



2013 College-Bound Seniors

State Profile Report



MINNESOTA

Included in This Report

[SAT® Data](#)

[SAT Subject Tests™ Data](#)

[Demographic and Academic Information](#)

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DATA EMBARGO IN EFFECT *This report contains information on college-bound students in the class of 2013 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 the College Board's press conference in mid-September.** 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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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, 1972–2013

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

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 2000–2013, 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 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	3,749	595	112	608	103	577	111	58.0	11.3	7.8	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,768	596	115	626	102	570	113	57.6	11.5	7.6	1.5
Female	1,981	594	110	592	101	584	108	58.4	11.1	8.0	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 (2012-2013)	1,422	570	125	594	109	556	119	55.7	12.2	7.6	1.5
Junior (2011-2012)	2,275	612	100	617	98	592	103	59.6	10.4	7.9	1.4
Sophomore (2010-2011)	43	554	105	598	107	537	108	54.6	11.7	7.4	1.2
Freshman (2009-2010)	9	514		572		504		50.7		7.3	
Total	3,749	595	112	608	103	577	111	58.0	11.3	7.8	1.5

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2013 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	660	570	600	560
50th	600	610	580	490	510	480
25th	520	540	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	369	355	724	474	299	773	236	314	550
600-690	578	671	1,249	653	699	1,352	527	623	1,150
500-590	490	581	1,071	444	632	1,076	548	609	1,157
400-490	247	297	544	164	291	455	351	343	694
300-390	58	66	124	32	57	89	87	84	171
200-290	26	11	37	1	3	4	19	8	27

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,610	74	46	54	601	610	578
Religiously Affiliated	549	16	52	48	570	609	571
Independent	366	10	48	52	602	620	597
Other or Unknown	224		47	53	576	560	549

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	164	4	571	103	569	101	539	103
Nonstandard Conditions	65	2	604	98	603	98	589	104

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	558		558		519	
Asian, Asian American, or Pacific Islander	546	15	559	140	651	103	567	130
Black or African American	190	5	507	111	502	99	486	112
Mexican or Mexican American	34	1	554	78	546	98	521	77
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	65	2	558	114	558	96	541	111
White	2,667	71	612	99	611	96	589	102
Other	134	4	572	122	584	112	557	126
No Response	88	2	592	120	587	107	569	110
Total	3,749	100	595	112	608	103	577	111

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	8	0	585		598		518	
Asian, Asian American, or Pacific Islander	254	7	556	144	665	98	561	131
Black or African American	83	2	493	118	510	108	463	117
Mexican or Mexican American	14	0	571		587		518	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	36	1	583	122	578	98	566	122
White	1,263	34	613	101	630	94	581	104
Other	65	2	576	133	596	117	545	130
No Response	41	1	591	122	609	119	560	117
Total	1,768	47	596	115	626	102	570	113

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	13	0	541		534		520	
Asian, Asian American, or Pacific Islander	292	8	562	137	639	106	573	128
Black or African American	107	3	518	103	496	92	503	105
Mexican or Mexican American	20	1	542		517		523	
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	29	1	527	94	533	88	511	87
White	1,404	37	611	98	594	94	597	100
Other	69	2	569	111	572	106	568	122
No Response	47	1	593	119	567	90	576	103
Total	1,981	53	594	110	592	101	584	108

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	3,749	100	595	112	608	103	577	111
First Language Learned								
English	2,865	80	607	102	606	99	585	104
English and Another	352	10	591	115	612	113	574	119
Another Language	379	11	511	139	625	116	524	135
No Response	153		588	115	599	104	574	114
Citizenship								
U.S. Citizen / U.S. National	3,228	91	607	104	608	101	586	106
U.S. Permanent Resident or Refugee	90	3	560	124	626	130	556	130
Citizen of Another Country	217	6	467	123	619	108	494	119
Other, Unknown, or No Response	214		556	123	590	107	544	119
Plans to Apply for Financial Aid								
Yes	2,318	75	598	109	604	104	576	109
No	256	8	594	115	621	95	590	112
Don't Know	537	17	586	119	618	105	574	115
No Response	638		593	116	609	100	580	113
Family Income								
\$0 - \$20,000	93	5	518	118	547	122	504	111
\$20,000–\$40,000	158	8	530	127	544	109	510	118
\$40,000–\$60,000	212	11	567	120	585	110	546	110
\$60,000–\$80,000	252	13	590	110	597	99	562	108
\$80,000–\$100,000	245	13	586	108	600	101	567	106
\$100,000–\$120,000	279	15	600	110	602	103	576	108
\$120,000–\$140,000	143	7	606	97	618	90	582	98
\$140,000–\$160,000	125	6	608	107	618	98	586	110
\$160,000–\$200,000	130	7	606	97	613	92	593	101
More than \$200,000	287	15	620	94	625	92	605	99
No Response	1,825		603	112	618	101	588	110
Highest Level of Parental Education								
No High School Diploma	43	1	455	135	525	136	466	117
High School Diploma	371	10	523	118	556	104	511	108
Associate Degree	150	4	531	113	552	94	506	106
Bachelor's Degree	1,373	39	596	104	607	98	574	104
Graduate Degree	1,611	45	629	100	634	96	612	101
No Response	201		534	111	557	103	520	110
Took the PSAT/NMSQT®								
Yes, As a Junior	1,455	43	607	107	617	99	587	104
Yes, As a Sophomore or Younger	545	16	597	98	608	99	580	105
Yes, As a Junior and As a Sophomore or Younger	738	22	646	94	647	93	632	97
No	609	18	518	113	550	101	499	102
No Response	402		576	113	592	103	560	111

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	1,026	56	45	55	646	664	632
Second Tenth	445	24	48	52	568	592	547
Second Fifth	210	11	51	49	547	566	517
Final Three Fifths	154	8	54	46	490	517	467
No Response	1,914		47	53	588	593	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)	570	16	43	57	665	678	653
A (93–96)	1,226	35	41	59	627	642	614
A- (90–92)	745	21	48	52	582	595	563
B (80–89)	838	24	54	46	533	542	507
C (70–79)	93	3	72	28	493	498	453
D, E, or F (below 70)	1	0	100	0			
No Response	276		54	46	569	582	553
Mean Grade Point Average	All Students: 3.72		Male: 3.65		Female: 3.79		

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	2.7	3.1	2.9	3.83	3.94	3.89
English and Language Arts	4.0	4.0	4.0	3.64	3.82	3.74
Foreign and Classical Languages	3.2	3.5	3.4	3.59	3.78	3.69
Mathematics	4.2	4.1	4.1	3.60	3.61	3.61
Natural Sciences	3.9	3.8	3.9	3.65	3.67	3.66
Social Sciences and History	3.9	3.9	3.9	3.68	3.73	3.71
Total for All Subjects	21.9	22.4	22.2			

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	569	19	45	55	599	620	586	
4 Years	2,136	71	47	53	605	612	584	
3 Years	210	7	41	59	538	559	517	
2 Years	64	2	50	50	564	597	551	
1 Year	15	0	60	40	522	624	538	
1/2 Year or Less	18	1	50	50	504	589	517	
No Response	737		50	50	585	603	573	
AP®/Honors Courses	1,826	61	42	58	632	633	613	
Course Work or Experience								
English/Language Arts	2,636	94	45	55	602	610	582	
Journalism	303	11	33	67	584	585	572	
Creative Writing	817	29	41	59	582	580	561	
American Literature	2,031	73	45	55	600	610	581	
Composition/Writing	1,821	65	44	56	596	605	577	
British Literature	675	24	41	59	610	611	592	
World Literature	1,287	46	43	57	602	608	582	
Communications	547	20	43	57	579	595	563	
Public Speaking	920	33	43	57	585	595	566	
English As Second Language	188	7	49	51	470	597	482	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	913	30	52	48	617	650	600	
4 Years	1,681	56	45	55	600	602	580	
3 Years	327	11	39	61	549	537	522	
2 Years	61	2	43	57	544	578	539	
1 Year	22	1	55	45	539	651	550	
1/2 Year or Less	14	0	36	64	501	596	529	
No Response	731		50	50	585	602	574	
AP/Honors Courses	1,859	62	48	52	629	652	612	
Highest Level of Mathematics Achieved*								
Calculus	1,839	63	50	50	623	650	607	
Pre-calculus	567	19	41	59	570	566	550	
Geometry	446	15	38	62	535	504	505	
Algebra II	13	0	46	54	575	573	549	
Algebra I	3	0	33	67				

*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	583	19	53	47	612	641	594	
4 Years	1,713	57	45	55	613	617	593	
3 Years	505	17	43	57	549	558	532	
2 Years	120	4	48	52	555	580	530	
1 Year	50	2	50	50	545	585	536	
1/2 Year or Less	24	1	50	50	547	587	540	
No Response	754		51	49	584	601	572	
AP/Honors Courses	1,620	54	47	53	637	651	618	
Course Work or Experience								
Biology	2,768	98	46	54	600	610	580	
Chemistry	2,689	95	46	54	602	613	582	
Physics	2,197	77	48	52	608	624	589	
Geology, Earth, or Space Science	1,216	43	45	55	585	593	564	
Other Sciences	1,187	42	41	59	598	605	577	

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	524	17	48	52	612	627	592	
4 Years	1,872	62	46	54	606	612	585	
3 Years	467	16	43	57	568	586	552	
2 Years	99	3	55	45	544	580	531	
1 Year	29	1	59	41	511	582	524	
1/2 Year or Less	19	1	47	53	508	616	516	
No Response	739		50	50	584	603	572	
AP/Honors Courses	1,725	57	45	55	634	636	614	
Course Work or Experience								
U.S. History	2,675	94	46	54	601	611	582	
World History or Cultures	2,178	77	46	54	593	603	572	
U.S. Government or Civics	2,110	75	45	55	601	610	580	
Economics	1,759	62	46	54	599	614	579	
Geography	1,191	42	45	55	586	599	563	
Psychology	1,147	41	36	64	601	603	579	
European History	958	34	43	57	619	618	599	
Sociology	475	17	35	65	576	577	555	
Ancient History	643	23	46	54	588	595	567	
Other Courses	594	21	44	56	606	609	584	

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	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	530	18	38	62	612	627	598
4 Years	1,127	38	43	57	622	626	608
3 Years	597	20	49	51	592	604	566
2 Years	572	19	53	47	569	578	540
1 Year	74	2	50	50	554	572	520
1/2 Year or Less	96	3	67	33	496	571	487
No Response	753		50	50	582	602	571
AP/Honors Courses	934	31	43	57	646	646	629
Course Work or Experience							
Chinese	194	7	47	53	581	628	574
French	610	22	34	66	607	602	592
German	248	9	55	45	605	611	577
Greek	27	1	56	44	647	646	636
Hebrew	17	1	41	59	636	630	605
Italian	21	1	38	62	570	570	557
Japanese	59	2	49	51	598	622	575
Korean	15	1	33	67	542	651	559
Latin	214	8	45	55	641	631	622
Russian	22	1	36	64	530	550	505
Spanish	1,768	62	46	54	598	607	578
Other Languages	112	4	49	51	534	561	517

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

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	444	15	41	59	608	611	591
4 Years	905	30	41	59	617	618	601
3 Years	413	14	39	61	575	589	558
2 Years	556	19	50	50	588	602	566
1 Year	531	18	59	41	595	623	570
1/2 Year or Less	136	5	60	40	556	591	536
No Response	764		50	50	584	602	573
AP/Honors Courses	393	13	41	59	636	639	622
Course Work or Experience							
Acting or Play Production	745	27	36	64	622	605	599
Art History or Appreciation	450	16	39	61	587	585	572
Dance	367	13	16	84	579	572	567
Drama: Study or Appreciation	463	17	33	67	599	588	579
Music: Study or Appreciation	510	18	46	54	610	606	591
Music Performance	1,799	65	42	58	614	622	597
Photography or Film	692	25	38	62	584	586	566
Studio Art and Design	877	32	37	63	598	600	579
None	191	7	70	30	559	596	528

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Course Work or Experience							
Computer Literacy	1,410	53	47	53	600	611	581
Computer Programming	518	20	69	31	602	634	577
Word Processing	1,499	57	47	53	602	611	582
Internet Activity	1,196	45	47	53	601	609	581
Using Computer Graphics	860	33	55	45	591	612	572
Creating Spreadsheets/Databases	847	32	51	49	607	618	585
None	596	23	39	61	594	606	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
1,700	4,246	1,083	663	681	654

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	211	12
2	728	43
3	557	33
4 or More	204	12

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	540	657	79	350	682	74	662	75	670	80	
History and Social Studies											
U.S. History	663	684	81	438	681	80	676	78	671	79	
World History	163	639	99	114	671	85	654	86	661	84	
Mathematics											
Mathematics Level 1	342	649	83	199	636	101	661	78	626	92	
Mathematics Level 2	1,043	708	81	704	670	93	710	67	662	89	
Science											
Biology-E	190	638	87	114	664	83	661	89	645	89	
Biology-M	234	682	82	167	667	84	692	77	665	85	
Chemistry	515	662	93	352	675	94	713	73	668	85	
Physics	230	692	85	158	670	105	723	62	656	95	
Foreign and Classical Languages											
Chinese/Listening	16	753		12	644		707		652		
French	81	643	106	62	667	89	655	80	670	83	
French/Listening	7	589		4							
German	10	625		8	651		661		656		
German/Listening	5	632		4							
Modern Hebrew	5	472		3							
Italian	2			1							
Japanese/Listening	7	750		4							
Korean/Listening	6	742		3							
Latin	23	604		19	722		705		708		
Spanish	139	617	114	86	675	73	683	74	678	73	
Spanish/Listening	25	614	103	16	696		673		684		

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	69	13	163	25	31	19
700-740	116	21	184	28	23	14
650-690	136	25	131	20	31	19
600-640	109	20	90	14	12	7
550-590	55	10	49	7	34	21
500-540	39	7	26	4	24	15
450-490	13	2	14	2	5	3
400-440	2	0	5	1	2	1
350-390	1	0	1	0	1	1
300-340						
250-290						
200-240						
Total	540		663		163	
Mean	657		684		639	
SD	79		81		99	
75th percentile	720		740		730	
50th percentile	670		700		650	
25th percentile	610		630		550	

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	37	11	445	43	25	13	59	25	110	21	78	34
700-740	78	23	166	16	27	14	57	24	100	19	38	17
650-690	69	20	173	17	36	19	47	20	90	17	46	20
600-640	75	22	151	14	45	24	27	12	88	17	34	15
550-590	45	13	79	8	30	16	30	13	59	11	23	10
500-540	23	7	24	2	15	8	10	4	47	9	7	3
450-490	11	3	4	0	10	5	3	1	17	3	4	2
400-440	2	1			1	1	1	0	3	1		
350-390	1	0	1	0	1	1			1	0		
300-340	1	0										
250-290												
200-240												
Total	342		1,043		190		234		515		230	
Mean	649		708		638		682		662		692	
SD	83		81		87		82		93		85	
75th percentile	710		780		700		740		730		770	
50th percentile	660		720		640		690		670		700	
25th percentile	600		650		580		630		600		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	63	17	21	1	14	1	10	1	20		
700-740	4	25	15	19			1	10	2	40		
650-690	1	6	7	9	2	29	2	20			1	20
600-640	1	6	15	19	1	14	3	30				
550-590			9	11			2	20				
500-540			11	14	1	14						
450-490			4	5	1	14			1	20	1	20
400-440			2	2	1	14			1	20	2	40
350-390			1	1			1	10			1	20
300-340												
250-290												
200-240												
Total	16		81		7		10		5		5	
Mean	753		643		589		625		632		472	
SD			106									
75th percentile			740									
50th percentile			630									
25th percentile			550									

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	50	5	71	5	83	2	9	25	18	2	8
700-740			1	14			4	17	17	12	5	20
650-690							2	9	19	14	4	16
600-640			1	14			4	17	16	12	4	16
550-590							3	13	21	15	4	16
500-540					1	17	4	17	19	14	2	8
450-490							4	17	14	10	2	8
400-440	1	50							4	3	1	4
350-390									1	1	1	4
300-340									3	2		
250-290												
200-240												
Total	2		7		6		23		139		25	
Mean			750		742		604		617		614	
SD									114		103	
75th percentile							690		710		690	
50th percentile							590		620		620	
25th percentile							510		530		530	

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	13	0	571	542	535
Architecture and Related Services	46	1	567	616	560
Area, Ethnic, Cultural and Gender Studies	10	0	565	559	576
Biological and Biomedical Sciences	315	10	625	630	603
Business Management, Marketing, and Related Support Services	325	10	554	602	546
Communication, Journalism and Related Programs	85	3	594	565	574
Computer and Information Sciences and Support Services	82	3	630	646	589
Construction Trades	0	0			
Education	71	2	598	574	578
Engineering	431	13	616	662	591
Engineering Technologies/Technicians	43	1	551	608	518
English Language and Literature/Letters	79	2	646	585	623
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	46	1	651	615	623
Health Professions and Related Clinical Services	381	12	576	591	566
History	45	1	636	601	591
Legal Professions and Studies	69	2	587	580	570
Liberal Arts and Sciences, General Studies, and Humanities	54	2	650	627	632
Library Science And Administration	0	0			
Mathematics and Statistics	52	2	616	697	617
Mechanic and Repair Technologies/Technician	5	0	482	526	428
Military Technologies And Applied Sciences	20	1	597	570	535
Multi/Interdisciplinary Studies	30	1	643	654	631
Natural Resources and Conservation	19	1	612	616	591
Parks, Recreation, Leisure and Fitness Studies	6	0	525	557	505
Personal and Culinary Services	6	0	510	535	458
Philosophy and Religious Studies	10	0	653	594	600
Physical Sciences	95	3	656	675	623
Precision Production	0	0			
Psychology	131	4	589	575	571
Public Administration and Social Services Professions	9	0	599	594	584
Security and Protective Services	31	1	535	541	504
Social Sciences	117	4	638	609	623
Theology and Religious Vocations	5	0	470	474	424
Transportation and Materials Moving	0	0			
Visual and Performing Arts	249	8	581	562	566
Other	20	1	576	585	595
Undecided	300	9	636	639	618
Degree-Level Goal					
Certificate Program	15	0	501	509	501
Associate Degree	10	0	453	463	424
Bachelor's Degree	713	23	563	573	542
Master's Degree	937	30	593	607	573
Doctoral or Related Degree	965	31	622	636	606
Other	11	0	528	584	505
Undecided	504	16	603	613	585

College Plans

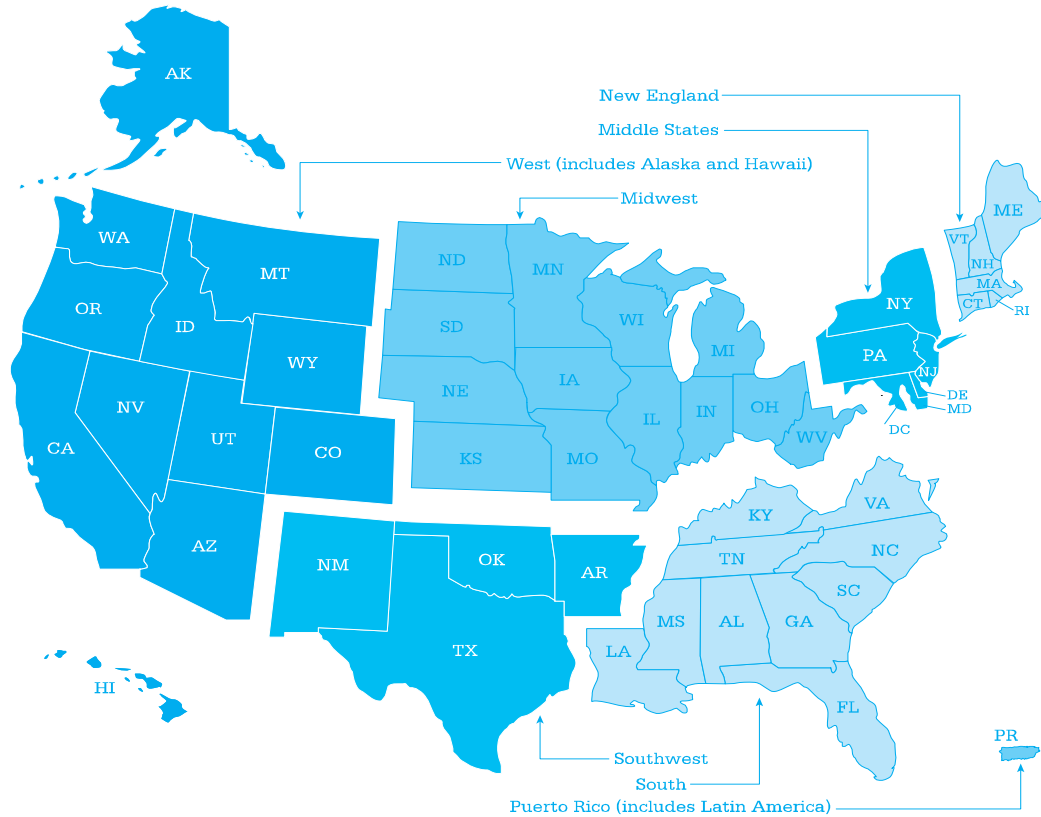
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 4,366 students from your state who took the SAT and/or an SAT Subject Test, 2,903 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 903 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MINNESOTA TWIN CITIES	MN	Public	1,116	38.4
UNIVERSITY OF WISCONSIN MADISON	WI	Public	463	15.9
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	381	13.1
STANFORD UNIVERSITY	CA	Private	378	13.0
NORTHWESTERN UNIVERSITY	IL	Private	372	12.8
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	331	11.4
PRINCETON UNIVERSITY	NJ	Private	292	10.1
NORTHWESTERN UNIVERSITY'S MIDWEST ACDMC T	IL	Scholarship	271	9.3
YALE UNIVERSITY	CT	Private	260	9.0
UNIVERSITY OF CHICAGO	IL	Private	250	8.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	248	8.5
CARLETON COLLEGE	MN	Private	242	8.3
CORNELL UNIVERSITY	NY	Private	223	7.7
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	202	7.0
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	197	6.8
WASHINGTON UNIVERSITY	MO	Private	197	6.8
DARTMOUTH COLLEGE	NH	Private	190	6.5
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	186	6.4
SAINT OLAF COLLEGE	MN	Private	183	6.3
BROWN UNIVERSITY	RI	Private	165	5.7
GEORGETOWN UNIVERSITY	DC	Private	154	5.3
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	154	5.3
DUKE UNIVERSITY	NC	Private	152	5.2
NEW YORK UNIVERSITY	NY	Private	147	5.1
UNIVERSITY OF SAINT THOMAS MN	MN	Private	140	4.8
UNIVERSITY OF MINNESOTA DULUTH	MN	Public	139	4.8
BOSTON UNIVERSITY	MA	Private	138	4.8
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	137	4.7
UNIVERSITY OF NOTRE DAME	IN	Private	135	4.7
MACALESTER COLLEGE	MN	Private	130	4.5
GUSTAVUS ADOLPHUS COLLEGE	MN	Private	112	3.9
CARNEGIE MELLON UNIVERSITY	PA	Private	110	3.8
BOSTON COLLEGE	MA	Private	107	3.7
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	105	3.6
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	102	3.5
UNIVERSITY OF ILLINOIS URBANA	IL	Public	95	3.3
HAMLIN UNIVERSITY	MN	Private	93	3.2
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	92	3.2
VANDERBILT UNIVERSITY	TN	Private	92	3.2
IOWA STATE UNIVERSITY	IA	Public	91	3.1
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	88	3.0
UNIVERSITY OF WASHINGTON	WA	Public	83	2.9
NCAA ELIGIBILITY CENTER	IN	Public	81	2.8
NORTH DAKOTA STATE UNIVERSITY FARGO	ND	Public	76	2.6
UNIVERSITY OF MINNESOTA MORRIS	MN	Public	74	2.5

*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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