



2013 College-Bound Seniors

State Profile Report



WYOMING

Included in This Report

[SAT® Data](#)

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[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	Mean	SD	Mean	SD	Mean	SD
Total	223	581	102	588	100	558	92	56.3	9.9	7.6	1.1

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	Mean	SD	Mean	SD	Mean	SD
Male	105	579	102	613	99	549	93	55.5	10.0	7.5	1.2
Female	118	583	102	565	95	566	90	57.0	9.7	7.7	1.1

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	Mean	SD	Mean	SD	Mean	SD
Senior (2012-2013)	128	581	108	588	101	559	95	56.3	10.2	7.6	1.1
Junior (2011-2012)	91	585	91	585	101	560	87	56.5	9.3	7.7	1.1
Sophomore (2010-2011)	3										
Freshman (2009-2010)	1										
Total	223	581	102	588	100	558	92	56.3	9.9	7.6	1.1

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	Mean	SD	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	650	650	620	570	600	560
50th	580	600	560	490	510	480
25th	500	510	490	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	13	15	28	21	10	31	5	8	13
600-690	37	37	74	48	36	84	26	34	60
500-590	31	41	72	22	42	64	46	47	93
400-490	18	21	39	9	26	35	22	27	49
300-390	6	4	10	5	4	9	6	2	8
200-290									

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	181	86	49	51	586	594	561
Religiously Affiliated		0					
Independent	30	14	43	57	554	563	547
Other or Unknown	12		33	67	580	554	545

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	10	4	549		563		522	
Nonstandard Conditions	4	2						

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	3	1						
Asian, Asian American, or Pacific Islander	13	6	582		633		566	
Black or African American	2	1						
Mexican or Mexican American	8	4	511		508		501	
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	4	2						
White	186	83	586	97	590	97	559	88
Other	2	1						
No Response	5	2	634		624		640	
Total	223	100	581	102	588	100	558	92

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	1	0						
Asian, Asian American, or Pacific Islander	5	2	518		654		488	
Black or African American	1	0						
Mexican or Mexican American	5	2	596		590		568	
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	2	1						
White	88	39	586	102	614	99	550	93
Other	1	0						
No Response	2	1						
Total	105	47	579	102	613	99	549	93

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	2	1						
Asian, Asian American, or Pacific Islander	8	4	623		620		615	
Black or African American	1	0						
Mexican or Mexican American	3	1						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	2	1						
White	98	44	586	92	569	89	567	83
Other	1	0						
No Response	3	1						
Total	118	53	583	102	565	95	566	90

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	223	100	581	102	588	100	558	92
First Language Learned								
English	196	89	587	98	592	98	564	90
English and Another	13	6	548		578		524	
Another Language	10	5	518		500		497	
No Response	4							
Citizenship								
U.S. Citizen / U.S. National	208	96	588	98	593	96	563	90
U.S. Permanent Resident or Refugee	2	1						
Citizen of Another Country	7	3	510		517		516	
Other, Unknown, or No Response	6		455		523		470	
Plans to Apply for Financial Aid								
Yes	144	71	588	106	586	105	563	93
No	23	11	604		607		568	
Don't Know	37	18	558	86	583	88	538	87
No Response	19		542		588		543	
Family Income								
\$0 - \$20,000	5	4	572		580		558	
\$20,000–\$40,000	10	8	606		574		579	
\$40,000–\$60,000	20	15	573		578		550	
\$60,000–\$80,000	16	12	525		561		505	
\$80,000–\$100,000	25	19	608	114	585	91	579	89
\$100,000–\$120,000	19	14	635		630		578	
\$120,000–\$140,000	11	8	515		557		515	
\$140,000–\$160,000	6	5	645		653		613	
\$160,000–\$200,000	5	4	574		590		542	
More than \$200,000	15	11	619		601		580	
No Response	91		570	92	585	95	555	92
Highest Level of Parental Education								
No High School Diploma	2	1						
High School Diploma	27	13	564	104	549	93	534	76
Associate Degree	15	7	571		581		540	
Bachelor's Degree	81	39	574	97	581	94	552	85
Graduate Degree	81	39	609	101	617	96	584	99
No Response	17		529		554		525	
Took the PSAT/NMSQT®								
Yes, As a Junior	70	33	606	108	610	105	584	99
Yes, As a Sophomore or Younger	45	21	565	89	577	87	539	74
Yes, As a Junior and As a Sophomore or Younger	58	27	598	96	598	101	576	91
No	38	18	551	97	551	97	515	76
No Response	12		513		564		525	

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	86	69	45	55	635	632	597
Second Tenth	26	21	65	35	573	594	552
Second Fifth	9	7	56	44	514	552	517
Final Three Fifths	4	3	75	25			
No Response	98		42	58	547	553	532

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)	41	19	46	54	634	648	604
A (93–96)	83	38	37	63	604	602	575
A- (90–92)	40	19	53	48	575	607	561
B (80–89)	48	22	58	42	509	506	494
C (70–79)	4	2	75	25			
D, E, or F (below 70)		0					
No Response	7		43	57	566	570	534
Mean Grade Point Average	All Students: 3.77		Male: 3.70		Female: 3.82		

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	2.4	2.9	2.7	3.95	3.92	3.93
English and Language Arts	4.0	4.0	4.0	3.68	3.84	3.77
Foreign and Classical Languages	3.0	3.4	3.2	3.63	3.70	3.67
Mathematics	4.1	4.2	4.1	3.61	3.63	3.62
Natural Sciences	3.9	4.1	4.0	3.71	3.69	3.70
Social Sciences and History	3.7	3.8	3.7	3.75	3.76	3.76
Total for All Subjects	21.1	22.4	21.7			

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	28	14	46	54	574	587	555	
4 Years	154	78	47	53	588	591	561	
3 Years	12	6	33	67	563	554	558	
2 Years	2	1	50	50				
1 Year	1	1	100	0				
1/2 Year or Less		0						
No Response	26		50	50	554	584	540	
AP®/Honors Courses	119	60	40	60	612	611	584	
Course Work or Experience								
English/Language Arts	180	99	47	53	587	589	561	
Journalism	20	11	30	70	568	541	537	
Creative Writing	53	29	30	70	559	560	551	
American Literature	105	58	45	55	590	584	561	
Composition/Writing	107	59	44	56	590	594	567	
British Literature	50	27	40	60	608	581	580	
World Literature	64	35	42	58	602	592	574	
Communications	32	18	41	59	577	571	547	
Public Speaking	81	45	40	60	594	598	566	
English As Second Language	5	3	40	60	568	622	530	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	49	25	51	49	600	622	584	
4 Years	132	67	45	55	581	579	554	
3 Years	13	7	38	62	562	543	536	
2 Years	1	1	100	0				
1 Year	2	1	100	0				
1/2 Year or Less		0						
No Response	26		50	50	554	584	540	
AP/Honors Courses	119	60	45	55	614	623	588	
Highest Level of Mathematics Achieved*								
Calculus	114	59	52	48	614	624	586	
Pre-calculus	39	20	41	59	566	569	545	
Geometry	37	19	38	62	520	506	501	
Algebra II	1	1	0	100				
Algebra I		0						

*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
More Than 4 Years	48	24	42	58	607	623	582
4 Years	118	60	46	54	579	578	552
3 Years	19	10	58	42	580	554	563
2 Years	6	3	50	50	568	583	557
1 Year	5	3	80	20	554	618	552
1/2 Year or Less		0					
No Response	27		48	52	552	587	540
AP/Honors Courses	104	53	42	58	617	623	589
Course Work or Experience							
Biology	182	98	46	54	587	591	562
Chemistry	175	95	45	55	588	593	563
Physics	128	69	54	46	606	613	573
Geology, Earth, or Space Science	102	55	45	55	583	590	561
Other Sciences	89	48	47	53	577	585	551

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	24	12	42	58	610	601	588
4 Years	107	55	47	53	579	583	557
3 Years	59	30	47	53	583	593	555
2 Years	4	2	75	25			
1 Year	1	1	100	0			
1/2 Year or Less	1	1	0	100			
No Response	27		48	52	552	587	540
AP/Honors Courses	90	46	42	58	614	608	595
Course Work or Experience							
U.S. History	179	96	46	54	587	590	561
World History or Cultures	154	83	46	54	593	594	567
U.S. Government or Civics	155	83	50	50	586	589	559
Economics	57	31	51	49	567	574	529
Geography	44	24	48	52	555	570	545
Psychology	69	37	45	55	605	594	577
European History	42	23	40	60	599	593	579
Sociology	27	15	44	56	617	586	576
Ancient History	20	11	50	50	558	570	533
Other Courses	34	18	38	62	615	585	585

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	26	13	31	69	613	601	589	
4 Years	60	30	38	62	596	604	567	
3 Years	50	25	64	36	590	602	566	
2 Years	49	25	45	55	550	550	531	
1 Year	10	5	70	30	595	601	554	
1/2 Year or Less	2	1	50	50				
No Response	26		46	54	554	576	541	
AP/Honors Courses	59	30	37	63	618	619	591	
Course Work or Experience								
Chinese	5	3	40	60	540	562	502	
French	30	16	50	50	596	572	559	
German	16	9	75	25	605	641	571	
Greek		0						
Hebrew		0						
Italian		0						
Japanese	1	1	0	100				
Korean		0						
Latin	7	4	14	86	594	587	577	
Russian	4	2	75	25				
Spanish	133	71	44	56	593	595	569	
Other Languages	3	2	0	100				

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	24	13	54	46	577	582	556
4 Years	49	26	33	67	593	579	567
3 Years	23	12	48	52	590	597	582
2 Years	45	24	38	62	594	584	566
1 Year	30	16	53	47	562	578	545
1/2 Year or Less	19	10	79	21	588	630	548
No Response	33		52	48	557	586	535
AP/Honors Courses	21	11	24	76	596	594	575
Course Work or Experience							
Acting or Play Production	38	21	37	63	581	573	564
Art History or Appreciation	23	13	39	61	591	564	564
Dance	22	12	14	86	530	536	530
Drama: Study or Appreciation	33	18	33	67	557	545	543
Music: Study or Appreciation	27	15	30	70	599	592	573
Music Performance	103	56	37	63	599	590	570
Photography or Film	42	23	29	71	576	573	560
Studio Art and Design	61	33	26	74	600	589	585
None	21	11	86	14	580	624	541

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	105	60	49	51	577	588	551
Computer Programming	39	22	64	36	569	572	535
Word Processing	110	63	49	51	580	586	554
Internet Activity	92	52	47	53	586	585	553
Using Computer Graphics	67	38	61	39	568	580	534
Creating Spreadsheets/Databases	70	40	47	53	573	581	546
None	33	19	39	61	617	607	598

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
62	147	52	635	649	599

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	8	13
2	27	44
3	24	39
4 or More	3	5

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

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

	SAT Subject Test			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	17	641		15	671		641		640	
History and Social Studies										
U.S. History	12	603		8	624		633		599	
World History	2			2						
Mathematics										
Mathematics Level 1	22	618		19	651		661		622	
Mathematics Level 2	36	681	80	29	650	83	684	72	608	101
Science										
Biology-E	17	578		15	587		617		564	
Biology-M	5	742		5	704		678		680	
Chemistry	11	628		11	657		651		623	
Physics	13	687		10	640		680		557	
Foreign and Classical Languages										
Chinese/Listening										
French	2			2						
French/Listening										
German										
German/Listening	1			1						
Modern Hebrew										
Italian										
Japanese/Listening										
Korean/Listening										
Latin										
Spanish	4			3						
Spanish/Listening	5	606		5	684		690		656	

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	2	12				
700-740	4	24	1	8		
650-690	2	12	3	25	1	50
600-640	6	35	4	33	1	50
550-590	2	12	1	8		
500-540			1	8		
450-490			1	8		
400-440			1	8		
350-390	1	6				
300-340						
250-290						
200-240						
Total	17		12		2	
Mean	641		603			
SD						
75th percentile						
50th percentile						
25th percentile						

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	2	9	10	28			2	40			3	23
700-740	3	14	3	8			2	40	1	9	2	15
650-690	2	9	11	31	2	12	1	20	3	27	5	38
600-640	6	27	6	17	6	35			5	45	2	15
550-590	4	18	4	11	4	24			1	9	1	8
500-540	5	23	2	6	4	24			1	9		
450-490					1	6						
400-440												
350-390												
300-340												
250-290												
200-240												
Total	22		36		17		5		11		13	
Mean	618		681		578		742		628		687	
SD			80									
75th percentile	650		750									
50th percentile	610		670									
25th percentile	530		630									

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			1	50								
700-740												
650-690												
600-640												
550-590												
500-540			1	50								
450-490									1	100		
400-440												
350-390												
300-340												
250-290												
200-240												
Total			2						1			
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												

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												
700-740									1	25		
650-690									2	50	2	40
600-640												
550-590									1	25	2	40
500-540											1	20
450-490												
400-440												
350-390												
300-340												
250-290												
200-240												
Total									4		5	
Mean											606	
SD												
75th percentile												
50th percentile												
25th percentile												

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	3	1			
Architecture and Related Services	2	1			
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	11	5	575	573	572
Business Management, Marketing, and Related Support Services	12	6	585	610	533
Communication, Journalism and Related Programs	7	3	600	574	581
Computer and Information Sciences and Support Services	4	2			
Construction Trades	0	0			
Education	9	4	573	554	563
Engineering	31	15	590	623	567
Engineering Technologies/Technicians	4	2			
English Language and Literature/Letters	4	2			
Family and Consumer Sciences/Human Sciences	0	0			
Foreign Languages, Literatures, and Linguistics	5	2	598	662	604
Health Professions and Related Clinical Services	38	18	586	574	564
History	2	1			
Legal Professions and Studies	6	3	615	612	592
Liberal Arts and Sciences, General Studies, and Humanities	5	2	504	492	480
Library Science And Administration	0	0			
Mathematics and Statistics	6	3	655	722	627
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	3	1			
Multi/Interdisciplinary Studies	1	0			
Natural Resources and Conservation	2	1			
Parks, Recreation, Leisure and Fitness Studies	0	0			
Personal and Culinary Services	2	1			
Philosophy and Religious Studies	0	0			
Physical Sciences	6	3	650	663	563
Precision Production	0	0			
Psychology	9	4	497	513	476
Public Administration and Social Services Professions	0	0			
Security and Protective Services	2	1			
Social Sciences	5	2	588	606	570
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	13	6	543	532	544
Other	1	0			
Undecided	14	7	624	610	601
Degree-Level Goal					
Certificate Program	2	1			
Associate Degree	1	0			
Bachelor's Degree	38	18	542	547	542
Master's Degree	74	36	591	602	557
Doctoral or Related Degree	66	32	602	595	570
Other	1	0			
Undecided	24	12	588	596	569

College Plans

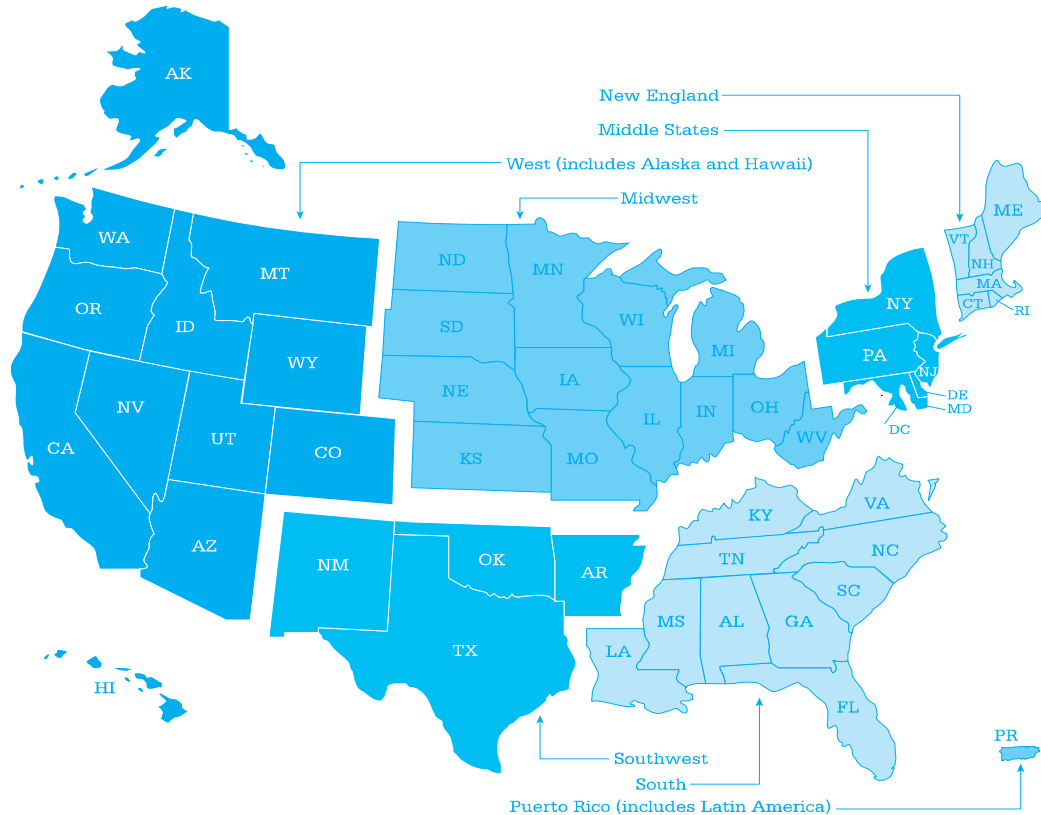
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 233 students from your state who took the SAT and/or an SAT Subject Test, 161 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 230 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY WYOMING	WY	Public	46	28.6
MONTANA STATE UNIVERSITY	MT	Public	28	17.4
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	25	15.5
MICHIGAN STATE UNIVERSITY	MI	Public	22	13.7
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	17	10.6
STANFORD UNIVERSITY	CA	Private	16	9.9
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	16	9.9
UNIVERSITY OF DENVER	CO	Private	13	8.1
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	11	6.8
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	10	6.2
NORTHWESTERN UNIVERSITY	IL	Private	10	6.2
YALE UNIVERSITY	CT	Private	9	5.6
UNIVERSITY OF WASHINGTON	WA	Public	9	5.6
WESTMINSTER COLLEGE SALT LAKE CITY	UT	Private	9	5.6
PRINCETON UNIVERSITY	NJ	Private	9	5.6
UNIVERSITY OF UTAH	UT	Public	8	5.0
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	8	5.0
CARNEGIE MELLON UNIVERSITY	PA	Private	8	5.0
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	7	4.3
UNIVERSITY OF COLORADO BOULDER	CO	Public	7	4.3
NCAA ELIGIBILITY CENTER	IN	Public	7	4.3
WASHINGTON UNIVERSITY	MO	Private	7	4.3
SANTA CLARA UNIVERSITY	CA	Private	6	3.7
UNIVERSITY OF CHICAGO	IL	Private	6	3.7
CORNELL UNIVERSITY	NY	Private	6	3.7
GEORGETOWN UNIVERSITY	DC	Private	6	3.7
ARIZONA STATE UNIVERSITY	AZ	Public	6	3.7
UNIVERSITY OF VIRGINIA	VA	Public	6	3.7
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	6	3.7
DUKE UNIVERSITY	NC	Private	5	3.1
RICE UNIVERSITY	TX	Private	5	3.1
UTAH STATE UNIVERSITY	UT	Public	5	3.1
WILLIAMS COLLEGE	MA	Private	5	3.1
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	5	3.1
COLORADO SCHOOL OF MINES	CO	Public	5	3.1
UNIVERSITY OF ARIZONA	AZ	Public	5	3.1
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	5	3.1
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	4	2.5
UNITED STATES MILITARY ACADEMY	NY	Public	4	2.5
COLORADO MESA UNIVERSITY	CO	Public	4	2.5
UNIVERSITY OF MONTANA	MT	Public	4	2.5
ELON UNIVERSITY	NC	Private	4	2.5
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	4	2.5
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	4	2.5
NEW YORK UNIVERSITY	NY	Private	4	2.5

*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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