



2008 College-Bound Seniors

State Profile Report

NORTH DAKOTA

Included in this Report

SAT Reasoning Test™ Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT Reasoning Test™ (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 2008* includes students who tested through March 2008.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2008 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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.com.

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 200–800 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: Connecting Students to College Success

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 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 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.

A note about changes to the SAT Questionnaire:

In the 2006-2007 academic year, changes to the SAT Questionnaire were made. Sections of this report most notably affected by this change are Course-Taking Patterns and Intended College Major. In this year's report, the questionnaire responses of some students were not reported as their responses did not map to the current reporting tables. For complete details on the changes please visit www.collegeboard.com/cbs.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494

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 2000–2008, all scores are reported on the recentered scale.

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SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2008. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2008. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	256	594	110	604	101	568	105	57.9	10.5	7.3	1.7

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	134	603	112	625	92	564	103	57.8	10.4	7.1	1.6
Female	122	584	108	582	106	572	107	58.0	10.7	7.4	1.7
No Response**											

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

Scores are from the last administration in which seniors took the SAT Reasoning Test.

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2007-2008)	141	588	119	597	111	565	112	57.4	11.4	7.3	1.6
Junior (2006-2007)	114	603	97	615	86	572	95	58.5	9.4	7.2	1.7
Sophomore (2005-2006)											
Freshman (2004-2005)	1										
Total	256	594	110	604	101	568	105	57.9	10.5	7.3	1.7

Table 4: Mean Scores for Total Group

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

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 256 students in this report, 255 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

**'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT Reasoning Test 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 Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	680	680	650	580	590	570
50th	600	610	570	500	510	490
25th	520	540	490	420	430	420

Table 6: Score Distributions

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	13	5	18	14	8	22	5	3	8
700-740	19	13	32	18	13	31	8	13	21
650-690	24	22	46	30	13	43	21	17	38
600-640	12	21	33	24	22	46	19	22	41
550-590	23	19	42	26	22	48	25	18	43
500-540	21	13	34	10	20	30	23	18	41
450-490	12	15	27	6	10	16	16	16	32
400-440	6	9	15	5	10	15	9	8	17
350-390	2	3	5	1	2	3	6	4	10
300-340	1	1	2				2		2
250-290	1	1	2		2	2		1	1
200-240								1	1

Table 7: Type of High School

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	203	90	51	49	592	607	566
Religiously Affiliated	23	10	70	30	601	613	572
Independent							
Other or Unknown	30						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	256	100	594	110	604	101	568	105
Nonstandard Conditions								

NOTE: Percentiles are reported when there are 20 or more test-takers.

Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Reasoning Test 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	25	10	534	118	638	102	544	107
Black or African American	5	2	500		402		456	
Mexican or Mexican American								
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	2	1						
White	205	80	607	101	610	90	577	98
Other	5	2	528		524		512	
No Response	10	4	656		649		632	
Total	256	100	594	110	604	101	568	105

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test 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	16	6	538		674		556	
Black or African American	1	0						
Mexican or Mexican American								
Puerto Rican								
Other Hispanic, Latino, or Latin American	2	1						
White	104	41	614	103	625	82	568	99
Other	4	2						
No Response	6	2	710		700		677	
Total	134	52	603	112	625	92	564	103

Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test 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	9	4	527		576		520	
Black or African American	4	2						
Mexican or Mexican American								
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American								
White	101	39	600	99	594	95	586	95
Other	1	0						
No Response	4	2						
Total	122	48	584	108	582	106	572	107

Demographic Information

SAT Reasoning Test: 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 Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	256	100	594	110	604	101	568	105
First Language Learned								
English	215	87	602	104	606	96	574	100
English and Another	17	7	552		544		515	
Another Language	14	6	490		621		494	
No Response	10							
Citizenship								
U.S. Citizen / U.S. National	232	94	598	105	602	98	570	102
U.S. Permanent Resident or Refugee	4	2						
Citizen of Another Country	10	4	489		618		487	
Other, Unknown, or No Response	10							
Disabling Condition								
Yes	9	4	591		594		560	
Unknown or No Response	247							
Plans to Apply for Financial Aid								
Yes	168	70	595	115	601	103	571	111
No	25	10	570	100	596	88	542	100
Don't Know	46	19	598	100	615	104	557	85
Family Income								
\$0 - \$20,000	3	1						
\$20,000–\$40,000	20	10	582		564		550	
\$40,000–\$60,000	34	17	588	121	582	101	554	105
\$60,000–\$80,000	40	20	601	120	599	100	577	111
\$80,000–\$100,000	31	15	644	103	643	85	613	95
\$100,000–\$120,000	18	9	592		608		564	
\$120,000–\$140,000	9	4	583		628		578	
\$140,000–\$160,000	12	6	557		571		525	
\$160,000–\$200,000	14	7	596		621		570	
More than \$200,000	22	11	594		629		574	
No Response	53							
Highest Level of Parental Education								
No High School Diploma	1	0						
High School Diploma	36	15	550	116	542	110	512	109
Associate Degree	25	10	592	100	609	112	573	110
Bachelor's Degree	77	32	592	114	601	93	555	106
Graduate Degree	100	42	614	100	626	94	592	89
Took the PSAT/NMSQT®								
Yes, As a Junior	114	50	617	98	625	81	587	89
Yes, As a Sophomore or Younger	27	12	575	106	590	96	533	90
Yes, As a Junior and As a Sophomore or Younger	43	19	638	88	650	84	624	91
No	43	19	521	118	529	116	491	108

Academic Information

Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	114	62	50	50	637	651	614
Second Tenth	40	22	43	58	577	598	552
Second Fifth	14	8	50	50	576	556	515
Final Three Fifths	17	9	59	41	514	534	477
No Response	71						

Table 14: High School Grade Point Average

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	54	23	48	52	651	659	632
A (93–96)	109	45	49	51	600	618	573
A- (90–92)	33	14	73	27	589	602	558
B (80–89)	41	17	54	46	517	506	487
C (70–79)	3	1	33	67			
D, E, or F (below 70)							
No Response	16						
Mean Grade Point Average	All Students: 3.86		Male: 3.83		Female: 3.88		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.3	3.1	2.7	3.87	3.97	3.92
English and Language Arts	4.0	4.1	4.1	3.73	3.90	3.81
Foreign and Classical Languages	2.8	3.2	3.0	3.65	3.84	3.74
Mathematics	4.1	4.0	4.0	3.69	3.62	3.65
Natural Sciences	3.9	3.8	3.9	3.81	3.69	3.75
Social Sciences and History	3.6	3.5	3.5	3.78	3.79	3.78
Total for All Subjects	20.7	21.7	21.2			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	26	12	35	65	635	631	610
4 Years	186	83	54	46	595	606	568
3 Years	13	6	62	38	605	606	544
2 Years							
1 Year							
1/2 Year or Less							
No Response	31						
Course Work or Experience							
English/Language Arts	215	96	51	49	604	609	574
Journalism	24	11	38	63	594	584	565
Creative Writing	36	16	42	58	620	588	595
American Literature	139	62	50	50	595	608	573
Composition/Writing	84	38	51	49	571	579	549
British Literature	49	22	47	53	593	609	576
World Literature	49	22	57	43	613	617	587
Communications	25	11	64	36	585	587	567
Public Speaking	77	34	52	48	578	587	559
English As Second Language	7	3	57	43	421	523	429
AP®/Honors Courses	97	43	47	53	643	653	616

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	49	22	57	43	647	675	623
4 Years	138	61	52	48	586	602	562
3 Years	38	17	45	55	584	542	529
2 Years							
1 Year							
1/2 Year or Less							
No Response	31						
Highest Level of Mathematics Achieved*							
Calculus	107	47	54	46	626	661	606
Pre-calculus	55	24	58	42	615	606	587
Trigonometry	14	6	43	57	532	549	511
Algebra II	49	22	43	57	548	517	502
Algebra I	1	0	0	100			
AP/Honors Courses	94	42	57	43	629	665	605

*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.

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	42	19	57	43	640	664	615
4 Years	116	51	56	44	600	612	570
3 Years	63	28	44	56	581	575	549
2 Years	4	2	50	50			
1 Year							
1/2 Year or Less	1	0	0	100			
No Response	30						
Course Work or Experience							
Biology	224	99	52	48	597	607	570
Chemistry	213	94	52	48	602	611	574
Physics	142	63	55	45	619	636	594
Geology, Earth, or Space Science	123	54	51	49	592	604	566
Other Sciences	116	51	50	50	616	616	582
AP/Honors Courses	86	38	50	50	624	645	590

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	14	6	57	43	636	606	591
4 Years	110	49	55	45	609	612	576
3 Years	85	38	51	49	591	615	570
2 Years	12	5	42	58	542	551	506
1 Year	1	0	100	0			
1/2 Year or Less	1	0	0	100			
No Response	33						
Course Work or Experience							
U.S. History	214	95	51	49	600	611	574
World History or Cultures	158	70	54	46	591	604	565
U.S. Government or Civics	211	94	51	49	599	609	574
Economics	138	61	51	49	608	618	583
Geography	60	27	58	42	610	595	573
Psychology	100	44	46	54	615	612	586
European History	45	20	51	49	611	612	577
Sociology	46	20	54	46	599	593	569
Ancient History	17	8	65	35	586	585	546
Other Courses	44	20	48	52	578	597	552
AP/Honors Courses	73	33	51	49	642	641	609

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	14	6	29	71	643	667	639
4 Years	89	39	47	53	604	620	579
3 Years	46	20	46	54	607	620	580
2 Years	53	23	66	34	586	578	556
1 Year	11	5	64	36	549	596	519
1/2 Year or Less	15	7	67	33	571	549	505
No Response	28						
Course Work or Experience							
Chinese	4	2	100	0			
French	42	19	43	57	610	607	582
German	26	12	69	31	637	664	607
Greek	3	1	67	33			
Hebrew							
Italian							
Japanese	3	1	67	33			
Korean	1	0	100	0			
Latin	32	14	56	44	639	658	605
Russian							
Spanish	130	58	45	55	587	595	563
Other Languages	2	1	50	50			
AP/Honors Courses	7	3	43	57	627	633	597

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	32	14	41	59	618	621	591
4 Years	69	30	42	58	612	615	589
3 Years	30	13	43	57	594	598	567
2 Years	30	13	60	40	573	604	555
1 Year	26	11	62	38	603	614	563
1/2 Year or Less	40	18	70	30	575	591	539
No Response	29						
Course Work or Experience							
Acting or Play Production	64	29	36	64	625	624	607
Art History or Appreciation	25	11	80	20	608	600	556
Dance	21	10	10	90	575	592	554
Drama: Study or Appreciation	39	18	33	67	585	604	563
Music: Study or Appreciation	32	15	47	53	589	624	566
Music Performance	153	70	42	58	607	618	585
Photography or Film	24	11	38	63	563	592	552
Studio Art and Design	37	17	49	51	605	613	574
None	30	14	67	33	573	591	534
AP/Honors Courses	6	3	33	67	637	615	598

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	134	64	54	46	601	607	573
Computer Programming	31	15	81	19	598	613	561
Word Processing	151	73	54	46	597	606	571
Internet Activity	111	53	54	46	595	602	568
Using Computer Graphics	65	31	62	38	582	608	561
Creating Spreadsheets/Databases	76	37	59	41	603	604	570
None	28	13	36	64	636	637	618

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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
59	158	39	632	674	628

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	2	3
2	19	32
3	35	59
4 or More	3	5

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

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	21	632		12	658		656		673	
History and Social Studies										
U.S. History	15	571		7	644		646		610	
World History	3			1						
Mathematics										
Mathematics Level 1	16	620		6	662		638		617	
Mathematics Level 2	38	681	83	29	628	105	694	68	630	103
Science										
Biology-E	11	644		10	626		691		624	
Biology-M	8	724		7	704		703		693	
Chemistry	27	650	109	18	664		678		651	
Physics	5	562		4						
Foreign and Classical Languages										
Chinese/Listening	1			1						
French	5	526		5	582		614		602	
French/Listening	2			2						
German										
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening	1			1						
Korean/Listening										
Latin	2			2						
Spanish	1									
Spanish/Listening	2			2						

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	10			1	33
700-740	1	5	3	20		
650-690	8	38	1	7		
600-640	4	19	2	13		
550-590	2	10	1	7		
500-540	2	10	4	27		
450-490	1	5	3	20	2	67
400-440	1	5	1	7		
350-390						
300-340						
250-290						
200-240						
Total	21		15		3	
Mean	632		571			
SD						
75th percentile	680					
50th percentile	640					
25th percentile	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	1	6	12	32	1	9	3	38	4	15		
700-740	2	13	6	16	4	36	3	38	9	33	1	20
650-690	2	13	5	13			1	13	2	7		
600-640	6	38	8	21	1	9	1	13	6	22	1	20
550-590	3	19	4	11	4	36			1	4		
500-540	1	6	3	8	1	9			1	4	2	40
450-490	1	6							2	7	1	20
400-440									2	7		
350-390												
300-340												
250-290												
200-240												
Total	16		38		11		8		27		5	
Mean	620		681		644		724		650		562	
SD					83		109					
75th percentile					750		730					
50th percentile					690		690					
25th percentile					600		560					

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			1	20								
600-640												
550-590			1	20								
500-540			1	20	1	50						
450-490			1	20								
400-440												
350-390			1	20	1	50						
300-340												
250-290												
200-240												
Total	1		5		2							
Mean			526									
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			1	100								
700-740							1	50				
650-690											2	100
600-640												
550-590												
500-540							1	50	1	100		
450-490												
400-440												
350-390												
300-340												
250-290												
200-240												
Total			1				2		1		2	
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	1	0			
Architecture and Related Services	4	2			
Area, Ethnic, Cultural and Gender Studies					
Biological and Biomedical Sciences	22	10	630	633	601
Business Management, Marketing, and Related Support Services	18	9	547	610	526
Communication, Journalism and Related Programs	8	4	599	594	571
Computer and Information Sciences and Support Services	5	2	646	636	632
Construction Trades					
Education	9	4	537	569	534
Engineering	24	11	602	629	555
Engineering Technologies/Technicians	2	1			
English Language and Literature/Letters	6	3	670	618	618
Family and Consumer Sciences/Human Sciences					
Foreign Languages, Literatures, and Linguistics	2	1			
Health Professions and Related Clinical Services	40	19	581	594	557
History	4	2			
Legal Professions and Studies	7	3	599	594	550
Liberal Arts and Sciences, General Studies, and Humanities	1	0			
Library Science/Librarianship					
Mathematics and Statistics	1	0			
Mechanic and Repair Technologies/Technician					
Military Sciences	2	1			
Multi/Interdisciplinary Studies	2	1			
Natural Resources and Conservation	1	0			
Parks, Recreation, Leisure and Fitness Studies					
Personal and Culinary Services	2	1			
Philosophy and Religious Studies	2	1			
Physical Sciences	7	3	621	677	609
Precision Production					
Psychology	11	5	595	559	575
Public Administration and Social Services Professions					
Security and Protective Services	1	0			
Social Sciences	11	5	615	601	571
Theology and Religious Vocations	2	1			
Transportation and Materials Moving					
Visual and Performing Arts	9	4	600	602	611
Other	1	0			
Undecided	6	3	582	588	553
Degree-Level Goal					
Certificate Program	1	0			
Associate Degree	1	0			
Bachelor's Degree	36	15	527	551	499
Master's Degree	62	26	588	605	565
Doctoral or Related Degree	100	42	621	627	593
Other	3	1			
Undecided	33	14	596	596	569

College Plans

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

Of the 276 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 233 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 304 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF NORTH DAKOTA GRAND FORKS	ND	Public	74	31.8
NORTH DAKOTA STATE UNIVERSITY FARGO	ND	Public	73	31.3
UNIVERSITY OF MINNESOTA MINNEAPOLIS	MN	Public	55	23.6
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	48	20.6
CONCORDIA COLLEGE MOORHEAD MN	MN	Private	27	11.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	23	9.9
MINOT STATE UNIVERSITY	ND	Public	22	9.4
STANFORD UNIVERSITY	CA	Private	19	8.2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	17	7.3
NORTHWESTERN UNIVERSITY	IL	Private	16	6.9
CARLETON COLLEGE	MN	Private	15	6.4
YALE UNIVERSITY	CT	Private	15	6.4
CORNELL UNIVERSITY	NY	Private	14	6.0
BOSTON COLLEGE	MA	Private	13	5.6
PRINCETON UNIVERSITY	NJ	Private	13	5.6
DUKE UNIVERSITY	NC	Private	13	5.6
MINNESOTA STATE UNIVERSITY MOORHEAD	MN	Public	12	5.2
UNIVERSITY OF CHICAGO	IL	Private	11	4.7
UNIVERSITY OF MINNESOTA DULUTH	MN	Public	11	4.7
GEORGETOWN UNIVERSITY	DC	Private	10	4.3
DARTMOUTH COLLEGE	NH	Private	10	4.3
NEW YORK UNIVERSITY	NY	Private	10	4.3
MACALESTER COLLEGE	MN	Private	10	4.3
RICE UNIVERSITY	TX	Private	9	3.9
UNIVERSITY OF NOTRE DAME	IN	Private	9	3.9
CREIGHTON UNIVERSITY	NE	Private	9	3.9
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	9	3.9
WASHINGTON UNIVERSITY	MO	Private	9	3.9
UNIVERSITY OF WISCONSIN MADISON	WI	Public	9	3.9
JOHNS HOPKINS UNIVERSITY	MD	Private	8	3.4
AMHERST COLLEGE	MA	Private	8	3.4
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	8	3.4
BROWN UNIVERSITY	RI	Private	8	3.4
UNIV MARY	ND	Private	8	3.4
GUSTAVUS ADOLPHUS COLLEGE	MN	Private	8	3.4
CARNEGIE MELLON UNIVERSITY	PA	Private	7	3.0
NCAA ELIGIBILITY CENTER	IA	Public	7	3.0
MONTANA STATE UNIVERSITY	MT	Public	6	2.6
BOSTON UNIVERSITY	MA	Private	6	2.6
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	6	2.6
SAINT OLAF COLLEGE	MN	Private	5	2.1
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	5	2.1
IOWA STATE UNIVERSITY	IA	Public	5	2.1
POMONA COLLEGE	CA	Private	5	2.1
UNITED STATES AIR FORCE ACADEMY	CO	Public	5	2.1

*Of your students who designated that their SAT Reasoning Test 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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