	3.6	3.5	3.6	3.19	3.25	3.22
Social Sciences and History	3.5	3.5	3.5	3.33	3.39	3.36
Total for All Subjects	19.8	20.2	20.1			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	5,634	8	45	55	517	539	524
4 Years	56,016	77	48	52	503	523	504
3 Years	8,805	12	45	55	455	474	457
2 Years	1,154	2	49	51	463	486	464
1 Year	449	1	50	50	447	475	453
1/2 Year or Less	745	1	55	45	431	453	425
No Response	13,712		51	49	489	510	491
AP®/Honors Courses	23,671	33	38	62	573	585	578
Course Work or Experience							
English/Language Arts	64,953	97	46	54	496	515	498
Journalism	7,587	11	38	62	498	503	503
Creative Writing	18,466	28	40	60	489	497	493
American Literature	42,999	64	46	54	505	521	507
Composition/Writing	34,725	52	45	55	495	511	498
British Literature	24,852	37	45	55	516	530	516
World Literature	24,928	37	46	54	501	516	502
Communications	6,108	9	47	53	480	498	484
Public Speaking	12,913	19	43	57	502	517	506
English As Second Language	4,447	7	42	58	429	482	440

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	8,685	12	50	50	528	570	534
4 Years	47,255	65	48	52	507	528	509
3 Years	14,425	20	44	56	453	460	452
2 Years	1,198	2	48	52	449	472	449
1 Year	472	1	49	51	447	469	452
1/2 Year or Less	806	1	51	49	431	439	426
No Response	13,674		51	49	489	510	491
AP/Honors Courses	21,344	29	48	52	571	615	578
Highest Level of Mathematics Achieved*							
Calculus	16,001	23	51	49	573	620	581
Pre-calculus	19,745	28	46	54	515	541	518
Trigonometry	6,853	10	46	54	474	487	476
Algebra II	23,473	33	45	55	448	452	447
Algebra I	3,163	4	47	53	413	407	410

*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.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	6,392	9	48	52	543	579	549	
4 Years	37,183	52	49	51	517	539	519	
3 Years	22,733	32	44	56	464	477	465	
2 Years	2,592	4	51	49	454	470	452	
1 Year	1,328	2	49	51	455	475	454	
1/2 Year or Less	1,542	2	47	53	430	448	428	
No Response	14,745		51	49	487	508	489	
AP/Honors Courses	20,919	29	46	54	579	611	585	
Course Work or Experience								
Biology	66,875	98	46	54	497	517	499	
Chemistry	63,329	93	46	54	502	523	505	
Physics	34,986	51	50	50	526	556	529	
Geology, Earth, or Space Science	32,513	48	47	53	474	489	474	
Other Sciences	22,196	32	43	57	488	506	489	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	5,219	7	48	52	536	554	540	
4 Years	34,299	47	49	51	520	536	522	
3 Years	28,394	39	44	56	470	495	472	
2 Years	2,625	4	48	52	448	473	449	
1 Year	718	1	51	49	444	468	447	
1/2 Year or Less	997	1	52	48	422	444	419	
No Response	14,263		51	49	487	508	489	
AP/Honors Courses	23,116	32	45	55	575	591	578	
Course Work or Experience								
U.S. History	65,593	97	47	53	496	517	499	
World History or Cultures	57,651	85	46	54	499	519	501	
U.S. Government or Civics	17,238	25	49	51	497	511	497	
Economics	9,176	14	54	46	505	529	507	
Geography	8,650	13	47	53	470	487	472	
Psychology	16,525	24	36	64	510	522	513	
European History	15,300	23	48	52	524	537	526	
Sociology	9,930	15	38	62	490	500	490	
Ancient History	10,324	15	50	50	503	515	502	
Other Courses	9,663	14	46	54	494	507	493	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,482	6	40	60	546	567	558
4 Years	19,950	28	42	58	547	567	556
3 Years	22,052	30	47	53	502	524	504
2 Years	21,943	30	52	48	452	470	447
1 Year	2,064	3	53	47	410	428	407
1/2 Year or Less	1,812	3	54	46	413	434	409
No Response	14,212		52	48	486	508	488
AP/Honors Courses	16,286	23	39	61	576	598	586
Course Work or Experience							
Chinese	1,214	2	52	48	558	601	564
French	11,847	17	39	61	510	526	512
German	2,596	4	58	42	522	536	510
Greek	150	0	53	47	498	508	506
Hebrew	515	1	45	55	559	555	561
Italian	6,529	9	46	54	491	510	494
Japanese	534	1	53	47	525	550	521
Korean	136	0	46	54	487	536	500
Latin	4,663	7	53	47	553	565	549
Russian	372	1	48	52	495	510	499
Spanish	46,572	68	47	53	488	509	491
Other Languages	1,310	2	38	62	455	489	464

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,723	5	40	60	519	536	525	
4 Years	15,376	22	41	59	518	531	522	
3 Years	10,792	15	43	57	491	510	494	
2 Years	16,320	23	48	52	491	514	493	
1 Year	15,205	21	53	47	494	519	494	
1/2 Year or Less	9,332	13	53	47	471	494	471	
No Response	15,767		52	48	490	512	492	
AP/Honors Courses	5,108	7	38	62	575	590	583	
Course Work or Experience								
Acting or Play Production	10,502	16	34	66	524	524	526	
Art History or Appreciation	12,902	20	42	58	498	512	500	
Dance	8,054	12	13	87	481	492	493	
Drama: Study or Appreciation	8,665	13	31	69	503	506	507	
Music: Study or Appreciation	10,072	15	52	48	522	531	522	
Music Performance	22,582	35	44	56	522	538	525	
Photography or Film	15,815	24	41	59	503	517	506	
Studio Art and Design	16,794	26	38	62	506	524	510	
None	12,644	19	60	40	467	497	467	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	36,577	57	47	53	505	523	506
Computer Programming	12,732	20	60	40	496	527	496
Word Processing	36,296	56	45	55	503	521	505
Internet Activity	27,586	43	48	52	505	524	507
Using Computer Graphics	24,849	39	52	48	502	524	503
Creating Spreadsheets/Databases	21,643	34	47	53	508	530	511
None	10,630	17	42	58	484	503	488

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
14,562	36,968	14,332	628	661	641

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	1,593	11
2	6,132	42
3	4,845	33
4 or More	1,992	14

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

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

	SAT Subject Test			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	4,395	620	91	4,338	647	86	633	85	654	86
History and Social Studies										
U.S. History	5,765	654	91	5,686	650	82	657	84	655	85
World History	433	622	103	427	658	90	652	87	654	86
Mathematics										
Mathematics Level 1	5,743	632	81	5,653	606	87	645	77	622	86
Mathematics Level 2	7,312	697	82	7,219	646	87	702	66	661	85
Science										
Biology-E	1,917	645	88	1,891	640	87	667	83	651	89
Biology-M	2,777	668	88	2,744	645	87	682	78	660	84
Chemistry	4,249	669	95	4,189	648	88	704	71	664	85
Physics	1,841	663	89	1,818	647	88	709	65	655	87
Foreign and Classical Languages										
Chinese/Listening	259	751	74	255	626	130	707	85	648	123
French	425	611	114	415	646	83	645	82	664	81
French/Listening	80	611	122	79	635	87	638	87	656	90
German	38	568	113	37	642	70	652	69	650	74
German/Listening	26	542	145	26	602	104	629	101	623	101
Modern Hebrew	42	630	128	42	630	90	650	80	661	87
Italian	66	605	127	66	619	85	629	84	648	95
Japanese/Listening	74	699	109	74	619	112	676	77	646	98
Korean/Listening	93	770	52	90	579	102	697	76	630	97
Latin	146	589	96	144	669	72	667	76	672	72
Spanish	1,105	620	110	1,089	628	91	642	89	653	90
Spanish/Listening	182	617	121	180	608	94	612	90	629	92

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	353	8	958	17	63	15
700-740	691	16	1,252	22	56	13
650-690	821	19	1,167	20	68	16
600-640	837	19	917	16	69	16
550-590	763	17	692	12	71	16
500-540	505	11	451	8	52	12
450-490	271	6	211	4	33	8
400-440	101	2	84	1	17	4
350-390	43	1	28	0	4	1
300-340	9	0	5	0		
250-290	1	0				
200-240						
Total	4,395		5,765		433	
Mean	620		654		622	
SD	91		91		103	
75th percentile	690		720		700	
50th percentile	630		670		620	
25th percentile	560		590		550	

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	321	6	2,627	36	265	14	600	22	1,127	27	387	21
700-740	1,073	19	1,287	18	349	18	608	22	774	18	332	18
650-690	1,399	24	1,310	18	401	21	576	21	748	18	383	21
600-640	1,185	21	1,216	17	361	19	423	15	665	16	312	17
550-590	959	17	590	8	282	15	290	10	444	10	229	12
500-540	479	8	204	3	161	8	168	6	279	7	121	7
450-490	207	4	58	1	68	4	75	3	142	3	60	3
400-440	84	1	13	0	17	1	23	1	56	1	16	1
350-390	29	1	6	0	12	1	12	0	14	0	1	0
300-340	7	0	1	0	1	0	2	0				
250-290												
200-240												
Total	5,743		7,312		1,917		2,777		4,249		1,841	
Mean	632		697		645		668		669		663	
SD	81		82		88		88		95		89	
75th percentile	690		770		710		740		750		730	
50th percentile	640		710		650		680		680		670	
25th percentile	580		630		580		610		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	184	71	64	15	15	19	5	13	3	12	8	19
700-740	35	14	44	10	6	8	1	3	1	4	7	17
650-690	16	6	59	14	9	11	2	5	4	15	7	17
600-640	8	3	70	16	18	23	3	8	2	8	5	12
550-590	7	3	58	14	7	9	7	18	2	8	4	10
500-540	5	2	55	13	10	13	11	29	2	8	4	10
450-490	3	1	39	9	3	4	5	13	5	19	2	5
400-440			29	7	10	13	3	8	4	15	2	5
350-390	1	0	6	1	2	3	1	3			3	7
300-340			1	0					2	8		
250-290									1	4		
200-240												
Total	259		425		80		38		26		42	
Mean	751		611		611		568		542		630	
SD	74		114		122		113		145		128	
75th percentile	800		700		700		620		650		730	
50th percentile	790		610		620		540		500		660	
25th percentile	740		520		530		490		410		540	

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	10	15	34	46	76	82	9	6	163	15	34	19
700-740	8	12	15	20	7	8	15	10	155	14	16	9
650-690	9	14	8	11	4	4	19	13	183	17	36	20
600-640	13	20	4	5	4	4	25	17	154	14	27	15
550-590	6	9	3	4	2	2	29	20	154	14	14	8
500-540	4	6	4	5			22	15	127	11	20	11
450-490	4	6	3	4			16	11	101	9	18	10
400-440	8	12	2	3			10	7	49	4	9	5
350-390	4	6	1	1			1	1	15	1	5	3
300-340									3	0	3	2
250-290									1	0		
200-240												
Total	66		74		93		146		1,105		182	
Mean	605		699		770		589		620		617	
SD	127		109		52		96		110		121	
75th percentile	700		780		800		660		710		710	
50th percentile	620		740		790		580		630		640	
25th percentile	490		650		770		510		540		530	

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	263	0	485	498	485
Architecture and Related Services	1,324	2	490	544	494
Area, Ethnic, Cultural and Gender Studies	50	0	503	489	506
Biological and Biomedical Sciences	4,191	6	540	565	544
Business Management, Marketing, and Related Support Services	8,632	12	495	530	499
Communication, Journalism and Related Programs	2,786	4	514	505	520
Computer and Information Sciences and Support Services	1,539	2	502	537	488
Construction Trades	64	0	405	447	390
Education	5,655	8	471	487	481
Engineering	4,999	7	530	590	524
Engineering Technologies/Technicians	1,043	1	459	503	453
English Language and Literature/Letters	1,004	1	567	524	566
Family and Consumer Sciences/Human Sciences	246	0	451	466	460
Foreign Languages, Literatures, and Linguistics	443	1	561	544	567
Health Professions and Related Clinical Services	11,388	15	489	516	497
History	1,092	1	533	514	515
Legal Professions and Studies	2,308	3	502	509	503
Liberal Arts and Sciences, General Studies, and Humanities	849	1	533	520	532
Library Science And Administration	12	0	573	480	563
Mathematics and Statistics	907	1	507	593	516
Mechanic and Repair Technologies/Technician	166	0	402	440	394
Military Technologies And Applied Sciences	46	0	459	459	436
Multi/Interdisciplinary Studies	90	0	568	575	559
Natural Resources and Conservation	333	0	539	538	535
Parks, Recreation, Leisure and Fitness Studies	570	1	439	468	441
Personal and Culinary Services	430	1	449	460	438
Philosophy and Religious Studies	130	0	551	536	527
Physical Sciences	993	1	539	572	534
Precision Production	1	0			
Psychology	4,007	5	494	492	498
Public Administration and Social Services Professions	226	0	465	456	463
Security and Protective Services	2,291	3	437	457	432
Social Sciences	1,083	1	568	552	561
Theology and Religious Vocations	57	0	537	527	514
Transportation and Materials Moving	27	0	476	519	459
Visual and Performing Arts	5,889	8	495	492	497
Other	1,640	2	443	460	446
Undecided	6,929	9	531	556	534
Degree-Level Goal					
Certificate Program	743	1	431	451	429
Associate Degree	969	1	399	404	394
Bachelor's Degree	24,211	31	472	490	472
Master's Degree	23,279	30	501	523	505
Doctoral or Related Degree	13,914	18	535	559	540
Other	578	1	418	443	427
Undecided	14,270	18	504	524	505

College Plans

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

Of the 86,745 students from your state who took the SAT and/or an SAT Subject Test, 64,351 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 2,218 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
RUTGERS UNIVERSITY	NJ	Public	25,971	40.4
MONTCLAIR STATE UNIVERSITY	NJ	Public	11,006	17.1
COLLEGE OF NEW JERSEY	NJ	Public	9,440	14.7
ROWAN UNIVERSITY	NJ	Public	8,259	12.8
PENNSYLVANIA STATE UNIVERSITY	PA	Public	7,418	11.5
UNIVERSITY OF DELAWARE	DE	Public	6,731	10.5
DREXEL UNIVERSITY	PA	Private	6,359	9.9
WILLIAM PATERSON UNIVERSITY OF NEW JERSE	NJ	Public	5,798	9.0
KEAN UNIVERSITY	NJ	Public	5,622	8.7
MONMOUTH UNIVERSITY	NJ	Private	5,347	8.3
RIDER UNIVERSITY	NJ	Private	5,036	7.8
RAMAPO COLLEGE OF NEW JERSEY	NJ	Public	4,964	7.7
RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	Public	4,797	7.5
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	4,443	6.9
NEW YORK UNIVERSITY	NY	Private	4,415	6.9
NCAA ELIGIBILITY CENTER	IN	Public	4,147	6.4
NORTHEASTERN UNIVERSITY	MA	Private	4,126	6.4
SETON HALL UNIVERSITY	NJ	Private	4,087	6.4
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	3,736	5.8
BOSTON UNIVERSITY	MA	Private	3,694	5.7
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	3,446	5.4
VILLANOVA UNIVERSITY	PA	Private	3,434	5.3
CORNELL UNIVERSITY	NY	Private	3,341	5.2
FORDHAM UNIVERSITY	NY	Private	3,338	5.2
PRINCETON UNIVERSITY	NJ	Private	3,227	5.0
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	Public	3,139	4.9
LEHIGH UNIVERSITY	PA	Private	3,009	4.7
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	2,929	4.6
TEMPLE UNIVERSITY	PA	Private	2,911	4.5
BOSTON COLLEGE	MA	Private	2,895	4.5
QUINNIPIAC UNIVERSITY	CT	Private	2,779	4.3
SYRACUSE UNIVERSITY	NY	Private	2,677	4.2
UNIVERSITY OF RHODE ISLAND	RI	Public	2,588	4.0
FAIRLEIGH DICKINSON UNIVERSITY TEANECK	NJ	Private	2,540	3.9
UNIVERSITY OF CONNECTICUT	CT	Public	2,527	3.9
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	2,485	3.9
FAIRLEIGH DICKINSON UNIVERSITY MADISON	NJ	Private	2,481	3.9
TOWSON UNIVERSITY	MD	Public	2,344	3.6
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	Public	2,314	3.6
UNIVERSITY OF SCRANTON	PA	Private	2,292	3.6
JAMES MADISON UNIVERSITY	VA	Public	2,214	3.4
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	2,107	3.3
SAINT JOSEPH'S UNIVERSITY	PA	Private	1,949	3.0
MARIST COLLEGE	NY	Private	1,932	3.0
STEVENS INSTITUTE OF TECHNOLOGY	NJ	Private	1,929	3.0

*Of your students who designated that their SAT 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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