



2008 College-Bound Seniors

# State Profile Report

WEST VIRGINIA

## Included in this Report

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**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](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 200–800 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](http://www.collegeboard.com/cbs).

# Total Group Mean SAT Reasoning Test Scores

## College-Bound Seniors, 1972–2008

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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.

# Table of Contents

## SAT Reasoning Test™

SAT Reasoning Test Data Page 1

---

- Table 1: Overall Mean Scores
- Table 2: Mean Scores by Gender
- Table 3: Year in Which Seniors Last Took the SAT Reasoning Test™
- Table 4: Mean Scores for Total Group
- Table 5: Percentiles for State and Total Group
- Table 6: Score Distributions
- Table 7: Type of High School
- Table 8: Test-Taking Conditions

## Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity Page 3

---

- Table 9: Total Mean Scores by Ethnicity
- Table 10: Male Mean Scores by Ethnicity
- Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test: Student Background Information and Characteristics Page 4

---

- Table 12: Student Background Information and Characteristics

## Academic Information

Academic Record Page 5

---

- Table 13: High School Rank
- Table 14: High School Grade Point Average
- Table 15: Average Years of Study in Six Academic Subjects

Course-Taking Patterns Page 6

---

- Table 16: English and Language Arts, Mathematics
- Table 17: Natural Sciences, Social Sciences and History
- Table 18: Foreign and Classical Languages
- Table 19: Arts and Music, Computers

## SAT Subject Tests™

SAT Subject Tests Data Page 10

---

- Table 20: Number of Test-Takers and Tests for SAT Subject Tests™
- Table 21: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

SAT Subject Tests Score Distributions Page 11

---

- Table 22: English, History and Social Studies
- Table 23: Mathematics, Science
- Table 24: Foreign and Classical Languages
- Table 25: Foreign and Classical Languages (continued)

## College Plans

Intended College Major, Degree-Level Goal Page 13

---

- Table 26: Intended College Major, Degree-Level Goal

Institutions That Received the Most SAT® Program Score Reports from Your Students Page 14

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

## 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	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Total	3,427	512	99	501	101	498	95	51.0	9.7	6.6	1.5

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Male	1,464	516	102	522	104	490	98	50.4	9.9	6.4	1.6
Female	1,960	509	96	485	96	505	92	51.4	9.5	6.8	1.4
No Response**	3										

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	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Senior (2007-2008)	2,476	502	96	491	99	490	92	50.1	9.4	6.6	1.5
Junior (2006-2007)	926	539	102	527	103	520	99	53.2	10.2	6.8	1.6
Sophomore (2005-2006)	21	512		502		505		51.1		7.1	
Freshman (2004-2005)	4										
Total	3,427	512	99	501	101	498	95	51.0	9.7	6.6	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	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
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 3,427 students in this report, 3,426 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	580	570	560	580	590	570
50th	510	500	490	500	510	490
25th	440	430	430	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	29	18	47	28	13	41	13	13	26
700-740	35	40	75	43	25	68	26	34	60
650-690	90	112	202	121	88	209	67	88	155
600-640	173	195	368	162	118	280	98	176	274
550-590	220	306	526	239	249	488	209	305	514
500-540	265	422	687	274	354	629	247	405	652
450-490	267	350	617	258	413	672	315	443	758
400-440	220	312	533	169	384	553	250	284	535
350-390	118	136	256	113	210	323	152	145	298
300-340	29	48	77	38	72	111	67	46	114
250-290	10	12	22	13	22	35	14	12	26
200-240	8	9	17	6	12	18	5	9	14

**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	2,804	87	43	57	509	499	495
Religiously Affiliated	288	9	44	56	537	516	519
Independent	116	4	53	47	519	524	517
Other or Unknown	219						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,418	100	512	99	501	101	498	95
Nonstandard Conditions	9	0	496		469		496	

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	18	1	488		468		489	
Asian, Asian American, or Pacific Islander	102	3	534	126	587	116	539	121
Black or African American	117	3	460	101	443	103	448	100
Mexican or Mexican American	15	0	483		479		472	
Puerto Rican	7	0	500		507		500	
Other Hispanic, Latino, or Latin American	30	1	496	98	500	106	484	99
White	2,938	86	513	96	501	98	499	92
Other	84	2	519	106	508	105	511	107
No Response	116	3	515	110	483	99	499	105
Total	3,427	100	512	99	501	101	498	95

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	9	0	487		493		463	
Asian, Asian American, or Pacific Islander	50	1	524	124	590	114	521	123
Black or African American	56	2	450	106	432	117	435	107
Mexican or Mexican American	8	0	454		454		428	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	17	0	481		500		451	
White	1,230	36	519	99	525	100	492	94
Other	44	1	517	112	530	102	502	104
No Response	47	1	516	114	499	98	497	107
Total	1,464	43	516	102	522	104	490	98

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	9	0	489		442		516	
Asian, Asian American, or Pacific Islander	52	2	545	128	585	117	557	115
Black or African American	61	2	469	95	452	87	459	91
Mexican or Mexican American	7	0	517		509		523	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	13	0	515		500		526	
White	1,705	50	509	94	484	93	504	90
Other	40	1	522	98	483	103	522	109
No Response	69	2	514	108	472	99	501	104
Total	1,960	57	509	96	485	96	505	92

## 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	3,427	100	512	99	501	101	498	95
<b>First Language Learned</b>								
English	3,020	93	511	97	497	97	497	93
English and Another	155	5	502	95	506	115	494	100
Another Language	61	2	458	134	554	127	470	126
No Response	191							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	3,152	98	511	97	498	98	497	93
U.S. Permanent Resident or Refugee	20	1	458		516		465	
Citizen of Another Country	34	1	434	86	573	119	456	100
Other, Unknown, or No Response	221							
<b>Disabling Condition</b>								
Yes	152	4	490	118	459	103	462	105
Unknown or No Response	3,275							
<b>Plans to Apply for Financial Aid</b>								
Yes	2,445	78	508	98	495	98	494	92
No	167	5	515	96	502	96	503	98
Don't Know	510	16	510	97	508	103	498	99
<b>Family Income</b>								
\$0 - \$20,000	190	7	486	95	476	97	469	85
\$20,000-\$40,000	389	15	495	98	478	90	481	91
\$40,000-\$60,000	561	21	499	95	487	93	485	89
\$60,000-\$80,000	473	18	505	89	496	93	492	87
\$80,000-\$100,000	406	15	513	96	502	97	500	91
\$100,000-\$120,000	272	10	521	102	519	107	511	92
\$120,000-\$140,000	125	5	519	102	513	105	506	96
\$140,000-\$160,000	63	2	536	89	524	96	509	92
\$160,000-\$200,000	74	3	521	105	522	101	509	104
More than \$200,000	103	4	543	90	532	104	537	101
No Response	771							
<b>Highest Level of Parental Education</b>								
No High School Diploma	27	1	475	111	476	112	465	117
High School Diploma	1,063	34	480	91	466	89	469	83
Associate Degree	268	8	489	94	481	85	473	89
Bachelor's Degree	918	29	512	89	505	94	500	88
Graduate Degree	892	28	548	100	535	105	531	98
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	893	30	518	95	505	97	504	88
Yes, As a Sophomore or Younger	734	25	502	91	489	92	489	85
Yes, As a Junior and As a Sophomore or Younger	626	21	560	97	553	96	549	95
No	700	24	466	89	455	87	451	82

## 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	813	39	41	59	567	564	555
Second Tenth	619	29	40	60	501	493	491
Second Fifth	410	19	44	56	478	469	464
Final Three Fifths	261	12	46	54	447	423	430
No Response	1,324						

**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)	513	16	38	62	570	570	559
A (93–96)	1,007	31	39	61	529	523	520
A- (90–92)	571	18	39	61	512	498	497
B (80–89)	971	30	48	52	469	450	452
C (70–79)	146	5	64	36	433	420	405
D, E, or F (below 70)	4	0	25	75			
No Response	215						
<b>Mean Grade Point Average</b>	<b>All Students: 3.64</b>		<b>Male: 3.55</b>		<b>Female: 3.70</b>		

**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	2.0	2.4	2.2	3.84	3.93	3.89
English and Language Arts	3.9	4.0	4.0	3.43	3.65	3.56
Foreign and Classical Languages	2.3	2.5	2.4	3.33	3.55	3.46
Mathematics	4.2	4.1	4.1	3.33	3.32	3.32
Natural Sciences	3.9	3.9	3.9	3.50	3.53	3.51
Social Sciences and History	3.9	3.9	3.9	3.61	3.64	3.62
<b>Total for All Subjects</b>	<b>20.2</b>	<b>20.8</b>	<b>20.5</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 Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	215	7	43	57	526	516	510
4 Years	2,490	84	41	59	512	500	499
3 Years	229	8	45	54	482	477	467
2 Years	27	1	56	44	483	456	470
1 Year	4	0	75	25			
1/2 Year or Less	6	0	50	50	438	515	495
No Response	456						
<b>Course Work or Experience</b>							
English/Language Arts	2,759	96	41	59	512	500	499
Journalism	343	12	28	72	525	489	513
Creative Writing	584	20	40	60	520	486	500
American Literature	1,285	45	41	59	522	506	506
Composition/Writing	871	30	39	61	517	499	503
British Literature	621	22	38	62	532	511	512
World Literature	713	25	41	59	522	506	505
Communications	332	12	36	64	501	488	490
Public Speaking	622	22	35	65	524	503	513
English As Second Language	58	2	45	55	433	513	434
AP®/Honors Courses	1,599	54	38	62	546	531	535

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	750	25	46	54	540	557	527
4 Years	1,896	64	40	60	504	484	490
3 Years	305	10	41	58	484	455	467
2 Years	22	1	41	59	462	432	476
1 Year	5	0	20	80	434	372	444
1/2 Year or Less	4	0	25	75			
No Response	445						
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	781	26	50	50	563	585	552
Pre-calculus	744	25	39	61	520	507	506
Trigonometry	734	25	36	64	494	474	481
Algebra II	632	21	40	60	467	428	452
Algebra I	64	2	45	55	416	376	394
AP/Honors Courses	1,039	35	43	57	555	564	543

\*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

<b>Natural Sciences</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	468	16	45	55	546	548	526
4 Years	1,880	63	40	60	509	495	498
3 Years	500	17	44	56	488	473	474
2 Years	86	3	51	49	492	482	473
1 Year	17	1	41	59	456	411	442
1/2 Year or Less	10	0	20	80	445	442	483
No Response	466						
<b>Course Work or Experience</b>							
Biology	2,211	75	39	61	512	498	499
Chemistry	2,206	75	41	59	520	514	507
Physics	906	31	54	46	542	555	526
Geology, Earth, or Space Science	1,670	57	43	57	501	486	487
Other Sciences	1,870	64	37	62	516	501	502
AP/Honors Courses	1,122	38	42	58	551	546	537

<b>Social Sciences and History</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	242	8	40	60	546	528	523
4 Years	2,315	78	41	59	510	498	498
3 Years	343	12	45	54	498	487	478
2 Years	49	2	53	47	468	459	461
1 Year	10	0	70	30	510	485	506
1/2 Year or Less	6	0	33	67	432	497	475
No Response	462						
<b>Course Work or Experience</b>							
U.S. History	2,788	96	41	59	513	501	500
World History or Cultures	2,583	88	41	59	514	502	500
U.S. Government or Civics	2,447	84	41	59	510	497	497
Economics	309	11	48	52	518	503	503
Geography	494	17	43	57	490	481	479
Psychology	930	32	30	70	524	498	512
European History	431	15	43	57	505	497	496
Sociology	419	14	33	67	509	491	501
Ancient History	550	19	48	52	515	501	493
Other Courses	599	21	37	63	508	496	496
AP/Honors Courses	1,131	38	39	61	552	536	536

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

<b>Foreign and Classical Languages</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	89	3	31	69	581	553	561
4 Years	388	13	36	64	561	550	555
3 Years	569	19	36	64	529	518	518
2 Years	1,676	57	44	56	495	483	480
1 Year	171	6	50	50	487	470	463
1/2 Year or Less	73	2	62	38	442	443	424
No Response	461						
<b>Course Work or Experience</b>							
Chinese	14	0	36	64	496	599	504
French	519	18	33	67	517	497	500
German	104	4	58	42	527	507	507
Greek	8	0	75	25	526	516	504
Hebrew							
Italian	12	0	33	67	578	548	550
Japanese	14	0	50	50	566	548	551
Korean	4	0	25	75			
Latin	179	6	47	52	549	528	529
Russian	8	0	50	50	494	506	493
Spanish	2,183	74	42	58	510	499	498
Other Languages	41	1	39	61	479	478	470
AP/Honors Courses	309	10	33	67	573	563	570

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	191	6	37	63	545	525	529
4 Years	591	20	34	66	533	506	519
3 Years	332	11	36	64	509	489	494
2 Years	600	20	42	58	489	481	480
1 Year	1,020	35	48	52	506	506	493
1/2 Year or Less	216	7	46	54	504	488	482
No Response	477						
<b>Course Work or Experience</b>							
Acting or Play Production	555	20	31	69	545	507	527
Art History or Appreciation	585	21	45	55	501	494	492
Dance	365	13	14	86	503	484	494
Drama: Study or Appreciation	412	15	29	71	527	493	513
Music: Study or Appreciation	426	15	43	57	524	508	512
Music Performance	1,236	44	37	63	527	509	513
Photography or Film	326	12	31	69	520	494	506
Studio Art and Design	460	17	33	67	522	501	507
None	390	14	52	47	492	491	480
AP/Honors Courses	136	5	34	66	566	528	549

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	1,820	65	42	58	513	500	500
Computer Programming	340	12	59	41	516	516	500
Word Processing	1,959	70	41	59	516	502	502
Internet Activity	1,290	46	43	57	521	508	506
Using Computer Graphics	686	25	44	56	516	504	504
Creating Spreadsheets/Databases	830	30	43	57	514	509	503
None	357	13	33	67	513	496	503

## 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
282	747	232	638	635	621

  

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	18	6
2	92	33
3	148	52
4 or More	24	9

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
<b>English</b>										
Literature	136	595	111	105	649	88	603	100	623	85
<b>History and Social Studies</b>										
U.S. History	126	592	108	99	646	97	617	96	618	91
World History	20	647		19	651		619		659	
<b>Mathematics</b>										
Mathematics Level 1	124	581	120	93	617	96	614	103	597	97
Mathematics Level 2	125	658	103	111	640	93	681	82	632	92
<b>Science</b>										
Biology-E	32	599	89	24	625		625		604	
Biology-M	23	674		20	649		645		649	
Chemistry	75	650	108	67	651	76	685	90	646	80
Physics	30	663	88	28	655	99	689	83	628	85
<b>Foreign and Classical Languages</b>										
Chinese/Listening	3			3						
French	10	526		10	674		575		654	
French/Listening										
German										
German/Listening	1									
Modern Hebrew										
Italian										
Japanese/Listening	1			1						
Korean/Listening	3			3						
Latin	12	477		9	664		641		643	
Spanish	22	550		18	638		633		652	
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	8	6	8	6	2	10
700-740	23	17	15	12	6	30
650-690	24	18	23	18	3	15
600-640	18	13	21	17	3	15
550-590	18	13	20	16	4	20
500-540	16	12	12	10	1	5
450-490	14	10	12	10		
400-440	7	5	8	6	1	5
350-390	6	4	6	5		
300-340	2	1	1	1		
250-290						
200-240						
Total	136		126		20	
Mean	595		592		647	
SD	111		108			
75th percentile	690		660		720	
50th percentile	610		610		650	
25th percentile	510		500		580	

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	6	5	32	26			7	30	20	27	7	23
700-740	19	15	20	16	5	16	6	26	8	11	4	13
650-690	16	13	24	19	6	19	3	13	12	16	4	13
600-640	27	22	13	10	8	25	2	9	10	13	7	23
550-590	16	13	18	14	5	16	1	4	10	13	7	23
500-540	10	8	9	7	4	13	2	9	9	12		
450-490	3	2	6	5	2	6	2	9	5	7	1	3
400-440	11	9	2	2					1	1		
350-390	14	11			2	6						
300-340	2	2	1	1								
250-290												
200-240												
Total	124		125		32		23		75		30	
Mean	581		658		599		674		650		663	
SD	120		103		89				108		88	
75th percentile	670		740		660		750		750		730	
50th percentile	600		670		610		700		660		640	
25th percentile	500		580		540		560		550		590	

## 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	3	100	1	10								
700-740												
650-690			1	10								
600-640			1	10								
550-590												
500-540												
450-490			5	50								
400-440			2	20								
350-390												
300-340									1	100		
250-290												
200-240												
Total	3		10						1			
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	3	100			1	5		
700-740									1	5	1	25
650-690									2	9		
600-640							1	8	5	23		
550-590							1	8	4	18	2	50
500-540							1	8	1	5	1	25
450-490							4	33	4	18		
400-440							4	33	2	9		
350-390							1	8				
300-340									2	9		
250-290												
200-240												
Total			1		3		12		22		4	
Mean							477		550			
SD												
75th percentile									630			
50th percentile									560			
25th percentile									450			

## College Plans

Table 26: Intended College Major, Degree-Level Goal

<b>SAT Reasoning Test</b>	<b>Test-Takers</b>		<b>Mean Scores</b>		
	<b>Intended College Major</b>	Number	Pct	Critical Reading	Mathematics
Agriculture, Agriculture Operations, and Related Sciences	24	1	484	472	477
Architecture and Related Services	31	1	499	547	495
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	123	5	537	525	520
Business Management, Marketing, and Related Support Services	248	9	482	490	470
Communication, Journalism and Related Programs	75	3	552	498	545
Computer and Information Sciences and Support Services	81	3	518	513	489
Construction Trades	1	0			
Education	228	9	482	462	476
Engineering	220	8	538	568	510
Engineering Technologies/Technicians	35	1	486	566	477
English Language and Literature/Letters	32	1	633	529	593
Family and Consumer Sciences/Human Sciences	8	0	496	480	489
Foreign Languages, Literatures, and Linguistics	12	0	613	557	603
Health Professions and Related Clinical Services	787	30	490	487	486
History	27	1	566	503	540
Legal Professions and Studies	97	4	529	504	515
Liberal Arts and Sciences, General Studies, and Humanities	20	1	559	518	550
Library Science/Librarianship	2	0			
Mathematics and Statistics	15	1	555	629	566
Mechanic and Repair Technologies/Technician	5	0	424	540	458
Military Sciences	5	0	630	542	514
Multi/Interdisciplinary Studies	4	0			
Natural Resources and Conservation	11	0	498	487	495
Parks, Recreation, Leisure and Fitness Studies	14	1	442	426	425
Personal and Culinary Services	8	0	524	468	501
Philosophy and Religious Studies	2	0			
Physical Sciences	31	1	573	585	526
Precision Production					
Psychology	120	5	526	483	510
Public Administration and Social Services Professions	13	0	529	506	496
Security and Protective Services	39	1	502	497	474
Social Sciences	46	2	577	525	545
Theology and Religious Vocations	13	0	551	486	485
Transportation and Materials Moving					
Visual and Performing Arts	194	7	538	486	521
Other	30	1	465	469	467
Undecided	53	2	523	528	508
<b>Degree-Level Goal</b>					
Certificate Program	19	1	466	492	455
Associate Degree	39	1	440	417	431
Bachelor's Degree	794	26	480	468	467
Master's Degree	999	32	510	501	499
Doctoral or Related Degree	828	27	540	530	526
Other	14	0	475	457	453
Undecided	420	13	513	493	494

## College Plans

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

Of the 3,477 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 2,726 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 903 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>
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	1,690	62.0
MARSHALL UNIVERSITY	WV	Public	880	32.3
FAIRMONT STATE UNIVERSITY	WV	Public	438	16.1
SHEPHERD UNIVERSITY	WV	Public	413	15.2
CONCORD UNIVERSITY	WV	Public	321	11.8
WEST VIRGINIA WESLEYAN COLLEGE	WV	Private	232	8.5
WEST LIBERTY STATE COLLEGE	WV	Public	206	7.6
NCAA ELIGIBILITY CENTER	IA	Public	171	6.3
UNIVERSITY OF CHARLESTON	WV	Private	155	5.7
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	150	5.5
WHEELING JESUIT UNIVERSITY	WV	Private	147	5.4
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	144	5.3
WEST VIRGINIA STATE UNIVERSITY	WV	Public	116	4.3
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	115	4.2
ALDERSON-BROADDUS COLLEGE	WV	Private	113	4.1
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	112	4.1
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	112	4.1
UNIVERSITY OF VIRGINIA	VA	Public	108	4.0
WEST VIRGINIA UNIVERSITY INSTITUTE OF TE	WV	Public	106	3.9
BETHANY COLLEGE WEST VIRGINIA	WV	Private	104	3.8
POTOMAC STATE COLLEGE	WV	Public	103	3.8
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	100	3.7
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	91	3.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	79	2.9
MOUNTAIN STATE UNIVERSITY	WV	Private	78	2.9
DUKE UNIVERSITY	NC	Private	77	2.8
CARNEGIE MELLON UNIVERSITY	PA	Private	77	2.8
NEW YORK UNIVERSITY	NY	Private	76	2.8
BLUEFIELD STATE COLLEGE	WV	Public	74	2.7
OHIO UNIVERSITY ATHENS	OH	Public	71	2.6
GLENVILLE STATE COLLEGE	WV	Public	68	2.5
DAVIS AND ELKINS COLLEGE	WV	Private	66	2.4
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	62	2.3
WEST VIRGINIA UNIVERSITY PARKERSBURG	WV	Public	62	2.3
UNIVERSITY OF TENNESSEE KNOXVILLE	TN	Public	57	2.1
MARIETTA COLLEGE	OH	Private	56	2.1
PRINCETON UNIVERSITY	NJ	Private	55	2.0
YALE UNIVERSITY	CT	Private	55	2.0
LIBERTY UNIVERSITY	VA	Private	54	2.0
GEORGETOWN UNIVERSITY	DC	Private	54	2.0
WASHINGTON AND LEE UNIVERSITY	VA	Private	53	1.9
WAKE FOREST UNIVERSITY	NC	Private	51	1.9
WEST VIRGINIA HIGHER EDUCATION GRANT PRO	WV	Scholarship	51	1.9
JAMES MADISON UNIVERSITY	VA	Public	50	1.8
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	48	1.8

\*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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