



2013 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 2013 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 the College Board's press conference in mid-September.** 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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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, 1972–2013

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

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 2000–2013, 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 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	2,774	514	101	501	104	498	98	50.6	10.1	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	1,190	514	106	517	109	486	102	49.8	10.3	6.6	1.6
Female	1,584	513	97	488	99	507	95	51.2	9.9	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 (2012-2013)	1,953	503	99	489	102	488	97	49.4	9.9	6.9	1.5
Junior (2011-2012)	801	539	101	530	106	521	98	53.5	10.1	7.0	1.5
Sophomore (2010-2011)	20	529		496		500		51.7		6.7	
Freshman (2009-2010)	0										
Total	2,774	514	101	501	104	498	98	50.6	10.1	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	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	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 2013 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.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	59	63	122	82	37	119	32	41	73
600-690	213	253	466	210	208	418	152	248	400
500-590	399	566	965	374	444	818	334	532	866
400-490	384	543	927	374	637	1,011	469	577	1,046
300-390	106	144	250	130	236	366	179	172	351
200-290	29	15	44	20	22	42	24	14	38

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,344	88	42	58	509	497	494
Religiously Affiliated	209	8	57	43	541	534	523
Independent	99	4	42	58	540	526	536
Other or Unknown	122		43	57	540	486	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	149	5	472	105	459	94	450	95
Nonstandard Conditions	26	1	492	100	502	102	473	106

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	9	0	497		458		490	
Asian, Asian American, or Pacific Islander	114	4	552	129	600	124	548	122
Black or African American	173	6	444	94	446	92	439	89
Mexican or Mexican American	10	0	499		483		494	
Puerto Rican	6	0	537		560		503	
Other Hispanic, Latino, or Latin American	40	1	507	113	492	105	492	95
White	2,326	84	517	98	501	100	500	96
Other	52	2	512	98	501	116	503	102
No Response	44	2	517	92	479	108	485	100
Total	2,774	100	514	101	501	104	498	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	7	0	487		466		473	
Asian, Asian American, or Pacific Islander	47	2	558	134	607	117	534	120
Black or African American	95	3	429	93	441	89	421	79
Mexican or Mexican American	5	0	482		462		472	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	16	1	513		503		493	
White	982	35	521	101	522	106	491	100
Other	19	1	487		483		462	
No Response	16	1	522		516		468	
Total	1,190	43	514	106	517	109	486	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	2	0						
Asian, Asian American, or Pacific Islander	67	2	549	126	594	128	557	122
Black or African American	78	3	463	91	452	95	461	96
Mexican or Mexican American	5	0	516		504		516	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	24	1	503		484		491	
White	1,344	48	514	95	485	93	507	92
Other	33	1	526	82	512	110	526	89
No Response	28	1	514	92	458	104	495	92
Total	1,584	57	513	97	488	99	507	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	2,774	100	514	101	501	104	498	98
First Language Learned								
English	2,538	93	514	100	498	102	497	97
English and Another	130	5	513	108	515	120	505	102
Another Language	64	2	479	125	551	148	497	129
No Response	42		565	98	524	102	525	92
Citizenship								
U.S. Citizen / U.S. National	2,625	98	514	100	500	103	499	98
U.S. Permanent Resident or Refugee	31	1	517	127	497	142	497	109
Citizen of Another Country	35	1	474	111	583	126	495	126
Other, Unknown, or No Response	83		504	118	483	112	480	106
Plans to Apply for Financial Aid								
Yes	2,021	79	511	102	495	104	496	99
No	149	6	515	98	517	99	510	97
Don't Know	379	15	516	95	512	100	502	97
No Response	225		528	104	517	110	506	98
Family Income								
\$0 - \$20,000	138	7	465	94	460	89	453	96
\$20,000–\$40,000	268	14	485	103	465	97	470	86
\$40,000–\$60,000	277	15	507	100	477	97	481	98
\$60,000–\$80,000	333	18	503	96	487	100	490	90
\$80,000–\$100,000	291	15	513	97	500	101	499	96
\$100,000–\$120,000	225	12	512	91	500	110	501	96
\$120,000–\$140,000	108	6	510	111	503	106	491	105
\$140,000–\$160,000	64	3	512	96	508	110	501	92
\$160,000–\$200,000	77	4	522	94	520	82	507	100
More than \$200,000	121	6	549	79	553	90	543	83
No Response	872		531	104	521	107	515	102
Highest Level of Parental Education								
No High School Diploma	32	1	433	95	440	89	433	97
High School Diploma	746	28	474	96	464	92	462	89
Associate Degree	259	10	507	103	477	100	485	95
Bachelor's Degree	863	32	518	91	506	100	500	93
Graduate Degree	782	29	553	100	542	107	539	99
No Response	92		496	91	483	93	477	83
Took the PSAT/NMSQT®								
Yes, As a Junior	679	26	530	98	517	99	515	94
Yes, As a Sophomore or Younger	574	22	512	87	496	92	496	82
Yes, As a Junior and As a Sophomore or Younger	506	19	569	99	564	107	558	98
No	849	33	469	93	453	91	451	88
No Response	166		511	107	498	103	491	99

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	651	47	40	60	571	573	560
Second Tenth	382	28	40	60	501	495	487
Second Fifth	201	15	50	50	484	466	461
Final Three Fifths	149	11	50	50	432	413	421
No Response	1,391		43	57	503	483	486

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)	562	21	35	65	570	567	561
A (93–96)	876	33	39	61	528	520	514
A- (90–92)	499	19	43	57	504	484	487
B (80–89)	628	24	51	49	463	442	444
C (70–79)	101	4	67	33	425	418	404
D, E, or F (below 70)		0					
No Response	108		43	57	528	490	496
Mean Grade Point Average	All Students: 3.73		Male: 3.64		Female: 3.81		

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	3.81	3.93	3.88
English and Language Arts	3.9	4.0	3.9	3.56	3.76	3.68
Foreign and Classical Languages	2.5	2.7	2.6	3.40	3.63	3.53
Mathematics	4.2	4.2	4.2	3.41	3.49	3.45
Natural Sciences	3.9	4.0	3.9	3.51	3.57	3.55
Social Sciences and History	3.9	3.9	3.9	3.66	3.71	3.69
Total for All Subjects	20.6	21.3	20.9			

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	315	13	44	56	520	507	507	
4 Years	1,842	74	41	59	517	504	502	
3 Years	254	10	48	52	481	471	466	
2 Years	34	1	32	68	517	483	485	
1 Year	22	1	64	36	492	489	458	
1/2 Year or Less	14	1	43	57	469	481	482	
No Response	293		49	51	516	504	494	
AP®/Honors Courses	1,497	60	37	63	544	530	531	
Course Work or Experience								
English/Language Arts	2,339	99	42	58	514	500	499	
Journalism	208	9	26	74	532	501	526	
Creative Writing	462	19	32	68	527	487	511	
American Literature	1,286	54	39	61	527	508	510	
Composition/Writing	955	40	40	60	521	504	506	
British Literature	452	19	37	63	542	515	521	
World Literature	597	25	39	61	524	505	504	
Communications	260	11	38	62	518	503	506	
Public Speaking	469	20	38	62	520	498	510	
English As Second Language	64	3	38	63	458	490	460	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	875	35	44	56	541	546	528	
4 Years	1,334	54	41	59	501	479	485	
3 Years	208	8	45	55	481	454	468	
2 Years	23	1	48	52	485	466	459	
1 Year	14	1	57	43	517	504	479	
1/2 Year or Less	16	1	31	69	466	458	466	
No Response	304		49	51	515	503	494	
AP/Honors Courses	1,125	46	42	58	552	556	540	
Highest Level of Mathematics Achieved*								
Calculus	758	31	47	53	562	578	550	
Pre-calculus	545	22	43	57	522	509	505	
Geometry	1,095	45	38	62	477	444	461	
Algebra II	21	1	19	81	499	477	498	
Algebra I	3	0	33	67				

*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	517	21	40	60	543	544	534	
4 Years	1,463	60	41	59	511	494	494	
3 Years	350	14	47	53	484	469	471	
2 Years	61	2	49	51	505	494	491	
1 Year	29	1	48	52	480	455	454	
1/2 Year or Less	32	1	28	72	490	455	481	
No Response	322		50	50	517	505	494	
AP/Honors Courses	1,093	45	41	59	553	548	541	
Course Work or Experience								
Biology	2,336	98	42	58	514	501	499	
Chemistry	2,147	90	42	58	518	507	503	
Physics	934	39	52	48	541	544	523	
Geology, Earth, or Space Science	1,312	55	43	57	504	486	486	
Other Sciences	1,525	64	37	63	515	498	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	378	15	42	58	538	523	522	
4 Years	1,697	69	41	59	513	501	498	
3 Years	299	12	46	54	490	479	477	
2 Years	48	2	42	58	504	476	481	
1 Year	27	1	56	44	472	482	474	
1/2 Year or Less	17	1	24	76	492	464	492	
No Response	308		48	52	513	501	492	
AP/Honors Courses	1,295	53	41	59	545	534	532	
Course Work or Experience								
U.S. History	2,304	97	42	58	514	501	500	
World History or Cultures	2,091	88	42	58	517	504	501	
U.S. Government or Civics	2,022	85	41	59	513	498	497	
Economics	272	11	46	54	527	511	511	
Geography	494	21	42	58	520	510	504	
Psychology	859	36	33	67	528	508	516	
European History	319	13	45	55	524	502	505	
Sociology	345	15	32	68	505	483	488	
Ancient History	405	17	40	60	512	495	496	
Other Courses	469	20	36	64	503	488	487	

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			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	138	6	37	63	563	550	559	
4 Years	352	14	36	64	557	542	542	
3 Years	554	22	38	62	534	522	522	
2 Years	1,250	51	46	54	494	480	477	
1 Year	103	4	47	53	463	467	447	
1/2 Year or Less	67	3	49	51	452	432	431	
No Response	310		49	51	514	503	493	
AP/Honors Courses	335	14	36	64	569	566	562	
Course Work or Experience								
Chinese	44	2	41	59	542	552	528	
French	411	17	38	62	526	502	507	
German	82	3	57	43	525	493	496	
Greek	7	0	43	57	559	534	551	
Hebrew	2	0	50	50				
Italian	10	0	50	50	515	522	507	
Japanese	15	1	40	60	529	491	513	
Korean	2	0	100	0				
Latin	98	4	49	51	558	533	533	
Russian	7	0	43	57	653	544	571	
Spanish	1,826	76	41	59	511	500	497	
Other Languages	30	1	30	70	501	500	490	

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	216	9	36	64	546	517	526	
4 Years	470	19	35	65	522	496	505	
3 Years	292	12	33	67	509	491	502	
2 Years	568	23	45	55	504	493	489	
1 Year	745	31	50	50	508	506	490	
1/2 Year or Less	149	6	43	57	515	511	509	
No Response	334		49	51	514	504	494	
AP/Honors Courses	171	7	32	68	572	558	568	
Course Work or Experience								
Acting or Play Production	415	18	32	68	548	511	533	
Art History or Appreciation	576	25	46	54	514	499	499	
Dance	319	14	13	87	498	481	493	
Drama: Study or Appreciation	369	16	34	66	520	490	508	
Music: Study or Appreciation	387	17	46	54	538	516	523	
Music Performance	970	42	36	64	534	514	517	
Photography or Film	346	15	30	70	517	489	506	
Studio Art and Design	425	18	30	70	528	508	509	
None	332	14	54	46	484	489	472	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	1,244	55	43	57	519	504	502
Computer Programming	288	13	60	40	526	528	511
Word Processing	1,199	53	43	57	523	504	506
Internet Activity	865	39	44	56	522	505	504
Using Computer Graphics	597	27	47	53	517	503	497
Creating Spreadsheets/Databases	686	31	45	55	522	513	504
None	496	22	34	66	501	493	490

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
208	494	185	642	657	640

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	23	11
2	109	52
3	58	28
4 or More	18	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 Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
English											
Literature	69	629	105	63	643	90	639	82	654	86	
History and Social Studies											
U.S. History	61	662	106	56	648	91	637	103	644	82	
World History	4			4							
Mathematics											
Mathematics Level 1	84	635	101	70	634	84	644	82	634	80	
Mathematics Level 2	92	688	90	84	652	89	704	69	654	77	
Science											
Biology-E	23	624		20	633		609		630		
Biology-M	38	662	90	33	661	94	674	84	638	73	
Chemistry	74	677	100	65	647	93	686	73	644	81	
Physics	29	688	85	27	684	64	719	67	661	70	
Foreign and Classical Languages											
Chinese/Listening	1			1							
French	5	556		5	688		624		648		
French/Listening											
German	1			1							
German/Listening	1										
Modern Hebrew											
Italian											
Japanese/Listening	1			1							
Korean/Listening											
Latin	7	527		6	658		670		640		
Spanish	3			3							
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	6	9	13	21	1	25
700-740	19	28	17	28	2	50
650-690	9	13	9	15		
600-640	9	13	8	13		
550-590	10	14	7	11		
500-540	5	7	1	2		
450-490	7	10	2	3	1	25
400-440	4	6	3	5		
350-390			1	2		
300-340						
250-290						
200-240						
Total	69		61		4	
Mean	629		662			
SD	105		106			
75th percentile	720		740			
50th percentile	640		680			
25th percentile	550		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	11	13	32	35	4	17	8	21	26	35	8	28
700-740	13	15	14	15	3	13	8	21	12	16	6	21
650-690	20	24	15	16	3	13	4	11	9	12	5	17
600-640	19	23	12	13	3	13	8	21	12	16	3	10
550-590	9	11	13	14	5	22	7	18	6	8	5	17
500-540	2	2	3	3	2	9	1	3	3	4	2	7
450-490	5	6	3	3			2	5	4	5		
400-440	3	4			2	9			2	3		
350-390	1	1										
300-340	1	1			1	4						
250-290												
200-240												
Total	84		92		23		38		74		29	
Mean	635		688		624		662		677		688	
SD	101		90				90		100		85	
75th percentile	710		770		710		740		770		740	
50th percentile	650		690		640		660		700		680	
25th percentile	590		620		540		590		600		590	

SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800									1	100		
700-740	1	100										
650-690							1	100				
600-640			1	20								
550-590			2	40								
500-540			1	20								
450-490			1	20								
400-440												
350-390												
300-340												
250-290												
200-240												
Total	1		5				1		1			
Mean			556									
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							1	14	1	33		
650-690			1	100								
600-640									1	33		
550-590							1	14	1	33		
500-540							3	43				
450-490							1	14			1	100
400-440							1	14				
350-390												
300-340												
250-290												
200-240												
Total			1				7		3		1	
Mean							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	26	1	463	470	456
Architecture and Related Services	30	1	527	551	519
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	181	7	541	535	533
Business Management, Marketing, and Related Support Services	198	8	488	499	481
Communication, Journalism and Related Programs	57	2	524	488	530
Computer and Information Sciences and Support Services	71	3	518	518	483
Construction Trades	0	0			
Education	165	7	490	463	478
Engineering	233	10	556	583	526
Engineering Technologies/Technicians	19	1	499	518	479
English Language and Literature/Letters	41	2	583	504	568
Family and Consumer Sciences/Human Sciences	14	1	486	470	451
Foreign Languages, Literatures, and Linguistics	16	1	551	472	541
Health Professions and Related Clinical Services	615	25	499	494	494
History	38	2	556	483	507
Legal Professions and Studies	76	3	538	511	516
Liberal Arts and Sciences, General Studies, and Humanities	16	1	503	497	521
Library Science And Administration	1	0			
Mathematics and Statistics	18	1	589	627	584
Mechanic and Repair Technologies/Technician	7	0	426	457	399
Military Technologies And Applied Sciences	14	1	541	519	491
Multi/Interdisciplinary Studies	10	0	577	560	562
Natural Resources and Conservation	5	0	468	508	452
Parks, Recreation, Leisure and Fitness Studies	19	1	427	421	402
Personal and Culinary Services	8	0	401	398	386
Philosophy and Religious Studies	4	0			
Physical Sciences	37	2	571	579	550
Precision Production	0	0			
Psychology	111	5	520	481	501
Public Administration and Social Services Professions	6	0	527	445	508
Security and Protective Services	51	2	477	445	452
Social Sciences	47	2	582	537	555
Theology and Religious Vocations	6	0	532	502	495
Transportation and Materials Moving	2	0			
Visual and Performing Arts	137	6	534	489	516
Other	40	2	473	443	467
Undecided	101	4	553	531	531
Degree-Level Goal					
Certificate Program	22	1	476	470	449
Associate Degree	31	1	432	426	402
Bachelor's Degree	752	29	479	461	465
Master's Degree	765	30	518	506	501
Doctoral or Related Degree	743	29	542	534	530
Other	5	0	456	460	410
Undecided	261	10	521	502	503

College Plans

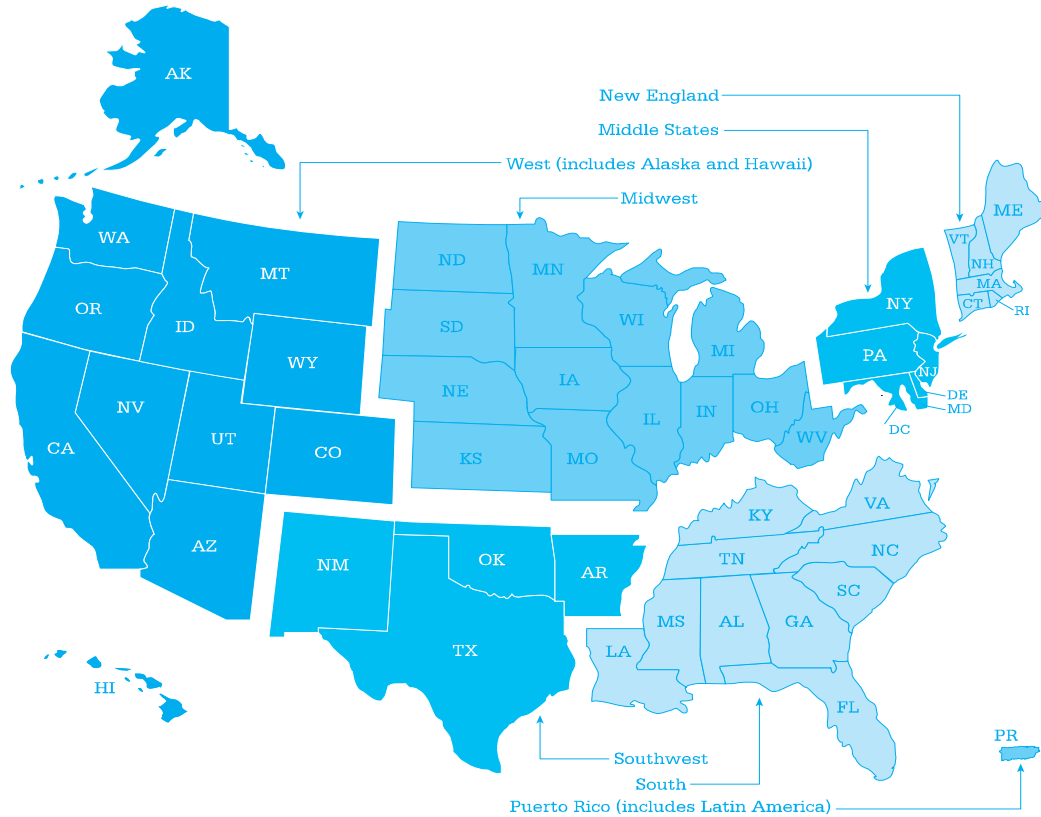
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 2,797 students from your state who took the SAT and/or an SAT Subject Test, 1,764 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 705 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	879	49.8
MARSHALL UNIVERSITY	WV	Public	424	24.0
SHEPHERD UNIVERSITY	WV	Public	311	17.6
FAIRMONT STATE UNIVERSITY	WV	Public	178	10.1
WEST VIRGINIA WESLEYAN COLLEGE	WV	Private	127	7.2
NCAA ELIGIBILITY CENTER	IN	Public	125	7.1
WEST LIBERTY STATE COLLEGE	WV	Public	119	6.7
CONCORD UNIVERSITY	WV	Public	113	6.4
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	101	5.7
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	77	4.4
UNIVERSITY OF VIRGINIA	VA	Public	75	4.3
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	72	4.1
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	66	3.7
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	62	3.5
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	62	3.5
PENNSYLVANIA STATE UNIVERSITY	PA	Public	60	3.4
UNIVERSITY OF CHARLESTON	WV	Private	59	3.3
WEST VIRGINIA STATE UNIVERSITY	WV	Public	55	3.1
PRINCETON UNIVERSITY	NJ	Private	53	3.0
CARNEGIE MELLON UNIVERSITY	PA	Private	53	3.0
ALDERSON-BROADDUS COLLEGE	WV	Private	52	2.9
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	52	2.9
WHEELING JESUIT UNIVERSITY	WV	Private	49	2.8
DUKE UNIVERSITY	NC	Private	49	2.8
NEW YORK UNIVERSITY	NY	Private	46	2.6
GEORGETOWN UNIVERSITY	DC	Private	40	2.3
DAVIS AND ELKINS COLLEGE	WV	Private	40	2.3
UNIVERSITY OF MARYLAND	MD	Public	39	2.2
WEST VIRGINIA UNIVERSITY INSTITUTE OF TE	WV	Public	38	2.2
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	38	2.2
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	38	2.2
CORNELL UNIVERSITY	NY	Private	38	2.2
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	35	2.0
GLENVILLE STATE COLLEGE	WV	Public	35	2.0
YALE UNIVERSITY	CT	Private	34	1.9
WASHINGTON AND LEE UNIVERSITY	VA	Private	33	1.9
POTOMAC STATE COLLEGE	WV	Public	33	1.9
BETHANY COLLEGE WEST VIRGINIA	WV	Private	33	1.9
LIBERTY UNIVERSITY	VA	Private	32	1.8
CLEMSON UNIVERSITY	SC	Public	32	1.8
BLUE RIDGE COMMUNITY AND TECHNICAL COLLE	WV	Public	32	1.8
VANDERBILT UNIVERSITY	TN	Private	31	1.8
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	30	1.7
UNIVERSITY OF CHICAGO	IL	Private	29	1.6
BLUEFIELD STATE COLLEGE	WV	Public	29	1.6

*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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National Office

45 Columbus Avenue
New York, NY 10023-6992
212-713-8000
212-713-8255 (Fax)

Middle States Regional Office

Three Bala Plaza East, Suite 501
Bala Cynwyd, PA 19004-1501
866-392-3019
610-227-2580 (Fax)

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Chicago, IL 60631-3512
866-392-4086
847-653-4528 (Fax)

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Southwestern Regional Office

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512-721-1841 (Fax)

Western Regional Office

2099 Gateway Place, Suite 550
San Jose, CA 95110-1051
866-392-4078
408-367-1459 (Fax)

Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501
San Juan, PR 00918-1017
Mailing address:
P.O. Box 71101
San Juan, PR 00936-8001
787-772-1200
787-759-8629 (Fax - Reception area)
787-764-4306 (Fax - Director's office)

International Education Office

1233 20th Street NW, Suite 600
Washington, DC 20036-2375
202-741-4700
202-741-4745 (Fax)

Washington Office

1233 20th Street NW, Suite 600
Washington, DC 20036-2375
202-741-4700
202-741-4743 (Fax)

Florida Office

1545 Raymond Diehl Road, Suite 250
Tallahassee, FL 32308-1500
850-521-4900
850-521-4921 (Fax)