



2013 College-Bound Seniors

State Profile Report



NEW YORK

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	157,989	485	114	501	120	477	115	47.3	11.6	7.2	1.6

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	74,007	488	116	516	123	471	116	47.0	11.6	7.0	1.7
Female	83,982	483	112	489	116	482	114	47.6	11.6	7.4	1.5

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)	104,712	476	109	494	115	468	109	46.4	11.0	7.1	1.5
Junior (2011-2012)	53,140	504	120	516	127	495	125	49.2	12.5	7.5	1.6
Sophomore (2010-2011)	129	580	147	601	143	570	154	56.0	15.1	8.4	1.8
Freshman (2009-2010)	8	529		536		550		55.8		7.4	
Total	157,989	485	114	501	120	477	115	47.3	11.6	7.2	1.6

Table 4: Mean Scores for Total Group

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

SAT	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.

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	560	580	550	570	600	560
50th	480	500	470	490	510	480
25th	410	420	400	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	3,337	3,135	6,472	5,699	3,424	9,123	2,842	3,536	6,378
600-690	9,972	10,408	20,380	14,272	12,178	26,450	8,451	10,550	19,001
500-590	20,748	23,284	44,032	21,357	23,732	45,089	17,171	21,356	38,527
400-490	24,289	29,210	53,499	20,173	26,438	46,611	25,593	29,335	54,928
300-390	12,542	14,520	27,062	9,871	14,520	24,391	16,335	16,077	32,412
200-290	3,119	3,425	6,544	2,635	3,690	6,325	3,615	3,128	6,743

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	132,639	86	46	54	479	498	470
Religiously Affiliated	17,318	11	51	49	515	519	511
Independent	4,324	3	47	53	581	587	584
Other or Unknown	3,708		49	51	450	450	437

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	7,250	5	461	112	462	116	447	109
Nonstandard Conditions	6,777	4	456	120	459	127	448	119

Note: Percentiles are reported when there are 20 or more test-takers.

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	725	0	447	100	459	106	431	99
Asian, Asian American, or Pacific Islander	15,595	10	501	132	580	125	504	136
Black or African American	22,893	14	425	97	421	100	413	94
Mexican or Mexican American	3,005	2	423	97	441	101	414	95
Puerto Rican	6,458	4	446	101	444	104	435	98
Other Hispanic, Latino, or Latin American	17,297	11	430	103	438	107	424	101
White	79,556	50	520	102	534	104	511	105
Other	6,652	4	477	120	488	121	471	121
No Response	5,808	4	454	123	462	125	443	121
Total	157,989	100	485	114	501	120	477	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	360	0	448	104	470	111	426	101
Asian, Asian American, or Pacific Islander	7,563	5	501	132	590	126	496	136
Black or African American	10,202	6	422	98	427	103	403	93
Mexican or Mexican American	1,358	1	430	101	458	106	411	98
Puerto Rican	3,007	2	450	103	458	108	431	100
Other Hispanic, Latino, or Latin American	7,700	5	434	104	453	110	419	100
White	37,952	24	523	103	549	106	504	107
Other	2,988	2	477	124	503	125	464	124
No Response	2,877	2	454	125	474	127	436	119
Total	74,007	47	488	116	516	123	471	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	365	0	446	96	448	101	436	96
Asian, Asian American, or Pacific Islander	8,032	5	500	131	571	123	511	135
Black or African American	12,691	8	427	96	416	97	421	93
Mexican or Mexican American	1,647	1	418	94	427	95	416	92
Puerto Rican	3,451	2	443	98	431	98	438	96
Other Hispanic, Latino, or Latin American	9,597	6	427	102	426	103	428	102
White	41,604	26	518	100	521	99	517	104
Other	3,664	2	476	117	475	116	476	118
No Response	2,931	2	454	121	450	121	450	122
Total	83,982	53	483	112	489	116	482	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	157,989	100	485	114	501	120	477	115
First Language Learned								
English	107,047	71	498	108	506	113	487	110
English and Another	27,972	18	465	115	486	127	461	117
Another Language	16,754	11	438	123	494	137	441	126
No Response	6,216		490	137	503	139	481	138
Citizenship								
U.S. Citizen / U.S. National	137,493	93	493	110	505	116	484	112
U.S. Permanent Resident or Refugee	7,660	5	418	120	476	137	419	121
Citizen of Another Country	2,448	2	443	116	521	137	449	119
Other, Unknown, or No Response	10,388		448	133	470	137	439	133
Plans to Apply for Financial Aid								
Yes	100,254	79	485	106	499	113	476	107
No	6,076	5	533	121	553	123	532	126
Don't Know	21,379	17	503	117	524	121	496	120
No Response	30,280		464	129	481	134	457	130
Family Income								
\$0 - \$20,000	9,787	15	421	103	445	115	413	101
\$20,000–\$40,000	9,948	15	463	101	478	112	451	101
\$40,000–\$60,000	8,649	13	480	98	491	105	467	98
\$60,000–\$80,000	8,506	13	494	98	505	102	480	98
\$80,000–\$100,000	7,664	12	507	97	522	102	494	99
\$100,000–\$120,000	6,635	10	514	101	530	102	503	102
\$120,000–\$140,000	3,577	5	517	98	533	101	507	100
\$140,000–\$160,000	2,671	4	524	99	543	103	515	103
\$160,000–\$200,000	3,378	5	532	101	549	104	525	105
More than \$200,000	4,810	7	574	107	594	105	574	112
No Response	92,364		482	118	498	124	475	119
Highest Level of Parental Education								
No High School Diploma	8,194	6	419	106	456	124	415	104
High School Diploma	38,132	30	462	99	475	109	451	99
Associate Degree	14,016	11	479	94	491	101	467	94
Bachelor's Degree	36,514	28	516	103	533	109	508	107
Graduate Degree	31,424	24	555	111	566	114	548	116
No Response	29,709		425	105	445	115	418	104
Took the PSAT/NMSQT®								
Yes, As a Junior	48,791	36	494	108	510	112	485	109
Yes, As a Sophomore or Younger	21,127	16	483	111	499	118	475	112
Yes, As a Junior and As a Sophomore or Younger	44,547	33	508	111	528	117	505	114
No	20,876	15	457	106	468	112	441	104
No Response	22,648		449	126	463	131	441	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	14,076	36	45	55	568	595	566
Second Tenth	10,633	27	48	52	505	528	496
Second Fifth	6,548	17	52	48	477	494	464
Final Three Fifths	7,968	20	52	48	429	438	417
No Response	118,764		46	54	478	492	470

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)	7,974	5	39	61	619	646	624
A (93–96)	25,697	18	39	61	563	590	561
A- (90–92)	25,469	18	43	57	522	546	516
B (80–89)	65,184	45	49	51	457	470	446
C (70–79)	19,518	13	55	45	394	396	381
D, E, or F (below 70)	1,458	1	54	46	373	375	358
No Response	12,689		50	50	470	479	458
Mean Grade Point Average	All Students: 3.26		Male: 3.18		Female: 3.33		

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	2.3	2.7	2.5	3.57	3.76	3.67
English and Language Arts	3.8	3.8	3.8	3.24	3.47	3.37
Foreign and Classical Languages	3.0	3.2	3.1	3.15	3.42	3.30
Mathematics	3.8	3.8	3.8	3.06	3.08	3.07
Natural Sciences	3.6	3.6	3.6	3.16	3.17	3.16
Social Sciences and History	3.7	3.7	3.7	3.32	3.33	3.33
Total for All Subjects	20.2	20.8	20.5			

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 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	15,682	13	43	57	519	539	515	
4 Years	77,813	66	47	53	501	516	492	
3 Years	16,531	14	45	55	451	464	441	
2 Years	2,792	2	46	54	441	470	437	
1 Year	1,843	2	45	55	444	462	439	
1/2 Year or Less	2,580	2	51	49	418	438	408	
No Response	40,748		50	50	464	481	457	
AP®/Honors Courses	38,131	33	38	62	559	569	554	
Course Work or Experience								
English/Language Arts	102,589	96	45	55	493	507	484	
Journalism	10,613	10	41	59	478	487	473	
Creative Writing	28,750	27	39	61	488	495	482	
American Literature	43,899	41	44	56	510	523	503	
Composition/Writing	44,750	42	44	56	495	508	489	
British Literature	14,105	13	43	57	534	540	527	
World Literature	19,957	19	45	55	515	526	507	
Communications	8,430	8	45	55	464	480	458	
Public Speaking	17,151	16	43	57	493	506	486	
English As Second Language	7,833	7	43	57	416	470	417	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	23,353	20	47	53	539	573	533	
4 Years	62,344	53	47	53	498	513	490	
3 Years	24,148	21	43	57	453	455	441	
2 Years	2,927	2	47	53	431	447	422	
1 Year	1,563	1	48	52	434	460	430	
1/2 Year or Less	2,931	2	47	53	414	423	405	
No Response	40,723		49	51	465	481	457	
AP/Honors Courses	31,930	27	47	53	567	607	563	
Highest Level of Mathematics Achieved*								
Calculus	30,157	27	48	52	557	599	554	
Pre-calculus	30,115	27	44	56	508	529	500	
Geometry	47,365	42	44	56	448	447	437	
Algebra II	1,707	2	46	54	418	407	406	
Algebra I	1,368	1	47	53	409	386	393	

*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	18,757	16	46	54	543	572	537	
4 Years	55,821	48	47	53	507	523	498	
3 Years	29,303	25	44	56	459	466	449	
2 Years	4,857	4	47	53	441	457	431	
1 Year	2,641	2	48	52	445	467	436	
1/2 Year or Less	3,818	3	45	55	412	427	405	
No Response	42,792		49	51	464	480	457	
AP/Honors Courses	31,589	27	46	54	573	600	568	
Course Work or Experience								
Biology	92,158	84	45	55	501	517	493	
Chemistry	91,227	83	45	55	507	525	499	
Physics	57,865	53	49	51	527	554	519	
Geology, Earth, or Space Science	74,089	68	45	55	470	481	460	
Other Sciences	36,957	34	42	58	484	495	475	

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	14,852	13	46	54	527	546	521	
4 Years	73,016	63	46	54	504	518	494	
3 Years	19,616	17	45	55	454	468	446	
2 Years	3,474	3	47	53	444	471	438	
1 Year	2,216	2	46	54	448	467	442	
1/2 Year or Less	3,100	3	47	53	410	431	403	
No Response	41,715		49	51	464	480	457	
AP/Honors Courses	38,722	33	45	55	566	579	558	
Course Work or Experience								
U.S. History	104,202	95	45	55	491	506	482	
World History or Cultures	85,011	78	46	54	506	522	496	
U.S. Government or Civics	67,602	62	44	56	491	506	481	
Economics	59,807	55	43	57	494	510	484	
Geography	28,654	26	42	58	470	487	463	
Psychology	26,643	24	34	66	512	518	502	
European History	28,479	26	48	52	520	533	511	
Sociology	12,065	11	36	64	493	500	482	
Ancient History	25,794	24	48	52	500	514	491	
Other Courses	14,908	14	42	58	490	500	482	

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	16,774	14	39	61	542	563	539
4 Years	32,768	28	44	56	526	543	521
3 Years	35,170	30	48	52	490	507	480
2 Years	15,869	14	48	52	453	462	439
1 Year	8,268	7	51	49	425	434	411
1/2 Year or Less	6,845	6	52	48	410	427	399
No Response	42,295		50	50	463	480	456
AP/Honors Courses	21,956	19	38	62	564	583	564
Course Work or Experience							
Chinese	3,165	3	46	54	495	577	492
French	17,404	16	38	62	521	526	510
German	2,092	2	52	48	536	548	520
Greek	531	0	45	55	505	510	502
Hebrew	1,197	1	41	59	548	549	534
Italian	9,569	9	45	55	498	512	493
Japanese	993	1	42	58	517	542	507
Korean	348	0	41	59	458	507	459
Latin	5,593	5	43	57	559	567	555
Russian	872	1	49	51	510	542	510
Spanish	73,981	68	45	55	488	503	480
Other Languages	2,808	3	37	63	468	487	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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	11,813	10	37	63	529	544	524
4 Years	25,119	22	39	61	519	527	511
3 Years	16,918	15	42	58	484	494	476
2 Years	22,805	20	47	53	483	499	474
1 Year	25,087	22	53	47	482	505	472
1/2 Year or Less	12,181	11	55	45	454	477	442
No Response	44,066		50	50	467	484	459
AP/Honors Courses	7,603	7	36	64	563	572	561
Course Work or Experience							
Acting or Play Production	17,139	16	32	68	524	520	516
Art History or Appreciation	18,046	17	42	58	495	505	490
Dance	14,465	14	13	87	477	484	478
Drama: Study or Appreciation	13,325	13	30	70	500	499	495
Music: Study or Appreciation	20,488	19	49	51	516	524	509
Music Performance	46,441	44	41	59	511	524	504
Photography or Film	23,208	22	33	67	497	506	491
Studio Art and Design	41,042	39	37	63	499	510	491
None	14,183	13	64	36	463	490	450

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	48,599	48	47	53	503	517	494
Computer Programming	16,935	17	60	40	494	520	483
Word Processing	46,980	47	44	56	502	514	493
Internet Activity	37,612	37	46	54	500	513	491
Using Computer Graphics	32,233	32	52	48	498	516	487
Creating Spreadsheets/Databases	23,624	23	47	53	507	524	499
None	25,948	26	39	61	480	494	472

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
27,854	69,547	26,731	609	639	613

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	4,956	18
2	10,393	37
3	8,158	29
4 or More	4,347	16

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			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	5,736	613	102	5,545	636	99	613	95	634	101	
History and Social Studies											
U.S. History	11,516	653	96	11,112	625	92	635	91	626	97	
World History	4,187	629	99	4,043	632	90	638	91	629	95	
Mathematics											
Mathematics Level 1	11,000	631	83	10,612	595	95	641	83	603	97	
Mathematics Level 2	10,288	691	84	9,863	638	96	696	68	647	94	
Science											
Biology-E	5,942	630	91	5,684	618	92	642	88	621	95	
Biology-M	5,303	666	87	5,036	634	89	665	81	642	92	
Chemistry	7,459	665	94	7,208	631	93	681	78	638	94	
Physics	4,246	675	86	4,132	633	93	694	71	635	92	
Foreign and Classical Languages											
Chinese/Listening	304	756	70	301	569	128	677	83	579	121	
French	624	625	127	597	642	103	625	96	643	103	
French/Listening	150	702	112	137	649	91	625	79	653	86	
German	52	619	124	51	632	88	644	74	627	85	
German/Listening	42	600	128	41	605	105	616	75	613	102	
Modern Hebrew	117	629	109	100	649	87	659	73	644	89	
Italian	135	588	155	134	588	94	608	91	604	98	
Japanese/Listening	90	687	122	85	590	103	652	81	597	96	
Korean/Listening	104	773	48	102	587	100	692	77	633	109	
Latin	324	632	112	308	683	81	676	81	687	86	
Spanish	1,691	641	124	1,646	585	113	595	108	596	114	
Spanish/Listening	237	665	122	230	602	101	598	94	612	105	

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	418	7	2,203	19	625	15
700-740	950	17	2,361	21	611	15
650-690	1,078	19	2,126	18	728	17
600-640	1,036	18	1,775	15	618	15
550-590	846	15	1,311	11	687	16
500-540	603	11	890	8	503	12
450-490	391	7	580	5	290	7
400-440	282	5	199	2	104	2
350-390	102	2	56	0	20	0
300-340	29	1	15	0	1	0
250-290	1	0				
200-240						
Total	5,736		11,516		4,187	
Mean	613		653		629	
SD	102		96		99	
75th percentile	690		730		710	
50th percentile	620		670		630	
25th percentile	550		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	627	6	3,432	33	632	11	1,075	20	1,827	24	1,050	25
700-740	2,150	20	1,748	17	934	16	1,117	21	1,346	18	808	19
650-690	2,425	22	1,930	19	1,135	19	1,097	21	1,327	18	912	21
600-640	2,469	22	1,726	17	1,177	20	898	17	1,169	16	710	17
550-590	1,681	15	960	9	1,030	17	606	11	873	12	412	10
500-540	878	8	358	3	617	10	323	6	527	7	245	6
450-490	471	4	97	1	279	5	118	2	273	4	69	2
400-440	194	2	29	0	92	2	46	1	107	1	34	1
350-390	84	1	6	0	32	1	17	0	10	0	6	0
300-340	21	0	2	0	10	0	5	0				
250-290					4	0	1	0				
200-240												
Total	11,000		10,288		5,942		5,303		7,459		4,246	
Mean	631		691		630		666		665		675	
SD	83		84		91		87		94		86	
75th percentile	700		760		700		730		740		740	
50th percentile	640		700		630		680		680		680	
25th percentile	580		630		570		610		600		620	

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	228	75	164	26	77	51	10	19	7	17	19	16
700-740	31	10	55	9	18	12	7	13	3	7	17	15
650-690	19	6	66	11	13	9	5	10	6	14	22	19
600-640	6	2	81	13	11	7	8	15	6	14	17	15
550-590	12	4	54	9	14	9	5	10	6	14	15	13
500-540	5	2	75	12	5	3	7	13	2	5	14	12
450-490	3	1	76	12	7	5	7	13	8	19	5	4
400-440			43	7	3	2	2	4	2	5	6	5
350-390			9	1	2	1					2	2
300-340			1	0			1	2	2	5		
250-290												
200-240												
Total	304		624		150		52		42		117	
Mean	756		625		702		619		600		629	
SD	70		127		112		124		128		109	
75th percentile	800		750		800		730		690		710	
50th percentile	790		630		750		620		610		640	
25th percentile	740		510		620		510		470		560	

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	24	18	40	44	90	87	62	19	433	26	82	35
700-740	20	15	13	14	6	6	62	19	279	16	41	17
650-690	15	11	12	13	4	4	32	10	229	14	25	11
600-640	16	12	8	9	2	2	47	15	181	11	24	10
550-590	11	8	3	3	1	1	36	11	178	11	20	8
500-540	5	4	5	6	1	1	43	13	135	8	17	7
450-490	12	9	2	2			24	7	106	6	12	5
400-440	10	7	4	4			14	4	76	4	8	3
350-390	13	10	3	3			4	1	61	4	4	2
300-340	8	6							9	1	4	2
250-290	1	1							4	0		
200-240												
Total	135		90		104		324		1,691		237	
Mean	588		687		773		632		641		665	
SD	155		122		48		112		124		122	
75th percentile	720		790		800		720		750		760	
50th percentile	620		720		790		640		670		710	
25th percentile	450		620		770		540		550		570	

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	772	1	457	468	445
Architecture and Related Services	2,140	2	478	521	472
Area, Ethnic, Cultural and Gender Studies	154	0	528	489	520
Biological and Biomedical Sciences	8,254	6	532	553	526
Business Management, Marketing, and Related Support Services	14,812	11	477	511	473
Communication, Journalism and Related Programs	3,618	3	504	490	501
Computer and Information Sciences and Support Services	3,205	2	491	520	467
Construction Trades	167	0	417	446	391
Education	6,646	5	473	486	471
Engineering	9,276	7	515	565	501
Engineering Technologies/Technicians	1,849	1	448	492	434
English Language and Literature/Letters	1,764	1	556	512	545
Family and Consumer Sciences/Human Sciences	353	0	447	462	447
Foreign Languages, Literatures, and Linguistics	839	1	550	539	550
Health Professions and Related Clinical Services	22,286	17	480	497	477
History	1,581	1	532	503	503
Legal Professions and Studies	3,920	3	501	498	491
Liberal Arts and Sciences, General Studies, and Humanities	1,457	1	516	501	503
Library Science And Administration	19	0	521	477	493
Mathematics and Statistics	1,159	1	500	587	502
Mechanic and Repair Technologies/Technician	385	0	413	437	393
Military Technologies And Applied Sciences	594	0	470	483	445
Multi/Interdisciplinary Studies	542	0	577	584	568
Natural Resources and Conservation	689	1	512	513	491
Parks, Recreation, Leisure and Fitness Studies	928	1	436	462	431
Personal and Culinary Services	759	1	434	437	418
Philosophy and Religious Studies	226	0	527	511	506
Physical Sciences	1,887	1	540	569	528
Precision Production	9	0	481	518	463
Psychology	6,647	5	490	480	481
Public Administration and Social Services Professions	487	0	450	437	445
Security and Protective Services	5,610	4	437	448	425
Social Sciences	1,966	2	544	530	531
Theology and Religious Vocations	94	0	496	484	483
Transportation and Materials Moving	69	0	445	483	427
Visual and Performing Arts	9,790	7	485	478	476
Other	3,049	2	441	455	430
Undecided	12,623	10	524	546	517
Degree-Level Goal					
Certificate Program	1,408	1	436	454	426
Associate Degree	2,361	2	401	404	387
Bachelor's Degree	33,009	25	464	478	453
Master's Degree	41,400	32	493	510	486
Doctoral or Related Degree	25,626	20	526	543	521
Other	1,109	1	403	429	398
Undecided	24,841	19	497	514	488

College Plans

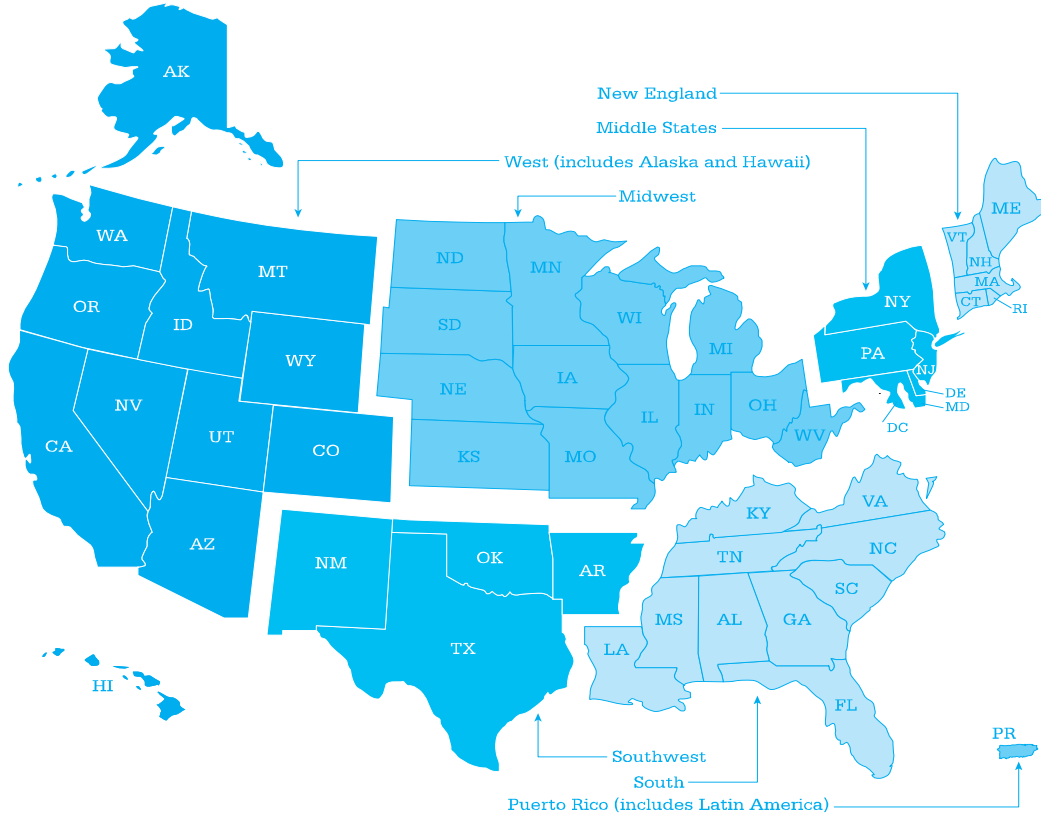
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 159,112 students from your state who took the SAT and/or an SAT Subject Test, 105,359 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 2,426 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
CUNY UAPC	NY	Public	20,065	19.0
STONY BROOK UNIVERSITY STATE UNIVERSITY	NY	Public	19,638	18.6
STATE UNIVERSITY NEW YORK BINGHAMTON	NY	Public	19,061	18.1
UNIVERSITY AT BUFFALO (SUNY)	NY	Public	15,266	14.5
STATE UNIVERSITY NEW YORK ALBANY	NY	Public	12,450	11.8
STATE UNIVERSITY NEW YORK NEW PALTZ	NY	Public	8,691	8.2
CORNELL UNIVERSITY	NY	Private	8,441	8.0
NEW YORK UNIVERSITY	NY	Private	8,334	7.9
FORDHAM UNIVERSITY	NY	Private	8,241	7.8
CUNY HUNTER COLLEGE	NY	Public	8,108	7.7
ST JOHNS UNIVERSITY JAMAICA	NY	Private	8,083	7.7
STATE UNIVERSITY NEW YORK ONEONTA	NY	Public	7,655	7.3
SYRACUSE UNIVERSITY	NY	Private	7,278	6.9
BOSTON UNIVERSITY	MA	Private	6,765	6.4
STATE UNIVERSITY NEW YORK CORTLAND	NY	Public	6,695	6.4
HOFSTRA UNIVERSITY	NY	Private	6,632	6.3
NORTHEASTERN UNIVERSITY	MA	Private	6,606	6.3
STATE UNIVERSITY NEW YORK GENESEO	NY	Public	6,323	6.0
STATE UNIVERSITY NEW YORK OSWEGO	NY	Public	5,783	5.5
CUNY BARUCH COLLEGE	NY	Public	5,294	5.0
STATE UNIVERSITY NEW YORK BUFFALO	NY	Public	5,225	5.0
CUNY QUEENS COLLEGE	NY	Public	5,209	4.9
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	4,960	4.7
CUNY BROOKLYN COLLEGE	NY	Public	4,783	4.5
CUNY THE CITY COLLEGE OF NEW YORK	NY	Public	4,775	4.5
ADELPHI UNIVERSITY	NY	Private	4,689	4.5
NCAA ELIGIBILITY CENTER	IN	Public	4,353	4.1
STATE UNIVERSITY NEW YORK BROCKPORT	NY	Public	4,319	4.1
STATE UNIVERSITY NEW YORK PLATTSBURGH	NY	Public	4,300	4.1
UNIVERSITY OF DELAWARE	DE	Public	4,177	4.0
PACE UNIVERSITY NEW YORK CITY	NY	Private	4,176	4.0
QUINNIPIAC UNIVERSITY	CT	Private	4,107	3.9
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	Private	4,094	3.9
DREXEL UNIVERSITY	PA	Private	3,999	3.8
ITHACA COLLEGE	NY	Private	3,904	3.7
PENNSYLVANIA STATE UNIVERSITY	PA	Public	3,797	3.6
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	3,682	3.5
SIENA COLLEGE	NY	Private	3,663	3.5
UNIVERSITY OF ROCHESTER	NY	Private	3,652	3.5
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	3,612	3.4
CUNY JOHN JAY COLLEGE OF CRIMINAL JUSTIC	NY	Public	3,600	3.4
STATE UNIV NY COLL TECH FARMINGDALE	NY	Public	3,513	3.3
STATE UNIVERSITY NEW YORK PURCHASE	NY	Public	3,505	3.3
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	3,354	3.2
UNIVERSITY OF VERMONT	VT	Public	3,303	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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