



2012 College-Bound Seniors

State Profile Report



WEST VIRGINIA

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

DATA EMBARGO IN EFFECT *This report contains information on college-bound students in the class of 2012 who took the SAT[®] or SAT Subject Tests[™] at any time during high school. Data and other information in this report should not be released to the public before 11 a.m. EDT on Monday, September 24, 2012.*

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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 2012 includes students who tested through June 2012.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2012 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 website at 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.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT[®] and the Advanced Placement Program[®] (AP[®]). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2012

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	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
2012	498	493	496	532	499	514	481	494	488

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 2000–2012, 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 www.collegeboard.org/sat-reports-2012.

Table of Contents

SAT®

SAT Data	Page 1
----------	--------

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
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: 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: 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 Test Takers and for Students Who Also Took the SAT

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
---	---------

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

Data in this report are for high school graduates in the year 2012. Information is summarized for seniors who took the SAT at any time during their high school years through June 2012. 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	2,872	516	102	502	106	497	101	50.7	10.3	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	1,278	519	105	525	109	488	105	50.3	10.7	6.7	1.6
Female	1,594	514	99	484	100	503	97	51.0	10.0	7.1	1.3

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 (2011-2012)	1,998	507	101	492	103	487	100	49.7	10.2	6.8	1.5
Junior (2010-2011)	854	537	100	526	108	518	99	52.9	10.2	7.1	1.4
Sophomore (2009-2010)	17	531		552		511		52.5		6.9	
Freshman (2008-2009)	3										
Total	2,872	516	102	502	106	497	101	50.7	10.3	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	1,664,479	496	114	514	117	488	114	48.9	11.5	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 2012 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	500	490	490	510	480
25th	450	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.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	62	64	126	86	42	128	41	48	89
600-690	237	250	487	266	187	453	161	233	394
500-590	456	578	1,034	420	474	894	376	514	890
400-490	381	535	916	362	594	956	466	602	1,068
300-390	124	150	274	121	268	389	209	175	384
200-290	18	17	35	23	29	52	25	22	47

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,364	86	44	56	514	500	493
Religiously Affiliated	269	10	50	50	540	530	526
Independent	104	4	48	52	540	525	519
Other or Unknown	135		42	58	498	469	485

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	157	5	487	113	476	105	462	103
Nonstandard Conditions	20	1	527		518		512	

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	7	0	501		454		464	
Asian, Asian American, or Pacific Islander	107	4	532	122	593	112	535	144
Black or African American	165	6	447	104	428	93	430	92
Mexican or Mexican American	23	1	487		480		477	
Puerto Rican	5	0	452		548		398	
Other Hispanic, Latino, or Latin American	43	1	513	87	512	93	488	99
White	2,430	85	520	98	504	103	499	96
Other	60	2	560	118	526	128	530	120
No Response	32	1	510	107	470	98	474	97
Total	2,872	100	516	102	502	106	497	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	3	0						
Asian, Asian American, or Pacific Islander	54	2	533	122	610	110	530	151
Black or African American	76	3	429	101	434	107	409	89
Mexican or Mexican American	8	0	495		478		445	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	15	1	531		548		487	
White	1,076	37	524	101	528	104	493	99
Other	27	1	556	127	551	132	512	141
No Response	16	1	494		466		445	
Total	1,278	44	519	105	525	109	488	105

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	4	0						
Asian, Asian American, or Pacific Islander	53	2	531	121	576	110	540	135
Black or African American	89	3	463	104	423	78	449	90
Mexican or Mexican American	15	1	483		481		494	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	28	1	503	99	492	100	488	106
White	1,354	47	516	96	484	97	505	94
Other	33	1	563	111	505	122	544	97
No Response	16	1	526		474		504	
Total	1,594	56	514	99	484	100	503	97

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	2,872	100	516	102	502	106	497	101
First Language Learned								
English	2,628	92	517	101	500	104	497	98
English and Another	149	5	510	99	522	114	496	114
Another Language	76	3	497	121	571	134	498	144
No Response	19		536		487		491	
Citizenship								
U.S. Citizen / U.S. National	2,739	98	518	100	502	104	497	99
U.S. Permanent Resident or Refugee	24	1	485		490		467	
Citizen of Another Country	44	2	476	121	578	131	481	144
Other, Unknown, or No Response	65		493	113	462	109	481	120
Plans to Apply for Financial Aid								
Yes	2,085	79	516	102	500	105	495	101
No	152	6	516	93	519	107	500	96
Don't Know	406	15	515	101	511	106	502	103
No Response	229		521	103	502	107	501	100
Family Income								
\$0 - \$20,000	138	8	474	99	459	105	453	97
\$20,000–\$40,000	266	15	497	98	479	99	471	93
\$40,000–\$60,000	278	15	497	94	472	93	473	96
\$60,000–\$80,000	280	15	508	105	488	97	482	102
\$80,000–\$100,000	245	14	502	100	502	99	483	92
\$100,000–\$120,000	206	11	516	100	509	104	498	101
\$120,000–\$140,000	106	6	533	104	524	107	515	90
\$140,000–\$160,000	76	4	545	103	518	102	521	99
\$160,000–\$200,000	78	4	526	104	508	111	509	107
More than \$200,000	138	8	562	92	561	100	551	96
No Response	1,061		527	100	513	109	510	101
Highest Level of Parental Education								
No High School Diploma	33	1	465	96	458	102	429	95
High School Diploma	788	28	482	95	463	94	463	90
Associate Degree	240	9	499	89	481	97	471	86
Bachelor's Degree	905	33	520	96	507	102	501	96
Graduate Degree	800	29	557	104	549	107	540	105
No Response	106		489	84	467	91	463	83
Took the PSAT/NMSQT®								
Yes, As a Junior	699	26	526	98	507	104	503	99
Yes, As a Sophomore or Younger	670	25	518	93	503	96	501	90
Yes, As a Junior and As a Sophomore or Younger	543	20	572	98	566	102	558	96
No	807	30	472	93	459	97	449	89
No Response	153		501	100	483	100	480	100

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	696	46	44	56	576	578	562
Second Tenth	409	27	45	55	506	498	495
Second Fifth	202	13	51	49	488	458	460
Final Three Fifths	193	13	52	48	439	429	412
No Response	1,372		42	58	504	483	481

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)	544	20	36	64	581	575	568
A (93–96)	902	32	42	58	536	527	521
A- (90–92)	493	18	48	52	503	485	480
B (80–89)	720	26	49	51	472	449	445
C (70–79)	118	4	61	39	418	400	395
D, E, or F (below 70)	7	0	71	29	351	381	383
No Response	88		49	51	494	480	465
Mean Grade Point Average	All Students: 3.69		Male: 3.61		Female: 3.75		

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	2.2	2.5	2.4	3.80	3.92	3.87
English and Language Arts	4.0	4.0	4.0	3.50	3.75	3.64
Foreign and Classical Languages	2.5	2.7	2.6	3.40	3.63	3.53
Mathematics	4.2	4.2	4.2	3.43	3.42	3.42
Natural Sciences	3.9	4.0	3.9	3.49	3.57	3.54
Social Sciences and History	3.9	4.0	3.9	3.65	3.72	3.69
Total for All Subjects	20.7	21.4	21.0			

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 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	360	14	45	55	529	517	510	
4 Years	1,827	73	44	56	519	506	500	
3 Years	251	10	39	61	503	480	478	
2 Years	36	1	53	47	472	473	457	
1 Year	23	1	39	61	390	399	384	
1/2 Year or Less	18	1	61	39	495	508	472	
No Response	357		49	51	511	497	490	
AP®/Honors Courses	1,518	60	39	61	551	532	532	
Course Work or Experience								
English/Language Arts	2,341	98	43	57	518	502	498	
Journalism	236	10	31	69	526	490	510	
Creative Writing	439	18	38	62	523	490	503	
American Literature	1,310	55	45	55	522	506	503	
Composition/Writing	1,040	44	43	57	513	498	495	
British Literature	492	21	47	53	535	513	512	
World Literature	629	26	46	54	523	504	502	
Communications	275	12	41	59	508	493	487	
Public Speaking	449	19	40	60	529	503	506	
English As Second Language	83	3	46	54	456	493	448	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	933	37	44	56	542	547	525	
4 Years	1,308	52	44	56	506	482	486	
3 Years	213	8	40	60	491	460	465	
2 Years	23	1	48	52	463	474	445	
1 Year	13	1	38	62	399	401	385	
1/2 Year or Less	20	1	60	40	489	479	456	
No Response	362		49	51	510	495	490	
AP/Honors Courses	1,151	46	45	55	557	560	541	
Highest Level of Mathematics Achieved*								
Calculus	618	25	52	48	572	592	556	
Pre-calculus	626	25	40	60	528	519	514	
Geometry	1,185	48	42	58	484	450	459	
Algebra II	25	1	36	64	458	465	463	
Algebra I	5	0	60	40	394	396	396	

*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	558	22	42	58	545	546	525	
4 Years	1,458	58	45	55	516	499	497	
3 Years	363	15	41	59	491	466	467	
2 Years	53	2	51	49	505	498	487	
1 Year	30	1	60	40	480	481	452	
1/2 Year or Less	34	1	47	53	478	461	452	
No Response	376		49	51	507	494	489	
AP/Honors Courses	1,114	45	43	57	556	551	539	
Course Work or Experience								
Biology	2,365	98	44	56	518	503	498	
Chemistry	2,141	89	43	57	521	508	502	
Physics	858	36	55	45	541	545	520	
Geology, Earth, or Space Science	1,294	54	45	55	508	491	485	
Other Sciences	1,491	62	40	60	516	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	390	16	42	58	539	526	514	
4 Years	1,729	69	44	56	518	504	499	
3 Years	300	12	40	60	503	482	482	
2 Years	39	2	51	49	476	467	458	
1 Year	27	1	48	52	431	431	417	
1/2 Year or Less	19	1	58	42	487	504	460	
No Response	368		50	50	509	495	489	
AP/Honors Courses	1,268	51	42	58	553	538	534	
Course Work or Experience								
U.S. History	2,302	97	44	56	518	503	498	
World History or Cultures	2,120	89	44	56	520	505	500	
U.S. Government or Civics	1,769	74	43	57	513	496	491	
Economics	255	11	48	52	522	509	496	
Geography	500	21	47	53	504	496	482	
Psychology	738	31	35	65	531	505	510	
European History	327	14	50	50	522	505	499	
Sociology	317	13	40	60	511	489	485	
Ancient History	376	16	45	55	518	498	491	
Other Courses	435	18	40	60	506	492	486	

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	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	165	7	35	65	573	560	563
4 Years	374	15	42	58	566	546	551
3 Years	519	21	40	60	542	520	517
2 Years	1,265	50	46	54	493	483	472
1 Year	114	5	46	54	466	467	454
1/2 Year or Less	68	3	57	43	460	452	443
No Response	367		49	51	508	495	489
AP/Honors Courses	344	14	40	60	573	565	567
Course Work or Experience							
Chinese	30	1	43	57	523	542	493
French	456	19	39	61	531	509	509
German	90	4	57	43	543	524	513
Greek	3	0	67	33			
Hebrew	2	0	0	100			
Italian	13	1	54	46	535	519	491
Japanese	12	0	50	50	494	486	493
Korean	3	0	67	33			
Latin	136	6	47	53	564	535	532
Russian	7	0	29	71	473	486	480
Spanish	1,773	73	43	57	514	501	496
Other Languages	26	1	35	65	466	480	444

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

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	242	10	37	63	543	514	523	
4 Years	473	19	36	64	532	510	515	
3 Years	302	12	40	60	515	493	492	
2 Years	589	24	47	53	506	495	487	
1 Year	711	29	49	51	512	505	490	
1/2 Year or Less	166	7	54	46	506	510	489	
No Response	389		48	52	511	496	491	
AP/Honors Courses	188	8	41	59	577	561	564	
Course Work or Experience								
Acting or Play Production	426	18	32	68	541	506	526	
Art History or Appreciation	593	25	47	53	512	499	491	
Dance	274	12	17	83	515	492	501	
Drama: Study or Appreciation	350	15	29	71	524	491	504	
Music: Study or Appreciation	433	19	48	52	530	507	506	
Music Performance	1,007	43	39	61	536	516	520	
Photography or Film	321	14	31	69	515	489	493	
Studio Art and Design	472	20	39	61	535	508	509	
None	290	12	58	42	484	481	466	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	1,318	58	44	56	521	505	500
Computer Programming	319	14	61	39	522	515	502
Word Processing	1,262	56	43	57	523	506	502
Internet Activity	915	40	46	54	525	505	502
Using Computer Graphics	611	27	48	52	527	507	500
Creating Spreadsheets/Databases	714	31	46	54	527	510	507
None	479	21	39	61	511	501	493

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
243	592	222	638	648	625

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	26	11
2	114	47
3	86	35
4 or More	17	7

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		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	86	631	96	81	660	78	614	72	639	79	
History and Social Studies											
U.S. History	91	668	88	85	662	77	639	86	641	84	
World History	13	662		13	682		667		675		
Mathematics											
Mathematics Level 1	95	644	73	87	617	94	649	70	613	100	
Mathematics Level 2	102	671	91	97	640	87	693	65	636	95	
Science											
Biology-E	29	656	90	26	634	84	661	84	645	92	
Biology-M	37	660	76	36	641	73	670	75	636	86	
Chemistry	77	663	98	72	639	85	679	65	636	96	
Physics	33	672	93	29	651	79	707	66	646	84	
Foreign and Classical Languages											
Chinese/Listening	2			2							
French	3			3							
French/Listening	2			1							
German	1			1							
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	1			1							
Latin	11	487		9	673		634		650		
Spanish	8	565		8	618		620		626		
Spanish/Listening	1			1							

SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	10	12	18	20	3	23
700-740	15	17	25	27	1	8
650-690	14	16	14	15	5	38
600-640	22	26	16	18	1	8
550-590	12	14	9	10	2	15
500-540	5	6	5	5	1	8
450-490	3	3	1	1		
400-440	2	2	2	2		
350-390	3	3	1	1		
300-340						
250-290						
200-240						
Total	86		91		13	
Mean	631		668		662	
SD	96		88			
75th percentile	700		730			
50th percentile	630		690			
25th percentile	570		600			

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	5	5	25	25	4	14	3	8	19	25	10	30
700-740	18	19	16	16	7	24	13	35	15	19	4	12
650-690	28	29	20	20	4	14	6	16	12	16	7	21
600-640	23	24	16	16	7	24	6	16	12	16	3	9
550-590	9	9	14	14	4	14	5	14	10	13	6	18
500-540	8	8	9	9	2	7	4	11	5	6	3	9
450-490	4	4	2	2					2	3		
400-440					1	3			2	3		
350-390												
300-340												
250-290												
200-240												
Total	95		102		29		37		77		33	
Mean	644		671		656		660		663		672	
SD	73		91		90		76		98		93	
75th percentile	690		740		720		710		730		750	
50th percentile	650		680		640		680		670		680	
25th percentile	600		590		590		590		590		580	

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	2	100	1	33								
700-740			2	67								
650-690												
600-640					1	50						
550-590												
500-540												
450-490							1	100				
400-440												
350-390					1	50						
300-340												
250-290												
200-240												
Total	2		3		2		1					
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800					1	100						
700-740							1	9	2	25		
650-690									1	13		
600-640									1	13		
550-590												
500-540							2	18	2	25	1	100
450-490							5	45				
400-440							2	18	2	25		
350-390							1	9				
300-340												
250-290												
200-240												
Total					1		11		8		1	
Mean							487		565			
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	483	473	456
Architecture and Related Services	33	1	519	535	491
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	183	7	545	536	522
Business Management, Marketing, and Related Support Services	208	8	492	489	471
Communication, Journalism and Related Programs	62	2	522	480	506
Computer and Information Sciences and Support Services	57	2	516	520	479
Construction Trades	1	0			
Education	168	7	491	471	474
Engineering	261	10	548	584	523
Engineering Technologies/Technicians	26	1	471	522	458
English Language and Literature/Letters	40	2	612	527	575
Family and Consumer Sciences/Human Sciences	9	0	463	451	460
Foreign Languages, Literatures, and Linguistics	24	1	555	496	554
Health Professions and Related Clinical Services	669	26	502	493	496
History	33	1	575	525	512
Legal Professions and Studies	87	3	531	508	511
Liberal Arts and Sciences, General Studies, and Humanities	18	1	538	486	499
Library Science And Administration	1	0			
Mathematics and Statistics	11	0	522	560	510
Mechanic and Repair Technologies/Technician	4	0			
Military Technologies And Applied Sciences	11	0	501	485	489
Multi/Interdisciplinary Studies	8	0	644	631	638
Natural Resources and Conservation	15	1	463	422	433
Parks, Recreation, Leisure and Fitness Studies	19	1	482	469	446
Personal and Culinary Services	6	0	520	485	490
Philosophy and Religious Studies	6	0	615	558	625
Physical Sciences	40	2	553	555	523
Precision Production					
Psychology	101	4	535	477	501
Public Administration and Social Services Professions	9	0	470	452	449
Security and Protective Services	54	2	466	457	436
Social Sciences	47	2	590	532	553
Theology and Religious Vocations	4	0			
Transportation and Materials Moving					
Visual and Performing Arts	166	7	556	501	525
Other	32	1	477	454	457
Undecided	113	4	550	537	535
Degree-Level Goal					
Certificate Program	12	0	418	419	401
Associate Degree	40	2	439	418	409
Bachelor's Degree	796	30	488	470	468
Master's Degree	777	29	517	504	496
Doctoral or Related Degree	748	28	550	540	533
Other	8	0	504	486	474
Undecided	282	11	518	504	497

College Plans

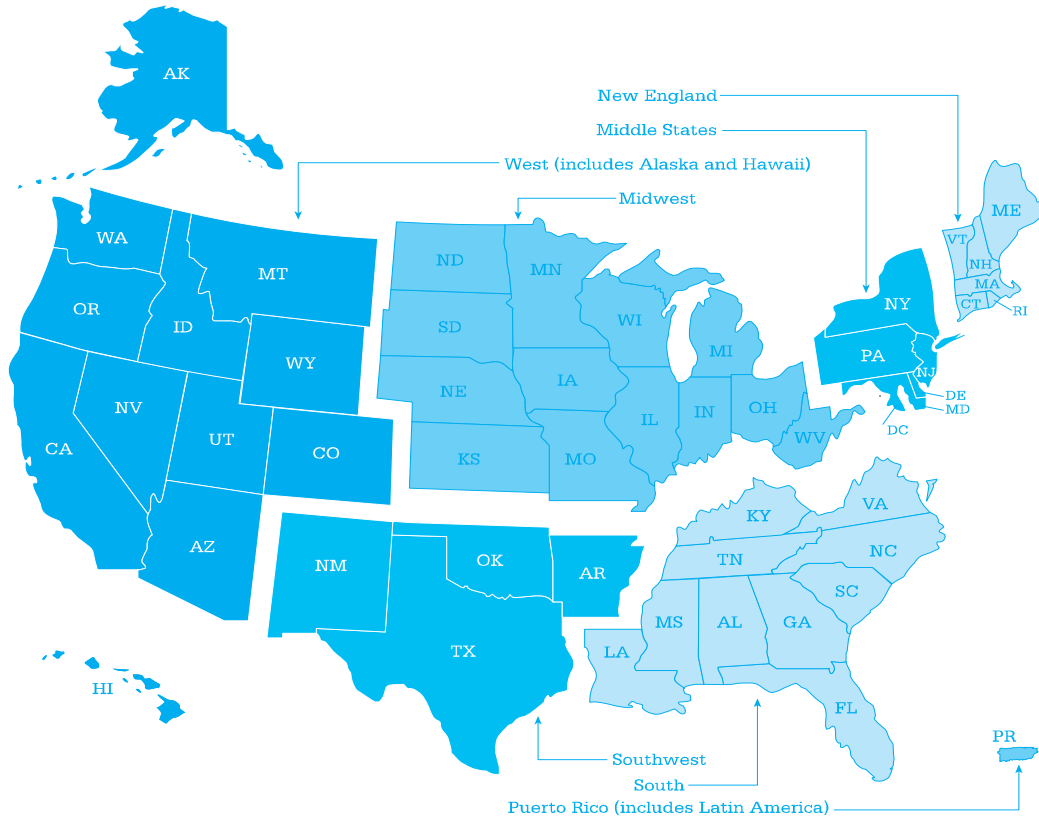
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 2,893 students from your state who took the SAT and/or an SAT Subject Test, 1,761 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 712 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	835	47.4
MARSHALL UNIVERSITY	WV	Public	408	23.2
SHEPHERD UNIVERSITY	WV	Public	264	15.0
FAIRMONT STATE UNIVERSITY	WV	Public	160	9.1
NCAA ELIGIBILITY CENTER	IN	Public	134	7.6
WEST VIRGINIA WESLEYAN COLLEGE	WV	Private	114	6.5
WEST LIBERTY STATE COLLEGE	WV	Public	104	5.9
UNIVERSITY OF VIRGINIA	VA	Public	97	5.5
CONCORD UNIVERSITY	WV	Public	95	5.4
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	81	4.6
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	78	4.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	77	4.4
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	77	4.4
PENNSYLVANIA STATE UNIVERSITY	PA	Public	73	4.1
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	72	4.1
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	72	4.1
DUKE UNIVERSITY	NC	Private	67	3.8
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	66	3.7
WHEELING JESUIT UNIVERSITY	WV	Private	60	3.4
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	59	3.4
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	56	3.2
CORNELL UNIVERSITY	NY	Private	56	3.2
CARNEGIE MELLON UNIVERSITY	PA	Private	55	3.1
UNIVERSITY OF CHARLESTON	WV	Private	51	2.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	49	2.8
ALDERSON-BROADDUS COLLEGE	WV	Private	49	2.8
NEW YORK UNIVERSITY	NY	Private	48	2.7
WEST VIRGINIA STATE UNIVERSITY	WV	Public	47	2.7
POTOMAC STATE COLLEGE	WV	Public	46	2.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	46	2.6
BROWN UNIVERSITY	RI	Private	46	2.6
YALE UNIVERSITY	CT	Private	45	2.6
VANDERBILT UNIVERSITY	TN	Private	45	2.6
PRINCETON UNIVERSITY	NJ	Private	44	2.5
WASHINGTON AND LEE UNIVERSITY	VA	Private	42	2.4
WEST VIRGINIA UNIVERSITY INSTITUTE OF TE	WV	Public	41	2.3
OHIO UNIVERSITY ATHENS	OH	Public	41	2.3
STANFORD UNIVERSITY	CA	Private	41	2.3
CLEMSON UNIVERSITY	SC	Public	38	2.2
BETHANY COLLEGE WEST VIRGINIA	WV	Private	37	2.1
DAVIS AND ELKINS COLLEGE	WV	Private	36	2.0
BOSTON UNIVERSITY	MA	Private	36	2.0
GLENVILLE STATE COLLEGE	WV	Public	36	2.0
GEORGETOWN UNIVERSITY	DC	Private	35	2.0
XAVIER UNIVERSITY	OH	Private	34	1.9

*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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