

SAT[®]

2014 College-Bound Seniors

State Profile Report



NORTH DAKOTA

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 2014 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 Oct. 7, 2014 when the College Board will make state and total group-level data and information publicly available.** 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 2014 includes students who tested through June 2014.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2014 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, 1972–2014

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
2014	499	495	497	530	499	513	481	492	487

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 2000–2014, 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 2014. Information is summarized for seniors who took the SAT at any time during their high school years through June 2014. 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	162	612	108	620	106	584	104	59.5	11.0	7.4	1.3

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	83	635	103	634	107	590	101	60.4	10.7	7.3	1.4
Female	79	588	109	605	102	577	106	58.4	11.3	7.5	1.3

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 (2013-2014)	97	607	118	613	114	566	109	57.8	11.6	7.2	1.4
Junior (2012-2013)	65	619	93	630	91	610	89	61.9	9.6	7.7	1.2
Sophomore (2011-2012)	0										
Freshman (2010-2011)	0										
Total	162	612	108	620	106	584	104	59.5	11.0	7.4	1.3

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	1,672,395	497	115	513	120	487	115	48.9	11.6	7.0	1.7

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2014 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	700	700	660	570	600	560
50th	610	630	600	490	510	480
25th	530	560	500	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	30	13	43	26	16	42	8	10	18
600-690	26	25	51	31	32	63	40	30	70
500-590	19	23	42	13	20	33	17	19	36
400-490	6	14	20	10	7	17	14	17	31
300-390	2	4	6	3	4	7	3	3	6
200-290							1		1

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	123	87	51	49	615	631	590
Religiously Affiliated	18	13	56	44	621	620	594
Independent	1	1	100	0			
Other or Unknown	20		45	55	584	549	539

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	4	2						
Nonstandard Conditions	0	0						

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	5	3	656		646		600	
Asian, Asian American, or Pacific Islander	15	9	580		653		564	
Black or African American	7	4	554		511		503	
Mexican or Mexican American	1	1						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	3	2						
White	120	74	620	105	623	100	588	103
Other	6	4	628		663		690	
No Response	5	3	644		596		590	
Total	162	100	612	108	620	106	584	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	3	2						
Asian, Asian American, or Pacific Islander	7	4	649		659		589	
Black or African American	3	2						
Mexican or Mexican American	0	0						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	0	0						
White	64	40	636	105	636	99	590	101
Other	3	2						
No Response	3	2						
Total	83	51	635	103	634	107	590	101

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	5	520		649		543	
Black or African American	4	2						
Mexican or Mexican American	1	1						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	3	2						
White	56	35	603	101	609	99	584	106
Other	3	2						
No Response	2	1						
Total	79	49	588	109	605	102	577	106

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	162	100	612	108	620	106	584	104
First Language Learned								
English	135	85	620	108	618	108	586	102
English and Another	17	11	596		632		593	
Another Language	7	4	536		637		534	
No Response	3							
Citizenship								
U.S. Citizen / U.S. National	148	94	620	105	624	105	590	104
U.S. Permanent Resident or Refugee	5	3	552		606		586	
Citizen of Another Country	4	3						
Other, Unknown, or No Response	5		526		510		460	
Plans to Apply for Financial Aid								
Yes	116	75	621	111	631	102	594	102
No	16	10	601		595		567	
Don't Know	22	14	590		608		559	
No Response	8		563		534		535	
Family Income								
\$0 - \$20,000	6	6	537		613		520	
\$20,000–\$40,000	8	7	631		625		588	
\$40,000–\$60,000	10	9	577		561		537	
\$60,000–\$80,000	11	10	586		605		548	
\$80,000–\$100,000	26	24	628	90	635	90	584	99
\$100,000–\$120,000	12	11	682		689		648	
\$120,000–\$140,000	8	7	699		686		674	
\$140,000–\$160,000	6	6	537		563		530	
\$160,000–\$200,000	4	4						
More than \$200,000	16	15	607		595		587	
No Response	55		606	105	616	113	584	98
Highest Level of Parental Education								
No High School Diploma	1	1						
High School Diploma	11	7	515		533		509	
Associate Degree	16	10	584		598		545	
Bachelor's Degree	55	35	612	109	628	97	578	98
Graduate Degree	74	47	637	96	638	93	610	94
No Response	5		554		578		582	
Took the PSAT/NMSQT®								
Yes, As a Junior	61	39	627	104	630	95	595	97
Yes, As a Sophomore or Younger	26	17	582	97	585	107	550	103
Yes, As a Junior and As a Sophomore or Younger	41	26	666	83	681	70	652	72
No	28	18	543	116	558	110	510	87
No Response	6		543		537		483	

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	84	72	49	51	648	667	630
Second Tenth	13	11	62	38	647	650	615
Second Fifth	10	9	60	40	575	571	518
Final Three Fifths	9	8	56	44	504	483	453
No Response	46		50	50	564	563	530

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)	52	34	44	56	667	678	646
A (93–96)	60	39	50	50	622	638	592
A- (90–92)	26	17	62	38	568	570	521
B (80–89)	15	10	60	40	491	467	471
C (70–79)	2	1	100	0			
D, E, or F (below 70)		0					
No Response	7		43	57	583	581	574
Mean Grade Point Average	All Students: 3.95		Male: 3.89		Female: 4.02		

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	2.7	2.7	2.7	3.91	3.99	3.95
English and Language Arts	4.0	4.1	4.1	3.80	3.88	3.84
Foreign and Classical Languages	2.6	3.0	2.8	3.70	3.85	3.77
Mathematics	4.4	4.4	4.4	3.72	3.80	3.76
Natural Sciences	3.9	3.9	3.9	3.77	3.86	3.82
Social Sciences and History	3.8	3.6	3.7	3.88	3.80	3.84
Total for All Subjects	21.4	21.7	21.6			

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

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	21	14	24	76	615	637	602
4 Years	119	80	55	45	620	627	588
3 Years	7	5	71	29	604	630	536
2 Years	1	1	100	0			
1 Year		0					
1/2 Year or Less	1	1	0	100			
No Response	13		54	46	559	533	541
AP@/Honors Courses	73	49	49	51	654	659	624
Course Work or Experience							
English/Language Arts	141	97	50	50	619	631	592
Journalism	14	10	36	64	639	643	620
Creative Writing	31	21	48	52	640	603	586
American Literature	96	66	50	50	626	620	589
Composition/Writing	68	47	46	54	605	604	575
British Literature	51	35	53	47	631	622	582
World Literature	48	33	54	46	621	610	568
Communications	19	13	42	58	636	635	606
Public Speaking	58	40	43	57	600	608	576
English As Second Language	6	4	33	67	512	627	488

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	72	49	50	50	648	670	625
4 Years	61	41	52	48	592	601	552
3 Years	13	9	54	46	582	538	550
2 Years	1	1	100	0			
1 Year	1	1	0	100			
1/2 Year or Less		0					
No Response	14		50	50	558	534	541
AP/Honors Courses	82	55	52	48	645	676	617
Highest Level of Mathematics Achieved*							
Calculus	95	64	55	45	652	674	626
Pre-calculus	29	19	48	52	589	586	560
Geometry	23	15	39	61	511	502	480
Algebra II	1	1	100	0			
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	Writing	
More Than 4 Years	35	24	46	54	649	675	623	
4 Years	76	51	57	43	628	634	595	
3 Years	30	20	43	57	567	574	536	
2 Years	3	2	67	33				
1 Year	2	1	50	50				
1/2 Year or Less	2	1	50	50				
No Response	14		50	50	558	534	541	
AP/Honors Courses	64	43	56	44	651	669	620	
Course Work or Experience								
Biology	144	98	51	49	621	630	592	
Chemistry	133	90	50	50	627	637	599	
Physics	101	69	55	45	638	648	608	
Geology, Earth, or Space Science	58	39	48	52	616	618	586	
Other Sciences	96	65	48	52	634	643	605	

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	17	12	65	35	647	671	633	
4 Years	77	52	52	48	627	623	586	
3 Years	44	30	45	55	603	623	579	
2 Years	7	5	71	29	604	651	603	
1 Year	1	1	0	100				
1/2 Year or Less	1	1	0	100				
No Response	15		47	53	553	532	534	
AP/Honors Courses	60	41	55	45	665	667	631	
Course Work or Experience								
U.S. History	140	95	51	49	626	634	596	
World History or Cultures	121	82	50	50	620	629	588	
U.S. Government or Civics	139	95	51	49	623	631	592	
Economics	116	79	49	51	623	636	597	
Geography	43	29	53	47	597	599	567	
Psychology	62	42	48	52	615	629	585	
European History	36	24	53	47	621	629	587	
Sociology	27	18	48	52	613	624	599	
Ancient History	16	11	44	56	655	636	608	
Other Courses	36	24	44	56	632	622	595	

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	7	5	43	57	647	681	670
4 Years	46	32	46	54	664	675	637
3 Years	22	15	45	55	602	636	580
2 Years	60	41	52	48	595	593	560
1 Year	6	4	83	17	557	587	512
1/2 Year or Less	5	3	100	0	544	584	502
No Response	16		50	50	564	536	538
AP/Honors Courses	3	2	67	33			
Course Work or Experience							
Chinese	5	3	80	20	694	654	652
French	26	18	54	46	614	628	594
German	20	14	65	35	622	629	593
Greek		0					
Hebrew		0					
Italian		0					
Japanese	1	1	0	100			
Korean		0					
Latin	21	14	48	52	675	676	637
Russian	2	1	0	100			
Spanish	82	56	44	56	614	623	591
Other Languages	7	5	43	57	579	619	520

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	20	14	70	30	686	679	665	
4 Years	37	25	35	65	634	647	605	
3 Years	19	13	58	42	598	623	579	
2 Years	29	20	45	55	615	625	574	
1 Year	23	16	61	39	596	603	543	
1/2 Year or Less	18	12	50	50	548	577	554	
No Response	16		56	44	574	543	546	
AP/Honors Courses	4	3	75	25				
Course Work or Experience								
Acting or Play Production	43	29	44	56	660	644	630	
Art History or Appreciation	16	11	44	56	602	571	546	
Dance	15	10	13	87	565	617	557	
Drama: Study or Appreciation	26	18	31	69	638	648	621	
Music: Study or Appreciation	15	10	40	60	699	690	665	
Music Performance	90	62	53	47	638	640	609	
Photography or Film	19	13	53	47	619	618	580	
Studio Art and Design	34	23	32	68	631	648	608	
None	16	11	81	19	558	614	545	
Computers								
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	81	61	47	53	619	633	589	
Computer Programming	32	24	72	28	617	650	593	
Word Processing	82	62	44	56	621	633	591	
Internet Activity	57	43	49	51	611	629	588	
Using Computer Graphics	43	32	60	40	609	632	585	
Creating Spreadsheets/Databases	48	36	52	48	624	639	605	
None	19	14	53	47	635	652	605	

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
66	168	47	656	673	634

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	3	5
2	32	48
3	24	36
4 or More	7	11

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	19	693		15	708		660		689	
History and Social Studies										
U.S. History	16	640		12	658		617		617	
World History	1			1						
Mathematics										
Mathematics Level 1	19	657		13	645		635		614	
Mathematics Level 2	49	701	86	36	659	99	690	57	639	92
Science										
Biology-E	7	654		5	696		686		622	
Biology-M	14	689		11	695		689		650	
Chemistry	23	680		16	655		688		624	
Physics	13	645		7	533		669		541	
Foreign and Classical Languages										
Chinese/Listening										
French	2			1						
French/Listening										
German										
German/Listening	1			1						
Modern Hebrew										
Italian										
Japanese/Listening										
Korean/Listening										
Latin	1			1						
Spanish	3			2						
Spanish/Listening										

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	4	21	3	19	1	100
700-740	5	26	3	19		
650-690	7	37	3	19		
600-640	1	5	3	19		
550-590	2	11				
500-540			1	6		
450-490			2	13		
400-440			1	6		
350-390						
300-340						
250-290						
200-240						
Total	19		16		1	
Mean	693		640			
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	11	22	45	1	14	6	43	5	22	2	15
700-740	5	26	7	14	2	29	3	21	5	22	2	15
650-690	5	26	5	10	2	29			6	26	5	38
600-640	3	16	6	12			1	7	3	13		
550-590	2	11	8	16	1	14	3	21	3	13	1	8
500-540	1	5	1	2	1	14	1	7	1	4	1	8
450-490											2	15
400-440												
350-390	1	5										
300-340												
250-290												
200-240												
Total	19		49		7		14		23		13	
Mean	657		701		654		689		680		645	
SD			86									
75th percentile			770						730			
50th percentile			710						670			
25th percentile			610						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												
700-740												
650-690												
600-640												
550-590			1	50								
500-540												
450-490												
400-440									1	100		
350-390			1	50								
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												
650-690												
600-640							1	100	1	33		
550-590									1	33		
500-540												
450-490									1	33		
400-440												
350-390												
300-340												
250-290												
200-240												
Total							1		3			
Mean												
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	1	1			
Architecture and Related Services	1	1			
Area, Ethnic, Cultural and Gender Studies	0	0			
Biological and Biomedical Sciences	8	5	594	621	558
Business Management, Marketing, and Related Support Services	8	5	571	584	555
Communication, Journalism and Related Programs	3	2			
Computer and Information Sciences and Support Services	6	4	657	672	635
Construction Trades	0	0			
Education	2	1			
Engineering	25	17	652	659	618
Engineering Technologies/Technicians	0	0			
English Language and Literature/Letters	4	3			
Family and Consumer Sciences/Human Sciences	0	0			
Foreign Languages, Literatures, and Linguistics	2	1			
Health Professions and Related Clinical Services	32	22	578	593	556
History	4	3			
Legal Professions and Studies	5	3	638	658	660
Liberal Arts and Sciences, General Studies, and Humanities	0	0			
Library Science And Administration	0	0			
Mathematics and Statistics	2	1			
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	0	0			
Multi/Interdisciplinary Studies	1	1			
Natural Resources and Conservation	0	0			
Parks, Recreation, Leisure and Fitness Studies	0	0			
Personal and Culinary Services	0	0			
Philosophy and Religious Studies	0	0			
Physical Sciences	10	7	612	679	590
Precision Production	0	0			
Psychology	4	3			
Public Administration and Social Services Professions	0	0			
Security and Protective Services	1	1			
Social Sciences	6	4	670	660	635
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	8	5	635	659	621
Other	1	1			
Undecided	13	9	693	668	642
Degree-Level Goal					
Certificate Program	1	1			
Associate Degree	0	0			
Bachelor's Degree	34	22	591	597	550
Master's Degree	33	21	613	618	588
Doctoral or Related Degree	71	46	629	639	605
Other	0	0			
Undecided	15	10	619	638	587

College Plans

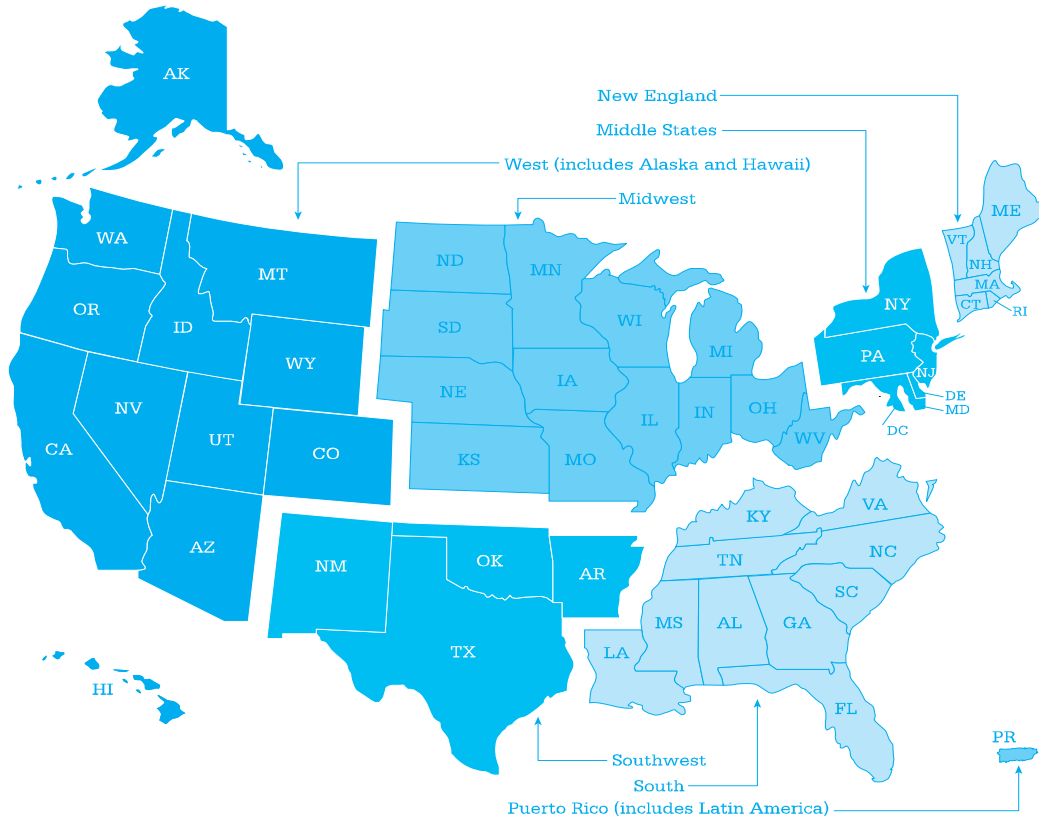
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 181 students from your state who took the SAT and/or an SAT Subject Test, 140 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 193 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
North Dakota State University	ND	Public	39	27.9
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	36	25.7
University of Minnesota: Twin Cities	MN	Public	32	22.9
University of North Dakota	ND	Public	32	22.9
Harvard College	MA	Private	30	21.4
Stanford University	CA	Private	25	17.9
Princeton University	NJ	Private	18	12.9
Cornell University	NY	Private	16	11.4
University of Chicago	IL	Private	15	10.7
Massachusetts Institute of Technology	MA	Private	15	10.7
Yale University	CT	Private	14	10.0
University of California: Berkeley	CA	Public	13	9.3
Columbia University	NY	Private	12	8.6
University of Pennsylvania	PA	Private	11	7.9
Brown University	RI	Private	10	7.1
Dartmouth College	NH	Private	10	7.1
Northwestern University	IL	Private	9	6.4
University of Southern California	CA	Private	8	5.7
Minnesota State University Moorhead	MN	Public	8	5.7
Rensselaer Polytechnic Institute	NY	Private	7	5.0
Concordia College: Moorhead	MN	Private	7	5.0
Johns Hopkins University	MD	Private	6	4.3
Duke University	NC	Private	6	4.3
University of Mary	ND	Private	6	4.3
Georgetown University	DC	Private	6	4.3
University of Washington	WA	Public	5	3.6
University of Michigan	MI	Public	5	3.6
Georgia Institute of Technology	GA	Public	5	3.6
California Institute of Technology	CA	Private	5	3.6
Case Western Reserve University	OH	Private	5	3.6
Penn State University Park	PA	Public	5	3.6
Minot State University	ND	Public	5	3.6
Carnegie Mellon University	PA	Private	5	3.6
University of Illinois at Urbana-Champaign	IL	Public	4	2.9
Vanderbilt University	TN	Private	4	2.9
University of Rochester	NY	Private	4	2.9
University of Wisconsin-Madison	WI	Public	4	2.9
Rice University	TX	Private	4	2.9
University of Nebraska - Lincoln	NE	Public	4	2.9
New York University	NY	Private	4	2.9
University of California: Los Angeles	CA	Public	4	2.9
Washington University in St. Louis	MO	Private	4	2.9
Amherst College	MA	Private	3	2.1
University of Denver	CO	Private	3	2.1
St. Olaf College	MN	Private	3	2.1

*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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