

SAT[®]

2014 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 2014 who took the SAT[®] or SAT Subject Tests[™] at any time during high school. **Data and other information in this report are embargoed from dissemination to the media and general public until Oct. 7, 2014 when the College Board will make state and total group-level data and information publicly available.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College Board national press conference, please contact the College Board communications department at communications@collegeboard.org.*

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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 2014 includes students who tested through June 2014.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2014 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, 1972–2014

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
2013	499	494	496	531	499	514	482	493	488
2014	499	495	497	530	499	513	481	492	487

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 2000–2014, 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/cbs.

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SAT[®] Data

Data in this report are for high school graduates in the year 2014. Information is summarized for seniors who took the SAT at any time during their high school years through June 2014. 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	2,552	517	103	505	106	500	100	50.8	10.4	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	1,092	522	109	530	110	497	107	50.9	10.9	6.7	1.5
Female	1,460	512	98	486	98	502	95	50.8	9.9	7.0	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2013-2014)	1,831	505	100	493	103	487	95	49.5	9.9	6.8	1.4
Junior (2012-2013)	708	549	103	536	105	533	104	54.3	10.7	7.1	1.5
Sophomore (2011-2012)	10	471		498		452		46.7		6.6	
Freshman (2010-2011)	3										
Total	2,552	517	103	505	106	500	100	50.8	10.4	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	1,672,395	497	115	513	120	487	115	48.9	11.6	7.0	1.7

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2014 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	590	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	67	46	113	82	41	123	50	48	98
600-690	213	230	443	227	156	383	139	181	320
500-590	366	530	896	361	426	787	325	493	818
400-490	312	503	815	313	599	912	406	552	958
300-390	114	140	254	102	215	317	153	174	327
200-290	20	11	31	7	23	30	19	12	31

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,164	88	43	57	515	503	497
Religiously Affiliated	210	9	47	53	529	524	518
Independent	91	4	43	57	521	521	518
Other or Unknown	87		39	61	535	482	508

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	117	5	509	107	496	113	480	95
Nonstandard Conditions	24	1	508		527		484	

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	14	1	505		469		489	
Asian, Asian American, or Pacific Islander	123	5	553	124	598	127	560	134
Black or African American	154	6	455	90	441	86	440	82
Mexican or Mexican American	12	0	468		443		444	
Puerto Rican	12	0	503		420		478	
Other Hispanic, Latino, or Latin American	30	1	489	83	450	76	488	77
White	2,133	84	520	100	506	101	502	96
Other	49	2	524	123	509	120	503	130
No Response	25	1	496	109	457	116	473	108
Total	2,552	100	517	103	505	106	500	100

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	4	0						
Asian, Asian American, or Pacific Islander	61	2	556	122	622	108	559	136
Black or African American	76	3	447	99	440	93	428	85
Mexican or Mexican American	6	0	432		430		418	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	10	0	517		514		507	
White	904	35	528	105	534	104	500	102
Other	15	1	520		530		489	
No Response	13	1	498		453		462	
Total	1,092	43	522	109	530	110	497	107

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	507		446		503	
Asian, Asian American, or Pacific Islander	62	2	550	126	574	138	561	132
Black or African American	78	3	463	80	441	78	452	77
Mexican or Mexican American	6	0	503		455		470	
Puerto Rican	9	0	529		440		499	
Other Hispanic, Latino, or Latin American	20	1	475		418		478	
White	1,229	48	514	95	486	93	503	91
Other	34	1	526	117	500	126	509	129
No Response	12	0	493		462		484	
Total	1,460	57	512	98	486	98	502	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	2,552	100	517	103	505	106	500	100
First Language Learned								
English	2,320	92	517	101	503	102	499	97
English and Another	131	5	519	105	518	124	516	120
Another Language	76	3	490	140	547	151	493	147
No Response	25		518	97	478	126	498	98
Citizenship								
U.S. Citizen / U.S. National	2,419	97	519	102	505	104	501	99
U.S. Permanent Resident or Refugee	33	1	479	126	498	122	467	115
Citizen of Another Country	32	1	501	125	606	128	527	144
Other, Unknown, or No Response	68		473	91	455	99	457	91
Plans to Apply for Financial Aid								
Yes	1,896	79	516	104	502	105	498	99
No	138	6	504	93	503	99	500	95
Don't Know	370	15	532	102	528	108	512	103
No Response	148		501	100	481	103	487	108
Family Income								
\$0 - \$20,000	139	7	473	87	454	88	455	83
\$20,000–\$40,000	272	14	486	105	466	97	463	97
\$40,000–\$60,000	302	15	514	98	494	97	489	94
\$60,000–\$80,000	299	15	511	99	494	100	491	93
\$80,000–\$100,000	295	15	522	103	511	104	506	96
\$100,000–\$120,000	242	12	510	95	501	98	500	92
\$120,000–\$140,000	110	6	529	100	517	96	507	89
\$140,000–\$160,000	84	4	539	95	525	97	528	89
\$160,000–\$200,000	83	4	541	87	528	101	532	88
More than \$200,000	132	7	550	92	547	89	542	88
No Response	594		529	112	525	119	515	113
Highest Level of Parental Education								
No High School Diploma	25	1	434	110	442	87	424	98
High School Diploma	697	28	480	95	462	87	458	86
Associate Degree	208	8	485	81	470	88	467	83
Bachelor's Degree	808	32	517	98	510	103	505	92
Graduate Degree	766	31	562	101	552	107	546	101
No Response	48		488	111	456	106	454	116
Took the PSAT/NMSQT®								
Yes, As a Junior	595	25	532	97	520	101	508	93
Yes, As a Sophomore or Younger	522	22	511	94	501	96	496	90
Yes, As a Junior and As a Sophomore or Younger	559	23	570	103	561	108	559	105
No	742	31	474	92	459	91	456	80
No Response	134		486	104	467	101	470	108

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	661	46	44	56	581	578	566
Second Tenth	377	26	41	59	505	497	489
Second Fifth	226	16	42	58	471	464	453
Final Three Fifths	162	11	52	48	445	439	435
No Response	1,126		41	59	503	481	483

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)	512	21	39	61	579	574	566
A (93–96)	825	33	40	60	531	527	516
A- (90–92)	444	18	41	59	500	482	482
B (80–89)	614	25	47	53	468	447	449
C (70–79)	77	3	66	34	441	419	413
D, E, or F (below 70)	2	0	0	100			
No Response	78		49	51	504	474	481
Mean Grade Point Average	All Students: 3.73		Male: 3.67		Female: 3.77		

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	2.4	2.3	3.86	3.95	3.91
English and Language Arts	4.0	3.9	4.0	3.58	3.76	3.68
Foreign and Classical Languages	2.5	2.6	2.6	3.45	3.63	3.55
Mathematics	4.3	4.2	4.2	3.48	3.47	3.47
Natural Sciences	4.0	3.9	4.0	3.55	3.57	3.56
Social Sciences and History	3.9	3.9	3.9	3.69	3.70	3.70
Total for All Subjects	20.8	20.9	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	331	14	49	51	528	521	515	
4 Years	1,736	74	42	58	521	510	504	
3 Years	192	8	40	60	491	479	480	
2 Years	36	2	47	53	472	461	452	
1 Year	16	1	31	69	464	425	441	
1/2 Year or Less	22	1	41	59	466	449	445	
No Response	219		44	56	500	479	482	
AP@/Honors Courses	1,429	61	40	60	550	536	534	
Course Work or Experience								
English/Language Arts	2,186	99	42	58	519	507	502	
Journalism	183	8	34	66	523	487	507	
Creative Writing	372	17	34	66	524	488	502	
American Literature	1,177	53	40	60	535	519	516	
Composition/Writing	833	38	41	59	526	506	505	
British Literature	417	19	41	59	551	525	526	
World Literature	527	24	45	55	541	521	519	
Communications	231	10	40	60	517	500	507	
Public Speaking	369	17	37	63	527	500	508	
English As Second Language	41	2	49	51	469	507	456	

Mathematics		Test-Takers		Percent by Gender		SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	871	37	47	53	547	552	533	
4 Years	1,227	53	40	60	505	484	487	
3 Years	172	7	40	60	486	462	466	
2 Years	27	1	52	48	447	468	434	
1 Year	11	0	36	64	465	433	427	
1/2 Year or Less	23	1	39	61	477	446	454	
No Response	221		44	56	501	481	483	
AP/Honors Courses	1,111	48	47	53	560	564	545	
Highest Level of Mathematics Achieved*								
Calculus	747	33	52	48	572	591	561	
Pre-calculus	489	21	44	56	527	507	508	
Geometry	997	44	35	65	474	445	454	
Algebra II	28	1	46	54	536	520	504	
Algebra I	4	0	25	75				

*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	525	23	46	54	549	552	537	
4 Years	1,367	59	42	58	516	500	498	
3 Years	300	13	41	59	492	479	475	
2 Years	61	3	52	48	472	467	457	
1 Year	22	1	32	68	477	462	463	
1/2 Year or Less	32	1	38	63	459	445	436	
No Response	245		44	56	500	482	481	
AP/Honors Courses	1,065	46	46	54	561	558	546	
Course Work or Experience								
Biology	2,190	98	42	58	519	507	502	
Chemistry	1,923	86	42	58	526	516	509	
Physics	937	42	53	47	545	550	529	
Geology, Earth, or Space Science	1,212	54	44	56	510	494	491	
Other Sciences	1,462	66	38	62	520	504	501	

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	375	16	48	52	551	545	532	
4 Years	1,598	69	41	59	517	504	501	
3 Years	247	11	43	57	501	485	480	
2 Years	52	2	54	46	464	488	458	
1 Year	25	1	40	60	436	411	426	
1/2 Year or Less	26	1	42	58	476	472	466	
No Response	229		43	57	500	483	483	
AP/Honors Courses	1,283	55	44	56	552	540	534	
Course Work or Experience								
U.S. History	2,150	97	43	57	519	507	502	
World History or Cultures	1,966	89	43	57	519	509	503	
U.S. Government or Civics	1,903	86	42	58	518	506	501	
Economics	274	12	45	55	537	526	522	
Geography	503	23	43	57	526	516	511	
Psychology	762	34	33	67	537	516	520	
European History	292	13	47	53	544	532	525	
Sociology	325	15	34	66	520	495	502	
Ancient History	291	13	50	50	522	500	498	
Other Courses	419	19	34	66	508	489	491	

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	130	6	39	61	575	564	566
4 Years	342	15	36	64	555	540	543
3 Years	492	21	43	57	547	536	530
2 Years	1,179	51	45	55	496	486	477
1 Year	104	4	43	57	486	471	471
1/2 Year or Less	71	3	42	58	462	454	438
No Response	234		45	55	500	479	482
AP/Honors Courses	355	15	37	63	583	569	572
Course Work or Experience							
Chinese	41	2	37	63	539	551	537
French	368	17	33	67	528	509	511
German	101	5	49	51	559	517	523
Greek	3	0	0	100			
Hebrew	1	0	0	100			
Italian	12	1	25	75	565	525	527
Japanese	4	0	50	50			
Korean	1	0	0	100			
Latin	100	4	47	53	575	550	554
Russian	3	0	67	33			
Spanish	1,666	75	44	56	513	505	498
Other Languages	37	2	27	73	473	462	458

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	203	9	34	66	542	523	524	
4 Years	381	17	31	69	527	504	508	
3 Years	275	12	39	61	523	495	500	
2 Years	558	24	43	57	508	499	494	
1 Year	725	32	50	50	518	518	501	
1/2 Year or Less	155	7	51	49	492	487	481	
No Response	255		47	53	505	488	488	
AP/Honors Courses	198	9	39	61	577	558	561	
Course Work or Experience								
Acting or Play Production	413	19	32	68	552	520	533	
Art History or Appreciation	527	24	45	55	516	503	501	
Dance	253	12	13	87	503	489	497	
Drama: Study or Appreciation	343	16	31	69	524	492	503	
Music: Study or Appreciation	358	16	49	51	535	512	515	
Music Performance	937	43	40	60	538	521	518	
Photography or Film	303	14	33	67	516	495	500	
Studio Art and Design	431	20	33	67	531	515	516	
None	283	13	55	45	480	484	469	
Computers								
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	995	56	43	57	533	517	514	
Computer Programming	285	16	57	43	556	558	539	
Word Processing	904	51	42	58	536	522	516	
Internet Activity	701	40	44	56	541	528	521	
Using Computer Graphics	477	27	49	51	534	526	518	
Creating Spreadsheets/Databases	549	31	44	56	537	526	516	
None	381	22	35	65	517	506	503	

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
234	565	202	650	660	643

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	22	9
2	119	51
3	73	31
4 or More	20	9

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		Mathematics		Writing		
English					Mean	SD	Mean	SD	Mean	SD	
Literature	70	637	91	63	662	81	615	84	644	83	
History and Social Studies											
U.S. History	80	665	103	74	669	91	642	97	654	87	
World History	8	694		8	685		668		684		
Mathematics											
Mathematics Level 1	79	635	105	65	623	67	656	81	623	83	
Mathematics Level 2	124	694	93	113	656	83	699	71	661	84	
Science											
Biology-E	16	629		13	672		662		660		
Biology-M	47	659	85	39	653	73	668	83	647	66	
Chemistry	83	686	101	69	662	94	704	74	662	84	
Physics	34	647	82	31	640	71	696	71	644	82	
Foreign and Classical Languages											
Chinese/Listening	2			2							
French	2			2							
French/Listening											
German											
German/Listening											
Modern Hebrew											
Italian	1			1							
Japanese/Listening											
Korean/Listening	1			1							
Latin	11	512		9	658		631		649		
Spanish	6	527		6	673		670		652		
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	4	6	22	28	3	38
700-740	17	24	13	16	2	25
650-690	16	23	14	18	2	25
600-640	12	17	17	21		
550-590	11	16	5	6		
500-540	4	6	4	5		
450-490	1	1	1	1		
400-440	4	6	3	4	1	13
350-390	1	1				
300-340						
250-290			1	1		
200-240						
Total	70		80		8	
Mean	637		665		694	
SD	91		103			
75th percentile	710		750			
50th percentile	650		660			
25th percentile	570		610			

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	10	13	45	36	1	6	10	21	30	36	4	12
700-740	20	25	21	17	3	19	9	19	16	19	6	18
650-690	12	15	25	20	3	19	7	15	14	17	7	21
600-640	9	11	14	11	3	19	8	17	5	6	8	24
550-590	12	15	9	7	4	25	9	19	9	11	4	12
500-540	6	8	9	7	1	6	3	6	4	5	3	9
450-490	6	8			1	6	1	2	4	5	2	6
400-440	2	3	1	1								
350-390	2	3							1	1		
300-340												
250-290												
200-240												
Total	79		124		16		47		83		34	
Mean	635		694		629		659		686		647	
SD	105		93				85		101		82	
75th percentile	720		780				710		760		700	
50th percentile	660		710				660		710		640	
25th percentile	560		630				580		610		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	1	50										
700-740	1	50										
650-690												
600-640			1	50								
550-590												
500-540												
450-490												
400-440			1	50								
350-390												
300-340												
250-290												
200-240												
Total	2		2									
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												
700-740							2	18	1	17		
650-690												
600-640												
550-590							2	18			1	100
500-540									2	33		
450-490					1	100	4	36	3	50		
400-440							3	27				
350-390												
300-340	1	100										
250-290												
200-240												
Total	1				1		11		6		1	
Mean							512		527			
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	33	1	473	460	455
Architecture and Related Services	16	1	553	545	531
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	156	7	567	548	546
Business Management, Marketing, and Related Support Services	220	10	494	492	475
Communication, Journalism and Related Programs	41	2	530	478	520
Computer and Information Sciences and Support Services	71	3	531	522	489
Construction Trades	0	0			
Education	156	7	484	458	474
Engineering	256	11	545	583	528
Engineering Technologies/Technicians	18	1	512	551	504
English Language and Literature/Letters	32	1	600	519	551
Family and Consumer Sciences/Human Sciences	8	0	519	500	524
Foreign Languages, Literatures, and Linguistics	15	1	579	515	547
Health Professions and Related Clinical Services	547	24	502	492	490
History	15	1	559	493	503
Legal Professions and Studies	81	4	539	507	524
Liberal Arts and Sciences, General Studies, and Humanities	16	1	523	471	484
Library Science And Administration	0	0			
Mathematics and Statistics	17	1	592	644	559
Mechanic and Repair Technologies/Technician	3	0			
Military Technologies And Applied Sciences	14	1	454	466	444
Multi/Interdisciplinary Studies	16	1	616	597	577
Natural Resources and Conservation	9	0	498	457	482
Parks, Recreation, Leisure and Fitness Studies	13	1	395	425	375
Personal and Culinary Services	6	0	482	460	430
Philosophy and Religious Studies	8	0	585	551	545
Physical Sciences	43	2	608	577	584
Precision Production	0	0			
Psychology	98	4	508	471	489
Public Administration and Social Services Professions	5	0	462	456	454
Security and Protective Services	36	2	447	448	431
Social Sciences	36	2	614	558	584
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	140	6	534	499	518
Other	32	1	467	448	455
Undecided	89	4	546	541	537
Degree-Level Goal					
Certificate Program	15	1	478	519	443
Associate Degree	27	1	432	429	430
Bachelor's Degree	704	29	473	465	458
Master's Degree	771	32	519	507	501
Doctoral or Related Degree	700	29	562	549	545
Other	9	0	468	476	479
Undecided	211	9	530	507	507

College Plans

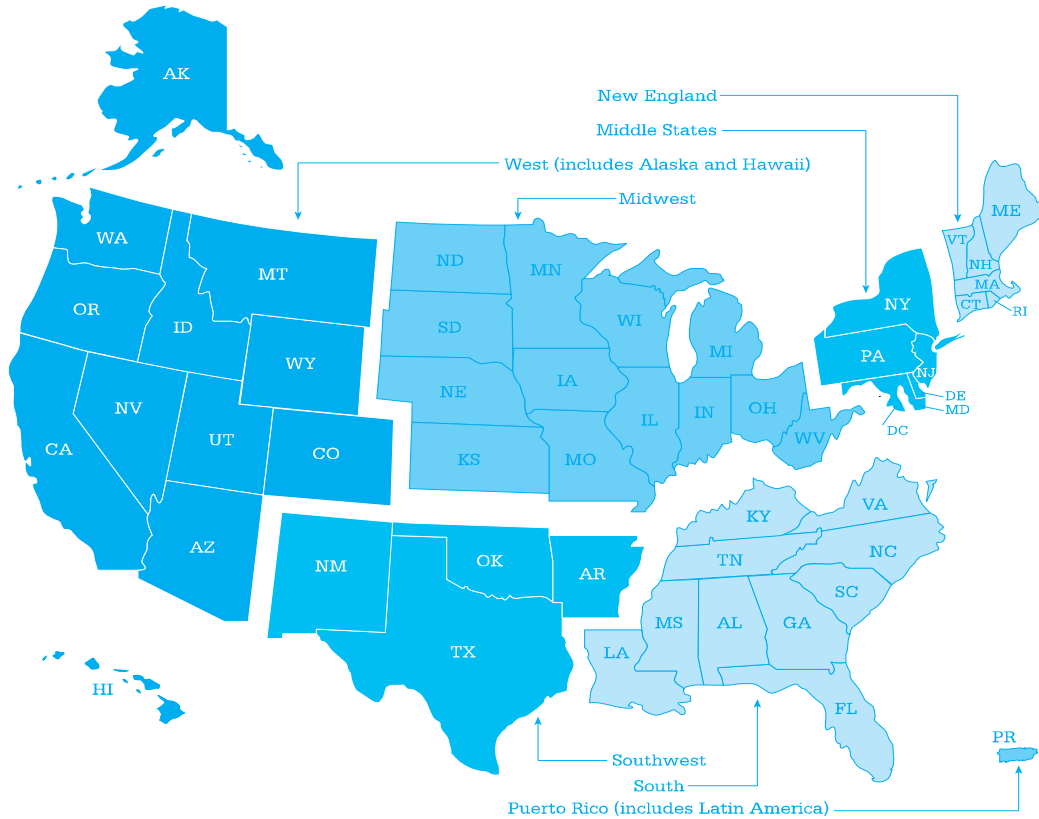
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 2,584 students from your state who took the SAT and/or an SAT Subject Test, 1,672 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 621 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
West Virginia University	WV	Public	733	43.8
Marshall University	WV	Public	379	22.7
Shepherd University	WV	Public	264	15.8
Fairmont State University	WV	Public	158	9.4
West Virginia Wesleyan College	WV	Private	117	7.0
NCAA Eligibility Center	IN	Public	117	7.0
West Liberty University	WV	Public	102	6.1
Ohio State University: Columbus Campus	OH	Public	95	5.7
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	86	5.1
Concord University	WV	Public	85	5.1
University of Kentucky	KY	Public	78	4.7
University of Virginia	VA	Public	78	4.7
University of Charleston	WV	Private	72	4.3
Harvard College	MA	Private	66	3.9
Duke University	NC	Private	65	3.9
West Virginia State University	WV	Public	64	3.8
Princeton University	NJ	Private	63	3.8
Virginia Tech	VA	Public	63	3.8
University of North Carolina at Chapel Hill	NC	Public	60	3.6
Carnegie Mellon University	PA	Private	53	3.2
Penn State University Park	PA	Public	50	3.0
University of Pittsburgh	PA	Private	48	2.9
Vanderbilt University	TN	Private	48	2.9
Yale University	CT	Private	47	2.8
Alderson-Broaddus University	WV	Private	46	2.8
Columbia University	NY	Private	45	2.7
Cornell University	NY	Private	42	2.5
Davis and Elkins College	WV	Private	42	2.5
Potomac State College of West Virginia University	WV	Public	41	2.5
University of Pennsylvania	PA	Private	39	2.3
Massachusetts Institute of Technology	MA	Private	39	2.3
Stanford University	CA	Private	38	2.3
Blue Ridge Community and Technical College	WV	Public	38	2.3
Glenville State College	WV	Public	37	2.2
Ohio University	OH	Public	37	2.2
Washington and Lee University	VA	Private	37	2.2
George Mason University	VA	Public	36	2.2
University of Michigan	MI	Public	36	2.2
Boston University	MA	Private	33	2.0
New York University	NY	Private	33	2.0
Johns Hopkins University	MD	Private	33	2.0
Liberty University	VA	Private	33	2.0
University of Maryland: College Park	MD	Public	32	1.9
Center for Talented Youth, Johns Hopkins Univ	MD	Private	32	1.9
West Virginia University Institute of Technology	WV	Public	31	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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