



2013 College-Bound Seniors

State Profile Report



PUERTO RICO

Included in This Report

[SAT[®] Data](#)

[SAT Subject Tests[™] Data](#)

[Demographic and Academic Information](#)

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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	3,035	452	107	446	110	445	110	44.9	11.2	6.5	1.7

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	1,542	446	114	455	117	436	113	44.2	11.4	6.3	1.8
Female	1,493	458	99	437	100	455	107	45.5	11.0	6.8	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)	2,502	447	105	440	107	440	109	44.4	11.0	6.5	1.7
Junior (2011-2012)	528	474	113	474	117	469	116	47.2	11.7	7.0	1.6
Sophomore (2010-2011)	4										
Freshman (2009-2010)	1										
Total	3,035	452	107	446	110	445	110	44.9	11.2	6.5	1.7

Table 4: Mean Scores for Total Group

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

SAT	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	520	520	520	570	600	560
50th	450	440	440	490	510	480
25th	380	370	370	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	18	17	35	40	9	49	22	19	41
600-690	125	117	242	151	103	254	105	123	228
500-590	372	378	750	358	291	649	319	354	673
400-490	525	593	1,118	511	551	1,062	547	575	1,122
300-390	346	316	662	355	437	792	374	318	692
200-290	156	72	228	127	102	229	175	104	279

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public		0					
Religiously Affiliated	1,162	54	49	51	478	477	476
Independent	990	46	52	48	456	456	454
Other or Unknown	883		51	49	412	394	393

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	292	10	430	101	417	105	425	103
Nonstandard Conditions	61	2	435	118	442	113	451	116

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	0	0						
Asian, Asian American, or Pacific Islander	11	0	471		536		461	
Black or African American	7	0	449		447		443	
Mexican or Mexican American	13	0	494		457		465	
Puerto Rican	2,813	93	452	107	446	109	445	110
Other Hispanic, Latino, or Latin American	126	4	444	107	443	124	433	118
White	37	1	493	118	461	127	481	116
Other	10	0	404		437		420	
No Response	18	1	434		430		418	
Total	3,035	100	452	107	446	110	445	110

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	0	0						
Asian, Asian American, or Pacific Islander	6	0	468		523		445	
Black or African American	5	0	442		452		452	
Mexican or Mexican American	10	0	493		470		463	
Puerto Rican	1,434	47	445	113	455	117	436	112
Other Hispanic, Latino, or Latin American	51	2	440	118	462	133	423	127
White	21	1	489		462		459	
Other	5	0	350		410		368	
No Response	10	0	446		464		411	
Total	1,542	51	446	114	455	117	436	113

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	0	0						
Asian, Asian American, or Pacific Islander	5	0	474		552		480	
Black or African American	2	0						
Mexican or Mexican American	3	0						
Puerto Rican	1,379	45	458	99	436	99	455	106
Other Hispanic, Latino, or Latin American	75	2	447	100	430	116	440	112
White	16	1	498		459		511	
Other	5	0	458		464		472	
No Response	8	0	420		388		428	
Total	1,493	49	458	99	437	100	455	107

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	3,035	100	452	107	446	110	445	110
First Language Learned								
English	84	3	449	104	429	115	445	103
English and Another	1,259	42	466	101	448	106	459	103
Another Language	1,652	55	438	108	443	110	432	113
No Response	40		549	147	530	150	543	155
Citizenship								
U.S. Citizen / U.S. National	2,890	98	452	105	446	108	446	109
U.S. Permanent Resident or Refugee	31	1	449	112	463	118	435	110
Citizen of Another Country	28	1	439	128	441	115	424	115
Other, Unknown, or No Response	86		455	151	447	148	438	160
Plans to Apply for Financial Aid								
Yes	2,505	87	451	103	444	106	443	106
No	76	3	458	114	462	129	456	123
Don't Know	301	10	448	118	447	116	449	119
No Response	153		466	140	473	139	467	146
Family Income								
\$0 - \$20,000	391	19	401	104	384	94	379	103
\$20,000–\$40,000	492	24	416	102	406	94	407	94
\$40,000–\$60,000	346	17	436	103	432	98	424	100
\$60,000–\$80,000	232	11	449	102	436	105	441	104
\$80,000–\$100,000	184	9	477	92	480	107	472	101
\$100,000–\$120,000	141	7	468	96	464	99	461	98
\$120,000–\$140,000	53	3	492	93	491	95	484	106
\$140,000–\$160,000	39	2	484	100	499	103	489	96
\$160,000–\$200,000	62	3	506	97	508	98	495	91
More than \$200,000	115	6	509	106	517	113	522	106
No Response	980		475	104	473	111	476	110
Highest Level of Parental Education								
No High School Diploma	21	1	361		380		361	
High School Diploma	259	9	412	100	395	96	396	103
Associate Degree	193	7	386	97	379	81	370	92
Bachelor's Degree	1,237	43	443	104	437	105	435	106
Graduate Degree	1,150	40	485	103	480	111	482	109
No Response	175		438	90	444	103	437	93
Took the PSAT/NMSQT®								
Yes, As a Junior	631	22	460	95	456	99	455	96
Yes, As a Sophomore or Younger	276	9	485	95	476	99	479	95
Yes, As a Junior and As a Sophomore or Younger	858	29	502	92	505	102	506	96
No	1,161	40	400	100	388	91	385	96
No Response	109		469	140	465	137	466	146

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	637	49	46	54	487	488	479
Second Tenth	378	29	54	46	445	448	439
Second Fifth	132	10	64	36	442	438	437
Final Three Fifths	159	12	58	42	390	396	395
No Response	1,729		50	50	446	435	439

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)	460	16	41	59	489	485	480
A (93–96)	865	29	42	58	473	469	464
A- (90–92)	573	20	51	49	455	454	453
B (80–89)	950	32	61	39	417	408	413
C (70–79)	86	3	66	34	372	359	366
D, E, or F (below 70)	2	0	50	50			
No Response	99		61	39	479	462	458
Mean Grade Point Average	All Students: 3.64		Male: 3.54		Female: 3.74		

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	2.2	3.82	3.94	3.88
English and Language Arts	3.9	4.1	4.0	3.55	3.75	3.65
Foreign and Classical Languages	2.8	3.0	2.9	3.48	3.74	3.62
Mathematics	4.0	4.1	4.0	3.44	3.50	3.47
Natural Sciences	3.6	3.7	3.7	3.48	3.58	3.53
Social Sciences and History	3.8	3.9	3.9	3.55	3.69	3.62
Total for All Subjects	20.2	21.2	20.7			

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	1,003	37	46	54	458	447	452
4 Years	1,178	44	51	49	467	463	463
3 Years	318	12	61	39	412	408	400
2 Years	71	3	55	45	412	406	397
1 Year	55	2	49	51	392	402	379
1/2 Year or Less	78	3	59	41	407	397	384
No Response	332		51	49	445	444	437
AP®/Honors Courses	621	23	44	56	518	513	519
Course Work or Experience							
English/Language Arts	2,192	84	50	50	456	449	451
Journalism	400	15	43	57	440	425	431
Creative Writing	1,063	41	46	54	453	440	446
American Literature	1,943	75	48	52	462	455	457
Composition/Writing	1,909	73	49	51	452	443	446
British Literature	958	37	48	52	478	466	474
World Literature	1,246	48	48	52	463	455	459
Communications	417	16	50	50	415	404	402
Public Speaking	752	29	46	54	441	430	431
English As Second Language	1,451	56	48	52	434	428	425

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,071	40	49	51	462	456	457
4 Years	1,092	40	49	51	466	461	462
3 Years	333	12	60	40	412	403	400
2 Years	78	3	55	45	412	403	400
1 Year	47	2	47	53	372	384	356
1/2 Year or Less	87	3	56	44	406	384	382
No Response	327		50	50	446	443	438
AP/Honors Courses	658	24	52	48	507	529	507
Highest Level of Mathematics Achieved*							
Calculus	865	32	50	50	485	497	483
Pre-calculus	1,082	40	49	51	455	447	449
Geometry	683	25	51	49	410	391	400
Algebra II	11	0	45	55	424	368	404
Algebra I	17	1	53	47	388	308	374

*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	802	30	47	53	464	458	459	
4 Years	994	38	51	49	470	467	467	
3 Years	425	16	56	44	435	427	427	
2 Years	121	5	59	41	423	413	412	
1 Year	141	5	49	51	409	399	391	
1/2 Year or Less	162	6	48	52	401	388	386	
No Response	390		51	49	444	441	436	
AP/Honors Courses	404	15	50	50	531	543	533	
Course Work or Experience								
Biology	2,552	96	50	50	453	447	447	
Chemistry	2,580	97	50	50	453	448	447	
Physics	2,132	80	51	49	458	456	453	
Geology, Earth, or Space Science	1,246	47	49	51	430	422	423	
Other Sciences	650	24	46	54	454	453	448	

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	893	33	47	53	461	452	457	
4 Years	1,093	41	51	49	469	463	464	
3 Years	388	15	56	44	425	426	419	
2 Years	114	4	59	41	419	405	405	
1 Year	85	3	48	52	386	385	364	
1/2 Year or Less	101	4	55	45	403	393	391	
No Response	361		50	50	444	443	434	
AP/Honors Courses	335	13	49	51	542	540	542	
Course Work or Experience								
U.S. History	2,504	95	50	50	454	448	448	
World History or Cultures	2,137	81	49	51	464	459	461	
U.S. Government or Civics	1,037	39	49	51	444	436	436	
Economics	429	16	51	49	445	438	439	
Geography	930	35	49	51	435	423	424	
Psychology	444	17	45	55	465	460	466	
European History	1,040	39	49	51	463	458	461	
Sociology	529	20	45	55	434	418	424	
Ancient History	985	37	51	49	463	454	457	
Other Courses	992	37	48	52	468	463	462	

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	626	24	46	54	473	465	469
4 Years	741	29	50	50	480	481	479
3 Years	262	10	62	38	431	424	418
2 Years	216	8	47	53	433	423	425
1 Year	202	8	50	50	440	426	435
1/2 Year or Less	546	21	53	47	417	409	405
No Response	442		52	48	443	439	434
AP/Honors Courses	362	14	41	59	532	531	532
Course Work or Experience							
Chinese	46	2	50	50	460	463	449
French	585	22	37	63	488	478	490
German	28	1	54	46	493	463	468
Greek	8	0	63	38	410	441	403
Hebrew	3	0	100	0			
Italian	232	9	39	61	468	460	464
Japanese	19	1	47	53	482	471	470
Korean	5	0	40	60	438	422	448
Latin	30	1	53	47	415	431	404
Russian	4	0	75	25			
Spanish	2,336	90	50	50	457	452	451
Other Languages	240	9	48	52	415	407	405

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	377	15	42	58	462	446	458
4 Years	338	13	49	51	457	453	456
3 Years	321	12	50	50	445	440	445
2 Years	523	20	53	47	464	457	454
1 Year	454	18	52	48	444	443	436
1/2 Year or Less	561	22	53	47	442	434	430
No Response	461		54	46	449	450	443
AP/Honors Courses	109	4	41	59	486	477	486
Course Work or Experience							
Acting or Play Production	704	27	37	63	465	448	461
Art History or Appreciation	652	25	42	58	464	449	456
Dance	611	24	24	76	446	437	445
Drama: Study or Appreciation	733	28	40	60	452	437	445
Music: Study or Appreciation	574	22	48	52	471	458	463
Music Performance	1,014	39	52	48	465	456	458
Photography or Film	452	17	37	63	448	435	439
Studio Art and Design	450	17	37	63	465	450	462
None	525	20	65	35	424	425	414

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,907	74	50	50	459	453	454
Computer Programming	549	21	55	45	442	445	438
Word Processing	1,837	71	49	51	460	453	456
Internet Activity	1,636	63	49	51	457	450	453
Using Computer Graphics	813	31	50	50	454	450	451
Creating Spreadsheets/Databases	748	29	51	49	459	459	455
None	276	11	54	46	413	409	402

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
526	1,427	516	554	565	561

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	61	12
2	157	30
3	220	42
4 or More	88	17

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		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
English											
Literature	145	538	99	141	560	109	535	103	564	114	
History and Social Studies											
U.S. History	86	625	114	86	618	92	593	93	626	97	
World History	33	611	106	33	608	104	600	92	604	90	
Mathematics											
Mathematics Level 1	363	554	102	357	548	92	577	96	563	97	
Mathematics Level 2	112	613	104	112	578	86	634	88	591	98	
Science											
Biology-E	39	561	75	39	576	61	562	82	568	74	
Biology-M	76	591	81	76	584	80	600	89	587	85	
Chemistry	50	583	99	49	571	91	615	83	580	90	
Physics	53	577	93	53	586	98	626	90	595	98	
Foreign and Classical Languages											
Chinese/Listening											
French	56	631	88	56	595	75	598	67	626	73	
French/Listening	4			4							
German											
German/Listening											
Modern Hebrew											
Italian	15	660		15	558		559		599		
Japanese/Listening											
Korean/Listening											
Latin											
Spanish	378	768	57	368	552	96	556	97	560	98	
Spanish/Listening	17	779		17	568		579		581		

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			15	17	5	15
700-740	6	4	9	10	3	9
650-690	21	14	19	22	4	12
600-640	17	12	15	17	5	15
550-590	20	14	5	6	6	18
500-540	30	21	9	10	5	15
450-490	21	14	7	8	5	15
400-440	21	14	4	5		
350-390	7	5	3	3		
300-340	1	1				
250-290	1	1				
200-240						
Total	145		86		33	
Mean	538		625		611	
SD	99		114		106	
75th percentile	610		700		680	
50th percentile	520		640		590	
25th percentile	470		530		520	

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	6	2	20	18			3	4	2	4	3	6
700-740	30	8	5	4	1	3	3	4	6	12	6	11
650-690	43	12	14	13	7	18	12	16	4	8	2	4
600-640	56	15	18	16	3	8	17	22	11	22	7	13
550-590	50	14	25	22	11	28	21	28	8	16	11	21
500-540	71	20	21	19	8	21	13	17	11	22	13	25
450-490	59	16	5	4	9	23	3	4	4	8	10	19
400-440	25	7					4	5	4	8	1	2
350-390	12	3	3	3								
300-340	11	3	1	1								
250-290												
200-240												
Total	363		112		39		76		50		53	
Mean	554		613		561		591		583		577	
SD	102		104		75		81		99		93	
75th percentile	630		690		610		630		640		610	
50th percentile	550		600		560		580		560		560	
25th percentile	490		540		490		540		510		500	

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			5	9	1	25						
700-740			10	18								
650-690			12	21	1	25						
600-640			8	14								
550-590			10	18	1	25						
500-540			8	14								
450-490			2	4	1	25						
400-440			1	2								
350-390												
300-340												
250-290												
200-240												
Total			56		4							
Mean			631									
SD			88									
75th percentile			700									
50th percentile			630									
25th percentile			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	1	7							308	81	15	88
700-740	3	20							38	10	1	6
650-690	5	33							13	3	1	6
600-640	4	27							10	3		
550-590	1	7							5	1		
500-540	1	7							2	1		
450-490									1	0		
400-440												
350-390									1	0		
300-340												
250-290												
200-240												
Total	15								378		17	
Mean	660								768		779	
SD									57			
75th percentile									800			
50th percentile									800			
25th percentile									760			

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	18	1	467	461	457
Architecture and Related Services	58	2	444	468	446
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	437	17	460	460	457
Business Management, Marketing, and Related Support Services	267	10	449	465	452
Communication, Journalism and Related Programs	94	4	455	414	444
Computer and Information Sciences and Support Services	46	2	424	394	400
Construction Trades	0	0			
Education	31	1	409	388	410
Engineering	312	12	464	493	456
Engineering Technologies/Technicians	50	2	449	462	431
English Language and Literature/Letters	29	1	538	435	522
Family and Consumer Sciences/Human Sciences	5	0	430	426	418
Foreign Languages, Literatures, and Linguistics	22	1	514	438	490
Health Professions and Related Clinical Services	443	17	449	448	445
History	12	0	528	466	492
Legal Professions and Studies	91	3	461	436	457
Liberal Arts and Sciences, General Studies, and Humanities	36	1	490	461	477
Library Science And Administration	0	0			
Mathematics and Statistics	10	0	502	562	501
Mechanic and Repair Technologies/Technician	5	0	276	302	274
Military Technologies And Applied Sciences	11	0	367	375	340
Multi/Interdisciplinary Studies	19	1	497	526	501
Natural Resources and Conservation	6	0	403	410	402
Parks, Recreation, Leisure and Fitness Studies	10	0	414	406	384
Personal and Culinary Services	13	0	404	361	371
Philosophy and Religious Studies	0	0			
Physical Sciences	45	2	480	486	467
Precision Production	0	0			
Psychology	98	4	468	435	459
Public Administration and Social Services Professions	3	0			
Security and Protective Services	30	1	403	395	387
Social Sciences	51	2	551	509	538
Theology and Religious Vocations	2	0			
Transportation and Materials Moving	2	0			
Visual and Performing Arts	205	8	471	425	464
Other	69	3	397	387	403
Undecided	100	4	494	498	501
Degree-Level Goal					
Certificate Program	19	1	407	407	394
Associate Degree	13	0	365	318	335
Bachelor's Degree	562	19	390	384	381
Master's Degree	757	26	457	448	449
Doctoral or Related Degree	1,308	45	473	469	468
Other	10	0	305	338	325
Undecided	228	8	464	459	459

College Plans

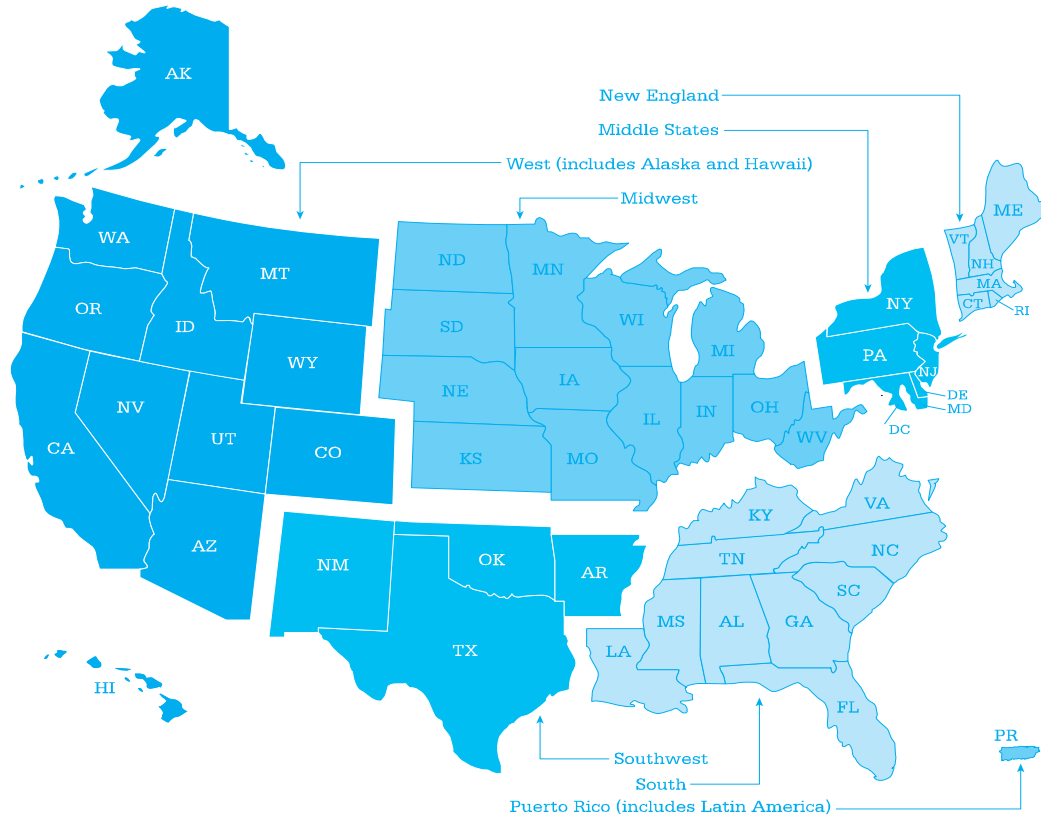
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 3,045 students from your state who took the SAT and/or an SAT Subject Test, 1,906 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 989 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
SYRACUSE UNIVERSITY	NY	Private	282	14.8
BOSTON UNIVERSITY	MA	Private	242	12.7
PENNSYLVANIA STATE UNIVERSITY	PA	Public	204	10.7
UNIVERSITY OF MIAMI	FL	Private	194	10.2
FLORIDA INTERNATIONAL UNIVERSITY	FL	Public	186	9.8
NORTHEASTERN UNIVERSITY	MA	Private	180	9.4
UNIVERSITY OF FLORIDA	FL	Public	180	9.4
UNIVERSITY OF PUERTO RICO MAYAGUEZ	PR	Public	163	8.6
NEW YORK UNIVERSITY	NY	Private	160	8.4
UNIVERSITY CENTRAL FLORIDA	FL	Public	158	8.3
UNIVERSITY OF TAMPA	FL	Private	152	8.0
MARQUETTE UNIVERSITY	WI	Private	146	7.7
UNIVERSITY OF PUERTO RICO RIO PIEDRAS CA	PR	Private	133	7.0
IOWA STATE UNIVERSITY	IA	Public	131	6.9
CORNELL UNIVERSITY	NY	Private	116	6.1
VILLANOVA UNIVERSITY	PA	Private	111	5.8
BOSTON COLLEGE	MA	Private	109	5.7
LOYOLA UNIVERSITY NEW ORLEANS	LA	Private	107	5.6
NCAA ELIGIBILITY CENTER	IN	Public	106	5.6
UNIVERSITY OF SOUTH FLORIDA	FL	Public	99	5.2
GEORGE WASHINGTON UNIVERSITY	DC	Private	99	5.2
UNIVERSITY OF NOTRE DAME	IN	Private	98	5.1
UNIVERSITY OF DAYTON	OH	Private	97	5.1
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	96	5.0
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	94	4.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	92	4.8
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	90	4.7
DUKE UNIVERSITY	NC	Private	90	4.7
UNIVERSITY OF CONNECTICUT	CT	Public	89	4.7
UNIVERSIDAD DE PUERTO RICO	PR	Public	88	4.6
AMERICAN UNIVERSITY DC THE	DC	Private	87	4.6
GEORGETOWN UNIVERSITY	DC	Private	84	4.4
FORDHAM UNIVERSITY	NY	Private	83	4.4
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	83	4.4
STANFORD UNIVERSITY	CA	Private	81	4.2
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	79	4.1
CATHOLIC UNIVERSITY OF AMERICA	DC	Private	78	4.1
RUTGERS UNIVERSITY	NJ	Public	76	4.0
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	75	3.9
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	75	3.9
BROWN UNIVERSITY	RI	Private	74	3.9
UNIVERSITY OF CHICAGO	IL	Private	74	3.9
LOYOLA UNIVERSITY CHICAGO	IL	Private	71	3.7
FLORIDA STATE UNIVERSITY	FL	Public	71	3.7
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	70	3.7

*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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