



2011 College-Bound Seniors

State Profile Report

NORTH DAKOTA

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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 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.
- 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.
- 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 Web site 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.

The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2011

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

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 2000–2011, 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 <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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	219	586	107	612	94	561	97	57.5	10.1	7.2	1.6

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	108	594	106	640	82	562	94	58.1	9.7	7.1	1.7
Female	111	578	106	584	97	559	100	57.0	10.4	7.4	1.4

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 (2010-2011)	123	572	119	607	102	550	104	56.3	11.0	7.2	1.6
Junior (2009-2010)	96	604	86	617	82	574	85	59.1	8.5	7.3	1.6
Sophomore (2008-2009)											
Freshman (2007-2008)											
Total	219	586	107	612	94	561	97	57.5	10.1	7.2	1.6

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	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 2011 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	670	670	640	570	600	560
50th	600	630	560	490	510	480
25th	510	550	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	17	12	29	24	10	34	9	8	17
600–690	43	43	86	56	51	107	30	35	65
500–590	28	33	61	22	26	48	38	39	77
400–490	15	15	30	6	20	26	27	22	49
300–390	4	8	12		4	4	4	6	10
200–290	1		1					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	179	90	47	53	593	620	570
Religiously Affiliated	21	11	71	29	573	618	550
Independent		0					
Other or Unknown	19		42	58	533	526	488

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	6	3	502		492		468	
Nonstandard Conditions	1	0						

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	1	0						
Asian, Asian American, or Pacific Islander	24	11	499		624		508	
Black or African American	6	3	485		485		433	
Mexican or Mexican American	3	1						
Puerto Rican								
Other Hispanic, Latino, or Latin American	1	0						
White	174	79	603	91	615	92	572	88
Other	4	2						
No Response	6	3	522		583		510	
Total	219	100	586	107	612	94	561	97

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								
Asian, Asian American, or Pacific Islander	13	6	515		652		536	
Black or African American	2	1						
Mexican or Mexican American								
Puerto Rican								
Other Hispanic, Latino, or Latin American								
White	90	41	609	92	639	85	569	90
Other								
No Response	3	1						
Total	108	49	594	106	640	82	562	94

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	1	0						
Asian, Asian American, or Pacific Islander	11	5	480		590		475	
Black or African American	4	2						
Mexican or Mexican American	3	1						
Puerto Rican								
Other Hispanic, Latino, or Latin American	1	0						
White	84	38	597	91	589	91	575	86
Other	4	2						
No Response	3	1						
Total	111	51	578	106	584	97	559	100

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	219	100	586	107	612	94	561	97
First Language Learned								
English	182	85	602	94	612	94	572	91
English and Another	11	5	527		617		514	
Another Language	20	9	478		621		494	
No Response	6		573		575		535	
Citizenship								
U.S. Citizen / U.S. National	198	93	597	97	612	93	568	92
U.S. Permanent Resident or Refugee	7	3	587		621		560	
Citizen of Another Country	8	4	409		610		443	
Other, Unknown, or No Response	6		462		588		462	
Plans to Apply for Financial Aid								
Yes	151	74	594	101	615	93	567	95
No	15	7	579		605		555	
Don't Know	37	18	556	110	583	98	533	91
No Response	16		587		649		565	
Family Income								
\$0 - \$20,000	4	3						
\$20,000–\$40,000	13	8	551		628		540	
\$40,000–\$60,000	18	12	554		573		547	
\$60,000–\$80,000	28	18	590	92	597	89	552	84
\$80,000–\$100,000	25	16	588	73	628	79	560	75
\$100,000–\$120,000	23	15	599		628		566	
\$120,000–\$140,000	13	8	632		628		596	
\$140,000–\$160,000	7	4	561		594		547	
\$160,000–\$200,000	6	4	648		630		588	
More than \$200,000	19	12	602		623		567	
No Response	63		585	119	611	106	567	109
Highest Level of Parental Education								
No High School Diploma	4	2						
High School Diploma	30	14	529	116	575	98	505	112
Associate Degree	17	8	554		560		520	
Bachelor's Degree	72	34	582	97	613	92	561	80
Graduate Degree	89	42	626	90	643	81	596	90
No Response	7		526		553		507	
Took the PSAT/NMSQT®								
Yes, As a Junior	101	48	592	102	614	84	565	85
Yes, As a Sophomore or Younger	23	11	570		615		569	
Yes, As a Junior and As a Sophomore or Younger	47	22	647	88	654	83	623	79
No	39	19	520	100	555	99	482	93
No Response	9		523		594		504	

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	120	76	48	53	620	649	600
Second Tenth	25	16	52	48	574	590	542
Second Fifth	10	6	60	40	492	523	480
Final Three Fifths	3	2	33	67			
No Response	61		51	49	548	564	509

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)	57	27	51	49	640	673	614
A (93–96)	93	43	48	52	603	620	579
A- (90–92)	29	14	48	52	546	568	518
B (80–89)	31	14	45	55	494	524	464
C (70–79)	3	1	67	33			
D, E, or F (below 70)	1	0	100	0			
No Response	5		60	40	518	610	504
Mean Grade Point Average	All Students: 3.87		Male: 3.86		Female: 3.87		

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	3.3	3.0	3.93	3.93	3.93
English and Language Arts	4.0	4.1	4.1	3.78	3.87	3.83
Foreign and Classical Languages	2.9	3.0	3.0	3.79	3.78	3.78
Mathematics	4.3	4.2	4.3	3.80	3.65	3.72
Natural Sciences	3.9	3.9	3.9	3.82	3.77	3.79
Social Sciences and History	3.7	3.7	3.7	3.77	3.88	3.83
Total for All Subjects	21.5	22.2	22.0			

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	29	14	45	55	617	629	611
4 Years	161	80	45	55	581	609	556
3 Years	10	5	90	10	572	572	508
2 Years	1	0	100	0			
1 Year		0					
1/2 Year or Less		0					
No Response	18		72	28	591	622	554
AP®/Honors Courses	108	54	44	56	620	635	602
Course Work or Experience							
English/Language Arts	191	99	47	53	589	611	565
Journalism	27	14	48	52	593	600	574
Creative Writing	33	17	45	55	571	580	555
American Literature	121	63	48	52	574	598	551
Composition/Writing	86	45	50	50	567	586	536
British Literature	51	26	51	49	581	604	565
World Literature	50	26	48	52	587	607	566
Communications	26	13	46	54	571	597	572
Public Speaking	71	37	41	59	573	593	542
English As Second Language	11	6	55	45	430	589	462

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	78	39	50	50	625	660	603
4 Years	99	49	44	56	566	591	542
3 Years	23	11	52	48	551	542	513
2 Years	1	0	0	100			
1 Year		0					
1/2 Year or Less		0					
No Response	18		72	28	587	614	557
AP/Honors Courses	110	55	53	47	619	651	594
Highest Level of Mathematics Achieved*							
Calculus	98	49	56	44	624	660	599
Pre-calculus	50	25	44	56	566	597	551
Trigonometry	9	5	33	67	603	582	556
Algebra II	41	21	34	66	513	510	488
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	44	22	45	55	629	652	615	
4 Years	98	49	46	54	581	609	556	
3 Years	52	26	56	44	572	590	538	
2 Years	5	2	20	80	566	610	530	
1 Year	2	1	0	100				
1/2 Year or Less		0						
No Response	18		72	28	581	608	551	
AP/Honors Courses	86	43	45	55	617	647	588	
Course Work or Experience								
Biology	192	99	47	53	587	609	563	
Chemistry	177	91	48	52	591	614	568	
Physics	117	60	53	47	602	631	574	
Geology, Earth, or Space Science	81	42	49	51	568	587	547	
Other Sciences	117	60	42	58	584	608	562	

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	21	10	52	48	616	625	610	
4 Years	103	51	47	53	576	598	553	
3 Years	69	34	49	51	598	626	566	
2 Years	7	3	14	86	527	586	490	
1 Year	1	0	100	0				
1/2 Year or Less		0						
No Response	18		72	28	587	624	556	
AP/Honors Courses	92	46	39	61	615	632	594	
Course Work or Experience								
U.S. History	189	97	48	52	586	610	562	
World History or Cultures	167	86	46	54	590	611	565	
U.S. Government or Civics	164	85	48	52	590	611	565	
Economics	138	71	47	53	595	610	569	
Geography	51	26	53	47	549	575	535	
Psychology	71	37	44	56	611	619	583	
European History	60	31	37	63	600	605	580	
Sociology	34	18	41	59	619	618	584	
Ancient History	17	9	65	35	562	586	520	
Other Courses	39	20	51	49	561	595	543	

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

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	16	8	38	63	596	619	584
4 Years	60	30	48	52	629	656	599
3 Years	51	25	51	49	588	615	556
2 Years	57	28	39	61	564	571	540
1 Year	7	3	43	57	449	526	463
1/2 Year or Less	10	5	90	10	519	586	508
No Response	18		72	28	587	624	556
AP/Honors Courses	6	3	33	67	557	583	568
Course Work or Experience							
Chinese	5	3	60	40	626	646	592
French	32	16	38	63	573	597	551
German	21	11	62	38	579	623	543
Greek		0					
Hebrew		0					
Italian		0					
Japanese	2	1	0	100			
Korean		0					
Latin	33	17	52	48	612	648	603
Russian	1	1	0	100			
Spanish	109	56	46	54	596	603	566
Other Languages	2	1	100	0			

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	39	20	36	64	611	627	602
4 Years	56	28	38	63	583	606	559
3 Years	27	14	56	44	591	610	561
2 Years	34	17	47	53	581	626	551
1 Year	25	13	60	40	564	601	534
1/2 Year or Less	18	9	61	39	561	574	527
No Response	20		80	20	595	622	564
AP/Honors Courses	5	3	40	60	554	646	594
Course Work or Experience							
Acting or Play Production	54	28	33	67	613	608	577
Art History or Appreciation	16	8	25	75	545	539	516
Dance	18	9	6	94	573	580	566
Drama: Study or Appreciation	35	18	29	71	586	599	560
Music: Study or Appreciation	28	15	54	46	592	619	571
Music Performance	128	67	45	55	606	625	585
Photography or Film	23	12	26	74	593	579	563
Studio Art and Design	49	26	24	76	591	607	570
None	26	14	65	35	533	587	505

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	94	49	47	53	595	606	566
Computer Programming	26	14	69	31	554	594	510
Word Processing	119	63	49	51	587	610	561
Internet Activity	67	35	51	49	591	613	566
Using Computer Graphics	46	24	54	46	578	600	540
Creating Spreadsheets/Databases	51	27	47	53	590	614	563
None	37	19	38	62	589	613	564

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
67	178	43	630	667	612

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	1	1
2	29	43
3	31	46
4 or More	6	9

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	27	656	98	18	665		640		642	
History and Social Studies										
U.S. History	29	643	80	16	615		634		610	
World History	2			1						
Mathematics										
Mathematics Level 1	22	661		16	600		649		584	
Mathematics Level 2	42	682	86	31	636	98	678	59	617	96
Science										
Biology-E	10	644		6	613		673		572	
Biology-M	15	667		10	654		691		661	
Chemistry	14	635		9	653		712		656	
Physics	10	653		9	634		692		604	
Foreign and Classical Languages										
Chinese/Listening	1			1						
French	1			1						
French/Listening										
German										
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening										
Korean/Listening										
Latin	2			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	15	2	7		
700-740	9	33	4	14	1	50
650-690	4	15	11	38		
600-640	3	11	4	14		
550-590	2	7	3	10		
500-540	2	7	5	17	1	50
450-490	3	11				
400-440						
350-390						
300-340						
250-290						
200-240						
Total	27		29		2	
Mean	656		643			
SD	98		80			
75th percentile	720		690			
50th percentile	660		660			
25th percentile	550		560			

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	3	14	11	26			4	27	2	14	1	10
700-740	3	14	11	26	4	40	3	20	1	7	3	30
650-690	8	36	5	12	1	10			3	21	4	40
600-640	5	23	7	17	3	30	6	40	4	29		
550-590	1	5	5	12	1	10	1	7				
500-540	2	9	2	5	1	10			3	21	1	10
450-490			1	2			1	7	1	7	1	10
400-440												
350-390												
300-340												
250-290												
200-240												
Total	22		42		10		15		14		10	
Mean	661		682		644		667		635		653	
SD			86									
75th percentile	690		740									
50th percentile	670		710									
25th percentile	610		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	1	100										
700-740												
650-690												
600-640												
550-590			1	100								
500-540												
450-490												
400-440												
350-390												
300-340												
250-290												
200-240												
Total	1		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	50				
550-590									1	33		
500-540							1	50	1	33		
450-490									1	33		
400-440												
350-390												
300-340												
250-290												
200-240												
Total							2		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	2	1			
Architecture and Related Services	5	3	522	618	550
Area, Ethnic, Cultural and Gender Studies	2	1			
Biological and Biomedical Sciences	18	9	577	599	541
Business Management, Marketing, and Related Support Services	10	5	551	611	556
Communication, Journalism and Related Programs	3	2			
Computer and Information Sciences and Support Services	8	4	609	648	566
Construction Trades					
Education	4	2			
Engineering	28	14	629	687	575
Engineering Technologies/Technicians					
English Language and Literature/Letters	4	2			
Family and Consumer Sciences/Human Sciences					
Foreign Languages, Literatures, and Linguistics	6	3	623	615	588
Health Professions and Related Clinical Services	29	15	577	612	573
History	3	2			
Legal Professions and Studies	6	3	613	625	583
Liberal Arts and Sciences, General Studies, and Humanities	3	2			
Library Science And Administration					
Mathematics and Statistics	5	3	658	708	604
Mechanic and Repair Technologies/Technician	2	1			
Military Technologies And Applied Sciences					
Multi/Interdisciplinary Studies	1	1			
Natural Resources and Conservation					
Parks, Recreation, Leisure and Fitness Studies					
Personal and Culinary Services					
Philosophy and Religious Studies	1	1			
Physical Sciences	2	1			
Precision Production					
Psychology	8	4	545	583	544
Public Administration and Social Services Professions					
Security and Protective Services	3	2			
Social Sciences	7	4	649	627	640
Theology and Religious Vocations	1	1			
Transportation and Materials Moving					
Visual and Performing Arts	15	8	573	599	572
Other					
Undecided	18	9	588	603	547
Degree-Level Goal					
Certificate Program					
Associate Degree	2	1			
Bachelor's Degree	48	23	567	564	526
Master's Degree	49	24	577	616	564
Doctoral or Related Degree	78	38	606	631	587
Other	1	0			
Undecided	28	14	590	622	554

College Plans

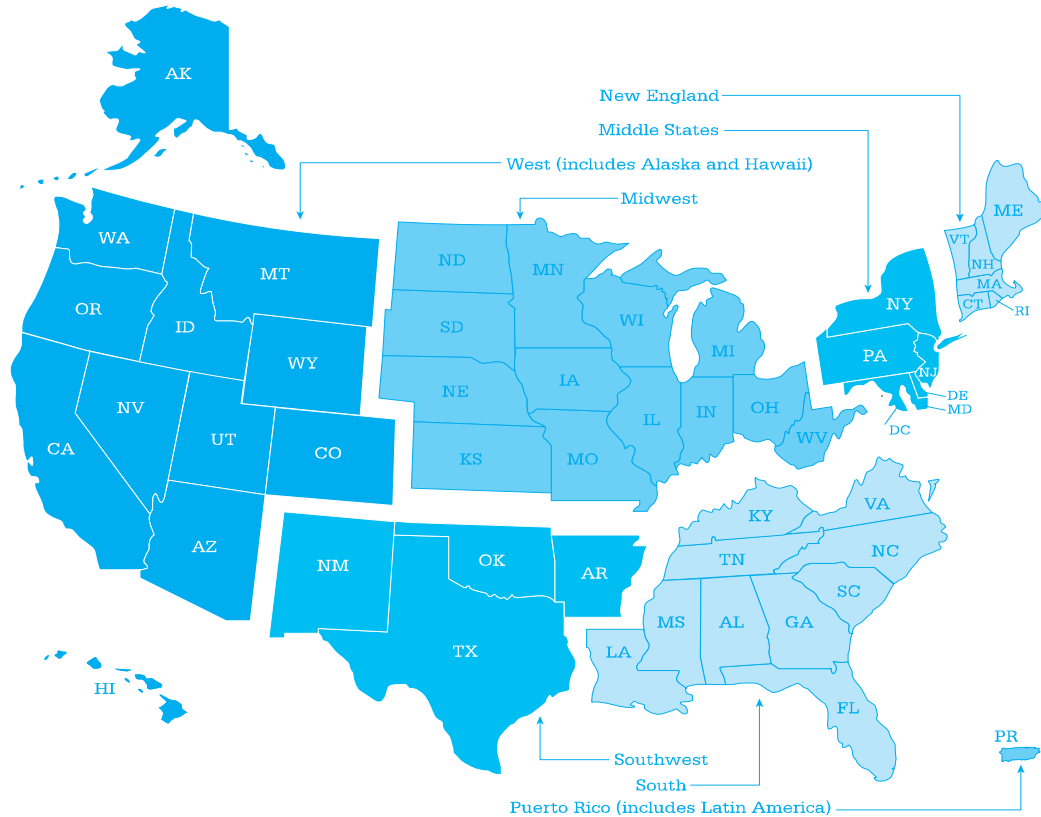
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 243 students from your state who took the SAT and/or an SAT Subject Test, 169 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 205 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MINNESOTA TWIN CITIES	MN	Public	52	30.8
NORTH DAKOTA STATE UNIVERSITY FARGO	ND	Public	34	20.1
UNIVERSITY OF NORTH DAKOTA GRAND FORKS	ND	Public	33	19.5
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	33	19.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	24	14.2
STANFORD UNIVERSITY	CA	Private	20	11.8
YALE UNIVERSITY	CT	Private	15	8.9
PRINCETON UNIVERSITY	NJ	Private	14	8.3
BROWN UNIVERSITY	RI	Private	14	8.3
CORNELL UNIVERSITY	NY	Private	12	7.1
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	12	7.1
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE ADMISSIONS	PA	Private	12	7.1
CONCORDIA COLLEGE MOORHEAD MN	MN	Private	12	7.1
DARTMOUTH COLLEGE	NH	Private	11	6.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	11	6.5
NCAA ELIGIBILITY CENTER	IN	Public	10	5.9
WASHINGTON UNIVERSITY	MO	Private	10	5.9
UNIVERSITY OF CHICAGO	IL	Private	9	5.3
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	8	4.7
NORTHWESTERN UNIVERSITY	IL	Private	8	4.7
BOSTON UNIVERSITY	MA	Private	8	4.7
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	7	4.1
GEORGETOWN UNIVERSITY	DC	Private	7	4.1
BOSTON COLLEGE	MA	Private	6	3.6
UNITED STATES AIR FORCE ACADEMY	CO	Public	6	3.6
NEW YORK UNIVERSITY	NY	Private	6	3.6
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE ADMISSIONS	MD	Private	6	3.6
UNIVERSITY OF WISCONSIN MADISON	WI	Public	6	3.6
DUKE UNIVERSITY	NC	Private	5	3.0
MINOT STATE UNIVERSITY	ND	Public	5	3.0
CARLETON COLLEGE	MN	Private	5	3.0
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	5	3.0
SAINT OLAF COLLEGE	MN	Private	5	3.0
UNIVERSITY OF NOTRE DAME	IN	Private	4	2.4
AMHERST COLLEGE	MA	Private	4	2.4
UNITED STATES MILITARY ACADEMY	NY	Public	4	2.4
MINNESOTA STATE UNIVERSITY MOORHEAD	MN	Public	4	2.4
UNIVERSITY OF WASHINGTON	WA	Public	4	2.4
WASHINGTON AND LEE UNIVERSITY	VA	Private	4	2.4
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	4	2.4
TUFTS UNIVERSITY	MA	Private	4	2.4
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	4	2.4
UNITED STATES NAVAL ACADEMY	MD	Public	4	2.4
GEORGE WASHINGTON UNIVERSITY	DC	Private	4	2.4
UNIVERSITY OF SAINT THOMAS MN	MN	Private	4	2.4

*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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