

SAT[®]

2014 College-Bound Seniors

State Profile Report



KANSAS

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	1,683	591	115	596	110	566	115	57.5	11.7	7.4	1.6

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	784	592	119	612	115	560	120	57.2	12.1	7.1	1.7
Female	899	590	111	582	103	572	109	57.8	11.3	7.6	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)	813	573	125	579	117	549	121	55.8	12.3	7.2	1.6
Junior (2012-2013)	830	610	102	613	99	585	106	59.4	10.8	7.5	1.5
Sophomore (2011-2012)	31	557	88	590	109	523	98	53.9	10.0	6.9	1.5
Freshman (2010-2011)	9	539		558		536		54.8		7.1	
Total	1,683	591	115	596	110	566	115	57.5	11.7	7.4	1.6

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	680	650	570	600	560
50th	600	610	570	490	510	480
25th	520	520	490	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	152	161	313	208	118	326	101	116	217
600–690	259	285	544	265	308	573	227	276	503
500–590	217	269	486	178	285	463	226	282	508
400–490	105	142	247	100	151	251	159	176	335
300–390	40	35	75	29	34	63	54	42	96
200–290	11	7	18	4	3	7	17	7	24

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,273	80	45	55	600	603	573
Religiously Affiliated	260	16	53	47	550	569	536
Independent	68	4	46	54	598	625	595
Other or Unknown	82		45	55	571	544	535

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	61	4	572	114	578	113	545	106
Nonstandard Conditions	16	1	616		609		599	

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	21	1	546		530		502	
Asian, Asian American, or Pacific Islander	235	14	557	134	627	109	554	130
Black or African American	95	6	517	114	511	108	498	114
Mexican or Mexican American	43	3	530	96	523	103	502	96
Puerto Rican	7	0	503		536		487	
Other Hispanic, Latino, or Latin American	38	2	550	112	561	100	519	114
White	1,161	69	611	103	604	103	581	105
Other	50	3	586	130	599	120	571	134
No Response	33	2	532	123	531	122	498	126
Total	1,683	100	591	115	596	110	566	115

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	11	1	532		521		470	
Asian, Asian American, or Pacific Islander	114	7	560	130	642	112	559	130
Black or African American	44	3	508	109	516	117	484	109
Mexican or Mexican American	18	1	543		567		526	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	20	1	535		571		506	
White	532	32	613	107	620	107	573	112
Other	24	1	596		615		568	
No Response	18	1	508		561		495	
Total	784	47	592	119	612	115	560	120

Table 11: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	10	1	561		539		538	
Asian, Asian American, or Pacific Islander	121	7	553	137	613	105	550	130
Black or African American	51	3	525	117	506	100	511	118
Mexican or Mexican American	25	1	520	83	492	75	484	82
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	18	1	567		549		533	
White	629	37	608	100	590	97	588	98
Other	26	2	577	122	583	121	574	132
No Response	15	1	559		495		503	
Total	899	53	590	111	582	103	572	109

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	1,683	100	591	115	596	110	566	115
First Language Learned								
English	1,377	83	601	109	595	107	573	110
English and Another	149	9	580	117	615	113	566	122
Another Language	129	8	513	127	602	122	516	132
No Response	28		487	133	529	124	466	119
Citizenship								
U.S. Citizen / U.S. National	1,514	94	604	106	601	107	577	108
U.S. Permanent Resident or Refugee	27	2	548	132	584	119	537	126
Citizen of Another Country	72	4	448	101	576	123	463	115
Other, Unknown, or No Response	70		466	137	523	119	441	119
Plans to Apply for Financial Aid								
Yes	1,054	71	599	109	595	108	571	108
No	158	11	587	98	604	103	570	105
Don't Know	282	19	586	118	608	109	570	121
No Response	189		553	144	577	124	532	139
Family Income								
\$0 - \$20,000	44	4	519	129	525	119	485	122
\$20,000–\$40,000	83	8	554	106	556	107	513	107
\$40,000–\$60,000	109	10	561	114	551	115	529	120
\$60,000–\$80,000	135	13	579	114	571	114	545	110
\$80,000–\$100,000	145	14	590	106	581	105	564	109
\$100,000–\$120,000	157	15	583	121	603	107	562	111
\$120,000–\$140,000	99	9	612	107	631	100	593	104
\$140,000–\$160,000	74	7	615	104	619	91	583	104
\$160,000–\$200,000	73	7	609	111	604	114	598	120
More than \$200,000	153	14	622	96	629	101	607	93
No Response	611		594	118	604	107	572	116
Highest Level of Parental Education								
No High School Diploma	15	1	471		527		448	
High School Diploma	181	11	519	112	519	108	488	112
Associate Degree	55	3	531	88	529	103	512	105
Bachelor's Degree	615	38	594	108	598	101	570	106
Graduate Degree	750	46	625	101	628	100	600	103
No Response	67		447	115	501	107	438	110
Took the PSAT/NMSQT®								
Yes, As a Junior	469	30	596	108	602	99	573	103
Yes, As a Sophomore or Younger	246	16	576	97	581	94	544	98
Yes, As a Junior and As a Sophomore or Younger	603	39	641	95	637	99	619	96
No	245	16	505	102	516	109	476	99
No Response	120		522	145	557	124	501	144

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	607	55	43	57	650	660	630
Second Tenth	274	25	49	51	576	584	555
Second Fifth	120	11	50	50	567	558	530
Final Three Fifths	104	9	55	45	508	522	475
No Response	578		47	53	555	555	529

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)	319	20	46	54	661	666	643
A (93–96)	597	37	43	57	618	630	600
A- (90–92)	323	20	40	60	578	579	549
B (80–89)	337	21	54	46	518	518	485
C (70–79)	49	3	65	35	478	466	434
D, E, or F (below 70)	1	0	100	0			
No Response	57		63	37	514	525	479
Mean Grade Point Average	All Students: 3.76		Male: 3.70		Female: 3.80		

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	2.6	3.1	2.9	3.86	3.97	3.92
English and Language Arts	4.0	4.0	4.0	3.62	3.83	3.74
Foreign and Classical Languages	3.0	3.2	3.1	3.59	3.79	3.70
Mathematics	4.1	4.0	4.0	3.56	3.56	3.56
Natural Sciences	3.9	3.7	3.8	3.65	3.70	3.68
Social Sciences and History	3.7	3.7	3.7	3.68	3.80	3.74
Total for All Subjects	21.3	21.7	21.5			

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	166	11	51	49	595	605	570
4 Years	1,150	79	46	54	608	606	582
3 Years	109	7	39	61	529	547	503
2 Years	23	2	43	57	542	565	532
1 Year	8	1	63	38	474	598	451
1/2 Year or Less	7	0	71	29	409	453	400
No Response	220		50	50	542	569	525
AP@/Honors Courses	956	65	41	59	630	629	606
Course Work or Experience							
English/Language Arts	1,348	97	45	55	601	601	574
Journalism	257	19	26	74	613	599	593
Creative Writing	294	21	36	64	583	573	559
American Literature	810	58	43	57	607	605	584
Composition/Writing	697	50	44	56	592	595	567
British Literature	279	20	39	61	625	607	591
World Literature	392	28	45	55	610	602	583
Communications	298	22	40	60	591	588	569
Public Speaking	466	34	40	60	613	608	588
English As Second Language	53	4	51	49	472	572	472
Mathematics							
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	321	22	55	45	627	652	607
4 Years	905	62	44	56	603	598	576
3 Years	194	13	41	59	546	539	513
2 Years	23	2	52	48	553	542	519
1 Year	9	1	22	78	489	554	478
1/2 Year or Less	8	1	50	50	464	504	443
No Response	223		50	50	542	569	527
AP/Honors Courses	873	60	45	55	633	650	613
Highest Level of Mathematics Achieved*							
Calculus	822	58	47	53	637	655	615
Pre-calculus	293	21	43	57	569	564	546
Geometry	280	20	43	58	528	487	490
Algebra II	16	1	50	50	529	534	503
Algebra I	2	0	50	50			

*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	249	17	58	42	622	645	600	
4 Years	787	54	46	54	619	615	593	
3 Years	318	22	37	63	554	548	526	
2 Years	50	3	46	54	543	542	518	
1 Year	26	2	46	54	511	558	483	
1/2 Year or Less	20	1	45	55	492	526	466	
No Response	233		49	51	540	567	523	
AP/Honors Courses	756	52	46	54	643	651	620	
Course Work or Experience								
Biology	1,372	98	45	55	601	601	575	
Chemistry	1,329	95	45	55	602	605	578	
Physics	1,051	75	48	52	615	624	591	
Geology, Earth, or Space Science	456	33	50	50	562	557	535	
Other Sciences	567	41	41	59	586	584	563	

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	161	11	47	53	613	618	597	
4 Years	768	53	46	54	606	598	576	
3 Years	444	31	45	55	595	607	572	
2 Years	49	3	51	49	546	566	518	
1 Year	15	1	27	73	520	567	516	
1/2 Year or Less	13	1	69	31	468	546	446	
No Response	233		51	49	539	563	522	
AP/Honors Courses	821	57	45	55	637	636	612	
Course Work or Experience								
U.S. History	1,342	96	45	55	601	602	575	
World History or Cultures	1,015	73	47	53	594	595	567	
U.S. Government or Civics	1,238	89	45	55	606	605	580	
Economics	367	26	47	53	611	612	587	
Geography	457	33	43	57	578	584	551	
Psychology	576	41	37	63	606	601	581	
European History	583	42	44	56	627	623	603	
Sociology	253	18	40	60	587	578	561	
Ancient History	168	12	52	48	581	568	556	
Other Courses	253	18	42	58	600	599	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.

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	178	12	42	58	633	635	621
4 Years	448	31	43	57	633	634	614
3 Years	323	22	43	57	590	592	563
2 Years	372	26	49	51	577	575	544
1 Year	67	5	54	46	527	542	489
1/2 Year or Less	64	4	66	34	509	525	465
No Response	231		51	49	541	567	522
AP/Honors Courses	411	28	41	59	651	654	635
Course Work or Experience							
Chinese	44	3	45	55	562	610	540
French	290	21	39	61	597	594	568
German	98	7	59	41	614	615	582
Greek	6	0	67	33	513	527	443
Hebrew	8	1	75	25	561	615	544
Italian	4	0	75	25			
Japanese	20	1	30	70	572	594	553
Korean	7	0	57	43	474	599	486
Latin	150	11	45	55	614	587	584
Russian	7	0	86	14	433	470	409
Spanish	921	66	45	55	601	605	577
Other Languages	28	2	57	43	522	550	513

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	185	13	41	59	607	610	588	
4 Years	451	31	38	62	614	605	588	
3 Years	199	14	42	58	587	588	566	
2 Years	260	18	50	50	581	585	553	
1 Year	247	17	56	44	601	612	571	
1/2 Year or Less	99	7	66	34	570	594	545	
No Response	242		49	51	547	571	528	
AP/Honors Courses	145	10	41	59	630	622	614	
Course Work or Experience								
Acting or Play Production	357	26	37	63	616	600	586	
Art History or Appreciation	190	14	43	57	587	570	556	
Dance	138	10	14	86	598	578	575	
Drama: Study or Appreciation	275	20	35	65	596	574	567	
Music: Study or Appreciation	193	14	43	57	606	593	580	
Music Performance	771	56	46	54	611	610	584	
Photography or Film	375	27	34	66	587	583	567	
Studio Art and Design	418	30	33	67	600	593	578	
None	134	10	65	35	572	604	557	
Computers								
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	936	74	45	55	612	612	585	
Computer Programming	272	21	67	33	607	629	574	
Word Processing	845	66	45	55	611	612	584	
Internet Activity	621	49	46	54	608	611	584	
Using Computer Graphics	517	41	48	52	598	606	573	
Creating Spreadsheets/Databases	517	41	50	50	615	622	589	
None	102	8	44	56	545	554	523	

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
398	1,003	291	678	692	660

Students Who Took One or More Different SAT Subject Tests		
Number of Tests Taken	Number of Test-Takers	Percent of Total Test-Takers Who Took One or More Tests
1	23	6
2	180	45
3	163	41
4 or More	32	8

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	108	675	80	81	697	79	669	76	674	73	
History and Social Studies											
U.S. History	145	702	79	107	706	70	690	67	684	74	
World History	13	642		12	697		691		670		
Mathematics											
Mathematics Level 1	111	649	83	73	646	107	655	72	631	104	
Mathematics Level 2	258	711	85	193	679	88	712	72	662	90	
Science											
Biology-E	37	650	97	23	677		668		668		
Biology-M	32	698	74	27	689	85	699	79	667	87	
Chemistry	131	672	92	97	682	89	709	69	671	97	
Physics	108	677	82	86	674	86	713	60	654	86	
Foreign and Classical Languages											
Chinese/Listening	5	766		4							
French	9	564		8	660		665		680		
French/Listening											
German	1			1							
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening	3			2							
Korean/Listening	4			1							
Latin	4			4							
Spanish	28	614	100	20	704		672		689		
Spanish/Listening	6	613		5	688		716		716		

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	20	19	57	39	4	31
700-740	29	27	36	25	1	8
650-690	27	25	19	13	1	8
600-640	15	14	19	13	2	15
550-590	9	8	7	5	2	15
500-540	5	5	4	3	1	8
450-490	2	2	2	1	1	8
400-440	1	1	1	1	1	8
350-390						
300-340						
250-290						
200-240						
Total	108		145		13	
Mean	675		702		642	
SD	80		79			
75th percentile	740		760			
50th percentile	690		720			
25th percentile	630		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	11	10	114	44	5	14	13	41	36	27	26	24
700-740	25	23	48	19	8	22	3	9	24	18	22	20
650-690	31	28	44	17	6	16	9	28	22	17	22	20
600-640	15	14	18	7	11	30	3	9	19	15	21	19
550-590	16	14	23	9	1	3	4	13	19	15	8	7
500-540	7	6	8	3	2	5			6	5	8	7
450-490	4	4	2	1	1	3			3	2	1	1
400-440	1	1			3	8			2	2		
350-390	1	1	1	0								
300-340												
250-290												
200-240												
Total	111		258		37		32		131		108	
Mean	649		711		650		698		672		677	
SD	83		85		97		74		92		82	
75th percentile	710		790		710		760		750		740	
50th percentile	660		730		640		680		680		680	
25th percentile	580		660		600		650		610		630	

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	4	80										
700-740	1	20	1	11								
650-690			2	22								
600-640			1	11			1	100				
550-590			1	11								
500-540			2	22								
450-490												
400-440			2	22								
350-390												
300-340												
250-290												
200-240												
Total	5		9				1					
Mean	766		564									
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			1	33	4	100			3	11		
700-740							1	25	4	14	1	17
650-690									5	18	2	33
600-640							1	25	5	18	1	17
550-590			1	33			1	25	3	11		
500-540							1	25	5	18	2	33
450-490									1	4		
400-440			1	33					1	4		
350-390									1	4		
300-340												
250-290												
200-240												
Total			3		4		4		28		6	
Mean									614		613	
SD									100			
75th percentile									690			
50th percentile									610			
25th percentile									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	9	1	596	564	547
Architecture and Related Services	25	2	538	612	534
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	99	7	623	637	604
Business Management, Marketing, and Related Support Services	153	10	551	587	543
Communication, Journalism and Related Programs	51	3	590	553	569
Computer and Information Sciences and Support Services	62	4	628	649	595
Construction Trades	0	0			
Education	50	3	563	550	539
Engineering	206	14	626	654	590
Engineering Technologies/Technicians	19	1	548	613	512
English Language and Literature/Letters	33	2	650	585	619
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	22	1	662	594	625
Health Professions and Related Clinical Services	255	17	583	589	569
History	16	1	638	575	587
Legal Professions and Studies	32	2	579	593	568
Liberal Arts and Sciences, General Studies, and Humanities	14	1	568	521	517
Library Science And Administration	1	0			
Mathematics and Statistics	25	2	623	663	594
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	3	0			
Multi/Interdisciplinary Studies	14	1	666	647	611
Natural Resources and Conservation	3	0			
Parks, Recreation, Leisure and Fitness Studies	3	0			
Personal and Culinary Services	1	0			
Philosophy and Religious Studies	4	0			
Physical Sciences	47	3	634	659	608
Precision Production	0	0			
Psychology	51	3	568	542	540
Public Administration and Social Services Professions	2	0			
Security and Protective Services	21	1	509	511	485
Social Sciences	48	3	668	630	640
Theology and Religious Vocations	11	1	601	541	558
Transportation and Materials Moving	0	0			
Visual and Performing Arts	112	7	595	570	564
Other	16	1	539	525	491
Undecided	100	7	632	626	603
Degree-Level Goal					
Certificate Program	8	1	490	526	473
Associate Degree	8	1	496	483	455
Bachelor's Degree	382	25	567	558	537
Master's Degree	435	29	600	604	574
Doctoral or Related Degree	489	32	621	630	599
Other	5	0	454	472	408
Undecided	191	13	592	597	570

College Plans

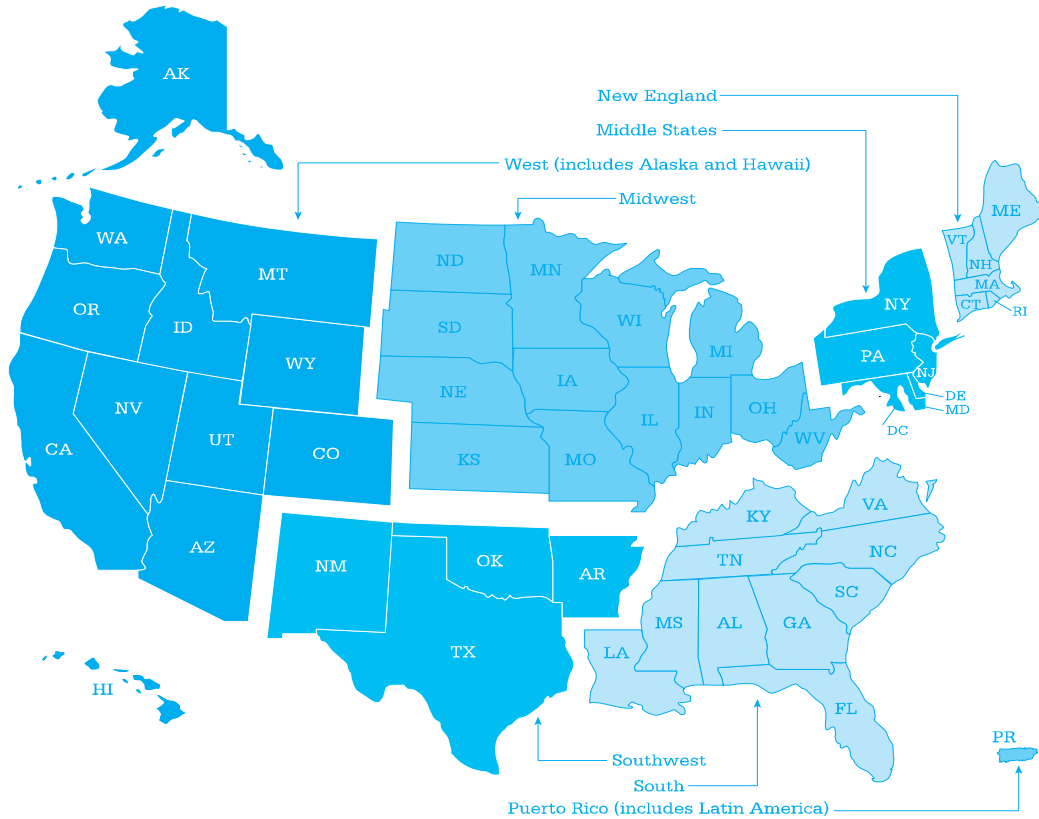
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 1,790 students from your state who took the SAT and/or an SAT Subject Test, 1,214 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 639 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Kansas	KS	Public	375	30.9
Kansas State University	KS	Public	267	22.0
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	166	13.7
Duke University Talent Identification Program	NC	Scholarship	156	12.9
Stanford University	CA	Private	129	10.6
Harvard College	MA	Private	120	9.9
Washington University in St. Louis	MO	Private	101	8.3
Wichita State University	KS	Public	97	8.0
Northwestern University	IL	Private	92	7.6
Massachusetts Institute of Technology	MA	Private	91	7.5
Yale University	CT	Private	87	7.2
Princeton University	NJ	Private	86	7.1
Cornell University	NY	Private	72	5.9
University of California: Berkeley	CA	Public	70	5.8
Brown University	RI	Private	61	5.0
Duke University	NC	Private	61	5.0
University of Pennsylvania	PA	Private	60	4.9
University of Southern California	CA	Private	59	4.9
Vanderbilt University	TN	Private	58	4.8
University of Chicago	IL	Private	58	4.8
University of Michigan	MI	Public	56	4.6
NCAA Eligibility Center	IN	Public	55	4.5
Columbia University	NY	Private	55	4.5
Dartmouth College	NH	Private	51	4.2
University of Missouri: Columbia	MO	Public	48	4.0
University of Texas at Austin	TX	Public	48	4.0
University of Arkansas	AR	Public	47	3.9
University of North Carolina at Chapel Hill	NC	Public	47	3.9
New York University	NY	Private	46	3.8
Purdue University	IN	Public	44	3.6
University of Minnesota: Twin Cities	MN	Public	43	3.5
University of Oklahoma	OK	Public	43	3.5
University of California: Los Angeles	CA	Public	42	3.5
Rice University	TX	Private	42	3.5
University of Illinois at Urbana-Champaign	IL	Public	40	3.3
Boston University	MA	Private	40	3.3
University of Missouri: Kansas City	MO	Public	40	3.3
University of Colorado Boulder	CO	Public	39	3.2
University of Virginia	VA	Public	39	3.2
University of Nebraska - Lincoln	NE	Public	38	3.1
Johns Hopkins University	MD	Private	38	3.1
Carnegie Mellon University	PA	Private	37	3.0
Indiana University Bloomington	IN	Public	37	3.0
Texas Christian University	TX	Private	35	2.9
Georgetown University	DC	Private	35	2.9

*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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