

SAT[®]

2014 College-Bound Seniors

State Profile Report



MISSOURI

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	2,719	595	117	597	114	579	118	58.5	12.0	7.6	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	1,360	593	125	615	118	572	124	58.1	12.6	7.4	1.7
Female	1,359	597	108	578	106	586	110	59.0	11.3	7.8	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)	1,384	579	124	584	119	562	122	56.8	12.5	7.4	1.7
Junior (2012-2013)	1,286	613	105	612	106	598	110	60.6	11.1	7.7	1.6
Sophomore (2011-2012)	45	536	110	563	108	533	102	54.2	10.7	7.3	1.2
Freshman (2010-2011)	4										
Total	2,719	595	117	597	114	579	118	58.5	12.0	7.6	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	680	680	670	570	600	560
50th	600	610	590	490	510	480
25th	520	520	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	285	255	540	366	194	560	218	239	457
600-690	467	431	898	490	422	912	430	402	832
500-590	325	441	766	284	441	725	351	434	785
400-490	167	187	354	158	251	409	237	229	466
300-390	92	34	126	47	43	90	92	46	138
200-290	24	11	35	15	8	23	32	9	41

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,381	54	46	54	597	597	574
Religiously Affiliated	714	28	53	47	592	599	588
Independent	470	18	57	43	596	610	588
Other or Unknown	154		49	51	580	536	550

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	159	6	564	116	555	118	537	114
Nonstandard Conditions	105	4	597	84	608	101	590	91

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	16	1	570		543		536	
Asian, Asian American, or Pacific Islander	371	14	584	142	659	109	596	140
Black or African American	203	7	518	117	496	112	492	112
Mexican or Mexican American	58	2	467	127	482	119	444	120
Puerto Rican	9	0	589		541		542	
Other Hispanic, Latino, or Latin American	45	2	575	126	575	108	551	115
White	1,892	70	610	103	601	104	590	105
Other	70	3	613	118	601	119	609	117
No Response	55	2	551	150	541	106	535	135
Total	2,719	100	595	117	597	114	579	118

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	10	0	524		523		494	
Asian, Asian American, or Pacific Islander	182	7	572	154	670	112	586	150
Black or African American	85	3	509	130	506	126	488	120
Mexican or Mexican American	35	1	427	128	461	133	397	105
Puerto Rican	7	0	579		546		519	
Other Hispanic, Latino, or Latin American	27	1	577	116	596	108	553	115
White	952	35	613	107	624	105	586	110
Other	31	1	603	146	617	145	591	132
No Response	31	1	542	156	553	108	515	144
Total	1,360	50	593	125	615	118	572	124

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	647		575		605	
Asian, Asian American, or Pacific Islander	189	7	595	129	648	104	605	130
Black or African American	118	4	523	105	489	100	494	105
Mexican or Mexican American	23	1	529		514		517	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	18	1	571		543		548	
White	940	35	608	98	578	98	595	100
Other	39	1	621	89	588	91	623	102
No Response	24	1	563		524		560	
Total	1,359	50	597	108	578	106	586	110

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	2,719	100	595	117	597	114	579	118
First Language Learned								
English	2,188	82	603	107	593	109	583	110
English and Another	263	10	592	136	611	129	588	134
Another Language	220	8	513	145	612	134	528	151
No Response	48		591	158	590	112	571	141
Citizenship								
U.S. Citizen / U.S. National	2,446	94	605	109	597	110	586	111
U.S. Permanent Resident or Refugee	48	2	609	150	606	156	598	152
Citizen of Another Country	119	5	463	121	610	138	489	139
Other, Unknown, or No Response	106		501	146	563	135	502	140
Plans to Apply for Financial Aid								
Yes	1,641	70	596	112	590	113	576	113
No	273	12	584	112	601	116	585	120
Don't Know	440	19	599	124	609	109	586	123
No Response	365		590	131	609	119	580	127
Family Income								
\$0 - \$20,000	82	5	501	115	518	123	482	104
\$20,000–\$40,000	147	9	554	113	540	112	527	111
\$40,000–\$60,000	166	10	563	126	559	125	537	117
\$60,000–\$80,000	185	11	587	115	580	110	557	112
\$80,000–\$100,000	220	13	593	103	588	100	571	101
\$100,000–\$120,000	212	13	603	111	595	106	582	109
\$120,000–\$140,000	106	6	610	103	603	98	587	109
\$140,000–\$160,000	100	6	599	106	609	110	593	112
\$160,000–\$200,000	138	8	615	115	617	112	594	120
More than \$200,000	326	19	617	98	618	99	609	101
No Response	1,037		602	122	611	116	592	123
Highest Level of Parental Education								
No High School Diploma	31	1	438	106	505	105	434	112
High School Diploma	243	9	537	121	543	115	516	115
Associate Degree	83	3	504	103	502	106	483	108
Bachelor's Degree	930	36	581	109	588	109	564	108
Graduate Degree	1,323	51	630	105	626	106	616	108
No Response	109		522	142	535	122	511	134
Took the PSAT/NMSQT®								
Yes, As a Junior	742	30	609	109	610	102	592	108
Yes, As a Sophomore or Younger	408	16	578	110	576	112	560	113
Yes, As a Junior and As a Sophomore or Younger	874	35	639	98	639	97	625	99
No	452	18	526	117	525	113	506	116
No Response	243		546	131	570	128	538	131

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	825	61	49	51	647	652	632
Second Tenth	287	21	50	50	557	564	537
Second Fifth	129	10	57	43	537	544	511
Final Three Fifths	105	8	58	42	486	482	456
No Response	1,373		49	51	585	584	571

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)	507	20	43	57	654	656	642
A (93–96)	880	34	45	55	626	627	612
A- (90–92)	489	19	49	51	586	591	566
B (80–89)	612	24	60	40	535	533	514
C (70–79)	74	3	69	31	449	446	419
D, E, or F (below 70)	1	0	100	0			
No Response	156		56	44	562	573	555
Mean Grade Point Average	All Students: 3.74		Male: 3.66		Female: 3.81		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.6	2.9	2.7	3.85	3.94	3.89
English and Language Arts	4.0	4.1	4.0	3.60	3.81	3.71
Foreign and Classical Languages	3.2	3.4	3.3	3.57	3.75	3.66
Mathematics	4.1	4.1	4.1	3.58	3.58	3.58
Natural Sciences	3.9	3.9	3.9	3.62	3.69	3.65
Social Sciences and History	3.8	3.8	3.8	3.65	3.77	3.71
Total for All Subjects	21.6	22.2	21.8			

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	377	17	47	53	608	605	595
4 Years	1,653	74	49	51	602	601	584
3 Years	148	7	48	52	527	534	515
2 Years	36	2	61	39	519	517	499
1 Year	17	1	53	47	561	614	577
1/2 Year or Less	10	0	80	20	457	558	451
No Response	478		54	46	588	601	577
AP@/Honors Courses	1,257	56	42	58	636	627	620
Course Work or Experience							
English/Language Arts	2,017	96	48	52	597	594	580
Journalism	269	13	30	70	590	570	577
Creative Writing	567	27	48	52	583	575	563
American Literature	1,399	67	47	53	600	596	583
Composition/Writing	1,249	59	49	51	595	591	580
British Literature	565	27	40	60	611	598	595
World Literature	759	36	42	58	599	586	580
Communications	333	16	49	51	570	570	552
Public Speaking	775	37	46	54	597	592	585
English As Second Language	103	5	55	45	460	567	471
Mathematics							
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	620	28	53	47	620	637	606
4 Years	1,364	61	48	52	598	591	581
3 Years	199	9	44	56	531	511	508
2 Years	36	2	58	42	532	550	515
1 Year	12	1	75	25	543	574	550
1/2 Year or Less	11	0	73	27	470	524	458
No Response	477		53	47	588	600	576
AP/Honors Courses	1,259	56	49	51	635	646	621
Highest Level of Mathematics Achieved*							
Calculus	1,259	58	53	47	634	649	620
Pre-calculus	419	19	42	58	569	554	553
Geometry	447	21	43	57	525	489	497
Algebra II	22	1	50	50	497	508	477
Algebra I	6	0	50	50	462	398	442

*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	475	21	52	48	625	642	615	
4 Years	1,174	53	48	52	606	602	588	
3 Years	444	20	47	53	563	551	542	
2 Years	78	4	63	37	522	528	506	
1 Year	32	1	56	44	561	558	546	
1/2 Year or Less	23	1	52	48	474	523	465	
No Response	493		54	46	587	598	575	
AP/Honors Courses	1,216	55	48	52	636	641	623	
Course Work or Experience								
Biology	2,062	97	48	52	598	596	581	
Chemistry	2,024	95	48	52	599	599	583	
Physics	1,627	77	52	48	612	616	597	
Geology, Earth, or Space Science	678	32	47	53	574	563	552	
Other Sciences	888	42	40	60	591	581	574	

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	344	15	52	48	618	619	609	
4 Years	1,242	56	47	53	606	598	587	
3 Years	543	24	51	49	572	584	555	
2 Years	66	3	61	39	524	537	514	
1 Year	20	1	70	30	560	602	566	
1/2 Year or Less	16	1	63	38	453	548	449	
No Response	488		54	46	589	600	576	
AP/Honors Courses	1,269	57	46	54	633	628	617	
Course Work or Experience								
U.S. History	2,035	96	48	52	599	597	581	
World History or Cultures	1,794	85	47	53	599	595	581	
U.S. Government or Civics	1,634	77	47	53	598	594	579	
Economics	658	31	54	46	593	594	574	
Geography	527	25	44	56	565	566	547	
Psychology	844	40	38	62	604	594	588	
European History	654	31	47	53	614	605	600	
Sociology	293	14	36	64	562	550	541	
Ancient History	495	23	49	51	602	594	586	
Other Courses	423	20	44	56	590	580	565	

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	335	15	48	52	628	636	620
4 Years	847	38	45	55	630	626	619
3 Years	424	19	48	52	592	582	564
2 Years	502	23	55	45	544	546	521
1 Year	65	3	55	45	528	530	509
1/2 Year or Less	54	2	69	31	474	535	465
No Response	492		54	46	587	599	575
AP/Honors Courses	765	34	42	58	651	648	642
Course Work or Experience							
Chinese	93	4	63	37	561	616	559
French	510	24	37	63	621	600	600
German	166	8	51	49	608	598	578
Greek	45	2	71	29	672	655	651
Hebrew	17	1	47	53	619	585	587
Italian	17	1	59	41	601	604	582
Japanese	26	1	46	54	597	643	569
Korean	7	0	43	57	524	719	556
Latin	259	12	58	42	643	632	621
Russian	14	1	71	29	596	626	600
Spanish	1,266	60	50	50	587	586	571
Other Languages	30	1	50	50	564	576	534

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	257	12	52	48	623	628	612
4 Years	575	26	41	59	614	603	597
3 Years	337	15	45	55	570	569	555
2 Years	469	21	50	50	595	589	574
1 Year	466	21	55	45	587	600	573
1/2 Year or Less	105	5	68	32	556	571	538
No Response	510		54	46	589	600	575
AP/Honors Courses	287	13	41	59	645	636	629
Course Work or Experience							
Acting or Play Production	553	26	38	62	614	595	598
Art History or Appreciation	444	21	44	56	595	584	574
Dance	246	12	15	85	593	577	583
Drama: Study or Appreciation	465	22	39	61	598	582	583
Music: Study or Appreciation	394	19	52	48	617	612	602
Music Performance	1,128	54	48	52	609	608	593
Photography or Film	499	24	40	60	587	582	576
Studio Art and Design	626	30	40	60	608	599	590
None	154	7	64	36	546	570	533

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,188	64	49	51	609	604	593
Computer Programming	431	23	74	26	613	635	595
Word Processing	1,110	59	47	53	613	606	596
Internet Activity	915	49	48	52	610	603	592
Using Computer Graphics	692	37	51	49	603	606	592
Creating Spreadsheets/Databases	698	37	50	50	611	610	595
None	272	15	41	59	578	582	557

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
1,033	2,662	702	674	691	668

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	93	9
2	452	44
3	342	33
4 or More	146	14

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	289	667	80	200	696	71	665	72	678	70	
History and Social Studies											
U.S. History	270	666	90	199	688	80	669	82	677	78	
World History	69	673	98	52	703	74	690	82	693	82	
Mathematics											
Mathematics Level 1	243	652	81	137	648	86	670	73	646	79	
Mathematics Level 2	661	717	76	468	679	87	715	62	677	82	
Science											
Biology-E	170	667	81	130	673	69	696	72	675	75	
Biology-M	143	687	84	91	678	89	687	83	682	80	
Chemistry	358	691	82	253	676	84	716	64	679	78	
Physics	259	687	79	193	685	79	724	59	668	77	
Foreign and Classical Languages											
Chinese/Listening	23	715		17	666		701		655		
French	33	599	98	24	673		646		685		
French/Listening	3			3							
German	5	660		5	732		660		680		
German/Listening	4			3							
Modern Hebrew	3			2							
Italian	1										
Japanese/Listening	1										
Korean/Listening	5	790		3							
Latin	35	653	95	33	694	77	712	54	699	57	
Spanish	80	639	108	62	678	92	660	83	680	76	
Spanish/Listening	7	641		5	704		682		646		

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	48	17	62	23	17	25
700-740	64	22	53	20	13	19
650-690	74	26	55	20	16	23
600-640	47	16	45	17	8	12
550-590	34	12	25	9	3	4
500-540	16	6	17	6	8	12
450-490	3	1	10	4	4	6
400-440	3	1	2	1		
350-390			1	0		
300-340						
250-290						
200-240						
Total	289		270		69	
Mean	667		666		673	
SD	80		90		98	
75th percentile	730		730		740	
50th percentile	670		680		680	
25th percentile	620		610		610	

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	32	13	287	43	26	15	42	29	113	32	73	28
700-740	53	22	141	21	45	26	31	22	80	22	49	19
650-690	49	20	113	17	39	23	26	18	69	19	60	23
600-640	52	21	65	10	24	14	23	16	40	11	38	15
550-590	34	14	36	5	24	14	13	9	33	9	28	11
500-540	13	5	15	2	8	5	7	5	20	6	10	4
450-490	6	2	4	1	3	2			3	1		
400-440	4	2			1	1					1	0
350-390												
300-340												
250-290							1	1				
200-240												
Total	243		661		170		143		358		259	
Mean	652		717		667		687		691		687	
SD	81		76		81		84		82		79	
75th percentile	720		790		730		760		760		750	
50th percentile	660		730		680		700		700		690	
25th percentile	600		660		610		620		640		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	10	43	3	9	1	33	1	20			1	33
700-740	9	39	1	3							1	33
650-690	1	4	7	21			1	20				
600-640			8	24	2	67	2	40			1	33
550-590			3	9			1	20				
500-540	1	4	5	15					2	50		
450-490			5	15								
400-440	2	9	1	3					1	25		
350-390									1	25		
300-340												
250-290												
200-240												
Total	23		33		3		5		4		3	
Mean	715		599				660					
SD			98									
75th percentile	780		660									
50th percentile	740		600									
25th percentile	700		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			1	100	5	100	5	14	19	24	1	14
700-740							7	20	12	15	1	14
650-690							11	31	8	10		
600-640							3	9	11	14	3	43
550-590							1	3	15	19	1	14
500-540							7	20	6	8	1	14
450-490							1	3	5	6		
400-440									4	5		
350-390												
300-340	1	100										
250-290												
200-240												
Total	1		1		5		35		80		7	
Mean					790		653		639		641	
SD							95		108			
75th percentile							710		740			
50th percentile							660		640			
25th percentile							540		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	12	1	478	477	448
Architecture and Related Services	30	1	625	656	622
Area, Ethnic, Cultural and Gender Studies	5	0	624	474	584
Biological and Biomedical Sciences	209	9	616	628	604
Business Management, Marketing, and Related Support Services	273	11	550	578	540
Communication, Journalism and Related Programs	73	3	590	564	590
Computer and Information Sciences and Support Services	66	3	622	637	590
Construction Trades	0	0			
Education	64	3	566	526	542
Engineering	345	14	618	647	594
Engineering Technologies/Technicians	29	1	563	627	579
English Language and Literature/Letters	51	2	675	617	658
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	33	1	641	613	625
Health Professions and Related Clinical Services	347	15	585	591	577
History	26	1	612	566	579
Legal Professions and Studies	79	3	601	573	579
Liberal Arts and Sciences, General Studies, and Humanities	29	1	635	579	605
Library Science And Administration	1	0			
Mathematics and Statistics	27	1	651	677	634
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	11	0	477	465	443
Multi/Interdisciplinary Studies	24	1	635	621	630
Natural Resources and Conservation	12	1	636	604	562
Parks, Recreation, Leisure and Fitness Studies	6	0	472	478	470
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	7	0	664	619	620
Physical Sciences	68	3	651	660	621
Precision Production	0	0			
Psychology	68	3	603	572	588
Public Administration and Social Services Professions	9	0	632	569	606
Security and Protective Services	26	1	532	507	493
Social Sciences	88	4	624	605	615
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	163	7	601	569	585
Other	23	1	517	504	504
Undecided	172	7	630	632	615
Degree-Level Goal					
Certificate Program	15	1	508	595	520
Associate Degree	15	1	469	500	451
Bachelor's Degree	494	21	541	536	522
Master's Degree	732	31	594	596	574
Doctoral or Related Degree	821	34	628	626	613
Other	9	0	444	478	407
Undecided	297	12	617	612	603

College Plans

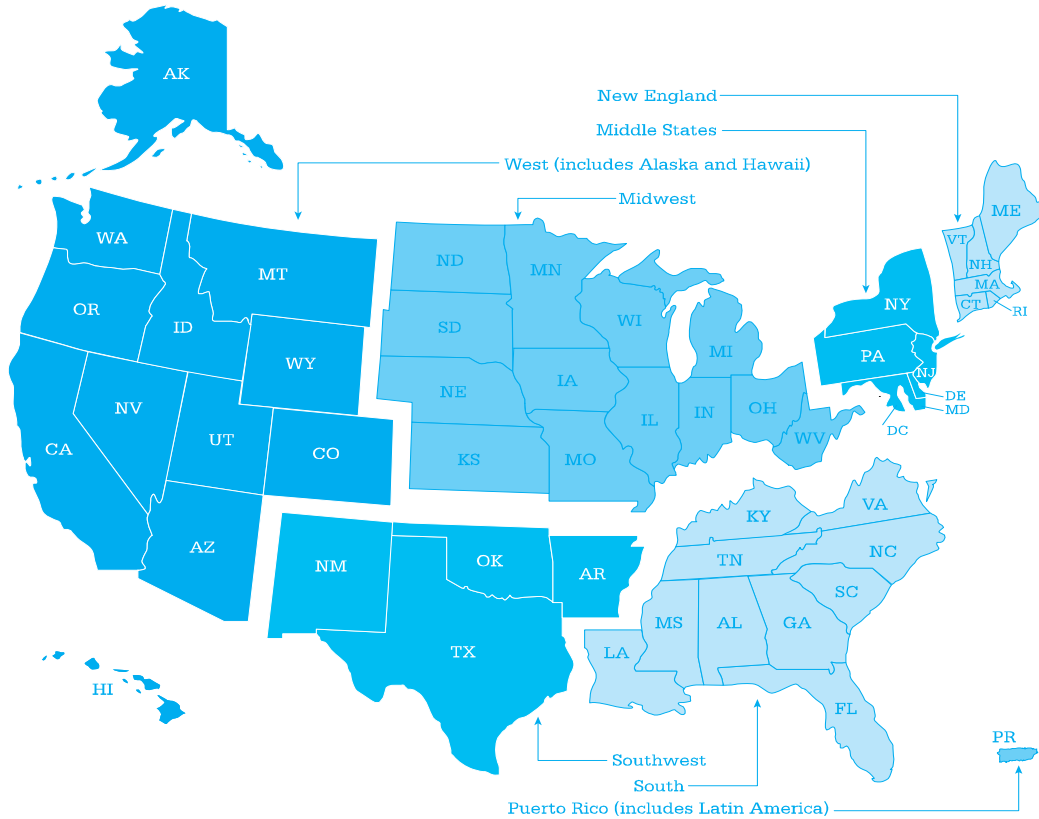
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 3,050 students from your state who took the SAT and/or an SAT Subject Test, 1,991 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 793 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Missouri: Columbia	MO	Public	383	19.2
Washington University in St. Louis	MO	Private	383	19.2
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	347	17.4
Stanford University	CA	Private	243	12.2
Northwestern University	IL	Private	238	12.0
Harvard College	MA	Private	221	11.1
Princeton University	NJ	Private	210	10.5
Vanderbilt University	TN	Private	184	9.2
Duke University Talent Identification Program	NC	Scholarship	182	9.1
Massachusetts Institute of Technology	MA	Private	177	8.9
Saint Louis University	MO	Private	158	7.9
Cornell University	NY	Private	156	7.8
Yale University	CT	Private	154	7.7
University of Chicago	IL	Private	149	7.5
Missouri University of Science and Technology	MO	Public	142	7.1
Duke University	NC	Private	139	7.0
University of Southern California	CA	Private	137	6.9
University of California: Berkeley	CA	Public	130	6.5
University of Michigan	MI	Public	126	6.3
University of Pennsylvania	PA	Private	125	6.3
Case Western Reserve University	OH	Private	124	6.2
University of Illinois at Urbana-Champaign	IL	Public	122	6.1
Columbia University	NY	Private	121	6.1
Boston University	MA	Private	112	5.6
Rice University	TX	Private	104	5.2
Brown University	RI	Private	103	5.2
Truman State University	MO	Public	103	5.2
Purdue University	IN	Public	102	5.1
Carnegie Mellon University	PA	Private	100	5.0
Georgetown University	DC	Private	99	5.0
Dartmouth College	NH	Private	97	4.9
University of Kansas	KS	Public	95	4.8
University of Virginia	VA	Public	92	4.6
University of Notre Dame	IN	Private	87	4.4
New York University	NY	Private	87	4.4
Georgia Institute of Technology	GA	Public	81	4.1
University of California: Los Angeles	CA	Public	81	4.1
Missouri State University	MO	Public	78	3.9
University of Miami	FL	Private	77	3.9
Johns Hopkins University	MD	Private	77	3.9
University of Missouri: Kansas City	MO	Public	74	3.7
Indiana University Bloomington	IN	Public	71	3.6
University of Texas at Austin	TX	Public	70	3.5
University of North Carolina at Chapel Hill	NC	Public	68	3.4
Emory University	GA	Private	66	3.3

*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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