



2013 College-Bound Seniors

State Profile Report



NEW JERSEY

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

DATA EMBARGO IN EFFECT *This report contains information on college-bound students in the class of 2013 who took the SAT[®] or SAT Subject Tests[™] at any time during high school. **Data and other information in this report are embargoed from dissemination to the media and general public until the College Board's press conference in mid-September.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College-Board national press conference, please contact the College Board communications department at communications@collegeboard.org.*

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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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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.
- 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 and in schoolwork.
- 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 website 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.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2013

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
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488

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 2000–2013, 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 www.collegeboard.org/cbs.

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SAT® Data

Data in this report are for high school graduates in the year 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	83,489	499	114	522	118	500	115	49.4	11.7	7.6	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	39,825	502	116	537	120	495	116	49.1	11.7	7.4	1.6
Female	43,664	496	112	508	114	505	114	49.6	11.8	7.7	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 (2012-2013)	54,629	486	108	509	112	486	107	48.0	11.0	7.4	1.4
Junior (2011-2012)	28,785	523	121	545	124	527	124	52.0	12.6	7.9	1.5
Sophomore (2010-2011)	71	606	148	620	136	603	140	59.8	13.9	8.4	1.5
Freshman (2009-2010)	4										
Total	83,489	499	114	522	118	500	115	49.4	11.7	7.6	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	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	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 2013 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	580	570	600	560
50th	490	520	490	490	510	480
25th	420	440	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	2,188	2,063	4,251	4,182	2,536	6,718	2,107	2,566	4,673
600-690	6,248	6,164	12,412	8,599	7,322	15,921	5,697	7,016	12,713
500-590	11,821	12,909	24,730	12,101	13,034	25,135	10,905	12,452	23,357
400-490	12,676	14,601	27,277	10,367	13,994	24,361	13,233	14,421	27,654
300-390	5,540	6,528	12,068	3,707	5,614	9,321	6,643	6,171	12,814
200-290	1,352	1,399	2,751	869	1,164	2,033	1,240	1,038	2,278

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	71,125	87	47	53	495	521	496
Religiously Affiliated	8,525	10	52	48	520	524	523
Independent	2,128	3	46	54	590	602	595
Other or Unknown	1,711		48	52	442	450	436

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	4,801	6	461	112	471	117	454	109
Nonstandard Conditions	3,897	5	461	116	475	125	462	114

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	233	0	459	102	478	105	459	100
Asian, Asian American, or Pacific Islander	8,906	11	551	128	611	122	565	130
Black or African American	10,452	13	425	102	434	103	420	98
Mexican or Mexican American	1,003	1	432	102	459	100	428	97
Puerto Rican	2,954	4	446	100	460	101	445	96
Other Hispanic, Latino, or Latin American	8,726	10	444	104	468	104	446	101
White	46,142	55	522	101	542	104	523	103
Other	2,746	3	494	121	517	121	496	121
No Response	2,327	3	482	116	493	117	475	113
Total	83,489	100	499	114	522	118	500	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	112	0	460	110	493	115	449	111
Asian, Asian American, or Pacific Islander	4,391	5	550	130	620	122	557	132
Black or African American	4,768	6	424	105	442	108	412	99
Mexican or Mexican American	472	1	436	107	472	106	427	101
Puerto Rican	1,357	2	446	101	474	106	439	96
Other Hispanic, Latino, or Latin American	3,817	5	450	107	486	107	444	102
White	22,569	27	524	103	556	106	515	103
Other	1,233	1	501	123	535	122	494	124
No Response	1,106	1	478	117	506	121	466	113
Total	39,825	48	502	116	537	120	495	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	121	0	457	95	464	93	468	88
Asian, Asian American, or Pacific Islander	4,515	5	552	126	601	120	572	127
Black or African American	5,684	7	425	100	428	99	427	97
Mexican or Mexican American	531	1	428	96	447	94	429	93
Puerto Rican	1,597	2	446	100	449	95	450	95
Other Hispanic, Latino, or Latin American	4,909	6	440	102	454	99	448	100
White	23,573	28	520	99	528	99	530	102
Other	1,513	2	489	118	501	118	498	119
No Response	1,221	1	486	116	481	112	483	113
Total	43,664	52	496	112	508	114	505	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	83,489	100	499	114	522	118	500	115
First Language Learned								
English	58,572	73	506	108	523	112	505	109
English and Another	13,813	17	488	123	519	129	495	124
Another Language	7,901	10	470	128	520	134	481	131
No Response	3,203		487	134	507	135	486	134
Citizenship								
U.S. Citizen / U.S. National	74,254	95	504	111	525	115	505	112
U.S. Permanent Resident or Refugee	3,098	4	461	132	512	139	472	134
Citizen of Another Country	1,140	1	460	125	542	138	478	126
Other, Unknown, or No Response	4,997		455	126	481	129	454	127
Plans to Apply for Financial Aid								
Yes	52,286	74	492	109	513	113	492	110
No	4,372	6	537	115	564	116	544	116
Don't Know	13,582	19	515	114	542	117	518	116
No Response	13,249		496	126	521	130	499	129
Family Income								
\$0 - \$20,000	3,807	11	416	100	441	105	416	96
\$20,000–\$40,000	4,533	13	451	102	475	106	449	100
\$40,000–\$60,000	4,238	12	471	101	493	105	469	100
\$60,000–\$80,000	4,249	12	489	103	508	107	486	102
\$80,000–\$100,000	4,069	12	501	102	523	107	500	101
\$100,000–\$120,000	3,754	11	513	104	532	108	512	104
\$120,000–\$140,000	2,325	7	512	100	536	106	512	102
\$140,000–\$160,000	1,881	5	523	99	548	105	526	101
\$160,000–\$200,000	2,467	7	535	104	558	107	535	106
More than \$200,000	3,864	11	567	105	593	108	573	107
No Response	48,302		503	116	526	120	506	118
Highest Level of Parental Education								
No High School Diploma	2,880	4	414	98	447	106	417	95
High School Diploma	21,048	30	458	100	479	104	457	98
Associate Degree	5,114	7	474	95	495	100	473	96
Bachelor's Degree	23,672	33	521	104	546	109	524	106
Graduate Degree	18,205	26	566	112	587	115	569	115
No Response	12,570		457	106	482	112	458	105
Took the PSAT/NMSQT®								
Yes, As a Junior	23,748	32	487	108	510	112	488	107
Yes, As a Sophomore or Younger	12,989	17	508	109	532	114	509	110
Yes, As a Junior and As a Sophomore or Younger	24,640	33	541	106	565	109	546	108
No	12,880	17	446	105	465	109	442	102
No Response	9,232		475	125	499	128	477	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	7,971	31	43	57	587	621	595
Second Tenth	6,639	26	46	54	514	546	517
Second Fifth	4,710	19	52	48	480	506	480
Final Three Fifths	6,023	24	53	47	428	448	427
No Response	58,146		48	52	494	514	495

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)	3,577	5	40	60	600	632	609
A (93–96)	14,203	19	40	60	570	598	577
A- (90–92)	15,617	21	43	57	535	564	540
B (80–89)	35,003	46	51	49	467	488	466
C (70–79)	6,810	9	60	40	406	421	401
D, E, or F (below 70)	223	0	58	42	400	419	401
No Response	8,056		49	51	478	494	473
Mean Grade Point Average	All Students: 3.35		Male: 3.27		Female: 3.42		

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	2.5	2.3	3.65	3.82	3.74
English and Language Arts	3.9	3.9	3.9	3.24	3.47	3.36
Foreign and Classical Languages	2.9	3.1	3.0	3.20	3.47	3.34
Mathematics	3.8	3.8	3.8	3.20	3.23	3.21
Natural Sciences	3.6	3.5	3.6	3.23	3.30	3.27
Social Sciences and History	3.5	3.5	3.5	3.38	3.44	3.41
Total for All Subjects	19.8	20.3	20.1			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	5,304	8	45	55	522	546	527	
4 Years	51,081	77	47	53	507	529	508	
3 Years	7,450	11	45	55	457	476	458	
2 Years	984	1	48	52	452	483	453	
1 Year	460	1	46	54	457	478	460	
1/2 Year or Less	924	1	56	44	437	468	437	
No Response	17,286		50	50	493	517	495	
AP®/Honors Courses	23,664	36	38	62	570	586	574	
Course Work or Experience								
English/Language Arts	58,357	96	46	54	500	522	501	
Journalism	6,513	11	36	64	497	507	502	
Creative Writing	14,327	24	39	61	496	507	498	
American Literature	34,406	57	45	55	511	530	512	
Composition/Writing	26,303	43	44	56	500	518	503	
British Literature	20,347	34	45	55	517	534	518	
World Literature	20,583	34	46	54	506	525	507	
Communications	4,951	8	47	53	486	506	489	
Public Speaking	10,739	18	43	57	507	525	509	
English As Second Language	3,483	6	42	58	426	480	437	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	8,066	12	50	50	532	574	537	
4 Years	43,551	66	47	53	510	534	512	
3 Years	12,221	18	44	56	454	463	452	
2 Years	978	1	48	52	449	473	450	
1 Year	449	1	47	53	452	482	453	
1/2 Year or Less	956	1	51	49	436	454	434	
No Response	17,268		50	50	493	517	495	
AP/Honors Courses	21,358	32	48	52	570	615	575	
Highest Level of Mathematics Achieved*								
Calculus	19,889	31	50	50	569	615	574	
Pre-calculus	18,530	29	44	56	500	521	500	
Geometry	23,035	36	45	55	445	450	444	
Algebra II	636	1	49	51	444	451	444	
Algebra I	282	0	56	44	401	396	399	

*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	6,017	9	47	53	547	583	552	
4 Years	34,092	52	48	52	520	545	522	
3 Years	19,670	30	45	55	468	484	468	
2 Years	2,276	3	51	49	456	473	453	
1 Year	1,326	2	51	49	456	479	454	
1/2 Year or Less	1,775	3	47	53	431	456	433	
No Response	18,333		50	50	491	515	493	
AP/Honors Courses	21,243	33	46	54	576	610	580	
Course Work or Experience								
Biology	60,093	98	46	54	501	523	502	
Chemistry	57,539	93	46	54	505	528	506	
Physics	37,117	60	49	51	525	556	527	
Geology, Earth, or Space Science	29,127	47	47	53	477	494	477	
Other Sciences	22,388	36	42	58	495	514	496	

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	4,927	7	47	53	540	559	542	
4 Years	31,480	48	49	51	523	542	523	
3 Years	25,231	38	44	56	475	502	477	
2 Years	2,343	4	48	52	449	475	450	
1 Year	683	1	49	51	450	481	452	
1/2 Year or Less	1,112	2	50	50	428	457	431	
No Response	17,713		50	50	491	516	494	
AP/Honors Courses	23,100	35	44	56	573	592	575	
Course Work or Experience								
U.S. History	59,048	97	46	54	500	523	502	
World History or Cultures	51,937	85	46	54	504	526	505	
U.S. Government or Civics	14,468	24	49	51	508	525	507	
Economics	9,651	16	56	44	512	540	514	
Geography	6,046	10	47	53	471	491	472	
Psychology	18,153	30	35	65	515	530	517	
European History	11,939	20	48	52	533	546	533	
Sociology	10,687	17	37	63	491	504	493	
Ancient History	7,022	11	50	50	507	522	507	
Other Courses	9,675	16	44	56	497	512	496	

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	4,021	6	41	59	553	577	562
4 Years	18,478	28	42	58	549	571	555
3 Years	20,314	31	47	53	505	529	506
2 Years	19,140	29	51	49	455	476	451
1 Year	1,740	3	53	47	418	437	412
1/2 Year or Less	1,983	3	54	46	418	446	418
No Response	17,813		50	50	491	515	493
AP/Honors Courses	16,027	24	39	61	575	600	583
Course Work or Experience							
Chinese	1,433	2	52	48	551	593	550
French	11,209	18	38	62	512	528	512
German	2,369	4	57	43	531	544	518
Greek	159	0	45	55	488	498	484
Hebrew	390	1	41	59	546	537	541
Italian	6,237	10	45	55	490	512	493
Japanese	435	1	51	49	509	539	506
Korean	124	0	41	59	464	533	483
Latin	3,947	6	52	48	555	571	552
Russian	286	0	51	49	498	511	488
Spanish	40,594	66	47	53	491	515	494
Other Languages	1,285	2	39	61	460	492	466

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	3,211	5	39	61	524	543	527
4 Years	14,278	22	40	60	519	535	521
3 Years	9,868	15	42	58	492	514	495
2 Years	14,744	23	48	52	494	519	495
1 Year	13,825	22	53	47	499	527	499
1/2 Year or Less	8,147	13	54	46	477	501	478
No Response	19,416		50	50	495	520	497
AP/Honors Courses	4,942	8	37	63	572	590	577
Course Work or Experience							
Acting or Play Production	9,260	16	32	68	530	532	530
Art History or Appreciation	11,277	19	41	59	498	515	501
Dance	6,881	12	12	88	487	500	497
Drama: Study or Appreciation	7,590	13	31	69	504	509	506
Music: Study or Appreciation	8,869	15	50	50	523	535	522
Music Performance	20,458	35	43	57	524	543	526
Photography or Film	14,799	25	40	60	502	520	505
Studio Art and Design	15,652	27	39	61	508	528	511
None	10,908	18	61	39	473	503	472

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	31,336	54	47	53	507	528	508
Computer Programming	11,399	20	62	38	502	535	502
Word Processing	29,769	52	45	55	508	528	509
Internet Activity	23,770	41	47	53	510	530	511
Using Computer Graphics	22,219	39	52	48	506	531	506
Creating Spreadsheets/Databases	18,430	32	47	53	511	536	513
None	10,825	19	40	60	486	507	489

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
14,002	34,944	13,618	633	668	644

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	1,924	14
2	5,814	42
3	4,312	31
4 or More	1,952	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	3,481	627	93	3,390	652	89	639	88	655	89
History and Social Studies										
U.S. History	5,277	669	91	5,129	656	81	666	82	662	84
World History	526	623	107	512	661	82	660	86	661	82
Mathematics										
Mathematics Level 1	4,942	639	81	4,784	611	86	652	77	625	89
Mathematics Level 2	7,379	699	81	7,218	652	86	708	63	666	84
Science										
Biology-E	1,978	644	91	1,932	646	88	673	82	654	88
Biology-M	2,780	669	86	2,722	651	86	687	76	663	86
Chemistry	4,431	677	95	4,318	653	87	707	69	665	85
Physics	2,082	663	96	2,033	648	90	707	71	653	91
Foreign and Classical Languages										
Chinese/Listening	200	756	62	198	644	111	713	69	656	106
French	380	600	111	375	653	88	655	90	665	90
French/Listening	70	630	105	69	637	100	640	95	650	96
German	41	593	130	39	622	89	653	86	631	79
German/Listening	21	610		20	636		654		646	
Modern Hebrew	33	642	111	32	624	80	640	73	650	81
Italian	40	616	122	38	578	91	591	99	620	95
Japanese/Listening	58	711	104	57	592	112	673	84	608	97
Korean/Listening	57	758	73	54	613	100	716	58	659	87
Latin	149	595	106	143	686	80	683	77	693	78
Spanish	892	629	112	862	634	90	647	89	650	91
Spanish/Listening	127	643	114	127	613	94	637	79	630	96

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	283	8	1,223	23	82	16
700-740	591	17	1,182	22	76	14
650-690	761	22	1,004	19	76	14
600-640	678	19	768	15	81	15
550-590	512	15	503	10	68	13
500-540	346	10	346	7	79	15
450-490	173	5	173	3	44	8
400-440	85	2	58	1	14	3
350-390	40	1	17	0	5	1
300-340	10	0	2	0	1	0
250-290	2	0	1	0		
200-240						
Total	3,481		5,277		526	
Mean	627		669		623	
SD	93		91		107	
75th percentile	700		740		710	
50th percentile	640		690		620	
25th percentile	570		610		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	289	6	2,764	37	277	14	602	22	1,315	30	483	23
700-740	1,101	22	1,174	16	369	19	567	20	834	19	362	17
650-690	1,142	23	1,393	19	380	19	594	21	718	16	406	20
600-640	1,082	22	1,187	16	397	20	455	16	649	15	318	15
550-590	707	14	641	9	269	14	304	11	446	10	234	11
500-540	350	7	162	2	164	8	172	6	282	6	172	8
450-490	171	3	42	1	80	4	56	2	130	3	73	4
400-440	68	1	14	0	31	2	19	1	51	1	31	1
350-390	26	1			7	0	9	0	6	0	3	0
300-340	6	0	2	0	4	0	2	0				
250-290												
200-240												
Total	4,942		7,379		1,978		2,780		4,431		2,082	
Mean	639		699		644		669		677		663	
SD	81		81		91		86		95		96	
75th percentile	700		770		710		740		760		740	
50th percentile	650		710		650		680		690		670	
25th percentile	590		640		580		610		610		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	150	75	42	11	12	17	8	20	3	14	10	30
700-740	21	11	50	13	7	10	2	5	6	29	2	6
650-690	15	8	43	11	8	11	3	7	1	5	3	9
600-640	7	4	60	16	17	24	6	15	1	5	6	18
550-590	4	2	57	15	11	16	5	12	2	10	4	12
500-540	2	1	54	14	8	11	6	15	3	14	5	15
450-490	1	1	39	10	4	6	7	17	3	14	3	9
400-440			26	7	1	1	2	5				
350-390			9	2	2	3	1	2	1	5		
300-340							1	2	1	5		
250-290												
200-240												
Total	200		380		70		41		21		33	
Mean	756		600		630		593		610		642	
SD	62		111		105		130				111	
75th percentile	800		690		710		660		720		750	
50th percentile	780		600		630		570		590		610	
25th percentile	740		500		550		480		490		520	

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	5	13	32	55	45	79	13	9	157	18	34	27
700-740	6	15	11	19	4	7	20	13	145	16	16	13
650-690	6	15	4	7	3	5	18	12	134	15	17	13
600-640	11	28	2	3	2	4	26	17	119	13	16	13
550-590	4	10	3	5	1	2	17	11	111	12	13	10
500-540	1	3	3	5	1	2	24	16	99	11	12	9
450-490	2	5	1	2	1	2	21	14	75	8	13	10
400-440	3	8	1	2			9	6	32	4	4	3
350-390			1	2			1	1	15	2	2	2
300-340	2	5							4	0		
250-290									1	0		
200-240												
Total	40		58		57		149		892		127	
Mean	616		711		758		595		629		643	
SD	122		104		73		106		112		114	
75th percentile	710		780		800		680		720		750	
50th percentile	620		750		780		600		640		650	
25th percentile	560		670		760		500		540		540	

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	310	0	483	498	480
Architecture and Related Services	1,061	1	494	543	496
Area, Ethnic, Cultural and Gender Studies	50	0	536	511	531
Biological and Biomedical Sciences	4,540	6	541	568	546
Business Management, Marketing, and Related Support Services	9,277	13	501	537	505
Communication, Journalism and Related Programs	2,524	4	516	512	523
Computer and Information Sciences and Support Services	1,803	3	510	546	499
Construction Trades	54	0	406	472	402
Education	4,100	6	477	494	484
Engineering	5,597	8	535	596	532
Engineering Technologies/Technicians	804	1	467	520	462
English Language and Literature/Letters	930	1	571	530	567
Family and Consumer Sciences/Human Sciences	230	0	464	486	474
Foreign Languages, Literatures, and Linguistics	355	1	548	549	558
Health Professions and Related Clinical Services	10,981	16	491	517	499
History	906	1	532	511	514
Legal Professions and Studies	1,900	3	516	521	513
Liberal Arts and Sciences, General Studies, and Humanities	744	1	539	536	538
Library Science And Administration	9	0	586	527	550
Mathematics and Statistics	658	1	507	590	514
Mechanic and Repair Technologies/Technician	143	0	392	439	380
Military Technologies And Applied Sciences	353	0	484	507	467
Multi/Interdisciplinary Studies	322	0	583	603	582
Natural Resources and Conservation	264	0	520	526	514
Parks, Recreation, Leisure and Fitness Studies	495	1	448	479	446
Personal and Culinary Services	384	1	441	452	442
Philosophy and Religious Studies	110	0	549	547	550
Physical Sciences	1,035	1	549	587	542
Precision Production	1	0			
Psychology	3,511	5	497	495	497
Public Administration and Social Services Professions	233	0	457	461	462
Security and Protective Services	2,803	4	440	460	437
Social Sciences	1,135	2	565	555	558
Theology and Religious Vocations	48	0	528	512	508
Transportation and Materials Moving	27	0	489	486	471
Visual and Performing Arts	5,233	7	497	498	496
Other	1,529	2	450	468	451
Undecided	6,344	9	535	560	539
Degree-Level Goal					
Certificate Program	653	1	435	458	435
Associate Degree	794	1	400	410	394
Bachelor's Degree	21,958	31	476	496	475
Master's Degree	21,876	31	505	529	508
Doctoral or Related Degree	12,969	18	537	562	540
Other	509	1	408	433	413
Undecided	12,437	17	506	529	507

College Plans

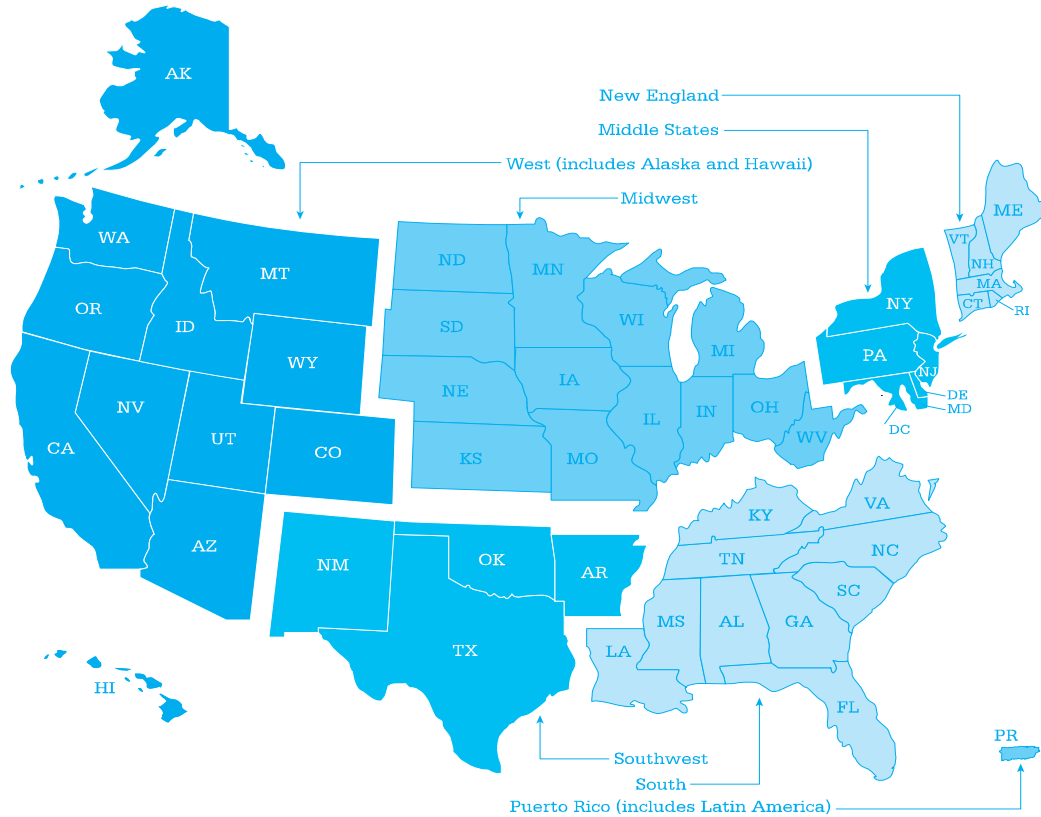
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 83,873 students from your state who took the SAT and/or an SAT Subject Test, 63,551 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 2,222 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
RUTGERS UNIVERSITY	NJ	Public	25,231	39.7
MONTCLAIR STATE UNIVERSITY	NJ	Public	11,046	17.4
COLLEGE OF NEW JERSEY	NJ	Public	9,518	15.0
ROWAN UNIVERSITY	NJ	Public	8,350	13.1
WILLIAM PATERSON UNIVERSITY OF NEW JERSEY	NJ	Public	7,171	11.3
DREXEL UNIVERSITY	PA	Private	6,834	10.8
UNIVERSITY OF DELAWARE	DE	Public	6,493	10.2
SETON HALL UNIVERSITY	NJ	Private	5,887	9.3
PENNSYLVANIA STATE UNIVERSITY	PA	Public	5,554	8.7
RAMAPO COLLEGE OF NEW JERSEY	NJ	Public	5,371	8.5
RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	Public	5,250	8.3
RIDER UNIVERSITY	NJ	Private	4,606	7.2
MONMOUTH UNIVERSITY	NJ	Private	4,602	7.2
NORTHEASTERN UNIVERSITY	MA	Private	4,363	6.9
NEW YORK UNIVERSITY	NY	Private	4,337	6.8
BOSTON UNIVERSITY	MA	Private	4,202	6.6
KEAN UNIVERSITY	NJ	Public	4,160	6.5
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	3,564	5.6
FORDHAM UNIVERSITY	NY	Private	3,546	5.6
UNIVERSITY OF MARYLAND	MD	Public	3,535	5.6
CORNELL UNIVERSITY	NY	Private	3,401	5.4
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	3,321	5.2
NCAA ELIGIBILITY CENTER	IN	Public	3,223	5.1
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	Public	3,214	5.1
PRINCETON UNIVERSITY	NJ	Private	3,168	5.0
VILLANOVA UNIVERSITY	PA	Private	3,156	5.0
QUINNIPIAC UNIVERSITY	CT	Private	3,004	4.7
LEHIGH UNIVERSITY	PA	Private	2,832	4.5
TEMPLE UNIVERSITY	PA	Private	2,669	4.2
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	2,581	4.1
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	2,569	4.0
TOWSON UNIVERSITY	MD	Public	2,564	4.0
SYRACUSE UNIVERSITY	NY	Private	2,549	4.0
FAIRLEIGH DICKINSON UNIVERSITY TEANECK	NJ	Private	2,541	4.0
UNIVERSITY OF RHODE ISLAND	RI	Public	2,532	4.0
UNIVERSITY OF CONNECTICUT	CT	Public	2,390	3.8
FAIRLEIGH DICKINSON UNIVERSITY MADISON	NJ	Private	2,349	3.7
STEVENS INSTITUTE OF TECHNOLOGY	NJ	Private	2,337	3.7
BOSTON COLLEGE	MA	Private	2,270	3.6
JAMES MADISON UNIVERSITY	VA	Public	2,246	3.5
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	2,217	3.5
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	Public	2,135	3.4
UNIVERSITY OF SCRANTON	PA	Private	2,116	3.3
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	1,993	3.1
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	1,975	3.1

*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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