



2009 College-Bound Seniors

# State Profile Report

WYOMING

## Included in This Report

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**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 2009* includes students who tested through March 2009.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2009 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

# Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at [www.collegeboard.com](http://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 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, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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
2009	503	498	501	534	499	515	486	499	493

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 2000–2009, all scores are reported on the recentered scale.

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## SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. 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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	274	567	109	568	103	550	101	54.9	10.5	7.8	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	111	577	111	606	96	555	103	55.9	10.6	7.5	1.4
Female	163	559	107	542	100	547	100	54.1	10.4	8.0	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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2008-2009)	183	570	107	571	99	553	99	55.1	10.4	7.8	1.4
Junior (2007-2008)	89	557	112	561	108	545	106	54.3	10.8	7.7	1.4
Sophomore (2006-2007)	2										
Freshman (2005-2006)											
Total	274	567	109	568	103	550	101	54.9	10.5	7.8	1.4

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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	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 2009 cohort took 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 0.3%) 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	640	640	620	580	600	570
50th	560	580	550	500	510	490
25th	490	490	470	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.com/sat-skills](http://www.collegeboard.com/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	15	18	33	18	10	28	12	13	25
600–690	34	40	74	46	40	86	29	34	63
500–590	39	54	93	32	56	88	34	65	99
400–490	15	42	57	12	49	61	31	40	71
300–390	7	9	16	2	8	10	5	11	16
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	226	95	39	61	565	570	552
Religiously Affiliated	1	0	0	100			
Independent	11	5	73	27	548	555	530
Other or Unknown	36		39	61	587	567	552

**Table 8: Test-Taking Conditions**

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	272	99	568	108	570	101	552	100
Nonstandard Conditions	2	1						

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

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	2	1						
Asian, Asian American, or Pacific Islander	13	5	555		668		581	
Black or African American	3	1						
Mexican or Mexican American	6	2	518		513		485	
Puerto Rican								
Other Hispanic, Latino, or Latin American	5	2	440		470		468	
White	236	86	572	106	570	100	554	97
Other	3	1						
No Response	6	2	600		485		545	
Total	274	100	567	109	568	103	550	101

Table 10: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	1	0						
Asian, Asian American, or Pacific Islander	6	2	555		670		593	
Black or African American	1	0						
Mexican or Mexican American	2	1						
Puerto Rican								
Other Hispanic, Latino, or Latin American	2	1						
White	96	35	584	107	605	96	553	101
Other	2	1						
No Response	1	0						
Total	111	41	577	111	606	96	555	103

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	7	3	554		667		570	
Black or African American	2	1						
Mexican or Mexican American	4	1						
Puerto Rican								
Other Hispanic, Latino, or Latin American	3	1						
White	140	51	564	105	546	95	554	94
Other	1	0						
No Response	5	2	582		456		528	
Total	163	59	559	107	542	100	547	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	274	100	567	109	568	103	550	101
<b>First Language Learned</b>								
English	240	88	572	108	568	100	553	98
English and Another	19	7	540		566		536	
Another Language	13	5	499		599		536	
No Response	2							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	262	97	571	106	568	101	552	99
U.S. Permanent Resident or Refugee	3	1						
Citizen of Another Country	6	2	455		623		537	
Other, Unknown, or No Response	3							
<b>Disabling Condition</b>								
Yes	7	3	494		557		486	
Unknown or No Response	267		569	108	568	103	552	99
<b>Plans to Apply for Financial Aid</b>								
Yes	183	72	570	111	570	102	553	100
No	15	6	527		519		521	
Don't Know	55	22	574	99	584	97	558	99
<b>Family Income</b>								
\$0 - \$20,000	2	1						
\$20,000–\$40,000	22	11	526		556		534	
\$40,000–\$60,000	26	13	567	67	551	91	532	80
\$60,000–\$80,000	38	19	560	114	563	100	545	94
\$80,000–\$100,000	34	17	543	103	561	109	532	93
\$100,000–\$120,000	35	17	588	103	583	94	569	78
\$120,000–\$140,000	11	5	588		620		583	
\$140,000–\$160,000	8	4	500		520		485	
\$160,000–\$200,000	9	4	526		541		520	
More than \$200,000	17	8	628		617		599	
No Response	72		577	116	565	113	559	114
<b>Highest Level of Parental Education</b>								
No High School Diploma	2	1						
High School Diploma	37	14	513	79	543	95	500	71
Associate Degree	24	9	502		510		475	
Bachelor's Degree	91	34	568	102	567	98	562	98
Graduate Degree	110	42	598	111	595	102	577	96
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	96	39	572	115	571	102	546	103
Yes, As a Sophomore or Younger	46	18	572	106	577	98	561	88
Yes, As a Junior and As a Sophomore or Younger	61	24	586	93	588	101	585	89
No	46	18	534	98	549	96	518	97

## 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	116	61	48	52	616	628	595
Second Tenth	44	23	27	73	547	554	543
Second Fifth	23	12	39	61	483	494	480
Final Three Fifths	7	4	14	86	497	456	467
No Response	84		39	61	538	523	519

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)	40	15	48	53	638	656	614
A (93–96)	90	33	38	62	596	590	575
A- (90–92)	70	26	44	56	565	569	555
B (80–89)	53	20	30	70	490	495	488
C (70–79)	15	6	67	33	491	483	452
D, E, or F (below 70)	1	0	0	100			
No Response	5		20	80	526	504	496
<b>Mean Grade Point Average</b>	<b>All Students: 3.68</b>		<b>Male: 3.67</b>		<b>Female: 3.68</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.4	3.1	2.8	3.92	3.93	3.93
English and Language Arts	3.9	4.0	4.0	3.71	3.78	3.75
Foreign and Classical Languages	2.8	3.1	3.0	3.61	3.70	3.66
Mathematics	4.0	3.9	4.0	3.64	3.48	3.54
Natural Sciences	3.8	3.9	3.8	3.63	3.62	3.62
Social Sciences and History	3.6	3.6	3.6	3.79	3.71	3.74
<b>Total for All Subjects</b>	<b>20.5</b>	<b>21.6</b>	<b>21.2</b>			

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	19	8	21	79	597	592	588	
4 Years	201	83	42	58	566	574	551	
3 Years	21	9	33	67	561	516	533	
2 Years	1	0	100	0				
1 Year		0						
1/2 Year or Less		0						
No Response	32		44	56	565	553	538	
<b>Course Work or Experience</b>								
English/Language Arts	233	96	41	59	571	574	556	
Journalism	27	11	33	67	593	575	577	
Creative Writing	63	26	38	62	573	572	563	
American Literature	159	66	42	58	576	583	558	
Composition/Writing	132	55	42	58	574	584	562	
British Literature	72	30	44	56	567	573	556	
World Literature	76	31	39	61	572	581	554	
Communications	34	14	41	59	539	551	546	
Public Speaking	95	39	39	61	563	563	557	
English As Second Language	11	5	36	64	491	580	514	
AP@/Honors Courses	127	52	40	60	602	604	591	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	37	15	38	62	602	626	583	
4 Years	159	65	45	55	565	575	554	
3 Years	45	19	24	76	550	507	520	
2 Years	2	1	50	50				
1 Year		0						
1/2 Year or Less		0						
No Response	31		42	58	567	553	540	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	124	50	44	56	602	625	587	
Pre-calculus	61	25	44	56	558	552	546	
Trigonometry	16	6	25	75	507	501	472	
Algebra II	43	17	33	67	523	481	507	
Algebra I	3	1	0	100				
AP/Honors Courses	118	49	48	52	597	625	586	

\*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 Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	42	17	26	74	609	612	595	
4 Years	131	54	45	55	568	571	552	
3 Years	63	26	35	65	544	543	527	
2 Years	3	1	67	33				
1 Year	2	1	50	50				
1/2 Year or Less	1	0	100	0				
No Response	32		47	53	562	545	536	
<b>Course Work or Experience</b>								
Biology	238	96	40	60	572	573	556	
Chemistry	229	92	41	59	575	577	559	
Physics	160	65	48	53	579	590	562	
Geology, Earth, or Space Science	151	61	40	60	556	557	539	
Other Sciences	101	41	32	68	564	555	550	
AP/Honors Courses	94	39	43	57	610	622	593	

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	13	5	23	77	608	609	584	
4 Years	128	53	45	55	570	578	559	
3 Years	94	39	36	64	560	556	540	
2 Years	6	2	50	50	555	510	535	
1 Year	2	1	50	50				
1/2 Year or Less		0						
No Response	31		42	58	567	553	540	
<b>Course Work or Experience</b>								
U.S. History	231	94	40	60	571	571	554	
World History or Cultures	198	80	43	57	565	570	551	
U.S. Government or Civics	211	85	40	60	568	571	553	
Economics	83	34	37	63	554	565	550	
Geography	66	27	32	68	563	557	549	
Psychology	86	35	38	62	573	565	565	
European History	61	25	44	56	585	590	560	
Sociology	44	18	25	75	563	544	549	
Ancient History	37	15	32	68	572	558	556	
Other Courses	50	20	46	54	595	599	582	
AP/Honors Courses	97	40	40	60	612	612	601	

## 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	7	13	88	570	574	576
4 Years	71	29	38	62	600	604	583
3 Years	68	28	47	53	556	560	541
2 Years	66	27	42	58	548	558	530
1 Year	15	6	60	40	571	562	551
1/2 Year or Less	7	3	29	71	523	514	511
No Response	31		35	65	561	537	537
<b>Course Work or Experience</b>							
Chinese	4	2	25	75			
French	49	20	29	71	616	579	580
German	12	5	50	50	594	567	543
Greek	2	1	50	50			
Hebrew		0					
Italian	1	0	0	100			
Japanese	3	1	33	67			
Korean	1	0	0	100			
Latin	8	3	50	50	589	559	575
Russian	1	0	0	100			
Spanish	188	78	42	58	562	569	552
Other Languages	5	2	20	80	562	574	552
AP/Honors Courses	48	20	35	65	629	635	615

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b> Years of Study	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	23	9	17	83	587	597	567
4 Years	83	34	37	63	567	571	561
3 Years	48	20	35	65	557	547	535
2 Years	33	13	33	67	583	597	559
1 Year	33	13	58	42	555	558	533
1/2 Year or Less	26	11	65	35	567	578	556
No Response	28		43	57	560	541	536
<b>Course Work or Experience</b>							
Acting or Play Production	56	24	36	64	602	581	586
Art History or Appreciation	33	14	24	76	539	543	525
Dance	26	11	23	77	556	565	539
Drama: Study or Appreciation	43	19	26	74	579	556	555
Music: Study or Appreciation	43	19	47	53	604	600	595
Music Performance	133	58	39	61	589	590	566
Photography or Film	51	22	31	69	572	561	558
Studio Art and Design	77	33	32	68	573	565	557
None	24	10	58	42	525	544	533
AP/Honors Courses	19	8	42	58	579	604	589

<b>Computers</b> Course Work or Experience	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	155	69	41	59	576	575	561
Computer Programming	35	16	60	40	549	579	540
Word Processing	156	69	39	61	570	572	556
Internet Activity	137	61	44	56	560	568	544
Using Computer Graphics	102	45	41	59	554	566	540
Creating Spreadsheets/Databases	91	40	44	56	569	584	552
None	22	10	36	64	574	580	578

## 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
65	176	53	641	637	633

  

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	4	6
2	23	35
3	31	48
4 or More	7	11

Table 21: Mean Scores for SAT Subject Tests 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			N	SAT						
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
<b>English</b>											
Literature	36	640	94	32	655	98	625	101	644	85	
<b>History and Social Studies</b>											
U.S. History	20	584		18	655		628		622		
World History	5	580		4							
<b>Mathematics</b>											
Mathematics Level 1	26	632	102	22	624		630		630		
Mathematics Level 2	30	663	93	25	648	82	685	82	644	76	
<b>Science</b>											
Biology-E	23	593		17	644		624		629		
Biology-M	5	660		5	628		662		634		
Chemistry	16	651		12	680		682		670		
Physics	7	630		6	583		678		605		
<b>Foreign and Classical Languages</b>											
Chinese/Listening											
French											
French/Listening											
German											
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	1			1							
Latin											
Spanish	3										
Spanish/Listening	4			4							

## 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	7	19				
700-740	3	8	2	10	1	20
650-690	7	19	1	5		
600-640	8	22	7	35	2	40
550-590	6	17	3	15		
500-540	2	6	6	30	1	20
450-490	2	6	1	5	1	20
400-440	1	3				
350-390						
300-340						
250-290						
200-240						
Total	36		20		5	
Mean	640		584		580	
SD	94					
75th percentile	700		620			
50th percentile	640		570			
25th percentile	580		530			

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	2	8	7	23	2	9			4	25		
700-740	7	27	6	20	1	4	2	40			2	29
650-690	4	15	6	20	5	22	1	20	5	31	2	29
600-640	6	23	4	13	3	13	1	20	3	19		
550-590	1	4	4	13	5	22			2	13	2	29
500-540	3	12	1	3	2	9	1	20	1	6	1	14
450-490	2	8	2	7	2	9			1	6		
400-440					2	9						
350-390	1	4										
300-340					1	4						
250-290												
200-240												
Total	26		30		23		5		16		7	
Mean	632		663		593		660		651		630	
SD	102		93									
75th percentile	720		730		670							
50th percentile	630		660		590							
25th percentile	520		590		480							

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800												
700-740												
650-690												
600-640												
550-590												
500-540												
450-490												
400-440												
350-390												
300-340												
250-290												
200-240												
Total												
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	100			1	33		
700-740											1	25
650-690												
600-640												
550-590											1	25
500-540									1	33	1	25
450-490												
400-440									1	33	1	25
350-390												
300-340												
250-290												
200-240												
Total					1				3		4	
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	3	1			
Architecture and Related Services	8	4	564	623	564
Area, Ethnic, Cultural and Gender Studies					
Biological and Biomedical Sciences	11	5	556	579	568
Business Management, Marketing, and Related Support Services	19	9	537	520	543
Communication, Journalism and Related Programs	8	4	588	546	604
Computer and Information Sciences and Support Services	5	2	524	604	496
Construction Trades					
Education	7	3	483	493	460
Engineering	27	12	551	621	518
Engineering Technologies/Technicians	2	1			
English Language and Literature/Letters	2	1			
Family and Consumer Sciences/Human Sciences	1	0			
Foreign Languages, Literatures, and Linguistics	4	2			
Health Professions and Related Clinical Services	36	17	582	573	559
History	2	1			
Legal Professions and Studies	5	2	610	638	628
Liberal Arts and Sciences, General Studies, and Humanities	5	2	580	520	548
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	1	0			
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services					
Philosophy and Religious Studies	1	0			
Physical Sciences	7	3	636	646	593
Precision Production					
Psychology	10	5	527	489	516
Public Administration and Social Services Professions					
Security and Protective Services	2	1			
Social Sciences	5	2	600	560	516
Theology and Religious Vocations	1	0			
Transportation and Materials Moving					
Visual and Performing Arts	21	10	580	585	590
Other	2	1			
Undecided	17	8	592	592	578
<b>Degree-Level Goal</b>					
Certificate Program	2	1			
Associate Degree	2	1			
Bachelor's Degree	47	19	519	535	506
Master's Degree	79	31	572	564	552
Doctoral or Related Degree	76	30	596	597	577
Other	2	1			
Undecided	46	18	572	578	568

## College Plans

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

Of the 286 students from your state who took the SAT and/or an SAT Subject Test, 220 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 326 institutions received score reports from your students.

<b>Institution</b>	<b>State</b>	<b>Type</b>	<b>Number of Students</b>	<b>Percent of Score Senders*</b>
UNIVERSITY WYOMING	WY	Public	91	41.4
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	27	12.3
MONTANA STATE UNIVERSITY	MT	Public	27	12.3
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	26	11.8
UNIVERSITY OF COLORADO BOULDER	CO	Public	22	10.0
STANFORD UNIVERSITY	CA	Private	20	9.1
MICHIGAN STATE UNIVERSITY	MI	Public	19	8.6
UNIVERSITY OF DENVER	CO	Private	16	7.3
UNIVERSITY OF MONTANA	MT	Public	15	6.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	15	6.8
UNIVERSITY OF UTAH	UT	Public	14	6.4
WASHINGTON UNIVERSITY	MO	Private	12	5.5
PRINCETON UNIVERSITY	NJ	Private	11	5.0
DARTMOUTH COLLEGE	NH	Private	11	5.0
UNIVERSITY OF NOTRE DAME	IN	Private	11	5.0
COLORADO SCHOOL OF MINES	CO	Public	11	5.0
BOISE STATE UNIVERSITY	ID	Public	10	4.5
UNIVERSITY OF WASHINGTON	WA	Public	10	4.5
GEORGETOWN UNIVERSITY	DC	Private	10	4.5
NORTHWESTERN UNIVERSITY	IL	Private	10	4.5
NCAA ELIGIBILITY CENTER	IN	Public	9	4.1
NORTHWEST COLLEGE	WY	Public	9	4.1
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	9	4.1
YALE UNIVERSITY	CT	Private	9	4.1
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	8	3.6
UNIVERSITY OF OREGON	OR	Public	8	3.6
BROWN UNIVERSITY	RI	Private	8	3.6
MESA STATE COLLEGE	CO	Public	8	3.6
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	8	3.6
WASHINGTON STATE UNIVERSITY	WA	Public	7	3.2
CORNELL UNIVERSITY	NY	Private	7	3.2
NEW YORK UNIVERSITY	NY	Private	7	3.2
UNIVERSITY OF PORTLAND	OR	Private	6	2.7
BOSTON COLLEGE	MA	Private	6	2.7
CARLETON COLLEGE	MN	Private	6	2.7
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	6	2.7
BOSTON UNIVERSITY	MA	Private	6	2.7
COLORADO COLLEGE	CO	Private	6	2.7
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	5	2.3
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	5	2.3
BRIGHAM YOUNG UNIVERSITY	UT	Private	5	2.3
GONZAGA UNIVERSITY	WA	Private	5	2.3
JOHN BARRASSO	WY	Scholarship	5	2.3
OREGON STATE UNIVERSITY	OR	Public	5	2.3
UNIVERSITY OF PUGET SOUND	WA	Private	5	2.3

\*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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