



2011 College-Bound Seniors

State Profile Report

OHIO

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2011* includes students who tested through June 2011.

Using This Report

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

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

Keep in mind, however, that:

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

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

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at www.collegeboard.org.

Mean

The *mean* is the arithmetic average.

Percentile

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

Scaled score

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

Standard deviation (SD)

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

The College Board: Inspiring Minds™

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

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2011

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

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

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SAT® Data

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

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	27,765	539	104	545	106	522	104	52.5	10.5	7.5	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	13,012	544	105	564	106	515	104	52.2	10.5	7.3	1.6
Female	14,753	535	103	528	103	527	104	52.7	10.6	7.7	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	12,619	527	106	531	107	508	105	51.1	10.6	7.4	1.5
Junior (2009-2010)	14,965	550	101	557	104	534	102	53.7	10.3	7.6	1.4
Sophomore (2008-2009)	160	529	95	555	96	511	92	51.9	9.4	7.1	1.5
Freshman (2007-2008)	21	514		538		481		48.5		7.1	
Total	27,765	539	104	545	106	522	104	52.5	10.5	7.5	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

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

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	610	620	590	570	600	560
50th	540	540	520	490	510	480
25th	470	470	450	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	976	926	1,902	1,363	754	2,117	606	882	1,488
600–690	3,194	3,285	6,479	3,954	3,242	7,196	2,317	2,939	5,256
500–590	4,664	5,310	9,974	4,268	5,060	9,328	4,476	5,154	9,630
400–490	3,172	4,033	7,205	2,650	4,255	6,905	4,000	4,331	8,331
300–390	843	1,055	1,898	679	1,281	1,960	1,430	1,299	2,729
200–290	163	144	307	98	161	259	183	148	331

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	19,057	73	45	55	535	545	516
Religiously Affiliated	6,160	23	52	48	552	546	538
Independent	1,014	4	45	55	606	621	608
Other or Unknown	1,534		48	52	495	490	474

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	1,578	6	511	108	507	111	485	105
Nonstandard Conditions	508	2	515	111	522	121	500	112

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	76	0	520	98	513	101	486	96
Asian, Asian American, or Pacific Islander	1,392	5	550	125	617	108	552	121
Black or African American	3,017	11	449	98	443	95	432	91
Mexican or Mexican American	195	1	527	97	528	101	500	97
Puerto Rican	173	1	510	112	509	110	492	108
Other Hispanic, Latino, or Latin American	300	1	527	104	528	107	510	107
White	21,381	77	552	96	556	97	533	97
Other	703	3	540	116	540	114	523	113
No Response	528	2	529	117	521	105	504	111
Total	27,765	100	539	104	545	106	522	104

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	38	0	526	116	529	109	485	107
Asian, Asian American, or Pacific Islander	659	2	552	125	633	104	545	120
Black or African American	1,260	5	449	101	454	99	422	91
Mexican or Mexican American	90	0	533	103	552	112	501	106
Puerto Rican	82	0	525	118	535	112	499	110
Other Hispanic, Latino, or Latin American	129	0	518	110	537	110	494	106
White	10,201	37	556	97	575	97	526	97
Other	289	1	544	121	561	108	516	111
No Response	264	1	522	121	534	101	491	113
Total	13,012	47	544	105	564	106	515	104

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	38	0	513	77	497	90	488	84
Asian, Asian American, or Pacific Islander	733	3	549	125	603	110	559	121
Black or African American	1,757	6	450	96	435	91	439	91
Mexican or Mexican American	105	0	522	90	508	86	499	89
Puerto Rican	91	0	497	105	485	102	485	105
Other Hispanic, Latino, or Latin American	171	1	534	99	520	103	522	106
White	11,180	40	548	95	539	94	540	97
Other	414	1	537	112	525	115	528	114
No Response	264	1	535	112	509	107	518	107
Total	14,753	53	535	103	528	103	527	104

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	27,765	100	539	104	545	106	522	104
First Language Learned								
English	24,919	91	541	102	543	104	522	102
English and Another	1,537	6	535	113	550	120	524	114
Another Language	1,033	4	506	130	574	123	511	123
No Response	276		543	121	546	114	520	115
Citizenship								
U.S. Citizen / U.S. National	26,406	97	541	103	545	105	523	103
U.S. Permanent Resident or Refugee	489	2	507	133	557	128	513	126
Citizen of Another Country	331	1	475	118	597	119	491	116
Other, Unknown, or No Response	539		507	114	522	116	484	110
Plans to Apply for Financial Aid								
Yes	19,377	77	536	104	539	106	517	103
No	1,652	7	550	99	564	103	540	104
Don't Know	4,048	16	546	104	559	104	531	104
No Response	2,688		544	108	555	107	526	108
Family Income								
\$0 - \$20,000	1,081	6	462	110	469	113	444	103
\$20,000–\$40,000	1,897	11	493	103	493	103	473	98
\$40,000–\$60,000	2,297	13	521	98	520	98	496	95
\$60,000–\$80,000	2,791	16	534	97	536	99	513	96
\$80,000–\$100,000	2,706	15	541	98	549	102	524	97
\$100,000–\$120,000	2,400	14	549	97	559	95	531	96
\$120,000–\$140,000	1,183	7	552	95	561	95	534	97
\$140,000–\$160,000	881	5	556	99	562	100	541	101
\$160,000–\$200,000	985	6	556	92	567	97	541	93
More than \$200,000	1,551	9	578	93	588	94	567	97
No Response	9,993		549	107	555	108	532	108
Highest Level of Parental Education								
No High School Diploma	280	1	436	100	467	113	431	89
High School Diploma	5,741	21	491	98	493	99	469	94
Associate Degree	2,025	8	506	95	509	96	483	91
Bachelor's Degree	10,204	38	546	96	553	98	529	96
Graduate Degree	8,571	32	580	99	585	101	565	101
No Response	944		495	110	509	106	481	104
Took the PSAT/NMSQT®								
Yes, As a Junior	8,595	33	537	102	544	104	520	100
Yes, As a Sophomore or Younger	5,216	20	531	96	536	99	513	96
Yes, As a Junior and As a Sophomore or Younger	8,151	31	578	99	582	101	564	100
No	4,329	16	486	99	491	99	462	94
No Response	1,474		522	105	532	107	502	105

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	5,591	40	44	56	605	622	593
Second Tenth	3,663	26	47	53	542	554	524
Second Fifth	2,539	18	50	50	511	518	489
Final Three Fifths	2,244	16	54	46	468	468	447
No Response	13,728		46	54	528	529	510

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)	2,872	11	41	59	618	630	606
A (93–96)	6,968	26	40	60	582	594	570
A- (90–92)	5,656	21	45	55	548	557	530
B (80–89)	9,519	36	51	49	498	499	477
C (70–79)	1,692	6	60	40	447	440	421
D, E, or F (below 70)	73	0	56	44	474	476	452
No Response	985		53	47	517	512	488
Mean Grade Point Average	All Students: 3.52		Male: 3.45		Female: 3.59		

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	2.3	2.7	2.5	3.80	3.90	3.86
English and Language Arts	3.9	3.9	3.9	3.40	3.63	3.53
Foreign and Classical Languages	3.1	3.3	3.2	3.31	3.53	3.43
Mathematics	4.1	4.0	4.0	3.38	3.39	3.39
Natural Sciences	3.8	3.8	3.8	3.42	3.44	3.43
Social Sciences and History	3.7	3.7	3.7	3.54	3.57	3.55
Total for All Subjects	20.9	21.4	21.1			

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,684	11	45	55	561	565	546
4 Years	18,513	76	47	53	545	550	527
3 Years	2,630	11	44	56	494	501	478
2 Years	322	1	47	53	506	523	494
1 Year	115	0	43	57	490	497	482
1/2 Year or Less	116	0	61	39	454	477	437
No Response	3,385		53	47	534	540	514
AP®/Honors Courses	10,864	45	39	61	590	588	575
Course Work or Experience							
English/Language Arts	22,431	97	46	54	540	545	523
Journalism	2,265	10	36	64	542	529	529
Creative Writing	5,603	24	42	58	532	522	516
American Literature	16,308	71	45	55	544	547	527
Composition/Writing	12,420	54	45	55	539	540	522
British Literature	8,277	36	44	56	558	554	540
World Literature	8,149	35	45	55	546	546	529
Communications	2,678	12	48	52	530	533	513
Public Speaking	7,013	30	45	55	548	549	532
English As Second Language	775	3	45	55	458	514	462

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	6,055	25	48	52	576	604	559
4 Years	14,288	59	46	54	539	539	522
3 Years	3,568	15	41	59	493	480	472
2 Years	279	1	45	55	485	494	472
1 Year	85	0	45	55	499	512	483
1/2 Year or Less	117	0	56	44	456	456	437
No Response	3,373		53	47	533	540	514
AP/Honors Courses	10,446	43	47	53	588	613	573
Highest Level of Mathematics Achieved*							
Calculus	7,609	32	51	49	590	620	576
Pre-calculus	7,794	33	44	56	543	548	525
Trigonometry	2,323	10	47	53	512	504	492
Algebra II	5,209	22	42	58	488	470	467
Algebra I	596	3	43	57	453	423	430

*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	3,650	15	47	53	575	597	558	
4 Years	13,446	56	45	55	548	552	531	
3 Years	5,802	24	46	54	511	507	491	
2 Years	748	3	53	47	503	511	485	
1 Year	313	1	50	50	505	514	486	
1/2 Year or Less	243	1	53	47	475	489	456	
No Response	3,563		53	47	533	539	513	
AP/Honors Courses	9,640	40	46	54	590	605	574	
Course Work or Experience								
Biology	22,939	99	46	54	541	546	523	
Chemistry	21,535	92	46	54	545	553	529	
Physics	13,534	58	50	50	561	575	544	
Geology, Earth, or Space Science	11,006	47	44	56	520	520	501	
Other Sciences	9,446	41	40	60	532	535	515	

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	2,512	10	47	53	571	573	553	
4 Years	13,260	55	47	53	551	554	534	
3 Years	7,197	30	44	56	518	527	500	
2 Years	942	4	46	54	504	519	489	
1 Year	205	1	43	57	489	500	472	
1/2 Year or Less	151	1	56	44	447	475	434	
No Response	3,498		53	47	532	540	514	
AP/Honors Courses	10,023	41	45	55	593	593	575	
Course Work or Experience								
U.S. History	22,036	95	46	54	542	548	525	
World History or Cultures	19,431	84	46	54	540	546	523	
U.S. Government or Civics	17,786	77	45	55	538	543	520	
Economics	8,370	36	47	53	540	548	522	
Geography	3,379	15	46	54	520	520	502	
Psychology	8,679	37	39	61	541	543	523	
European History	6,493	28	48	52	566	563	548	
Sociology	4,701	20	39	61	526	528	506	
Ancient History	3,469	15	51	49	547	547	531	
Other Courses	4,246	18	45	55	538	541	520	

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	2,616	11	39	61	594	602	583
4 Years	7,288	30	43	57	575	578	561
3 Years	8,454	35	47	53	538	547	519
2 Years	4,711	19	51	49	487	488	463
1 Year	652	3	50	50	449	445	420
1/2 Year or Less	553	2	58	42	435	452	413
No Response	3,491		53	47	532	539	513
AP/Honors Courses	5,304	22	42	58	604	609	593
Course Work or Experience							
Chinese	635	3	49	51	556	577	540
French	4,687	20	35	65	551	548	534
German	1,778	8	59	41	556	556	525
Greek	156	1	60	40	608	583	584
Hebrew	100	0	39	61	562	554	558
Italian	233	1	44	56	538	539	529
Japanese	214	1	41	59	576	570	545
Korean	42	0	48	52	502	561	502
Latin	2,540	11	52	48	578	574	557
Russian	91	0	57	43	551	541	531
Spanish	15,479	66	46	54	534	542	518
Other Languages	681	3	40	60	487	502	472

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	2,231	9	39	61	560	561	544
4 Years	5,488	23	37	63	560	558	544
3 Years	3,374	14	39	61	531	533	515
2 Years	5,290	22	48	52	529	537	512
1 Year	5,853	24	55	45	540	553	521
1/2 Year or Less	1,820	8	59	41	507	517	484
No Response	3,709		53	47	533	540	514
AP/Honors Courses	1,682	7	37	63	586	585	572
Course Work or Experience							
Acting or Play Production	4,432	20	33	67	569	553	552
Art History or Appreciation	4,206	19	43	57	536	531	517
Dance	2,081	9	11	89	536	529	530
Drama: Study or Appreciation	3,193	14	31	69	552	538	537
Music: Study or Appreciation	3,539	16	51	49	557	549	537
Music Performance	10,722	47	42	58	557	561	541
Photography or Film	5,266	23	36	64	539	536	522
Studio Art and Design	6,648	29	38	62	551	551	535
None	2,665	12	62	38	503	522	482

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	14,137	63	47	53	543	546	524
Computer Programming	3,849	17	63	37	538	555	516
Word Processing	13,826	62	46	54	543	546	524
Internet Activity	9,731	44	47	53	543	544	524
Using Computer Graphics	7,896	35	52	48	540	546	521
Creating Spreadsheets/Databases	8,087	36	49	51	544	550	526
None	3,147	14	36	64	542	546	529

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
3,318	8,547	2,966	653	668	645

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	245	7
2	1,391	42
3	1,322	40
4 or More	360	11

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
English											
Literature	1,067	646	86	952	669	75	640	80	659	80	
History and Social Studies											
U.S. History	1,319	673	95	1,203	669	82	664	80	658	83	
World History	126	628	110	112	663	79	642	79	649	82	
Mathematics											
Mathematics Level 1	1,062	647	85	936	636	86	654	77	633	86	
Mathematics Level 2	1,870	697	81	1,709	657	87	697	66	652	85	
Science											
Biology-E	333	656	89	299	656	87	655	82	646	93	
Biology-M	533	685	75	491	670	81	684	75	664	81	
Chemistry	1,102	671	91	994	660	87	701	67	654	85	
Physics	486	668	90	430	654	89	708	64	645	90	
Foreign and Classical Languages											
Chinese/Listening	32	750	63	29	655	80	720	67	660	103	
French	159	604	110	145	660	84	652	79	663	79	
French/Listening	29	588	101	27	658	62	636	72	658	76	
German	10	608		9	649		692		667		
German/Listening	7	589		7	649		606		624		
Modern Hebrew	4			4							
Italian	3			3							
Japanese/Listening	11	595		8	653		659		626		
Korean/Listening	8	784		8	551		676		575		
Latin	87	616	92	82	694	75	671	76	676	66	
Spanish	269	608	99	249	663	77	657	79	671	72	
Spanish/Listening	30	585	94	27	642	82	640	77	661	73	

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	119	11	337	26	21	17
700-740	238	22	297	23	19	15
650-690	231	22	249	19	19	15
600-640	201	19	181	14	15	12
550-590	140	13	117	9	18	14
500-540	72	7	67	5	17	13
450-490	38	4	32	2	12	10
400-440	22	2	24	2	3	2
350-390	6	1	14	1	2	2
300-340			1	0		
250-290						
200-240						
Total	1,067		1,319		126	
Mean	646		673		628	
SD	86		95		110	
75th percentile	710		750		720	
50th percentile	660		690		630	
25th percentile	590		620		530	

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	97	9	663	35	56	17	130	24	276	25	112	23
700-740	268	25	332	18	67	20	135	25	214	19	94	19
650-690	258	24	343	18	72	22	126	24	238	22	90	19
600-640	169	16	317	17	57	17	78	15	136	12	90	19
550-590	140	13	152	8	44	13	39	7	109	10	56	12
500-540	59	6	44	2	23	7	16	3	89	8	23	5
450-490	44	4	17	1	9	3	7	1	27	2	15	3
400-440	20	2	1	0	3	1			10	1	5	1
350-390	5	0	1	0	1	0	2	0	3	0	1	0
300-340	2	0			1	0						
250-290												
200-240												
Total	1,062		1,870		333		533		1,102		486	
Mean	647		697		656		685		671		668	
SD	85		81		89		75		91		90	
75th percentile	710		770		720		740		740		740	
50th percentile	660		710		660		690		680		670	
25th percentile	590		630		600		640		610		610	

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	22	69	19	12	3	10	2	20	1	14		
700-740	5	16	19	12	1	3	1	10	1	14	1	25
650-690	1	3	18	11	1	3						
600-640	3	9	33	21	8	28	1	10	2	29	2	50
550-590	1	3	21	13	6	21	2	20	1	14		
500-540			25	16	5	17	2	20				
450-490			8	5	3	10	2	20	1	14		
400-440			11	7					1	14		
350-390			5	3	2	7						
300-340												
250-290											1	25
200-240												
Total	32		159		29		10		7		4	
Mean	750		604		588		608		589			
SD	63		110		101							
75th percentile	800		690		620							
50th percentile	770		610		580							
25th percentile	740		520		520							

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			2	18	7	88	8	9	20	7	1	3
700-740	1	33	1	9	1	13	13	15	40	15	3	10
650-690			1	9			11	13	36	13	4	13
600-640	1	33	1	9			16	18	53	20	5	17
550-590			4	36			20	23	49	18	6	20
500-540							10	11	31	12	5	17
450-490	1	33	1	9			8	9	22	8	5	17
400-440							1	1	13	5	1	3
350-390									4	1		
300-340									1	0		
250-290			1	9								
200-240												
Total	3		11		8		87		269		30	
Mean			595		784		616		608		585	
SD							92		99		94	
75th percentile							680		680		640	
50th percentile							610		610		560	
25th percentile							550		540		500	

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	128	1	503	504	486
Architecture and Related Services	456	2	525	561	513
Area, Ethnic, Cultural and Gender Studies	24	0	577	543	560
Biological and Biomedical Sciences	1,602	6	567	571	548
Business Management, Marketing, and Related Support Services	2,470	10	519	540	506
Communication, Journalism and Related Programs	756	3	543	516	532
Computer and Information Sciences and Support Services	537	2	543	568	506
Construction Trades	17	0	436	471	411
Education	1,409	6	511	514	501
Engineering	2,696	11	568	612	542
Engineering Technologies/Technicians	300	1	515	548	486
English Language and Literature/Letters	389	2	608	544	589
Family and Consumer Sciences/Human Sciences	62	0	520	519	513
Foreign Languages, Literatures, and Linguistics	271	1	603	569	593
Health Professions and Related Clinical Services	4,886	20	527	536	516
History	341	1	585	543	542
Legal Professions and Studies	682	3	550	532	528
Liberal Arts and Sciences, General Studies, and Humanities	228	1	579	546	565
Library Science And Administration	9	0	593	526	519
Mathematics and Statistics	286	1	546	623	536
Mechanic and Repair Technologies/Technician	15	0	435	464	382
Military Technologies And Applied Sciences	9	0	457	436	410
Multi/Interdisciplinary Studies	42	0	630	612	632
Natural Resources and Conservation	106	0	551	542	532
Parks, Recreation, Leisure and Fitness Studies	155	1	484	501	472
Personal and Culinary Services	63	0	482	466	455
Philosophy and Religious Studies	66	0	600	572	582
Physical Sciences	465	2	582	602	556
Precision Production	1	0			
Psychology	1,122	5	542	520	521
Public Administration and Social Services Professions	85	0	506	473	492
Security and Protective Services	400	2	487	490	470
Social Sciences	545	2	600	574	572
Theology and Religious Vocations	45	0	576	550	544
Transportation and Materials Moving	12	0	466	516	456
Visual and Performing Arts	1,867	8	543	521	524
Other	387	2	497	496	474
Undecided	1,884	8	561	570	547
Degree-Level Goal					
Certificate Program	139	1	476	487	459
Associate Degree	173	1	452	431	420
Bachelor's Degree	8,044	31	512	517	493
Master's Degree	7,586	30	543	549	526
Doctoral or Related Degree	6,007	24	569	576	554
Other	100	0	515	515	491
Undecided	3,512	14	550	553	532

College Plans

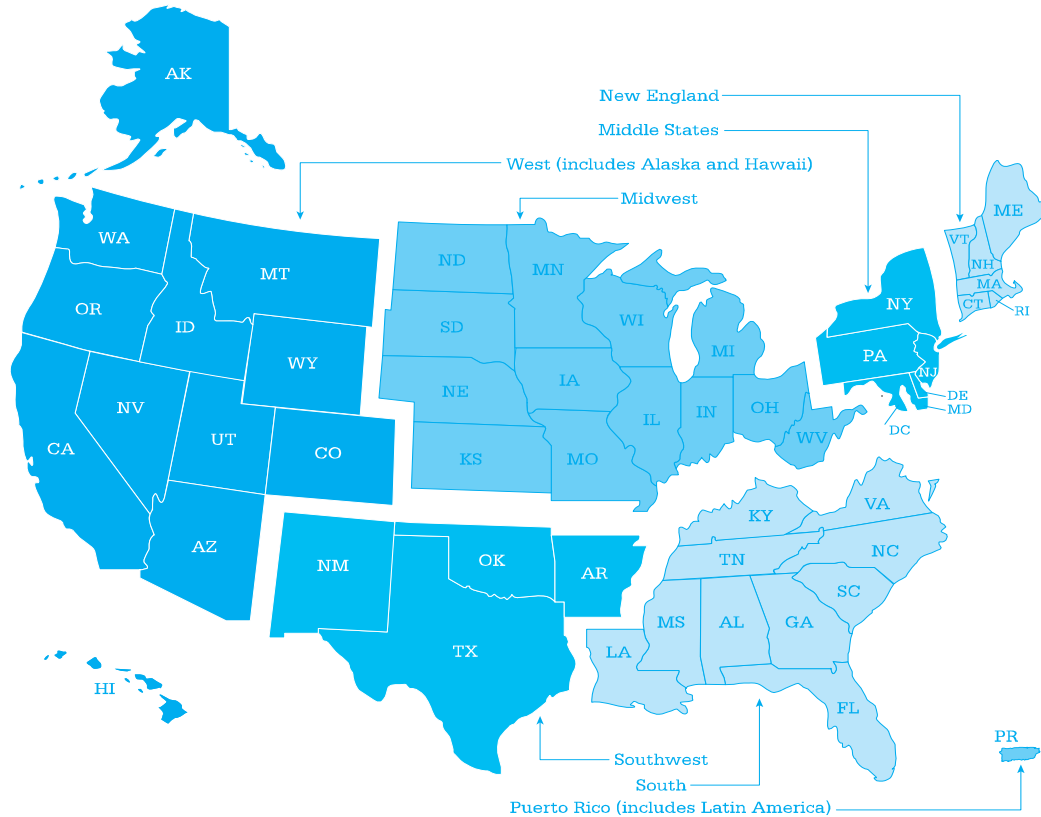
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 28,117 students from your state who took the SAT and/or an SAT Subject Test, 18,850 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 1,693 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	7,427	39.4
UNIVERSITY OF CINCINNATI	OH	Public	5,021	26.6
MIAMI UNIVERSITY	OH	Public	4,328	23.0
OHIO UNIVERSITY ATHENS	OH	Public	3,147	16.7
UNIVERSITY OF DAYTON	OH	Private	2,109	11.2
KENT STATE UNIVERSITY	OH	Public	1,960	10.4
BOWLING GREEN STATE UNIVERSITY	OH	Public	1,781	9.4
CASE WESTERN RESERVE UNIVERSITY	OH	Private	1,704	9.0
XAVIER UNIVERSITY	OH	Private	1,330	7.1
UNIVERSITY OF AKRON	OH	Public	1,285	6.8
UNIVERSITY OF TOLEDO	OH	Public	1,251	6.6
WRIGHT STATE UNIVERSITY DAYTON	OH	Public	1,229	6.5
NORTHWESTERN UNIVERSITYS MIDWEST ACDMC T	IL	Scholarship	1,172	6.2
NCAA ELIGIBILITY CENTER	IN	Public	1,053	5.6
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	1,008	5.3
NORTHWESTERN UNIVERSITY	IL	Private	953	5.1
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	931	4.9
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	804	4.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	772	4.1
OHIO DEPARTMENT OF EDUCATION GIFTED PROG	OH	Scholarship	752	4.0
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	749	4.0
CLEVELAND STATE UNIVERSITY	OH	Public	743	3.9
CORNELL UNIVERSITY	NY	Private	726	3.9
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	713	3.8
NORTHERN KENTUCKY UNIVERSITY	KY	Public	684	3.6
UNIVERSITY OF NOTRE DAME	IN	Private	653	3.5
PRINCETON UNIVERSITY	NJ	Private	636	3.4
DUKE UNIVERSITY	NC	Private	621	3.3
JOHN CARROLL UNIVERSITY	OH	Private	618	3.3
OHIO NORTHERN UNIVERSITY	OH	Private	559	3.0
CARNEGIE MELLON UNIVERSITY	PA	Private	559	3.0
VANDERBILT UNIVERSITY	TN	Private	558	3.0
UNIVERSITY OF CHICAGO	IL	Private	545	2.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	544	2.9
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	544	2.9
WASHINGTON UNIVERSITY	MO	Private	531	2.8
YALE UNIVERSITY	CT	Private	501	2.7
BALDWIN-WALLACE COLLEGE	OH	Private	493	2.6
PENNSYLVANIA STATE UNIVERSITY	PA	Public	489	2.6
NEW YORK UNIVERSITY	NY	Private	485	2.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	476	2.5
LOYOLA UNIVERSITY CHICAGO	IL	Private	474	2.5
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	470	2.5
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	457	2.4
OTTERBEIN UNIVERSITY	OH	Private	448	2.4

*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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