



2011 College-Bound Seniors

# State Profile Report

WEST VIRGINIA

## 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 2011* includes students who tested through June 2011.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2011 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered accurate. Therefore, you can use this report to:

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

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent.
- These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

## Statistical Definitions

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

### Mean

The *mean* is the arithmetic average.

### Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

### Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200 to 800 point scale.

### Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

## The College Board: Inspiring Minds™

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

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2011

<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	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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## SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	2,993	514	102	501	104	497	98	50.7	10.0	6.9	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,363	520	106	525	108	490	102	50.4	10.3	6.7	1.6
Female	1,630	509	98	481	96	503	95	51.0	9.8	7.1	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	2,106	505	101	491	102	486	96	49.6	9.8	6.9	1.5
Junior (2009-2010)	867	536	100	524	105	523	98	53.3	10.1	7.1	1.4
Sophomore (2008-2009)	20	511		529		521		52.2		7.4	
Freshman (2007-2008)											
Total	2,993	514	102	501	104	497	98	50.7	10.0	6.9	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	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

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

## SAT Data

**Table 5: Percentiles for State and Total Group**

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	580	570	560	570	600	560
50th	510	490	490	490	510	480
25th	440	430	430	420	430	410

**Table 6: Score Distributions**

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit [www.collegeboard.org/sat-skills](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	70	51	121	80	28	108	37	50	87
600–690	273	261	534	282	179	461	165	220	385
500–590	463	560	1,023	431	466	897	437	563	1,000
400–490	408	569	977	421	668	1,089	490	587	1,077
300–390	122	176	298	132	250	382	204	194	398
200–290	27	13	40	17	39	56	30	16	46

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,455	86	45	55	511	499	494
Religiously Affiliated	303	11	46	54	539	523	523
Independent	108	4	42	58	540	524	520
Other or Unknown	127		50	50	498	470	477

**Table 8: Test-Taking Conditions**

\*Nonstandard conditions\* reflect test-takers who received an accommodation. \*Disabling conditions\* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	169	6	482	110	461	112	451	101
Nonstandard Conditions	16	1	464		494		464	

## 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	18	1	494		464		449	
Asian, Asian American, or Pacific Islander	99	3	556	107	607	115	548	107
Black or African American	163	5	435	99	424	94	419	98
Mexican or Mexican American	16	1	489		446		476	
Puerto Rican	16	1	494		493		459	
Other Hispanic, Latino, or Latin American	41	1	489	96	480	106	458	87
White	2,535	85	518	99	503	100	502	95
Other	61	2	505	100	493	100	491	97
No Response	44	1	530	113	471	103	495	100
Total	2,993	100	514	102	501	104	497	98

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	8	0	429		398		370	
Asian, Asian American, or Pacific Islander	56	2	563	112	627	119	554	111
Black or African American	85	3	433	106	435	96	410	103
Mexican or Mexican American	8	0	483		463		436	
Puerto Rican	5	0	502		494		434	
Other Hispanic, Latino, or Latin American	21	1	508		507		451	
White	1,128	38	525	103	530	102	495	98
Other	29	1	522	108	514	95	499	104
No Response	23	1	535		468		470	
Total	1,363	46	520	106	525	108	490	102

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	10	0	546		518		513	
Asian, Asian American, or Pacific Islander	43	1	547	98	580	105	541	101
Black or African American	78	3	437	90	412	91	427	91
Mexican or Mexican American	8	0	496		429		515	
Puerto Rican	11	0	491		492		471	
Other Hispanic, Latino, or Latin American	20	1	470		453		465	
White	1,407	47	513	96	482	93	506	93
Other	32	1	489	89	474	99	484	90
No Response	21	1	523		474		521	
Total	1,630	54	509	98	481	96	503	95

## 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	2,993	100	514	102	501	104	497	98
<b>First Language Learned</b>								
English	2,759	93	514	101	499	102	497	98
English and Another	135	5	521	102	519	120	504	103
Another Language	71	2	487	127	547	140	486	115
No Response	28		522	115	489	122	497	93
<b>Citizenship</b>								
U.S. Citizen / U.S. National	2,874	98	514	101	500	103	498	98
U.S. Permanent Resident or Refugee	32	1	537	129	537	134	497	109
Citizen of Another Country	36	1	481	116	570	113	488	113
Other, Unknown, or No Response	51		490	108	465	101	472	89
<b>Plans to Apply for Financial Aid</b>								
Yes	2,231	80	513	102	498	104	497	99
No	175	6	504	101	505	101	492	99
Don't Know	389	14	515	95	512	105	497	96
No Response	198		527	107	504	102	505	93
<b>Family Income</b>								
\$0 - \$20,000	164	8	465	99	457	101	447	95
\$20,000–\$40,000	312	15	487	103	472	100	472	92
\$40,000–\$60,000	337	16	503	103	484	95	480	96
\$60,000–\$80,000	336	16	521	96	503	98	500	95
\$80,000–\$100,000	308	14	516	99	510	101	508	95
\$100,000–\$120,000	266	12	516	95	506	105	501	90
\$120,000–\$140,000	133	6	523	99	507	107	506	97
\$140,000–\$160,000	77	4	509	97	501	104	499	111
\$160,000–\$200,000	76	4	564	88	556	99	539	96
More than \$200,000	131	6	538	91	547	97	543	98
No Response	853		524	104	508	107	504	99
<b>Highest Level of Parental Education</b>								
No High School Diploma	31	1	464	93	470	85	447	77
High School Diploma	884	30	482	95	466	94	462	88
Associate Degree	266	9	491	94	478	93	475	92
Bachelor's Degree	908	31	524	98	512	100	509	94
Graduate Degree	825	28	550	101	539	107	534	100
No Response	79		479	104	453	99	466	91
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	597	21	513	101	498	97	494	95
Yes, As a Sophomore or Younger	824	29	515	90	499	94	498	88
Yes, As a Junior and As a Sophomore or Younger	726	25	558	102	554	107	548	98
No	716	25	470	96	455	95	449	87
No Response	130		505	101	481	90	483	90

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



## Academic Information

### Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	774	45	46	54	575	573	564
Second Tenth	482	28	49	51	508	501	497
Second Fifth	246	14	54	46	477	467	450
Final Three Fifths	205	12	43	57	452	422	428
No Response	1,286		43	57	496	476	477

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)	590	20	40	60	574	574	565
A (93–96)	945	32	44	56	536	526	521
A- (90–92)	483	17	46	54	502	486	482
B (80–89)	762	26	48	52	463	444	444
C (70–79)	128	4	66	34	437	401	406
D, E, or F (below 70)	9	0	44	56	406	417	406
No Response	76		50	50	494	470	458
<b>Mean Grade Point Average</b>	<b>All Students: 3.69</b>		<b>Male: 3.63</b>		<b>Female: 3.74</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	2.1	2.5	2.3	3.84	3.92	3.88
English and Language Arts	4.0	4.0	4.0	3.54	3.71	3.63
Foreign and Classical Languages	2.5	2.6	2.6	3.41	3.63	3.53
Mathematics	4.3	4.1	4.2	3.40	3.41	3.40
Natural Sciences	3.9	3.9	3.9	3.54	3.54	3.54
Social Sciences and History	3.9	3.9	3.9	3.67	3.66	3.66
<b>Total for All Subjects</b>	<b>20.7</b>	<b>21.0</b>	<b>20.9</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>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	390	14	45	55	516	514	506	
4 Years	1,977	73	46	54	518	504	500	
3 Years	265	10	42	58	494	483	473	
2 Years	42	2	40	60	515	504	512	
1 Year	20	1	35	65	482	452	442	
1/2 Year or Less	11	0	18	82	416	420	425	
No Response	288		48	52	510	486	490	
AP®/Honors Courses	1,591	59	41	59	549	535	534	
<b>Course Work or Experience</b>								
English/Language Arts	2,528	98	45	55	514	502	498	
Journalism	267	10	28	72	527	497	518	
Creative Writing	544	21	39	61	525	494	508	
American Literature	1,509	59	43	57	519	504	503	
Composition/Writing	1,162	45	44	56	513	498	498	
British Literature	611	24	43	57	532	509	510	
World Literature	791	31	46	54	514	496	496	
Communications	321	12	42	58	511	495	499	
Public Speaking	514	20	40	60	523	498	510	
English As Second Language	79	3	47	53	460	482	470	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	921	34	50	50	541	553	528	
4 Years	1,497	55	44	56	503	477	485	
3 Years	240	9	40	60	487	466	463	
2 Years	27	1	48	52	526	500	520	
1 Year	14	1	43	57	483	462	454	
1/2 Year or Less	16	1	19	81	414	409	418	
No Response	278		49	51	512	491	491	
AP/Honors Courses	1,145	42	48	52	559	567	546	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	661	25	53	47	570	590	558	
Pre-calculus	722	27	45	55	526	521	512	
Trigonometry	643	24	41	59	493	467	476	
Algebra II	573	21	41	59	469	430	447	
Algebra I	50	2	34	66	428	386	395	

\*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

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

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	545	20	46	54	535	541	520	
4 Years	1,612	60	45	55	516	499	499	
3 Years	395	15	43	57	487	469	471	
2 Years	75	3	52	48	517	503	499	
1 Year	45	2	38	62	499	483	463	
1/2 Year or Less	25	1	44	56	436	429	426	
No Response	296		50	50	509	488	488	
AP/Honors Courses	1,132	42	44	56	556	551	542	
<b>Course Work or Experience</b>								
Biology	2,529	97	44	56	515	502	499	
Chemistry	2,203	84	45	55	521	511	505	
Physics	865	33	58	42	542	552	524	
Geology, Earth, or Space Science	1,462	56	44	56	504	488	487	
Other Sciences	1,620	62	41	59	513	498	497	

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	373	14	48	52	530	526	515	
4 Years	1,892	70	46	54	516	502	499	
3 Years	332	12	41	59	496	487	478	
2 Years	59	2	51	49	519	507	504	
1 Year	23	1	43	57	471	450	459	
1/2 Year or Less	21	1	19	81	434	422	432	
No Response	293		48	52	508	487	488	
AP/Honors Courses	1,268	47	44	56	553	539	538	
<b>Course Work or Experience</b>								
U.S. History	2,496	97	45	55	515	503	499	
World History or Cultures	2,316	90	45	55	517	505	501	
U.S. Government or Civics	1,884	73	44	56	511	497	494	
Economics	282	11	47	53	520	497	500	
Geography	550	21	46	54	508	490	491	
Psychology	760	29	35	65	530	508	515	
European History	384	15	46	54	521	502	499	
Sociology	387	15	40	60	512	494	497	
Ancient History	509	20	46	54	516	499	495	
Other Courses	481	19	44	56	508	495	495	

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

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	137	5	43	57	574	565	558
4 Years	405	15	40	60	561	545	550
3 Years	551	20	44	56	533	521	515
2 Years	1,430	53	48	52	495	483	477
1 Year	125	5	46	54	477	468	463
1/2 Year or Less	60	2	30	70	445	425	437
No Response	285		49	51	509	487	488
AP/Honors Courses	315	12	40	60	577	566	565
<b>Course Work or Experience</b>							
Chinese	32	1	50	50	545	528	515
French	447	17	38	62	524	502	506
German	82	3	46	54	528	510	500
Greek	5	0	60	40	558	544	524
Hebrew	1	0	100	0			
Italian	4	0	50	50			
Japanese	19	1	42	58	537	506	503
Korean	1	0	100	0			
Latin	150	6	42	58	550	524	531
Russian	6	0	33	67	553	543	537
Spanish	1,963	75	46	54	513	503	498
Other Languages	29	1	48	52	484	521	470

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

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	264	10	34	66	531	509	517
4 Years	458	17	39	61	536	505	518
3 Years	301	11	39	61	511	496	496
2 Years	654	24	47	53	496	491	481
1 Year	845	31	54	46	512	507	493
1/2 Year or Less	174	6	41	59	513	502	501
No Response	297		49	51	514	495	494
AP/Honors Courses	141	5	31	69	561	539	545
<b>Course Work or Experience</b>							
Acting or Play Production	429	17	34	66	556	519	537
Art History or Appreciation	597	24	48	52	509	500	491
Dance	321	13	14	86	500	482	500
Drama: Study or Appreciation	357	14	32	68	529	491	512
Music: Study or Appreciation	435	17	50	50	536	512	519
Music Performance	1,102	44	40	60	537	518	522
Photography or Film	344	14	36	64	507	484	494
Studio Art and Design	440	17	39	61	521	505	506
None	333	13	54	46	478	481	463

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,472	59	46	54	517	504	498
Computer Programming	327	13	64	36	514	524	499
Word Processing	1,390	56	44	56	519	506	503
Internet Activity	951	38	45	55	520	504	503
Using Computer Graphics	642	26	50	50	514	505	496
Creating Spreadsheets/Databases	766	31	44	56	518	509	502
None	492	20	42	58	523	505	507

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

## SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
236	606	213	645	640	632

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	8
2	102	43
3	90	38
4 or More	26	11

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
<b>English</b>											
Literature	102	643	91	93	657	68	618	85	652	79	
<b>History and Social Studies</b>											
U.S. History	87	637	88	77	651	71	625	94	636	77	
World History	16	638		12	669		646		648		
<b>Mathematics</b>											
Mathematics Level 1	107	621	86	95	634	90	633	76	625	96	
Mathematics Level 2	107	669	95	101	644	79	679	77	637	83	
<b>Science</b>											
Biology-E	21	662		18	669		681		654		
Biology-M	41	660	80	40	664	64	643	94	649	74	
Chemistry	64	660	110	63	653	81	687	81	645	79	
Physics	33	639	108	31	638	92	680	86	625	96	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	2			2							
French	1			1							
French/Listening	1			1							
German											
German/Listening	1			1							
Modern Hebrew											
Italian											
Japanese/Listening	1			1							
Korean/Listening	2			2							
Latin	11	523		9	667		621		653		
Spanish	6	585		6	683		652		677		
Spanish/Listening	3			2							

## SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	12	12	12	14	3	19
700-740	20	20	11	13	1	6
650-690	23	23	20	23	3	19
600-640	24	24	16	18	4	25
550-590	11	11	13	15	4	25
500-540	6	6	8	9		
450-490	1	1	6	7		
400-440	2	2	1	1	1	6
350-390	1	1				
300-340	2	2				
250-290						
200-240						
Total	102		87		16	
Mean	643		637		638	
SD	91		88			
75th percentile	700		700			
50th percentile	650		640			
25th percentile	600		570			

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	7	7	32	30	5	24	7	17	15	23	6	18
700-740	20	19	12	11	2	10	6	15	12	19	5	15
650-690	15	14	15	14	6	29	12	29	14	22	5	15
600-640	22	21	23	21	5	24	8	20	7	11	7	21
550-590	27	25	16	15	2	10	5	12	6	9	3	9
500-540	7	7	5	5			1	2	3	5	4	12
450-490	6	6	3	3			2	5	3	5	1	3
400-440	2	2			1	5			2	3	1	3
350-390	1	1	1	1					2	3	1	3
300-340												
250-290												
200-240												
Total	107		107		21		41		64		33	
Mean	621		669		662		660		660		639	
SD	86		95				80		110		108	
75th percentile	690		760		710		700		740		700	
50th percentile	620		650		650		660		670		640	
25th percentile	560		600		610		620		590		550	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	50	1	100	1	100						
700-740												
650-690	1	50										
600-640												
550-590												
500-540												
450-490												
400-440												
350-390									1	100		
300-340												
250-290												
200-240												
Total	2		1		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					2	100					1	33
700-740							1	9	1	17		
650-690							1	9	2	33	1	33
600-640							1	9	1	17		
550-590			1	100								
500-540							3	27			1	33
450-490							2	18	1	17		
400-440							3	27	1	17		
350-390												
300-340												
250-290												
200-240												
Total			1		2		11		6		3	
Mean							523		585			
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	24	1	489	454	454
Architecture and Related Services	34	1	513	557	507
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	141	5	562	554	539
Business Management, Marketing, and Related Support Services	182	7	484	492	473
Communication, Journalism and Related Programs	74	3	544	488	538
Computer and Information Sciences and Support Services	78	3	545	549	508
Construction Trades					
Education	178	7	488	459	475
Engineering	240	9	544	580	518
Engineering Technologies/Technicians	31	1	494	532	463
English Language and Literature/Letters	30	1	606	549	579
Family and Consumer Sciences/Human Sciences	6	0	493	462	485
Foreign Languages, Literatures, and Linguistics	15	1	549	507	526
Health Professions and Related Clinical Services	736	28	502	497	496
History	32	1	584	491	534
Legal Professions and Studies	88	3	532	494	508
Liberal Arts and Sciences, General Studies, and Humanities	16	1	540	468	518
Library Science And Administration	2	0			
Mathematics and Statistics	22	1	558	613	558
Mechanic and Repair Technologies/Technician	7	0	391	420	341
Military Technologies And Applied Sciences	6	0	445	438	450
Multi/Interdisciplinary Studies					
Natural Resources and Conservation	12	0	479	452	463
Parks, Recreation, Leisure and Fitness Studies	15	1	471	452	441
Personal and Culinary Services	15	1	464	418	412
Philosophy and Religious Studies	10	0	643	548	623
Physical Sciences	43	2	591	620	570
Precision Production					
Psychology	106	4	526	484	513
Public Administration and Social Services Professions	8	0	484	448	478
Security and Protective Services	60	2	478	441	438
Social Sciences	40	2	596	534	571
Theology and Religious Vocations	9	0	546	542	512
Transportation and Materials Moving					
Visual and Performing Arts	179	7	528	476	509
Other	59	2	482	456	457
Undecided	144	5	529	509	505
<b>Degree-Level Goal</b>					
Certificate Program	25	1	459	464	437
Associate Degree	34	1	427	403	418
Bachelor's Degree	825	29	482	464	463
Master's Degree	833	29	513	505	497
Doctoral or Related Degree	807	28	552	544	540
Other	15	1	503	502	470
Undecided	296	10	513	489	490

## College Plans

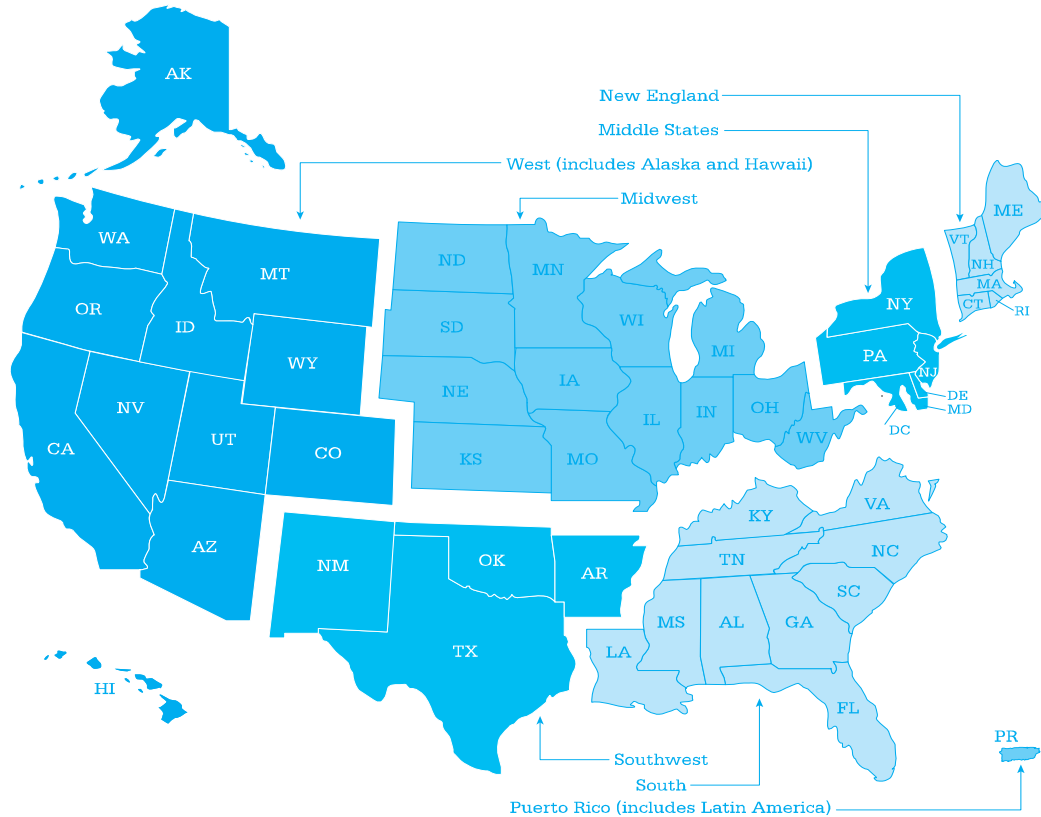
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 3,016 students from your state who took the SAT and/or an SAT Subject Test, 1,796 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 731 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	874	48.7
MARSHALL UNIVERSITY	WV	Public	451	25.1
SHEPHERD UNIVERSITY	WV	Public	276	15.4
FAIRMONT STATE UNIVERSITY	WV	Public	158	8.8
NCAA ELIGIBILITY CENTER	IN	Public	151	8.4
WEST LIBERTY STATE COLLEGE	WV	Public	121	6.7
WEST VIRGINIA WESLEYAN COLLEGE	WV	Private	118	6.6
CONCORD UNIVERSITY	WV	Public	115	6.4
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	83	4.6
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	81	4.5
DUKE UNIVERSITY	NC	Private	81	4.5
UNIVERSITY OF VIRGINIA	VA	Public	79	4.4
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	78	4.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	77	4.3
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	71	4.0
WHEELING JESUIT UNIVERSITY	WV	Private	70	3.9
PENNSYLVANIA STATE UNIVERSITY	PA	Public	70	3.9
PRINCETON UNIVERSITY	NJ	Private	65	3.6
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	64	3.6
CARNEGIE MELLON UNIVERSITY	PA	Private	62	3.5
YALE UNIVERSITY	CT	Private	61	3.4
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	61	3.4
POTOMAC STATE COLLEGE	WV	Public	57	3.2
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	56	3.1
WASHINGTON AND LEE UNIVERSITY	VA	Private	55	3.1
UNIVERSITY OF CHARLESTON	WV	Private	53	3.0
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	50	2.8
BETHANY COLLEGE WEST VIRGINIA	WV	Private	47	2.6
WEST VIRGINIA STATE UNIVERSITY	WV	Public	46	2.6
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	45	2.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	45	2.5
OHIO UNIVERSITY ATHENS	OH	Public	45	2.5
NEW YORK UNIVERSITY	NY	Private	44	2.4
JAMES MADISON UNIVERSITY	VA	Public	44	2.4
WEST VIRGINIA UNIVERSITY INSTITUTE OF TE	WV	Public	43	2.4
BROWN UNIVERSITY	RI	Private	43	2.4
ALDERSON-BROADDUS COLLEGE	WV	Private	40	2.2
WAKE FOREST UNIVERSITY	NC	Private	38	2.1
STANFORD UNIVERSITY	CA	Private	37	2.1
CORNELL UNIVERSITY	NY	Private	35	1.9
COLLEGE OF WILLIAM AND MARY	VA	Public	34	1.9
VANDERBILT UNIVERSITY	TN	Private	33	1.8
BOSTON UNIVERSITY	MA	Private	33	1.8
GEORGETOWN UNIVERSITY	DC	Private	33	1.8
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	32	1.8

\*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.

## Areas Served by College Board Regional Offices



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### Puerto Rico and Latin America Office

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San Juan, PR 00936-8001  
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787-764-4306 (Fax - Director's office)

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