



2008 College-Bound Seniors

State Profile Report

WYOMING

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	311	562	109	574	101	541	97	54.8	10.0	7.3	1.5

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	153	564	105	603	94	534	91	54.2	9.4	7.2	1.5
Female	156	560	112	544	99	548	103	55.3	10.7	7.5	1.4
No Response**	2										

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)	189	554	112	566	101	535	97	54.2	9.9	7.2	1.5
Junior (2006-2007)	119	577	104	584	100	551	99	55.8	10.3	7.5	1.3
Sophomore (2005-2006)	3										
Freshman (2004-2005)											
Total	311	562	109	574	101	541	97	54.8	10.0	7.3	1.5

Table 4: Mean Scores for Total Group

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

SAT 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 311 students in this report, 311 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	630	650	610	580	590	570
50th	570	580	530	500	510	490
25th	490	490	480	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	8	7	15	13	1	14	2	4	6
700–740	8	14	22	12	4	16	5	11	16
650–690	12	15	27	33	24	58	10	14	24
600–640	34	20	55	25	23	49	25	20	45
550–590	26	27	54	29	30	59	24	25	51
500–540	30	28	58	16	21	37	33	36	69
450–490	15	23	38	17	27	44	27	23	50
400–440	12	15	27	8	15	23	19	11	30
350–390	2	4	6		7	7	7	8	15
300–340	5		5		1	1	1	2	3
250–290	1	2	3		3	3		2	2
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	273	95	50	49	563	579	543
Religiously Affiliated							
Independent	15	5	40	60	583	531	567
Other or Unknown	23						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	310	100	563	109	574	101	542	97
Nonstandard Conditions	1	0						

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	4	1						
Asian, Asian American, or Pacific Islander	14	5	469		547		485	
Black or African American	1	0						
Mexican or Mexican American	5	2	518		486		502	
Puerto Rican								
Other Hispanic, Latino, or Latin American	2	1						
White	268	86	569	103	580	99	546	94
Other	3	1						
No Response	14	5	541		553		526	
Total	311	100	562	109	574	101	541	97

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	2	1						
Asian, Asian American, or Pacific Islander	9	3	480		577		511	
Black or African American								
Mexican or Mexican American	3	1						
Puerto Rican								
Other Hispanic, Latino, or Latin American								
White	132	42	571	102	608	95	536	90
Other	1	0						
No Response	6	2	553		608		547	
Total	153	49	564	105	603	94	534	91

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	5	2	448		494		438	
Black or African American	1	0						
Mexican or Mexican American	2	1						
Puerto Rican								
Other Hispanic, Latino, or Latin American	2	1						
White	134	43	566	104	551	95	556	98
Other	2	1						
No Response	8	3	533		511		510	
Total	156	50	560	112	544	99	548	103

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	311	100	562	109	574	101	541	97
First Language Learned								
English	267	91	568	100	577	99	545	94
English and Another	18	6	513		518		482	
Another Language	9	3	426		580		486	
No Response	17							
Citizenship								
U.S. Citizen / U.S. National	278	98	567	101	577	99	544	93
U.S. Permanent Resident or Refugee	2	1						
Citizen of Another Country	5	2	330		512		382	
Other, Unknown, or No Response	26							
Disabling Condition								
Yes	11	4	553		560		507	
Unknown or No Response	300							
Plans to Apply for Financial Aid								
Yes	208	73	572	105	576	104	547	93
No	24	8	554		589		529	
Don't Know	51	18	523	113	567	86	520	97
Family Income								
\$0 - \$20,000	10	4	494		499		494	
\$20,000–\$40,000	31	14	544	108	548	103	516	87
\$40,000–\$60,000	43	19	546	109	559	95	533	93
\$60,000–\$80,000	45	20	555	100	578	90	531	87
\$80,000–\$100,000	38	17	608	94	610	91	575	90
\$100,000–\$120,000	24	10	600		608		580	
\$120,000–\$140,000	8	3	599		600		596	
\$140,000–\$160,000	7	3	560		527		510	
\$160,000–\$200,000	5	2	514		532		548	
More than \$200,000	18	8	581		586		568	
No Response	82							
Highest Level of Parental Education								
No High School Diploma								
High School Diploma	58	20	529	90	542	92	509	86
Associate Degree	22	8	535		565		522	
Bachelor's Degree	111	39	553	100	575	102	536	88
Graduate Degree	97	34	596	111	595	91	567	101
Took the PSAT/NMSQT®								
Yes, As a Junior	111	41	568	115	578	89	542	98
Yes, As a Sophomore or Younger	50	18	555	79	549	102	526	77
Yes, As a Junior and As a Sophomore or Younger	77	28	586	102	608	97	572	101
No	35	13	499	111	531	109	483	71

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	113	55	51	48	609	627	593
Second Tenth	51	25	39	61	537	554	521
Second Fifth	25	12	48	48	509	526	496
Final Three Fifths	15	7	73	27	533	531	471
No Response	107						

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)	38	13	47	53	618	642	607
A (93–96)	109	37	44	55	587	600	566
A- (90–92)	61	21	49	51	561	574	533
B (80–89)	73	25	52	47	503	507	485
C (70–79)	11	4	82	18	504	553	468
D, E, or F (below 70)							
No Response	19						
Mean Grade Point Average	All Students: 3.68		Male: 3.61		Female: 3.74		

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	2.5	3.0	2.8	3.81	3.91	3.86
English and Language Arts	3.9	4.0	3.9	3.59	3.83	3.72
Foreign and Classical Languages	2.6	3.0	2.8	3.49	3.73	3.61
Mathematics	3.9	3.8	3.9	3.39	3.57	3.49
Natural Sciences	3.8	3.7	3.7	3.50	3.59	3.55
Social Sciences and History	3.5	3.6	3.5	3.57	3.74	3.65
Total for All Subjects	20.2	21.1	20.6			

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	10	54	46	594	595	570
4 Years	204	78	48	52	559	571	533
3 Years	22	8	50	45	549	574	556
2 Years	8	3	50	50	501	564	491
1 Year	1	0	100	0			
1/2 Year or Less							
No Response	50						
Course Work or Experience							
English/Language Arts	245	92	50	50	564	577	541
Journalism	39	15	38	62	565	565	545
Creative Writing	72	27	40	60	585	573	554
American Literature	178	67	49	49	564	580	544
Composition/Writing	115	43	44	56	569	580	547
British Literature	106	40	51	47	567	584	542
World Literature	88	33	50	50	570	574	552
Communications	34	13	32	68	544	554	538
Public Speaking	109	41	43	56	563	575	536
English As Second Language	7	3	71	29	350	516	399
AP®/Honors Courses	146	56	40	60	596	601	575

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	34	13	53	47	589	633	565
4 Years	168	64	51	49	561	569	533
3 Years	56	21	38	61	544	549	539
2 Years	5	2	40	60	500	550	494
1 Year							
1/2 Year or Less							
No Response	48						
Highest Level of Mathematics Achieved*							
Calculus	124	45	52	48	610	638	589
Pre-calculus	79	29	49	49	531	544	513
Trigonometry	19	7	68	32	516	518	477
Algebra II	44	16	32	66	504	499	485
Algebra I	6	2	33	67	485	417	460
AP/Honors Courses	113	43	50	50	600	622	576

*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	37	14	59	41	602	638	573
4 Years	138	52	49	51	566	576	541
3 Years	75	29	43	56	543	546	527
2 Years	7	3	57	43	477	513	479
1 Year	4	2	50	50			
1/2 Year or Less	2	1	50	50			
No Response	48						
Course Work or Experience							
Biology	261	97	49	50	563	577	541
Chemistry	232	86	49	51	568	582	547
Physics	171	63	54	44	585	609	559
Geology, Earth, or Space Science	176	65	50	49	556	566	532
Other Sciences	111	41	45	55	551	569	544
AP/Honors Courses	102	39	46	54	605	625	578

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	13	5	38	62	563	568	535
4 Years	133	51	49	51	564	563	542
3 Years	98	37	47	53	565	590	538
2 Years	12	5	58	33	522	555	522
1 Year	5	2	80	20	476	588	484
1/2 Year or Less	1	0	0	100			
No Response	49						
Course Work or Experience							
U.S. History	251	93	49	51	567	579	543
World History or Cultures	225	83	48	51	566	579	543
U.S. Government or Civics	219	81	47	53	565	578	541
Economics	95	35	44	56	561	569	532
Geography	68	25	46	54	556	562	547
Psychology	100	37	37	62	573	579	549
European History	55	20	38	62	590	583	566
Sociology	42	16	40	60	557	565	538
Ancient History	35	13	46	54	562	579	543
Other Courses	45	17	56	44	559	574	546
AP/Honors Courses	111	42	44	55	600	606	578

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			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	12	5	58	42	632	645	592	
4 Years	69	26	28	72	587	584	577	
3 Years	68	26	51	49	563	581	544	
2 Years	88	33	59	41	547	564	518	
1 Year	23	9	52	43	504	542	478	
1/2 Year or Less	6	2	67	33	487	512	467	
No Response	45							
Course Work or Experience								
Chinese	2	1	50	50				
French	55	20	33	65	593	581	552	
German	23	9	57	43	597	595	561	
Greek	1	0	0	100				
Hebrew	2	1	0	100				
Italian	1	0	0	100				
Japanese	3	1	33	67				
Korean								
Latin	9	3	56	44	592	594	561	
Russian	6	2	67	33	567	612	558	
Spanish	193	72	50	50	557	576	540	
Other Languages	2	1	0	100				
AP/Honors Courses	63	24	46	54	613	615	590	

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	35	13	40	60	577	578	549
4 Years	82	31	39	61	584	568	562
3 Years	39	15	51	46	545	558	530
2 Years	32	12	47	53	553	566	523
1 Year	50	19	56	42	549	590	530
1/2 Year or Less	29	11	66	34	523	589	516
No Response	44						
Course Work or Experience							
Acting or Play Production	55	21	31	69	604	573	571
Art History or Appreciation	39	15	33	67	551	551	543
Dance	19	7	16	84	517	537	529
Drama: Study or Appreciation	49	19	31	69	598	580	574
Music: Study or Appreciation	49	19	59	41	576	580	539
Music Performance	147	56	45	54	574	580	552
Photography or Film	64	24	52	48	564	565	535
Studio Art and Design	99	38	39	60	574	572	545
None	32	12	66	34	533	586	511
AP/Honors Courses	32	12	50	50	580	568	558

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	167	65	54	46	568	584	550
Computer Programming	50	19	72	28	581	613	561
Word Processing	182	71	47	53	569	583	554
Internet Activity	156	61	54	46	570	583	549
Using Computer Graphics	101	39	52	47	564	582	539
Creating Spreadsheets/Databases	104	40	53	47	574	590	555
None	32	12	31	69	555	567	530

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
58	160	49	654	646	626

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	16	28
3	36	62
4 or More	4	7

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	38	624	104	30	654	85	629	91	623	75
History and Social Studies										
U.S. History	25	572	93	20	653		632		632	
World History	3			3						
Mathematics										
Mathematics Level 1	12	617		10	659		627		629	
Mathematics Level 2	33	653	91	28	669	76	682	70	640	80
Science										
Biology-E	9	592		7	639		606		610	
Biology-M	4			3						
Chemistry	16	616		16	654		658		623	
Physics	6	713		6	643		708		623	
Foreign and Classical Languages										
Chinese/Listening										
French										
French/Listening	1			1						
German	1			1						
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening										
Korean/Listening										
Latin										
Spanish	11	584		10	646		601		635	
Spanish/Listening	1			1						

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	6	16	2	8	1	33
700-740	4	11	1	4		
650-690	7	18	2	8		
600-640	7	18	5	20		
550-590	5	13	4	16	1	33
500-540	4	11	7	28		
450-490	4	11	2	8	1	33
400-440			1	4		
350-390	1	3	1	4		
300-340						
250-290						
200-240						
Total	38		25		3	
Mean	624		572			
SD	104		93			
75th percentile	690		620			
50th percentile	620		550			
25th percentile	530		510			

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			9	27	1	11			1	6	3	50
700-740	2	17			1	11			5	31	1	17
650-690	2	17	3	9	1	11	2	50			1	17
600-640	3	25	15	45	1	11	1	25	4	25		
550-590	4	33	4	12	2	22			1	6	1	17
500-540			1	3	1	11			3	19		
450-490	1	8	1	3	1	11	1	25	1	6		
400-440									1	6		
350-390					1	11						
300-340												
250-290												
200-240												
Total	12		33		9		4		16		6	
Mean	617		653		592				616		713	
SD			91									
75th percentile			680									
50th percentile			610									
25th percentile			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												
700-740												
650-690							1	100				
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									1	9		
700-740												
650-690												
600-640									4	36		
550-590									4	36	1	100
500-540												
450-490									1	9		
400-440									1	9		
350-390												
300-340												
250-290												
200-240												
Total									11		1	
Mean									584			
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					
Architecture and Related Services	6	2	572	603	538
Area, Ethnic, Cultural and Gender Studies					
Biological and Biomedical Sciences	14	6	617	579	580
Business Management, Marketing, and Related Support Services	15	6	513	577	492
Communication, Journalism and Related Programs	13	5	565	523	534
Computer and Information Sciences and Support Services	9	4	538	607	510
Construction Trades					
Education	13	5	537	545	555
Engineering	37	15	599	649	564
Engineering Technologies/Technicians	2	1			
English Language and Literature/Letters	5	2	698	596	614
Family and Consumer Sciences/Human Sciences					
Foreign Languages, Literatures, and Linguistics	2	1			
Health Professions and Related Clinical Services	39	16	511	549	510
History	6	2	550	543	512
Legal Professions and Studies	6	2	532	468	482
Liberal Arts and Sciences, General Studies, and Humanities	6	2	605	630	587
Library Science/Librarianship					
Mathematics and Statistics	2	1			
Mechanic and Repair Technologies/Technician					
Military Sciences	1	0			
Multi/Interdisciplinary Studies	1	0			
Natural Resources and Conservation	3	1			
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services					
Philosophy and Religious Studies	1	0			
Physical Sciences	5	2	538	588	488
Precision Production					
Psychology	9	4	550	580	517
Public Administration and Social Services Professions	1	0			
Security and Protective Services	1	0			
Social Sciences	6	2	680	592	648
Theology and Religious Vocations	2	1			
Transportation and Materials Moving					
Visual and Performing Arts	22	9	580	558	560
Other	4	2			
Undecided	9	4	608	641	600
Degree-Level Goal					
Certificate Program	4	1			
Associate Degree	1	0			
Bachelor's Degree	72	26	524	547	507
Master's Degree	88	31	573	581	555
Doctoral or Related Degree	76	27	580	596	561
Other	2	1			
Undecided	39	14	559	569	529

College Plans

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

Of the 320 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 256 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 321 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY WYOMING	WY	Public	128	50.0
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	39	15.2
MONTANA STATE UNIVERSITY	MT	Public	35	13.7
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	25	9.8
UNIVERSITY OF COLORADO BOULDER	CO	Public	23	9.0
UNIVERSITY OF MONTANA	MT	Public	19	7.4
STANFORD UNIVERSITY	CA	Private	19	7.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	17	6.6
MICHIGAN STATE UNIVERSITY	MI	Public	16	6.3
YALE UNIVERSITY	CT	Private	15	5.9
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	14	5.5
CASPER COLLEGE	WY	Public	14	5.5
CORNELL UNIVERSITY	NY	Private	13	5.1
UNIVERSITY OF UTAH	UT	Public	12	4.7
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	11	4.3
NORTHWEST COLLEGE	WY	Public	11	4.3
DUKE UNIVERSITY	NC	Private	11	4.3
COLORADO COLLEGE	CO	Private	11	4.3
DARTMOUTH COLLEGE	NH	Private	10	3.9
GONZAGA UNIVERSITY	WA	Private	10	3.9
BRIGHAM YOUNG UNIVERSITY UTAH	UT	Private	10	3.9
GEORGETOWN UNIVERSITY	DC	Private	9	3.5
PRINCETON UNIVERSITY	NJ	Private	9	3.5
BOISE STATE UNIVERSITY	ID	Public	9	3.5
NORTHWESTERN UNIVERSITY	IL	Private	8	3.1
UNIVERSITY OF OREGON	OR	Public	7	2.7
UNIVERSITY OF DENVER	CO	Private	7	2.7
UNITED STATES AIR FORCE ACADEMY	CO	Public	7	2.7
NEW YORK UNIVERSITY	NY	Private	7	2.7
UNIVERSITY OF TEXAS AUSTIN	TX	Public	7	2.7
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	7	2.7
LARAMIE COUNTY COMMUNITY COLLEGE	WY	Public	7	2.7
REED COLLEGE	OR	Private	7	2.7
UNIVERSITY OF CHICAGO	IL	Private	7	2.7
FORT LEWIS COLLEGE	CO	Public	7	2.7
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	7	2.7
SHERIDAN COLLEGE	WY	Public	7	2.7
WILLIAMS COLLEGE	MA	Private	6	2.3
JOHN BARRASSO	WY	Scholarship	6	2.3
WHITMAN COLLEGE	WA	Private	6	2.3
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	6	2.3
UTAH STATE UNIVERSITY	UT	Public	6	2.3
ENZI MIKE	WY	Scholarship	6	2.3
NCAA ELIGIBILITY CENTER	IA	Public	6	2.3
WASHINGTON STATE UNIVERSITY	WA	Public	6	2.3

*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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