

SAT[®]

2014 College-Bound Seniors

State Profile Report



KENTUCKY

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	1,944	589	109	585	109	572	106	58.0	11.0	7.5	1.4

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	896	592	113	606	114	567	110	57.7	11.4	7.3	1.5
Female	1,048	586	105	566	101	577	102	58.2	10.7	7.7	1.3

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2013-2014)	1,035	585	115	579	115	566	110	57.4	11.5	7.4	1.4
Junior (2012-2013)	840	598	100	593	103	585	100	59.1	10.4	7.7	1.4
Sophomore (2011-2012)	55	543	96	567	89	519	97	52.8	9.5	7.1	1.7
Freshman (2010-2011)	14	527		569		507		53.2		6.4	
Total	1,944	589	109	585	109	572	106	58.0	11.0	7.5	1.4

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	670	670	650	570	600	560
50th	590	590	570	490	510	480
25th	520	510	500	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	156	150	306	205	108	313	106	122	228
600–690	294	360	654	320	321	641	272	352	624
500–590	285	338	623	219	367	586	290	336	626
400–490	120	149	269	115	204	319	168	189	357
300–390	30	50	80	31	40	71	48	48	96
200–290	11	1	12	6	8	14	12	1	13

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,138	64	46	54	588	591	571
Religiously Affiliated	488	27	47	53	598	589	586
Independent	154	9	46	54	588	591	582
Other or Unknown	164		43	57	571	519	536

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	96	5	562	95	563	103	538	92
Nonstandard Conditions	44	2	578	97	570	114	556	100

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	8	0	613		580		569	
Asian, Asian American, or Pacific Islander	204	10	559	130	639	100	574	124
Black or African American	115	6	517	117	503	118	497	114
Mexican or Mexican American	14	1	524		509		511	
Puerto Rican	11	1	528		508		514	
Other Hispanic, Latino, or Latin American	38	2	603	122	592	95	580	104
White	1,474	76	599	101	585	104	579	100
Other	62	3	609	113	590	121	589	115
No Response	18	1	552		491		535	
Total	1,944	100	589	109	585	109	572	106

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	2	0						
Asian, Asian American, or Pacific Islander	94	5	571	138	667	94	572	124
Black or African American	52	3	504	123	515	130	477	127
Mexican or Mexican American	4	0						
Puerto Rican	6	0	528		473		475	
Other Hispanic, Latino, or Latin American	17	1	589		614		568	
White	693	36	601	103	606	108	574	103
Other	22	1	630		632		588	
No Response	6	0	570		527		538	
Total	896	46	592	113	606	114	567	110

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	6	0	610		572		583	
Asian, Asian American, or Pacific Islander	110	6	549	123	615	99	576	125
Black or African American	63	3	527	111	493	106	514	98
Mexican or Mexican American	10	1	536		530		521	
Puerto Rican	5	0	528		550		560	
Other Hispanic, Latino, or Latin American	21	1	614		574		590	
White	781	40	597	99	567	97	583	97
Other	40	2	598	115	567	111	590	116
No Response	12	1	543		473		533	
Total	1,048	54	586	105	566	101	577	102

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	1,944	100	589	109	585	109	572	106
First Language Learned								
English	1,652	86	595	104	581	108	574	103
English and Another	149	8	590	113	602	112	585	110
Another Language	127	7	510	128	613	111	535	132
No Response	16		620		569		603	
Citizenship								
U.S. Citizen / U.S. National	1,817	95	596	104	585	107	577	103
U.S. Permanent Resident or Refugee	40	2	531	132	604	115	547	126
Citizen of Another Country	57	3	442	130	600	123	479	129
Other, Unknown, or No Response	30		516	75	497	128	501	82
Plans to Apply for Financial Aid								
Yes	1,251	71	590	108	581	111	572	106
No	181	10	580	101	587	104	570	99
Don't Know	322	18	585	120	594	110	575	115
No Response	190		594	103	588	98	575	99
Family Income								
\$0 - \$20,000	67	5	493	141	506	113	478	113
\$20,000–\$40,000	107	8	559	95	556	113	537	101
\$40,000–\$60,000	145	11	562	113	550	110	548	100
\$60,000–\$80,000	187	15	589	101	574	103	559	104
\$80,000–\$100,000	161	13	582	105	576	108	557	97
\$100,000–\$120,000	161	13	590	104	576	110	558	97
\$120,000–\$140,000	102	8	597	100	579	102	570	102
\$140,000–\$160,000	72	6	614	94	622	94	600	89
\$160,000–\$200,000	101	8	587	102	591	98	574	94
More than \$200,000	181	14	601	97	613	102	599	95
No Response	660		604	110	600	107	594	109
Highest Level of Parental Education								
No High School Diploma	12	1	522		554		533	
High School Diploma	215	11	525	110	525	112	510	102
Associate Degree	94	5	556	125	539	116	523	113
Bachelor's Degree	722	38	582	103	579	103	565	98
Graduate Degree	863	45	618	101	612	103	602	102
No Response	38		534	104	532	104	525	104
Took the PSAT/NMSQT®								
Yes, As a Junior	581	32	607	103	603	100	592	95
Yes, As a Sophomore or Younger	353	19	566	99	557	102	549	96
Yes, As a Junior and As a Sophomore or Younger	583	32	628	95	627	96	613	98
No	302	17	509	112	504	106	488	102
No Response	125		581	92	571	103	562	93

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	661	61	46	54	643	638	625
Second Tenth	265	24	46	54	558	570	546
Second Fifth	111	10	47	53	533	535	514
Final Three Fifths	54	5	54	46	470	438	445
No Response	853		45	55	572	563	555

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)	401	21	40	60	649	642	631
A (93–96)	753	40	43	57	611	610	597
A- (90–92)	347	18	45	55	559	560	544
B (80–89)	358	19	56	44	523	514	504
C (70–79)	37	2	81	19	468	442	437
D, E, or F (below 70)	2	0	50	50			
No Response	46		50	50	549	531	515
Mean Grade Point Average	All Students: 3.81		Male: 3.73		Female: 3.87		

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	2.0	2.5	2.3	3.90	3.96	3.93
English and Language Arts	4.0	4.0	4.0	3.70	3.86	3.78
Foreign and Classical Languages	2.9	3.1	3.0	3.65	3.79	3.73
Mathematics	4.1	4.1	4.1	3.61	3.67	3.65
Natural Sciences	3.8	3.8	3.8	3.67	3.73	3.70
Social Sciences and History	3.7	3.6	3.7	3.69	3.80	3.75
Total for All Subjects	20.5	21.1	20.9			

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	229	13	45	55	598	598	581	
4 Years	1,328	78	45	55	594	589	577	
3 Years	103	6	53	47	543	544	538	
2 Years	21	1	48	52	518	537	526	
1 Year	7	0	29	71	474	523	483	
1/2 Year or Less	12	1	50	50	468	533	455	
No Response	244		50	50	587	575	568	
AP@/Honors Courses	1,210	71	42	58	616	608	599	
Course Work or Experience								
English/Language Arts	1,565	98	44	56	591	586	574	
Journalism	166	10	30	70	581	554	566	
Creative Writing	329	21	40	60	576	553	557	
American Literature	945	59	43	57	599	592	585	
Composition/Writing	792	50	43	57	587	578	574	
British Literature	484	30	43	57	611	599	597	
World Literature	549	34	42	58	600	592	589	
Communications	160	10	49	51	562	554	543	
Public Speaking	377	24	39	61	584	572	568	
English As Second Language	69	4	42	58	477	574	497	
Mathematics								
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	419	25	50	50	609	625	591	
4 Years	1,120	66	44	56	590	579	573	
3 Years	116	7	47	53	542	532	531	
2 Years	23	1	43	57	527	532	518	
1 Year	9	1	44	56	521	608	521	
1/2 Year or Less	12	1	58	42	495	496	472	
No Response	245		50	50	586	574	567	
AP/Honors Courses	1,125	66	46	54	614	623	600	
Highest Level of Mathematics Achieved*								
Calculus	970	59	49	51	625	641	611	
Pre-calculus	408	25	41	59	552	532	537	
Geometry	241	15	38	62	521	473	494	
Algebra II	17	1	29	71	488	464	467	
Algebra I	1	0	100	0				

*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	275	16	48	52	624	640	609	
4 Years	894	53	46	54	595	590	580	
3 Years	423	25	41	59	567	553	547	
2 Years	51	3	55	45	557	536	531	
1 Year	28	2	54	46	537	559	512	
1/2 Year or Less	17	1	59	41	526	526	511	
No Response	256		50	50	584	573	566	
AP/Honors Courses	988	59	45	55	619	622	602	
Course Work or Experience								
Biology	1,596	98	45	55	590	586	573	
Chemistry	1,552	96	45	55	593	590	577	
Physics	1,151	71	49	51	603	608	587	
Geology, Earth, or Space Science	770	47	46	54	584	577	564	
Other Sciences	687	42	41	59	586	580	571	

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	192	11	48	52	609	607	589	
4 Years	840	50	46	54	600	587	583	
3 Years	587	35	44	56	578	584	561	
2 Years	45	3	42	58	544	542	556	
1 Year	13	1	46	54	475	556	462	
1/2 Year or Less	13	1	46	54	486	520	456	
No Response	254		49	51	583	573	565	
AP/Honors Courses	1,149	68	43	57	618	611	600	
Course Work or Experience								
U.S. History	1,581	98	45	55	590	587	574	
World History or Cultures	1,339	83	46	54	592	588	575	
U.S. Government or Civics	1,054	65	44	56	589	580	571	
Economics	511	32	49	51	597	592	577	
Geography	712	44	52	48	588	589	574	
Psychology	661	41	41	59	598	587	582	
European History	470	29	47	53	605	595	587	
Sociology	172	11	37	63	568	548	551	
Ancient History	228	14	42	58	590	563	568	
Other Courses	273	17	35	65	586	578	569	

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	143	8	45	55	627	633	620
4 Years	486	29	40	60	623	617	613
3 Years	424	25	46	54	593	591	579
2 Years	548	32	51	49	562	553	536
1 Year	56	3	43	57	533	527	508
1/2 Year or Less	36	2	44	56	466	510	449
No Response	251		50	50	584	574	566
AP/Honors Courses	655	39	37	63	627	622	615
Course Work or Experience							
Chinese	67	4	73	27	581	614	560
French	321	20	37	63	606	590	590
German	90	6	51	49	616	600	588
Greek	20	1	45	55	652	598	634
Hebrew		0					
Italian	3	0	0	100			
Japanese	29	2	48	52	586	611	560
Korean	3	0	100	0			
Latin	175	11	38	62	616	587	591
Russian	4	0	50	50			
Spanish	1,056	65	46	54	586	582	571
Other Languages	32	2	41	59	561	560	559

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	152	9	42	58	611	602	590	
4 Years	313	19	33	67	604	587	590	
3 Years	199	12	37	63	586	569	570	
2 Years	356	21	43	57	580	576	567	
1 Year	490	29	57	43	592	601	574	
1/2 Year or Less	153	9	53	47	563	573	547	
No Response	281		50	50	581	572	562	
AP/Honors Courses	301	18	44	56	620	616	608	
Course Work or Experience								
Acting or Play Production	350	22	32	68	613	584	593	
Art History or Appreciation	511	32	44	56	593	583	578	
Dance	187	12	16	84	594	582	584	
Drama: Study or Appreciation	292	18	31	69	597	572	576	
Music: Study or Appreciation	334	21	43	57	598	583	579	
Music Performance	713	45	39	61	605	595	591	
Photography or Film	250	16	32	68	571	567	563	
Studio Art and Design	385	24	36	64	592	576	575	
None	193	12	63	37	561	568	538	
Computers								
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	932	63	47	53	599	592	581	
Computer Programming	327	22	64	36	610	630	593	
Word Processing	821	56	45	55	599	592	580	
Internet Activity	676	46	47	53	603	592	585	
Using Computer Graphics	417	28	51	49	591	591	573	
Creating Spreadsheets/Databases	526	36	45	55	596	599	582	
None	294	20	37	63	587	586	579	

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
492	1,250	356	670	684	659

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	34	7
2	227	46
3	180	37
4 or More	51	10

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	144	660	83	106	686	70	659	76	670	70	
History and Social Studies											
U.S. History	183	667	97	141	678	80	674	78	664	85	
World History	40	687	100	34	681	81	671	79	677	70	
Mathematics											
Mathematics Level 1	158	655	83	104	641	84	669	68	628	86	
Mathematics Level 2	296	705	83	221	669	91	708	64	666	88	
Science											
Biology-E	56	672	81	39	677	88	707	64	676	77	
Biology-M	72	694	91	55	682	78	703	72	675	78	
Chemistry	130	679	101	102	670	87	712	59	667	88	
Physics	98	674	95	72	668	99	718	64	656	88	
Foreign and Classical Languages											
Chinese/Listening	3			2							
French	15	604		12	663		641		689		
French/Listening	2			1							
German	1			1							
German/Listening	3			2							
Modern Hebrew											
Italian											
Japanese/Listening	3			3							
Korean/Listening	2			1							
Latin	9	582		6	713		680		675		
Spanish	24	626		19	689		662		707		
Spanish/Listening	11	688		9	729		690		699		

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	24	17	47	26	14	35
700-740	27	19	36	20	7	18
650-690	33	23	29	16	10	25
600-640	26	18	27	15	1	3
550-590	19	13	19	10	2	5
500-540	10	7	14	8	4	10
450-490	4	3	7	4	1	3
400-440	1	1	4	2	1	3
350-390						
300-340						
250-290						
200-240						
Total	144		183		40	
Mean	660		667		687	
SD	83		97		100	
75th percentile	730		750		770	
50th percentile	660		680		700	
25th percentile	600		600		650	

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	22	14	123	42	11	20	23	32	41	32	27	28
700-740	34	22	42	14	14	25	17	24	25	19	16	16
650-690	43	27	60	20	10	18	17	24	19	15	18	18
600-640	20	13	36	12	11	20	6	8	20	15	16	16
550-590	21	13	25	8	7	13	4	6	9	7	10	10
500-540	12	8	8	3	2	4	2	3	9	7	6	6
450-490	4	3	2	1			1	1	2	2	4	4
400-440	1	1			1	2	1	1	4	3	1	1
350-390	1	1							1	1		
300-340							1	1				
250-290												
200-240												
Total	158		296		56		72		130		98	
Mean	655		705		672		694		679		674	
SD	83		83		81		91		101		95	
75th percentile	710		790		740		760		760		750	
50th percentile	670		710		670		710		700		680	
25th percentile	590		650		610		650		620		600	

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	33	1	7			1	100				
700-740			2	13					1	33		
650-690	1	33	2	13	1	50						
600-640			1	7					2	67		
550-590			3	20								
500-540			4	27	1	50						
450-490	1	33	2	13								
400-440												
350-390												
300-340												
250-290												
200-240												
Total	3		15		2		1		3			
Mean			604									
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			2	67	2	100	1	11	4	17	6	55
700-740							2	22	5	21		
650-690									3	13	1	9
600-640							1	11	1	4	2	18
550-590									6	25	1	9
500-540							1	11	2	8		
450-490							2	22			1	9
400-440			1	33			2	22	3	13		
350-390												
300-340												
250-290												
200-240												
Total			3		2		9		24		11	
Mean							582		626		688	
SD												
75th percentile									720			
50th percentile									610			
25th percentile									550			

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	15	1	563	546	537
Architecture and Related Services	18	1	568	586	573
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	157	9	598	608	582
Business Management, Marketing, and Related Support Services	148	8	560	568	547
Communication, Journalism and Related Programs	49	3	591	561	574
Computer and Information Sciences and Support Services	50	3	616	621	579
Construction Trades	0	0			
Education	59	3	564	555	546
Engineering	281	16	608	638	587
Engineering Technologies/Technicians	14	1	506	566	481
English Language and Literature/Letters	45	3	647	569	636
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	27	2	669	604	628
Health Professions and Related Clinical Services	318	18	570	570	559
History	30	2	619	546	567
Legal Professions and Studies	53	3	588	560	566
Liberal Arts and Sciences, General Studies, and Humanities	8	0	625	549	624
Library Science And Administration	1	0			
Mathematics and Statistics	29	2	662	722	656
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	8	0	498	470	488
Multi/Interdisciplinary Studies	14	1	649	679	640
Natural Resources and Conservation	11	1	636	585	589
Parks, Recreation, Leisure and Fitness Studies	4	0			
Personal and Culinary Services	1	0			
Philosophy and Religious Studies	2	0			
Physical Sciences	45	3	653	653	626
Precision Production	0	0			
Psychology	47	3	572	552	560
Public Administration and Social Services Professions	3	0			
Security and Protective Services	20	1	496	490	466
Social Sciences	56	3	647	599	618
Theology and Religious Vocations	9	1	584	562	556
Transportation and Materials Moving	0	0			
Visual and Performing Arts	99	6	579	551	567
Other	10	1	547	521	539
Undecided	132	7	622	605	615
Degree-Level Goal					
Certificate Program	10	1	483	509	484
Associate Degree	6	0	433	353	430
Bachelor's Degree	362	20	549	537	528
Master's Degree	557	31	587	588	573
Doctoral or Related Degree	647	36	617	611	598
Other	4	0			
Undecided	196	11	579	582	571

College Plans

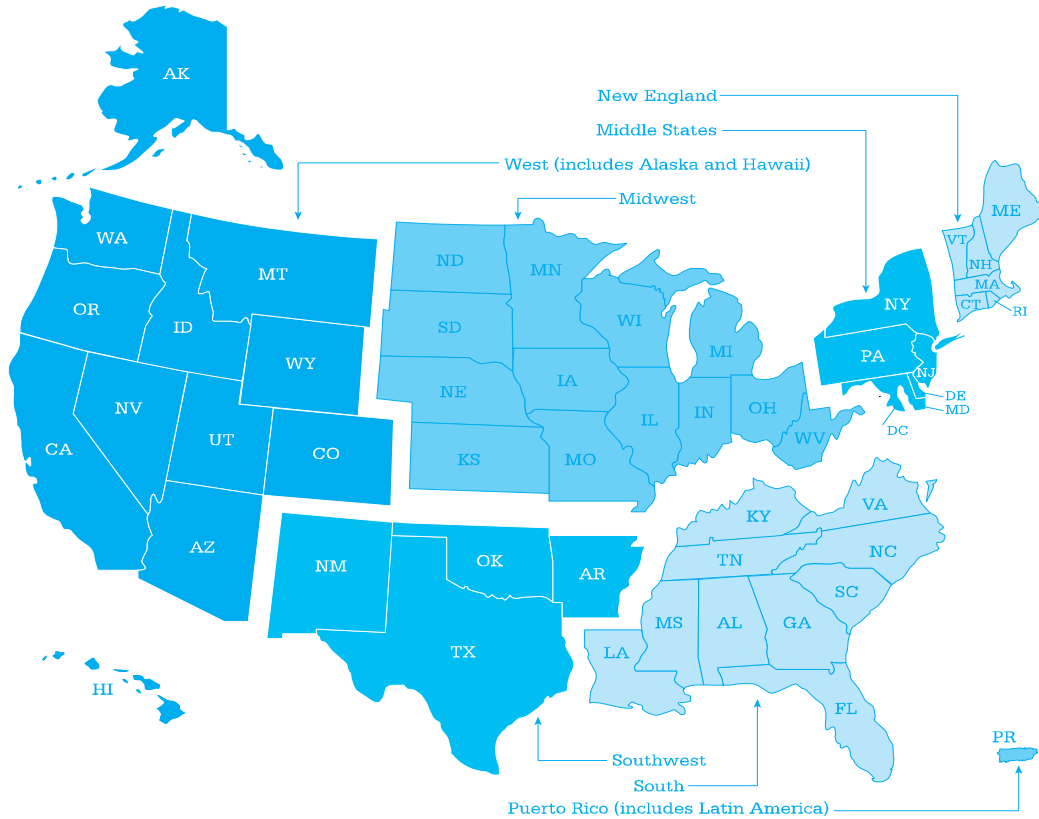
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 2,080 students from your state who took the SAT and/or an SAT Subject Test, 1,382 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 605 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Kentucky	KY	Public	493	35.7
University of Louisville	KY	Public	324	23.4
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	224	16.2
Vanderbilt University	TN	Private	181	13.1
Western Kentucky University	KY	Public	152	11.0
Harvard College	MA	Private	152	11.0
Centre College	KY	Private	138	10.0
Duke University Talent Identification Program	NC	Scholarship	132	9.6
University of Cincinnati	OH	Public	127	9.2
Princeton University	NJ	Private	114	8.2
Stanford University	CA	Private	108	7.8
Massachusetts Institute of Technology	MA	Private	105	7.6
Yale University	CT	Private	104	7.5
Bellarmine University	KY	Private	104	7.5
Northwestern University	IL	Private	98	7.1
Purdue University	IN	Public	97	7.0
Washington University in St. Louis	MO	Private	94	6.8
Cornell University	NY	Private	88	6.4
Duke University	NC	Private	82	5.9
University of Chicago	IL	Private	77	5.6
Northern Kentucky University	KY	Public	77	5.6
University of Pennsylvania	PA	Private	74	5.4
University of Virginia	VA	Public	71	5.1
Indiana University Bloomington	IN	Public	70	5.1
Miami University: Oxford	OH	Public	69	5.0
Columbia University	NY	Private	68	4.9
Ohio State University: Columbus Campus	OH	Public	66	4.8
Transylvania University	KY	Private	64	4.6
Eastern Kentucky University	KY	Public	61	4.4
Dartmouth College	NH	Private	59	4.3
Carnegie Mellon University	PA	Private	58	4.2
University of Michigan	MI	Public	56	4.1
Brown University	RI	Private	56	4.1
Georgia Institute of Technology	GA	Public	55	4.0
University of North Carolina at Chapel Hill	NC	Public	54	3.9
University of South Carolina: Columbia	SC	Public	54	3.9
Case Western Reserve University	OH	Private	53	3.8
Murray State University	KY	Public	49	3.5
Georgetown University	DC	Private	48	3.5
Rice University	TX	Private	45	3.3
NCAA Eligibility Center	IN	Public	44	3.2
University of Alabama	AL	Public	43	3.1
University of California: Berkeley	CA	Public	42	3.0
University of Notre Dame	IN	Private	41	3.0
Johns Hopkins University	MD	Private	41	3.0

*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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