



2013 College-Bound Seniors

State Profile Report



HAWAII

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	8,590	481	104	504	112	468	104	46.7	10.6	7.1	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	3,734	485	106	523	116	464	107	46.5	10.7	6.9	1.6
Female	4,856	478	102	490	106	471	103	46.8	10.4	7.2	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)	6,876	472	98	495	106	458	97	45.6	9.9	7.0	1.5
Junior (2011-2012)	1,706	519	116	542	125	508	121	50.8	12.1	7.4	1.6
Sophomore (2010-2011)	7	520		504		511		51.0		7.4	
Freshman (2009-2010)	1										
Total	8,590	481	104	504	112	468	104	46.7	10.6	7.1	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	550	580	530	570	600	560
50th	480	500	460	490	510	480
25th	410	430	390	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	127	139	266	301	156	457	90	107	197
600-690	445	479	924	715	657	1,372	347	485	832
500-590	1,081	1,346	2,427	1,151	1,436	2,587	905	1,250	2,155
400-490	1,361	1,901	3,262	1,066	1,689	2,755	1,372	1,855	3,227
300-390	609	856	1,465	427	793	1,220	870	1,008	1,878
200-290	111	135	246	74	125	199	150	151	301

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	5,532	66	41	59	458	478	441
Religiously Affiliated	1,252	15	47	53	518	545	511
Independent	1,656	20	48	52	530	566	526
Other or Unknown	150		44	56	500	475	471

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	341	4	476	112	486	119	458	105
Nonstandard Conditions	103	1	526	122	551	138	521	120

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	46	1	494	104	490	104	468	106
Asian, Asian American, or Pacific Islander	6,051	70	474	100	508	112	463	103
Black or African American	186	2	465	104	462	103	449	101
Mexican or Mexican American	111	1	480	104	478	97	461	95
Puerto Rican	85	1	474	97	469	91	460	97
Other Hispanic, Latino, or Latin American	121	1	490	101	485	110	479	101
White	1,195	14	530	102	525	104	510	101
Other	536	6	463	115	469	119	445	114
No Response	259	3	471	108	472	106	456	102
Total	8,590	100	481	104	504	112	468	104

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	20	0	510		535		465	
Asian, Asian American, or Pacific Islander	2,621	31	479	103	527	116	460	105
Black or African American	89	1	452	105	464	106	437	104
Mexican or Mexican American	50	1	475	106	491	97	444	79
Puerto Rican	35	0	481	95	493	91	463	89
Other Hispanic, Latino, or Latin American	47	1	496	110	507	126	475	107
White	535	6	533	106	541	106	502	104
Other	217	3	465	116	480	123	434	118
No Response	120	1	465	112	493	111	447	101
Total	3,734	43	485	106	523	116	464	107

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	26	0	482	106	455	87	471	107
Asian, Asian American, or Pacific Islander	3,430	40	470	98	493	107	464	100
Black or African American	97	1	477	102	460	101	459	96
Mexican or Mexican American	61	1	485	103	467	96	475	105
Puerto Rican	50	1	468	97	452	87	457	101
Other Hispanic, Latino, or Latin American	74	1	487	95	471	95	482	96
White	660	8	528	99	511	100	517	99
Other	319	4	462	114	462	114	452	111
No Response	139	2	476	104	453	98	465	102
Total	4,856	57	478	102	490	106	471	103

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	8,590	100	481	104	504	112	468	104
First Language Learned								
English	6,530	77	487	102	505	110	472	103
English and Another	1,169	14	470	102	494	114	456	104
Another Language	733	9	443	107	511	121	440	110
No Response	158		522	118	532	122	512	113
Citizenship								
U.S. Citizen / U.S. National	7,910	95	485	102	505	110	471	103
U.S. Permanent Resident or Refugee	290	3	423	108	482	124	418	113
Citizen of Another Country	124	1	429	98	526	125	431	108
Other, Unknown, or No Response	266		463	125	487	129	448	122
Plans to Apply for Financial Aid								
Yes	6,502	85	478	102	500	110	464	102
No	243	3	503	108	532	113	489	108
Don't Know	945	12	482	106	511	116	467	109
No Response	900		499	112	525	119	490	115
Family Income								
\$0 - \$20,000	485	12	425	101	440	107	407	99
\$20,000–\$40,000	584	15	448	99	470	101	433	92
\$40,000–\$60,000	653	16	465	98	483	101	446	93
\$60,000–\$80,000	645	16	468	93	487	100	451	91
\$80,000–\$100,000	528	13	486	94	510	103	473	96
\$100,000–\$120,000	446	11	501	98	518	103	482	98
\$120,000–\$140,000	235	6	500	90	522	99	487	92
\$140,000–\$160,000	144	4	516	96	541	105	502	92
\$160,000–\$200,000	134	3	514	103	546	113	500	108
More than \$200,000	144	4	526	102	560	107	523	107
No Response	4,592		489	106	514	115	478	108
Highest Level of Parental Education								
No High School Diploma	208	3	437	95	488	110	427	101
High School Diploma	2,676	35	446	96	465	103	431	94
Associate Degree	808	11	459	89	482	101	440	88
Bachelor's Degree	2,541	34	506	97	530	106	493	98
Graduate Degree	1,319	17	545	104	563	112	533	106
No Response	1,038		456	98	490	105	450	100
Took the PSAT/NMSQT®								
Yes, As a Junior	2,254	28	483	104	510	112	473	106
Yes, As a Sophomore or Younger	1,484	19	480	101	503	106	466	98
Yes, As a Junior and As a Sophomore or Younger	2,651	33	511	101	539	109	501	102
No	1,617	20	435	91	446	96	413	86
No Response	584		470	108	492	110	458	106

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	1,113	30	39	61	543	581	536
Second Tenth	954	26	44	56	483	514	469
Second Fifth	771	21	49	51	457	479	438
Final Three Fifths	845	23	51	49	425	436	407
No Response	4,907		42	58	480	501	468

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)	376	5	33	67	552	584	547
A (93–96)	1,426	18	34	66	522	557	516
A- (90–92)	1,604	20	39	61	508	540	498
B (80–89)	3,677	46	47	53	461	481	446
C (70–79)	863	11	56	44	423	432	399
D, E, or F (below 70)	29	0	66	34	444	453	404
No Response	615		42	58	478	485	458
Mean Grade Point Average	All Students: 3.31		Male: 3.21		Female: 3.39		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.1	2.4	2.3	3.69	3.81	3.76
English and Language Arts	3.9	3.9	3.9	3.20	3.41	3.32
Foreign and Classical Languages	2.4	2.5	2.5	3.28	3.52	3.42
Mathematics	3.9	3.8	3.9	3.07	3.05	3.06
Natural Sciences	3.6	3.5	3.6	3.21	3.26	3.24
Social Sciences and History	3.7	3.8	3.7	3.32	3.43	3.38
Total for All Subjects	19.6	19.9	19.9			

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	568	8	44	56	504	531	491
4 Years	5,876	79	43	57	483	507	469
3 Years	693	9	43	57	444	459	432
2 Years	127	2	46	54	455	466	441
1 Year	70	1	30	70	423	430	409
1/2 Year or Less	82	1	48	52	410	441	404
No Response	1,174		47	53	493	519	484
AP®/Honors Courses	2,510	34	34	66	525	543	513
Course Work or Experience							
English/Language Arts	6,858	97	42	58	479	502	466
Journalism	673	10	37	63	481	495	471
Creative Writing	2,202	31	40	60	479	498	468
American Literature	4,528	64	43	57	483	505	469
Composition/Writing	4,554	64	41	59	474	496	461
British Literature	2,082	29	41	59	486	504	467
World Literature	2,478	35	42	58	481	500	467
Communications	938	13	43	57	475	499	465
Public Speaking	1,578	22	42	58	500	520	488
English As Second Language	471	7	40	60	420	478	413

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,023	14	45	55	507	557	497
4 Years	4,772	64	43	57	486	510	472
3 Years	1,360	18	42	58	445	446	429
2 Years	118	2	44	56	428	422	409
1 Year	46	1	37	63	432	453	415
1/2 Year or Less	89	1	43	57	415	429	403
No Response	1,182		46	54	493	518	483
AP/Honors Courses	2,001	27	43	57	539	586	526
Highest Level of Mathematics Achieved*							
Calculus	1,757	24	46	54	541	595	530
Pre-calculus	1,838	25	40	60	494	522	483
Geometry	3,503	48	42	58	442	447	425
Algebra II	94	1	33	67	461	462	445
Algebra I	24	0	67	33	379	377	366

*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	743	10	43	57	512	552	501	
4 Years	3,720	51	43	57	493	517	479	
3 Years	2,215	30	42	58	459	476	445	
2 Years	299	4	47	53	450	462	428	
1 Year	149	2	48	52	456	468	435	
1/2 Year or Less	190	3	35	65	415	441	404	
No Response	1,274		47	53	488	513	478	
AP/Honors Courses	1,945	27	41	59	543	578	530	
Course Work or Experience								
Biology	6,998	98	42	58	480	503	466	
Chemistry	6,671	93	42	58	483	507	469	
Physics	4,552	64	45	55	497	527	484	
Geology, Earth, or Space Science	2,378	33	46	54	470	481	451	
Other Sciences	3,403	48	37	63	470	491	455	

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	613	8	41	59	510	534	497	
4 Years	5,021	68	43	57	485	508	471	
3 Years	1,280	17	42	58	460	480	447	
2 Years	232	3	50	50	451	472	431	
1 Year	93	1	46	54	425	440	413	
1/2 Year or Less	109	1	46	54	409	436	404	
No Response	1,242		47	53	491	516	480	
AP/Honors Courses	2,096	29	38	62	535	554	522	
Course Work or Experience								
U.S. History	6,814	96	42	58	480	503	466	
World History or Cultures	6,378	89	42	58	479	501	465	
U.S. Government or Civics	3,950	55	43	57	473	492	457	
Economics	2,343	33	46	54	482	511	468	
Geography	1,129	16	43	57	455	467	439	
Psychology	3,511	49	36	64	476	498	461	
European History	1,204	17	43	57	521	539	510	
Sociology	1,833	26	39	61	458	478	442	
Ancient History	1,012	14	42	58	478	498	464	
Other Courses	3,027	42	41	59	491	517	478	

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	270	4	39	61	526	551	521	
4 Years	1,292	18	38	62	530	558	522	
3 Years	1,482	20	42	58	504	527	493	
2 Years	3,390	46	44	56	460	483	444	
1 Year	470	6	48	52	430	448	411	
1/2 Year or Less	449	6	49	51	425	442	408	
No Response	1,237		47	53	490	515	480	
AP/Honors Courses	516	7	32	68	579	606	573	
Course Work or Experience								
Chinese	304	4	46	54	526	581	518	
French	435	6	33	67	511	509	496	
German	50	1	42	58	510	507	497	
Greek	6	0	50	50	558	485	500	
Hebrew	3	0	67	33				
Italian	14	0	64	36	536	492	494	
Japanese	2,400	34	43	57	493	524	479	
Korean	39	1	33	67	460	505	454	
Latin	115	2	45	55	559	573	544	
Russian	4	0	50	50				
Spanish	3,291	46	41	59	472	489	459	
Other Languages	1,048	15	43	57	452	473	438	

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

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	541	7	39	61	521	543	509	
4 Years	1,509	21	38	62	510	535	502	
3 Years	1,046	14	39	61	486	500	472	
2 Years	1,620	22	44	56	476	501	460	
1 Year	1,276	18	46	54	469	493	455	
1/2 Year or Less	1,246	17	49	51	440	465	422	
No Response	1,352		47	53	485	510	474	
AP/Honors Courses	262	4	32	68	539	556	533	
Course Work or Experience								
Acting or Play Production	956	14	35	65	515	516	502	
Art History or Appreciation	1,387	20	38	62	491	511	480	
Dance	1,032	15	21	79	482	496	474	
Drama: Study or Appreciation	835	12	33	67	505	508	495	
Music: Study or Appreciation	699	10	48	52	513	528	497	
Music Performance	2,949	43	44	56	503	527	490	
Photography or Film	2,317	33	33	67	479	494	467	
Studio Art and Design	1,809	26	34	66	491	509	480	
None	1,248	18	54	46	440	466	422	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	3,645	55	43	57	489	510	475
Computer Programming	1,121	17	53	47	470	503	457
Word Processing	3,733	56	41	59	488	507	474
Internet Activity	3,293	49	41	59	486	506	472
Using Computer Graphics	2,538	38	45	55	480	501	464
Creating Spreadsheets/Databases	2,183	33	41	59	489	513	475
None	1,515	23	42	58	468	492	455

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
759	1,890	744	618	665	620

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	108	14
2	303	40
3	256	34
4 or More	92	12

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	202	619	97	196	641	95	628	88	630	89	
History and Social Studies											
U.S. History	228	650	101	225	646	85	650	89	636	89	
World History	21	625		21	659		646		649		
Mathematics											
Mathematics Level 1	210	611	101	204	600	96	640	93	600	107	
Mathematics Level 2	439	690	87	435	630	84	697	71	637	86	
Science											
Biology-E	69	622	104	68	623	105	647	100	616	99	
Biology-M	187	677	82	186	643	80	689	73	642	82	
Chemistry	228	679	87	222	644	77	711	64	651	83	
Physics	147	677	99	144	628	87	712	73	640	96	
Foreign and Classical Languages											
Chinese/Listening	36	731	71	36	567	104	668	76	597	120	
French	13	604		12	639		668		647		
French/Listening	4			4							
German											
German/Listening	1			1							
Modern Hebrew											
Italian											
Japanese/Listening	61	659	100	59	593	94	650	96	592	90	
Korean/Listening	8	739		8	501		629		558		
Latin	6	603		5	678		698		668		
Spanish	24	562		24	653		650		656		
Spanish/Listening	6	605		6	640		672		668		

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	13	6	41	18	3	14
700-740	42	21	50	22	5	24
650-690	37	18	47	21	2	10
600-640	29	14	28	12	3	14
550-590	38	19	22	10	2	10
500-540	21	10	19	8	3	14
450-490	12	6	14	6	1	5
400-440	7	3	3	1	1	5
350-390	2	1	4	2	1	5
300-340	1	0				
250-290						
200-240						
Total	202		228		21	
Mean	619		650		625	
SD	97		101			
75th percentile	700		720		700	
50th percentile	620		670		630	
25th percentile	550		580		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	13	6	151	34	10	14	33	18	58	25	46	31
700-740	40	19	66	15	7	10	57	30	47	21	30	20
650-690	35	17	89	20	13	19	44	24	56	25	14	10
600-640	41	20	62	14	11	16	24	13	28	12	26	18
550-590	30	14	42	10	15	22	14	7	20	9	17	12
500-540	20	10	20	5	7	10	10	5	11	5	5	3
450-490	15	7	8	2	3	4	3	2	5	2	7	5
400-440	8	4	1	0	1	1			3	1	2	1
350-390	6	3					1	1				
300-340	2	1			2	3	1	1				
250-290												
200-240												
Total	210		439		69		187		228		147	
Mean	611		690		622		677		679		677	
SD	101		87		104		82		87		99	
75th percentile	690		770		690		730		750		770	
50th percentile	630		690		610		690		680		700	
25th percentile	550		630		560		630		630		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	19	53	4	31								
700-740	8	22										
650-690	5	14										
600-640	2	6	3	23								
550-590	1	3	2	15	1	25						
500-540			1	8	2	50			1	100		
450-490	1	3	1	8	1	25						
400-440			2	15								
350-390												
300-340												
250-290												
200-240												
Total	36		13		4				1			
Mean	731		604									
SD	71											
75th percentile	790											
50th percentile	750											
25th percentile	690											

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			13	21	6	75	1	17	1	4		
700-740			12	20					4	17	2	33
650-690			10	16			2	33	2	8	1	17
600-640			11	18	1	13	1	17	2	8	1	17
550-590			6	10	1	13			6	25	1	17
500-540			5	8			1	17	1	4		
450-490			2	3					3	13		
400-440			2	3			1	17	2	8		
350-390									2	8	1	17
300-340									1	4		
250-290												
200-240												
Total			61		8		6		24		6	
Mean			659		739		603		562		605	
SD			100									
75th percentile			730						650			
50th percentile			670						580			
25th percentile			590						450			

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	75	1	437	444	411
Architecture and Related Services	149	2	487	537	474
Area, Ethnic, Cultural and Gender Studies	14	0	466	486	467
Biological and Biomedical Sciences	424	6	519	543	500
Business Management, Marketing, and Related Support Services	834	11	475	513	467
Communication, Journalism and Related Programs	168	2	506	492	503
Computer and Information Sciences and Support Services	155	2	516	535	479
Construction Trades	11	0	385	403	368
Education	326	4	466	481	460
Engineering	757	10	503	566	486
Engineering Technologies/Technicians	109	1	474	519	445
English Language and Literature/Letters	91	1	560	525	550
Family and Consumer Sciences/Human Sciences	27	0	451	456	436
Foreign Languages, Literatures, and Linguistics	71	1	505	521	489
Health Professions and Related Clinical Services	1,861	24	465	492	457
History	47	1	534	505	500
Legal Professions and Studies	113	1	522	513	501
Liberal Arts and Sciences, General Studies, and Humanities	62	1	482	466	468
Library Science And Administration	1	0			
Mathematics and Statistics	32	0	458	567	473
Mechanic and Repair Technologies/Technician	37	0	437	477	405
Military Technologies And Applied Sciences	62	1	478	482	441
Multi/Interdisciplinary Studies	25	0	590	555	543
Natural Resources and Conservation	59	1	465	479	450
Parks, Recreation, Leisure and Fitness Studies	58	1	420	442	405
Personal and Culinary Services	69	1	447	454	415
Philosophy and Religious Studies	19	0	489	462	471
Physical Sciences	102	1	516	566	505
Precision Production	2	0			
Psychology	331	4	483	487	467
Public Administration and Social Services Professions	33	0	444	426	422
Security and Protective Services	190	2	434	446	421
Social Sciences	99	1	541	517	523
Theology and Religious Vocations	8	0	541	519	534
Transportation and Materials Moving	17	0	423	465	416
Visual and Performing Arts	554	7	487	490	473
Other	125	2	445	463	431
Undecided	518	7	516	539	502
Degree-Level Goal					
Certificate Program	63	1	414	434	399
Associate Degree	148	2	394	401	372
Bachelor's Degree	2,529	33	454	473	437
Master's Degree	2,218	29	486	511	475
Doctoral or Related Degree	1,480	19	515	544	505
Other	40	1	418	438	406
Undecided	1,291	17	491	512	476

College Plans

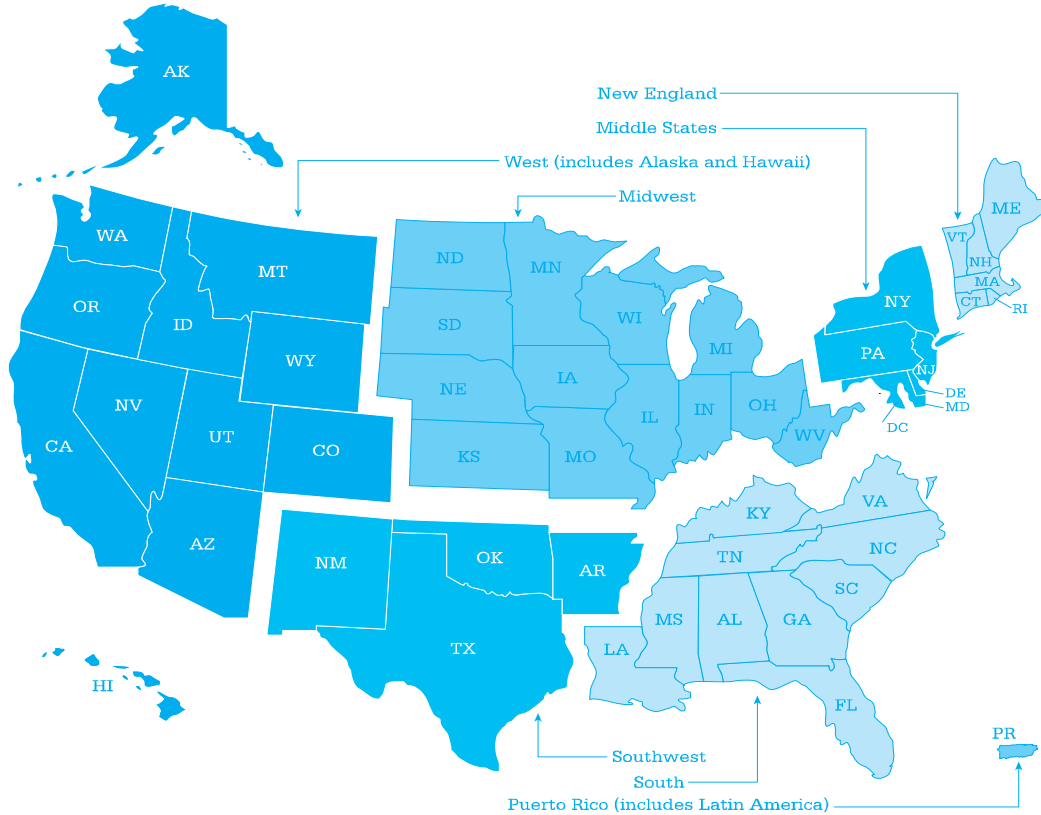
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 8,605 students from your state who took the SAT and/or an SAT Subject Test, 5,395 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 1,164 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF HAWAII AT MANOA	HI	Public	2,656	49.2
HAWAII PACIFIC UNIVERSITY	HI	Private	653	12.1
UNIVERSITY OF HAWAII AT HILO	HI	Public	621	11.5
UNIVERSITY OF PORTLAND	OR	Private	597	11.1
UNIVERSITY OF WASHINGTON	WA	Public	560	10.4
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	495	9.2
UNIVERSITY OF OREGON	OR	Public	490	9.1
NCAA ELIGIBILITY CENTER	IN	Public	468	8.7
OREGON STATE UNIVERSITY	OR	Public	463	8.6
SANTA CLARA UNIVERSITY	CA	Private	437	8.1
UNIVERSITY OF NEVADA LAS VEGAS	NV	Public	424	7.9
UNIVERSITY OF SAN FRANCISCO	CA	Private	409	7.6
PACIFIC UNIVERSITY	OR	Private	404	7.5
SEATTLE UNIVERSITY	WA	Private	401	7.4
CHAMINADE UNIVERSITY OF HONOLULU	HI	Private	377	7.0
STANFORD UNIVERSITY	CA	Private	351	6.5
UNIVERSITY OF THE PACIFIC	CA	Private	328	6.1
WASHINGTON STATE UNIVERSITY	WA	Public	326	6.0
NORTHERN ARIZONA UNIVERSITY	AZ	Public	318	5.9
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	289	5.4
LOYOLA MARYMOUNT UNIVERSITY	CA	Private	285	5.3
CHAPMAN UNIVERSITY	CA	Private	273	5.1
WILLAMETTE UNIVERSITY	OR	Private	259	4.8
UNIVERSITY OF HAWAII WEST OAHU	HI	Public	253	4.7
CREIGHTON UNIVERSITY	NE	Private	253	4.7
PORTLAND STATE UNIVERSITY	OR	Public	248	4.6
BOSTON UNIVERSITY	MA	Private	246	4.6
UNIVERSITY OF SAN DIEGO	CA	Private	232	4.3
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	231	4.3
UNIVERSITY OF COLORADO BOULDER	CO	Public	206	3.8
UNIVERSITY OF CALIFORNIA IRVINE	CA	Public	178	3.3
UNIVERSITY OF PUGET SOUND	WA	Private	177	3.3
WESTERN OREGON UNIVERSITY	OR	Public	177	3.3
NEW YORK UNIVERSITY	NY	Private	173	3.2
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	170	3.2
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	168	3.1
ARIZONA STATE UNIVERSITY	AZ	Public	146	2.7
LINFIELD COLLEGE	OR	Private	140	2.6
SAN DIEGO STATE UNIVERSITY	CA	Public	137	2.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	135	2.5
SEATTLE PACIFIC UNIVERSITY	WA	Private	133	2.5
GONZAGA UNIVERSITY	WA	Private	127	2.4
COLORADO MESA UNIVERSITY	CO	Public	126	2.3
NORTHEASTERN UNIVERSITY	MA	Private	122	2.3
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	117	2.2

*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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