

SAT[®]

2014 College-Bound Seniors

State Profile Report



OHIO

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	19,040	555	103	562	105	535	105	54.0	10.7	7.3	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	8,964	560	105	582	107	531	106	53.9	10.9	7.1	1.5
Female	10,076	551	101	545	101	538	103	54.1	10.6	7.4	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)	8,091	542	107	547	109	520	106	52.5	10.9	7.1	1.5
Junior (2012-2013)	10,653	566	99	574	101	547	102	55.2	10.4	7.4	1.4
Sophomore (2011-2012)	238	552	94	569	96	536	92	53.9	9.5	7.6	1.4
Freshman (2010-2011)	58	488	86	538	97	459	91	47.6	9.3	6.2	1.5
Total	19,040	555	103	562	105	535	105	54.0	10.7	7.3	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	630	640	610	570	600	560
50th	560	560	530	490	510	480
25th	480	490	460	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	876	766	1,642	1,351	701	2,052	584	713	1,297
600-690	2,499	2,564	5,063	2,853	2,518	5,371	1,913	2,182	4,095
500-590	3,190	3,779	6,969	2,843	3,672	6,515	3,075	3,667	6,742
400-490	1,867	2,366	4,233	1,527	2,553	4,080	2,516	2,751	5,267
300-390	465	528	993	359	550	909	781	694	1,475
200-290	67	73	140	31	82	113	95	69	164

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	13,046	71	45	55	551	562	528
Religiously Affiliated	4,317	24	54	46	559	559	545
Independent	955	5	47	53	601	612	597
Other or Unknown	722		43	57	548	518	515

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	1,091	6	531	107	530	106	503	102
Nonstandard Conditions	381	2	533	109	540	118	513	105

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	65	0	559	81	537	87	529	90
Asian, Asian American, or Pacific Islander	1,393	7	578	127	639	106	577	129
Black or African American	1,830	10	473	102	467	100	453	99
Mexican or Mexican American	150	1	535	107	526	108	511	108
Puerto Rican	120	1	528	115	513	119	510	110
Other Hispanic, Latino, or Latin American	285	1	548	99	548	113	521	106
White	14,315	75	564	95	569	96	542	96
Other	599	3	564	112	559	113	547	113
No Response	283	1	529	113	526	99	506	112
Total	19,040	100	555	103	562	105	535	105

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	28	0	571	82	561	85	528	98
Asian, Asian American, or Pacific Islander	644	3	580	131	660	102	574	135
Black or African American	753	4	474	107	479	105	445	104
Mexican or Mexican American	65	0	536	99	548	102	506	92
Puerto Rican	53	0	558	113	560	124	530	112
Other Hispanic, Latino, or Latin American	146	1	556	96	564	113	522	104
White	6,860	36	569	97	588	98	538	98
Other	266	1	569	115	577	114	541	120
No Response	149	1	522	113	531	95	489	107
Total	8,964	47	560	105	582	107	531	106

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	37	0	550	78	520	85	530	84
Asian, Asian American, or Pacific Islander	749	4	577	123	621	106	580	123
Black or African American	1,077	6	473	99	459	95	458	94
Mexican or Mexican American	85	0	535	113	508	108	515	118
Puerto Rican	67	0	503	110	476	100	494	105
Other Hispanic, Latino, or Latin American	139	1	540	101	530	110	519	107
White	7,455	39	560	93	551	92	547	95
Other	333	2	560	110	545	111	551	107
No Response	134	1	536	112	519	103	525	115
Total	10,076	53	551	101	545	101	538	103

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	19,040	100	555	103	562	105	535	105
First Language Learned								
English	16,676	89	556	100	559	102	534	101
English and Another	1,238	7	565	119	586	123	556	125
Another Language	910	5	528	131	594	125	530	132
No Response	216		546	117	552	109	522	113
Citizenship								
U.S. Citizen / U.S. National	18,088	97	558	101	562	104	537	103
U.S. Permanent Resident or Refugee	310	2	551	139	588	136	549	141
Citizen of Another Country	268	1	481	117	611	111	496	127
Other, Unknown, or No Response	374		495	121	524	114	480	116
Plans to Apply for Financial Aid								
Yes	13,083	76	554	103	557	105	532	104
No	1,298	8	563	98	577	100	551	101
Don't Know	2,834	16	561	103	578	103	544	106
No Response	1,825		551	110	566	108	534	110
Family Income								
\$0 - \$20,000	667	5	473	107	478	109	451	99
\$20,000–\$40,000	1,129	9	515	106	516	103	492	100
\$40,000–\$60,000	1,469	12	533	98	531	101	508	96
\$60,000–\$80,000	1,721	14	547	97	547	100	522	99
\$80,000–\$100,000	1,815	15	554	97	561	98	531	98
\$100,000–\$120,000	1,739	14	557	97	566	97	535	95
\$120,000–\$140,000	892	7	558	99	570	100	536	100
\$140,000–\$160,000	686	6	576	95	584	96	559	98
\$160,000–\$200,000	814	7	567	97	573	97	547	96
More than \$200,000	1,459	12	583	93	598	94	572	97
No Response	6,649		567	106	576	108	549	108
Highest Level of Parental Education								
No High School Diploma	192	1	443	108	491	128	444	107
High School Diploma	3,013	16	506	100	510	101	482	96
Associate Degree	1,238	7	514	94	517	98	491	94
Bachelor's Degree	7,530	40	554	96	563	99	535	96
Graduate Degree	6,628	36	593	98	599	100	574	102
No Response	439		498	107	504	103	478	106
Took the PSAT/NMSQT®								
Yes, As a Junior	5,526	31	556	102	563	103	534	102
Yes, As a Sophomore or Younger	3,686	21	547	96	554	100	526	97
Yes, As a Junior and As a Sophomore or Younger	5,985	33	591	96	597	99	574	99
No	2,728	15	497	98	502	98	471	93
No Response	1,115		530	108	546	106	513	106

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	4,193	44	44	56	620	633	604
Second Tenth	2,510	26	47	53	555	569	536
Second Fifth	1,573	16	52	48	519	528	494
Final Three Fifths	1,302	14	54	46	483	486	458
No Response	9,462		47	53	543	545	522

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)	2,291	12	41	59	624	638	613
A (93–96)	5,553	30	41	59	593	604	577
A- (90–92)	4,027	22	46	54	555	565	535
B (80–89)	5,651	31	53	47	508	509	482
C (70–79)	801	4	63	37	454	445	424
D, E, or F (below 70)	15	0	73	27	467	453	423
No Response	702		53	47	533	533	506
Mean Grade Point Average	All Students: 3.61		Male: 3.54		Female: 3.68		

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	2.8	2.5	3.83	3.94	3.89
English and Language Arts	4.0	4.0	4.0	3.49	3.70	3.60
Foreign and Classical Languages	3.2	3.3	3.3	3.40	3.61	3.51
Mathematics	4.2	4.2	4.2	3.48	3.49	3.49
Natural Sciences	3.9	3.9	3.9	3.52	3.54	3.53
Social Sciences and History	3.8	3.8	3.8	3.61	3.66	3.64
Total for All Subjects	21.4	22.0	21.7			

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	2,027	12	44	56	575	583	556	
4 Years	12,775	76	47	53	561	567	540	
3 Years	1,561	9	45	55	511	514	489	
2 Years	216	1	48	52	515	541	502	
1 Year	64	0	48	52	511	514	499	
1/2 Year or Less	75	0	53	47	480	509	462	
No Response	2,322		50	50	544	557	528	
AP@/Honors Courses	8,697	52	40	60	600	600	580	
Course Work or Experience								
English/Language Arts	15,431	98	46	54	558	563	537	
Journalism	1,314	8	33	67	554	549	540	
Creative Writing	3,146	20	39	61	548	537	528	
American Literature	10,606	67	46	54	563	566	542	
Composition/Writing	7,704	49	46	54	556	558	536	
British Literature	5,560	35	44	56	572	570	551	
World Literature	5,410	34	45	55	564	564	543	
Communications	1,651	10	46	54	544	546	526	
Public Speaking	4,727	30	47	53	560	562	541	
English As Second Language	475	3	47	53	477	541	474	
Mathematics								
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	5,192	31	47	53	588	615	569	
4 Years	9,871	59	47	53	549	546	528	
3 Years	1,349	8	43	57	504	498	484	
2 Years	175	1	50	50	514	537	498	
1 Year	67	0	49	51	501	516	474	
1/2 Year or Less	84	1	45	55	483	487	461	
No Response	2,302		50	50	544	557	528	
AP/Honors Courses	8,596	51	48	52	597	620	579	
Highest Level of Mathematics Achieved*								
Calculus	7,876	48	51	49	598	625	581	
Pre-calculus	4,857	30	42	58	536	528	512	
Geometry	3,192	20	42	58	495	471	469	
Algebra II	133	1	48	52	470	463	452	
Algebra I	36	0	47	53	444	419	428	

*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	3,029	18	46	54	587	609	569	
4 Years	9,505	57	47	53	562	568	542	
3 Years	3,222	19	45	55	524	516	499	
2 Years	478	3	53	47	518	536	499	
1 Year	197	1	49	51	519	522	496	
1/2 Year or Less	169	1	38	62	492	498	472	
No Response	2,440		50	50	543	555	527	
AP/Honors Courses	7,831	47	47	53	601	617	583	
Course Work or Experience								
Biology	15,709	98	46	54	558	563	537	
Chemistry	15,108	95	46	54	562	569	541	
Physics	11,844	74	50	50	572	586	553	
Geology, Earth, or Space Science	7,126	45	45	55	537	537	514	
Other Sciences	7,168	45	41	59	548	550	528	

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	2,031	12	47	53	584	590	564	
4 Years	9,632	58	47	53	566	571	546	
3 Years	4,206	25	46	54	532	541	511	
2 Years	565	3	48	52	510	528	492	
1 Year	109	1	56	44	505	522	485	
1/2 Year or Less	111	1	46	54	480	490	464	
No Response	2,386		50	50	543	556	526	
AP/Honors Courses	8,098	49	45	55	603	606	582	
Course Work or Experience								
U.S. History	15,332	96	46	54	559	565	538	
World History or Cultures	13,267	83	46	54	558	563	537	
U.S. Government or Civics	13,971	88	46	54	558	564	537	
Economics	7,376	46	48	52	561	568	539	
Geography	2,172	14	48	52	534	536	512	
Psychology	7,289	46	38	62	559	562	538	
European History	4,055	25	47	53	582	579	560	
Sociology	3,393	21	37	63	537	539	516	
Ancient History	1,953	12	51	49	564	561	542	
Other Courses	3,245	20	42	58	554	553	531	

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	2,032	12	39	61	604	617	592
4 Years	5,059	30	45	55	587	590	571
3 Years	5,914	36	48	52	552	561	529
2 Years	2,919	18	52	48	503	502	473
1 Year	361	2	54	46	487	487	458
1/2 Year or Less	364	2	52	48	459	485	436
No Response	2,391		50	50	543	557	527
AP/Honors Courses	4,378	26	42	58	611	620	599
Course Work or Experience							
Chinese	624	4	50	50	577	598	558
French	3,282	20	35	65	565	563	544
German	1,101	7	57	43	573	576	541
Greek	139	1	60	40	601	591	584
Hebrew	58	0	47	53	596	611	588
Italian	143	1	48	52	545	547	522
Japanese	118	1	46	54	568	591	535
Korean	25	0	44	56	490	606	522
Latin	1,882	12	56	44	595	589	572
Russian	85	1	51	49	544	538	518
Spanish	10,074	63	47	53	550	558	531
Other Languages	516	3	39	61	511	516	494

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	1,691	10	37	63	576	579	555	
4 Years	3,812	23	40	60	576	575	556	
3 Years	2,207	13	38	62	544	545	524	
2 Years	3,651	22	48	52	546	553	526	
1 Year	4,005	24	57	43	555	570	533	
1/2 Year or Less	1,109	7	59	41	528	540	505	
No Response	2,565		51	49	545	558	528	
AP/Honors Courses	1,395	8	37	63	605	604	589	
Course Work or Experience								
Acting or Play Production	3,125	20	32	68	585	570	562	
Art History or Appreciation	2,695	17	42	58	549	546	527	
Dance	1,395	9	12	88	552	546	539	
Drama: Study or Appreciation	2,230	14	30	70	564	551	544	
Music: Study or Appreciation	2,298	15	50	50	572	566	546	
Music Performance	7,731	49	43	57	574	578	554	
Photography or Film	3,446	22	34	66	549	547	531	
Studio Art and Design	4,674	30	38	62	562	563	544	
None	1,668	11	62	38	522	540	497	
Computers								
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	8,832	61	48	52	562	566	541	
Computer Programming	2,660	18	68	32	566	589	543	
Word Processing	8,010	55	46	54	565	569	544	
Internet Activity	6,420	44	47	53	564	566	542	
Using Computer Graphics	5,018	35	53	47	555	566	534	
Creating Spreadsheets/Databases	4,992	34	49	51	563	572	543	
None	2,596	18	38	62	556	564	538	

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
3,097	7,811	2,600	657	679	650

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	346	11
2	1,299	42
3	1,072	35
4 or More	380	12

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	749	657	85	641	673	79	652	78	661	81	
History and Social Studies											
U.S. History	1,060	688	83	932	672	79	672	81	663	84	
World History	141	650	97	124	683	79	672	78	671	82	
Mathematics											
Mathematics Level 1	815	654	84	666	635	84	657	79	631	89	
Mathematics Level 2	1,979	711	79	1,687	666	84	706	63	663	84	
Science											
Biology-E	315	668	84	259	667	76	681	77	660	88	
Biology-M	505	700	78	433	678	83	704	71	677	86	
Chemistry	1,238	688	91	1,053	667	83	704	68	664	84	
Physics	553	674	85	469	656	93	709	64	651	89	
Foreign and Classical Languages											
Chinese/Listening	37	750	72	34	609	140	701	83	628	155	
French	91	589	104	78	668	82	660	69	660	82	
French/Listening	11	605		10	669		626		643		
German	10	669		9	676		677		681		
German/Listening	10	607		9	681		640		667		
Modern Hebrew	6	520		6	682		693		678		
Italian											
Japanese/Listening	11	686		7	594		646		553		
Korean/Listening	5	778		4							
Latin	66	636	108	62	695	74	690	63	685	71	
Spanish	189	610	103	161	657	78	673	79	670	79	
Spanish/Listening	20	624		19	678		654		679		

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	103	14	322	30	28	20
700-740	176	23	253	24	25	18
650-690	168	22	215	20	22	16
600-640	144	19	115	11	21	15
550-590	82	11	88	8	22	16
500-540	44	6	39	4	15	11
450-490	18	2	16	2	7	5
400-440	9	1	10	1	1	1
350-390	4	1	2	0		
300-340	1	0				
250-290						
200-240						
Total	749		1,060		141	
Mean	657		688		650	
SD	85		83		97	
75th percentile	720		750		730	
50th percentile	660		700		650	
25th percentile	600		640		570	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	101	12	837	42	55	17	173	34	419	34	140	25
700-740	198	24	383	19	76	24	134	27	253	20	96	17
650-690	182	22	338	17	78	25	86	17	192	16	118	21
600-640	155	19	240	12	43	14	63	12	161	13	97	18
550-590	94	12	120	6	36	11	26	5	110	9	65	12
500-540	45	6	43	2	18	6	14	3	59	5	22	4
450-490	26	3	15	1	6	2	5	1	35	3	12	2
400-440	10	1	1	0	2	1	1	0	8	1	2	0
350-390	2	0	2	0	1	0	2	0	1	0	1	0
300-340	1	0					1	0				
250-290	1	0										
200-240												
Total	815		1,979		315		505		1,238		553	
Mean	654		711		668		700		688		674	
SD	84		79		84		78		91		85	
75th percentile	720		780		730		760		760		750	
50th percentile	670		730		680		710		710		680	
25th percentile	610		660		620		660		620		620	

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	24	65	7	8	2	18	4	40	1	10		
700-740	7	19	8	9			2	20	2	20	1	17
650-690	2	5	14	15	1	9			1	10		
600-640	2	5	13	14	2	18						
550-590			18	20	3	27	1	10	2	20	1	17
500-540	2	5	13	14	2	18	2	20	3	30		
450-490			9	10	1	9	1	10	1	10	3	50
400-440			6	7							1	17
350-390			3	3								
300-340												
250-290												
200-240												
Total	37		91		11		10		10		6	
Mean	750		589		605		669		607		520	
SD	72		104									
75th percentile	800		660									
50th percentile	790		580									
25th percentile	720		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			5	45	4	80	15	23	17	9	4	20
700-740			1	9	1	20	5	8	30	16	3	15
650-690			2	18			12	18	31	16	1	5
600-640			2	18			11	17	25	13	2	10
550-590							8	12	27	14	5	25
500-540							6	9	27	14	3	15
450-490							6	9	20	11	2	10
400-440							3	5	10	5		
350-390									2	1		
300-340			1	9								
250-290												
200-240												
Total			11		5		66		189		20	
Mean			686		778		636		610		624	
SD							108		103			
75th percentile							730		690		710	
50th percentile							640		620		580	
25th percentile							550		530		540	

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	95	1	551	535	524
Architecture and Related Services	232	1	533	566	515
Area, Ethnic, Cultural and Gender Studies	20	0	598	548	574
Biological and Biomedical Sciences	1,307	8	585	589	566
Business Management, Marketing, and Related Support Services	1,883	11	536	558	522
Communication, Journalism and Related Programs	462	3	540	513	530
Computer and Information Sciences and Support Services	543	3	574	598	540
Construction Trades	4	0			
Education	775	4	526	524	512
Engineering	2,392	14	581	624	557
Engineering Technologies/Technicians	147	1	523	561	492
English Language and Literature/Letters	259	1	624	562	598
Family and Consumer Sciences/Human Sciences	31	0	528	510	489
Foreign Languages, Literatures, and Linguistics	150	1	608	574	586
Health Professions and Related Clinical Services	3,168	18	538	547	525
History	208	1	568	530	519
Legal Professions and Studies	428	2	564	544	537
Liberal Arts and Sciences, General Studies, and Humanities	140	1	569	538	546
Library Science And Administration	1	0			
Mathematics and Statistics	177	1	571	648	559
Mechanic and Repair Technologies/Technician	10	0	496	505	446
Military Technologies And Applied Sciences	73	0	551	560	509
Multi/Interdisciplinary Studies	146	1	630	620	612
Natural Resources and Conservation	81	0	570	560	543
Parks, Recreation, Leisure and Fitness Studies	89	1	481	502	460
Personal and Culinary Services	35	0	480	481	446
Philosophy and Religious Studies	41	0	607	559	563
Physical Sciences	377	2	601	621	575
Precision Production	0	0			
Psychology	691	4	548	527	527
Public Administration and Social Services Professions	43	0	523	493	495
Security and Protective Services	285	2	493	495	467
Social Sciences	364	2	608	575	582
Theology and Religious Vocations	45	0	580	554	540
Transportation and Materials Moving	2	0			
Visual and Performing Arts	1,224	7	557	540	532
Other	211	1	511	514	489
Undecided	1,213	7	584	586	563
Degree-Level Goal					
Certificate Program	68	0	493	508	462
Associate Degree	87	0	455	448	419
Bachelor's Degree	5,351	31	525	530	501
Master's Degree	5,333	31	558	568	540
Doctoral or Related Degree	4,430	25	586	591	568
Other	37	0	481	482	459
Undecided	2,167	12	570	572	547

College Plans

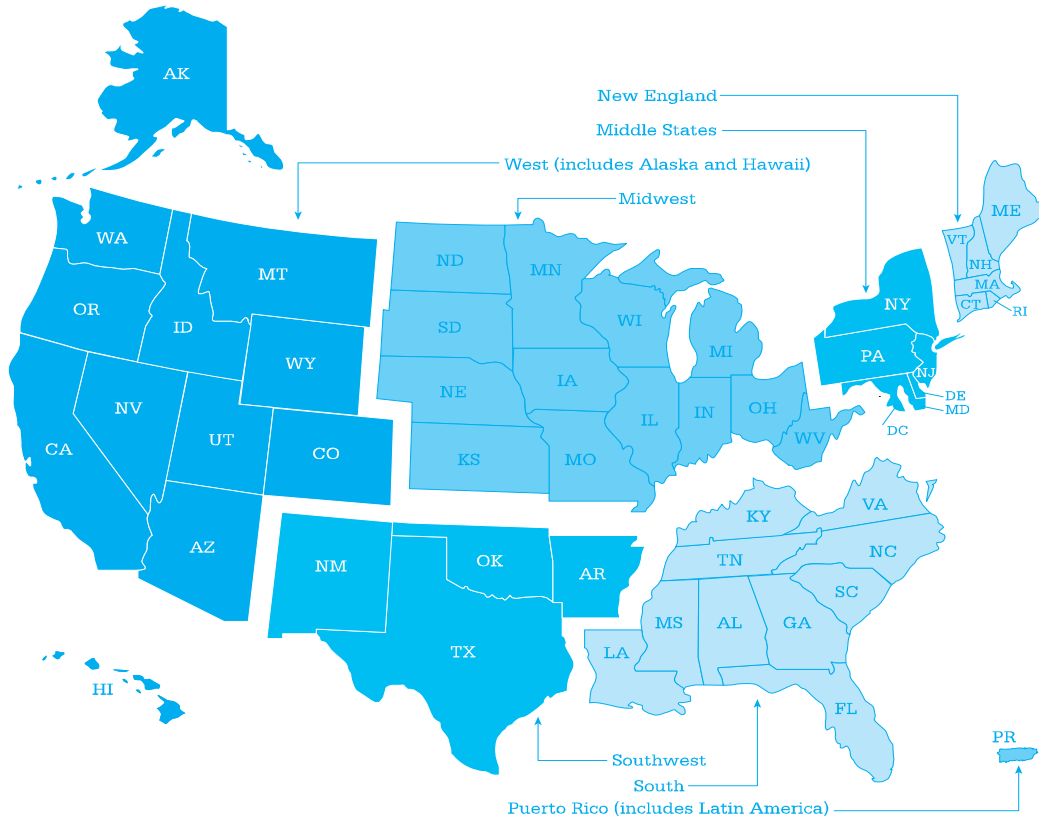
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 19,537 students from your state who took the SAT and/or an SAT Subject Test, 12,715 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 1,499 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Ohio State University: Columbus Campus	OH	Public	5,043	39.7
University of Cincinnati	OH	Public	3,124	24.6
Miami University: Oxford	OH	Public	2,791	22.0
Ohio University	OH	Public	2,071	16.3
Case Western Reserve University	OH	Private	1,539	12.1
Kent State University	OH	Public	1,336	10.5
University of Dayton	OH	Private	1,182	9.3
Bowling Green State University	OH	Public	977	7.7
University of Michigan	MI	Public	944	7.4
Northwestern Univ - Ctr for Talent Dev Prog	IL	Scholarship	878	6.9
Northwestern University	IL	Private	861	6.8
University of Akron	OH	Public	816	6.4
Purdue University	IN	Public	760	6.0
Wright State University	OH	Public	716	5.6
Xavier University	OH	Private	713	5.6
Cornell University	NY	Private	689	5.4
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	682	5.4
University of Toledo	OH	Public	622	4.9
Harvard College	MA	Private	600	4.7
NCAA Eligibility Center	IN	Public	582	4.6
University of Pennsylvania	PA	Private	558	4.4
Cleveland State University	OH	Public	547	4.3
University of Chicago	IL	Private	547	4.3
Vanderbilt University	TN	Private	540	4.2
Princeton University	NJ	Private	522	4.1
Carnegie Mellon University	PA	Private	519	4.1
Indiana University Bloomington	IN	Public	512	4.0
Stanford University	CA	Private	509	4.0
Duke University	NC	Private	482	3.8
Yale University	CT	Private	471	3.7
Massachusetts Institute of Technology	MA	Private	470	3.7
University of Kentucky	KY	Public	470	3.7
Washington University in St. Louis	MO	Private	463	3.6
University of Notre Dame	IN	Private	456	3.6
University of Pittsburgh	PA	Private	452	3.6
Columbia University	NY	Private	434	3.4
John Carroll University	OH	Private	386	3.0
Northern Kentucky University	KY	Public	359	2.8
New York University	NY	Private	351	2.8
Brown University	RI	Private	339	2.7
University of North Carolina at Chapel Hill	NC	Public	335	2.6
Loyola University Chicago	IL	Private	319	2.5
Baldwin Wallace University	OH	Private	316	2.5
Boston University	MA	Private	300	2.4
Johns Hopkins University	MD	Private	295	2.3

*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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