

# SAT<sup>®</sup>

2014 College-Bound Seniors

# State Profile Report



MINNESOTA

## Included in This Report

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**SAT<sup>®</sup> Data**

**SAT Subject Tests<sup>™</sup> Data**

**Demographic and Academic Information**

**College Plans**

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**DATA EMBARGO IN EFFECT** *This report contains information on college-bound students in the class of 2014 who took the SAT<sup>®</sup> or SAT Subject Tests<sup>™</sup> 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](mailto: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](http://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](http://www.collegeboard.org).

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2014

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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](http://www.collegeboard.org/cbs).

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## SAT<sup>®</sup> 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	3,523	598	109	610	104	578	109	58.2	11.1	7.6	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	1,641	600	110	635	101	571	111	57.9	11.3	7.5	1.6
Female	1,882	596	108	589	103	583	106	58.5	10.9	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)	1,458	583	120	602	111	564	117	56.9	11.9	7.5	1.6
Junior (2012-2013)	1,981	610	99	618	99	590	100	59.4	10.3	7.8	1.4
Sophomore (2011-2012)	40	584	129	593	110	564	117	57.9	11.0	7.3	2.0
Freshman (2010-2011)	44	548	83	573	73	497	76	50.2	7.5	7.2	1.4
Total	3,523	598	109	610	104	578	109	58.2	11.1	7.6	1.5

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,672,395	497	115	513	120	487	115	48.9	11.6	7.0	1.7

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2014 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	680	690	650	570	600	560
50th	600	620	580	490	510	480
25th	530	540	510	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](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	322	360	682	492	300	792	223	277	500
600-690	557	624	1,181	610	625	1,235	493	609	1,102
500-590	485	569	1,054	371	634	1,005	526	610	1,136
400-490	208	251	459	145	260	405	297	293	590
300-390	55	69	124	21	57	78	84	84	168
200-290	14	9	23	2	6	8	18	9	27

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,446	73	46	54	605	612	577
Religiously Affiliated	588	18	51	49	568	612	573
Independent	300	9	47	53	608	630	607
Other or Unknown	189		47	53	588	550	548

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	145	4	592	112	581	118	566	109
Nonstandard Conditions	63	2	595	95	613	108	593	93

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	19	1	582		575		576	
Asian, Asian American, or Pacific Islander	547	16	556	138	649	107	563	133
Black or African American	176	5	542	107	533	111	522	111
Mexican or Mexican American	40	1	582	101	565	103	570	107
Puerto Rican	8	0	528		491		511	
Other Hispanic, Latino, or Latin American	64	2	546	107	537	114	528	105
White	2,489	71	612	98	611	98	586	101
Other	118	3	616	106	612	108	602	108
No Response	62	2	601	108	579	89	558	93
Total	3,523	100	598	109	610	104	578	109

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	7	0	557		594		551	
Asian, Asian American, or Pacific Islander	254	7	554	141	671	92	560	135
Black or African American	65	2	557	107	574	110	519	117
Mexican or Mexican American	17	0	578		608		568	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	31	1	516	111	532	119	495	114
White	1,180	33	615	99	636	97	579	103
Other	52	1	608	108	618	113	585	113
No Response	31	1	616	101	603	90	554	101
Total	1,641	47	600	110	635	101	571	111

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	12	0	596		564		590	
Asian, Asian American, or Pacific Islander	293	8	557	135	629	114	565	130
Black or African American	111	3	533	107	509	105	523	108
Mexican or Mexican American	23	1	585		532		572	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	33	1	574	96	542	110	560	85
White	1,309	37	610	97	589	94	591	98
Other	66	2	623	104	607	105	615	102
No Response	31	1	587	114	556	81	562	85
Total	1,882	53	596	108	589	103	583	106

## 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	3,523	100	598	109	610	104	578	109
<b>First Language Learned</b>								
English	2,728	79	611	98	609	100	585	100
English and Another	366	11	590	118	615	115	577	121
Another Language	361	10	507	133	618	123	525	134
No Response	68		601	128	607	102	576	128
<b>Citizenship</b>								
U.S. Citizen / U.S. National	3,106	92	611	100	611	102	586	103
U.S. Permanent Resident or Refugee	72	2	569	136	621	124	576	126
Citizen of Another Country	188	6	475	117	621	115	500	121
Other, Unknown, or No Response	157		501	127	582	114	499	127
<b>Plans to Apply for Financial Aid</b>								
Yes	2,255	73	603	103	604	104	577	105
No	277	9	589	112	625	106	577	106
Don't Know	539	18	592	121	627	104	584	114
No Response	452		587	122	611	103	571	119
<b>Family Income</b>								
\$0 - \$20,000	79	4	518	126	549	118	493	120
\$20,000–\$40,000	152	7	548	116	563	112	525	109
\$40,000–\$60,000	197	9	564	110	579	103	545	112
\$60,000–\$80,000	288	13	591	108	588	105	562	105
\$80,000–\$100,000	313	14	589	99	598	104	567	104
\$100,000–\$120,000	298	14	607	98	617	95	580	95
\$120,000–\$140,000	174	8	609	102	607	102	578	108
\$140,000–\$160,000	152	7	622	105	639	96	605	106
\$160,000–\$200,000	164	8	614	100	628	103	597	101
More than \$200,000	349	16	617	106	636	93	605	100
No Response	1,357		604	110	618	103	586	109
<b>Highest Level of Parental Education</b>								
No High School Diploma	33	1	441	124	553	124	428	111
High School Diploma	319	9	541	121	567	108	516	114
Associate Degree	143	4	543	103	545	97	515	100
Bachelor's Degree	1,369	40	587	102	603	101	568	101
Graduate Degree	1,563	46	630	99	635	100	611	100
No Response	96		557	123	574	90	514	113
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,384	43	609	103	621	98	586	100
Yes, As a Sophomore or Younger	484	15	592	97	595	105	569	99
Yes, As a Junior and As a Sophomore or Younger	818	25	644	94	646	93	625	94
No	559	17	528	108	552	107	509	109
No Response	278		559	121	596	105	546	122

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	968	55	47	53	650	666	632
Second Tenth	430	24	47	53	582	604	562
Second Fifth	218	12	50	50	557	564	524
Final Three Fifths	147	8	51	49	490	508	459
No Response	1,760		45	55	587	596	568

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)	535	16	42	58	672	676	654
A (93–96)	1,178	35	42	58	627	643	613
A- (90–92)	738	22	48	52	582	602	561
B (80–89)	810	24	52	48	541	550	512
C (70–79)	94	3	54	46	486	477	454
D, E, or F (below 70)	2	0	100	0			
No Response	166		51	49	568	577	544
<b>Mean Grade Point Average</b>	<b>All Students: 3.72</b>		<b>Male: 3.67</b>		<b>Female: 3.76</b>		

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	3.84	3.94	3.90
English and Language Arts	4.1	4.0	4.0	3.65	3.80	3.73
Foreign and Classical Languages	3.3	3.5	3.4	3.64	3.78	3.71
Mathematics	4.2	4.0	4.1	3.62	3.58	3.60
Natural Sciences	3.9	3.9	3.9	3.65	3.65	3.65
Social Sciences and History	3.9	3.9	3.9	3.68	3.72	3.70
<b>Total for All Subjects</b>	<b>22.1</b>	<b>22.4</b>	<b>22.2</b>			

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

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	521	18	49	51	601	622	589
4 Years	2,178	73	45	55	609	615	586
3 Years	184	6	39	61	551	557	518
2 Years	58	2	57	43	528	574	512
1 Year	15	1	40	60	533	587	535
1/2 Year or Less	17	1	41	59	471	531	496
No Response	550		52	48	579	605	565
AP@/Honors Courses	1,783	60	42	58	635	636	613
<b>Course Work or Experience</b>							
English/Language Arts	2,668	95	45	55	605	611	583
Journalism	254	9	38	62	592	591	577
Creative Writing	809	29	38	62	595	587	573
American Literature	2,045	73	45	55	604	612	585
Composition/Writing	1,803	64	43	57	599	604	578
British Literature	665	24	43	57	618	619	600
World Literature	1,270	45	44	56	605	610	584
Communications	530	19	45	55	595	603	567
Public Speaking	898	32	44	56	595	602	572
English As Second Language	173	6	38	62	463	576	478
<b>Mathematics</b>							
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	834	28	53	47	615	652	600
4 Years	1,755	59	44	56	605	606	582
3 Years	294	10	34	66	567	549	533
2 Years	49	2	39	61	518	547	512
1 Year	15	1	33	67	584	579	532
1/2 Year or Less	22	1	41	59	465	530	483
No Response	554		51	49	578	604	563
AP/Honors Courses	1,830	62	48	52	632	656	613
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	1,894	66	50	50	629	654	609
Pre-calculus	578	20	37	63	567	556	544
Geometry	357	12	36	64	528	486	498
Algebra II	11	0	64	36	555	565	518
Algebra I	1	0	0	100			

\*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

<b>Natural Sciences</b>		<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	582	20	51	49	615	647	601	
4 Years	1,737	59	46	54	612	618	590	
3 Years	460	16	38	62	574	565	543	
2 Years	106	4	55	45	535	545	505	
1 Year	39	1	49	51	575	592	541	
1/2 Year or Less	30	1	33	67	495	549	510	
No Response	569		51	49	577	603	563	
AP/Honors Courses	1,680	57	47	53	637	651	616	
<b>Course Work or Experience</b>								
Biology	2,780	98	45	55	604	612	582	
Chemistry	2,700	95	45	55	606	615	584	
Physics	2,317	82	48	52	610	626	590	
Geology, Earth, or Space Science	1,268	45	45	55	592	599	568	
Other Sciences	1,128	40	40	60	604	606	583	

<b>Social Sciences and History</b>		<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	504	17	50	50	608	626	591	
4 Years	1,914	65	44	56	611	614	587	
3 Years	416	14	44	56	579	597	554	
2 Years	75	3	49	51	527	573	519	
1 Year	28	1	54	46	548	570	524	
1/2 Year or Less	21	1	43	57	464	540	490	
No Response	565		52	48	577	603	563	
AP/Honors Courses	1,750	59	45	55	637	639	614	
<b>Course Work or Experience</b>								
U.S. History	2,677	95	45	55	605	613	583	
World History or Cultures	2,204	78	45	55	600	608	578	
U.S. Government or Civics	2,073	73	44	56	608	611	582	
Economics	1,831	65	45	55	607	614	584	
Geography	1,200	43	42	58	589	596	566	
Psychology	1,139	40	37	63	599	606	578	
European History	949	34	45	55	618	619	596	
Sociology	458	16	38	62	575	572	549	
Ancient History	583	21	44	56	597	600	575	
Other Courses	539	19	40	60	612	609	593	

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	491	17	43	57	613	628	599
4 Years	1,156	39	43	57	626	633	609
3 Years	609	21	45	55	600	603	573
2 Years	539	18	51	49	566	576	534
1 Year	72	2	53	47	531	544	503
1/2 Year or Less	87	3	55	45	505	568	494
No Response	569		52	48	578	605	564
AP/Honors Courses	934	32	41	59	646	649	628
<b>Course Work or Experience</b>							
Chinese	229	8	48	52	608	648	597
French	582	21	34	66	608	605	586
German	248	9	56	44	609	609	573
Greek	23	1	61	39	640	604	633
Hebrew	24	1	33	67	575	607	575
Italian	22	1	23	77	579	542	571
Japanese	56	2	36	64	590	608	560
Korean	7	0	29	71	557	587	519
Latin	246	9	52	48	641	628	614
Russian	26	1	42	58	588	577	560
Spanish	1,693	60	45	55	603	607	580
Other Languages	114	4	34	66	554	559	529

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

<b>Arts and Music</b> <b>Years of Study</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	412	14	39	61	606	613	592
4 Years	909	31	39	61	619	618	596
3 Years	405	14	39	61	586	596	566
2 Years	569	19	50	50	594	607	571
1 Year	493	17	58	42	604	623	576
1/2 Year or Less	141	5	63	37	553	590	530
No Response	594		52	48	579	605	566
AP/Honors Courses	417	14	35	65	640	642	623
<b>Course Work or Experience</b>							
Acting or Play Production	736	26	33	67	614	596	589
Art History or Appreciation	420	15	35	65	602	589	584
Dance	402	14	13	87	577	573	565
Drama: Study or Appreciation	462	17	31	69	600	587	580
Music: Study or Appreciation	503	18	46	54	620	611	599
Music Performance	1,768	63	44	56	617	622	595
Photography or Film	681	24	38	62	586	590	567
Studio Art and Design	892	32	34	66	602	605	583
None	182	7	65	35	551	595	531

<b>Computers</b> <b>Course Work or Experience</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,318	51	47	53	609	615	586
Computer Programming	504	20	66	34	616	639	591
Word Processing	1,388	54	45	55	611	617	588
Internet Activity	1,172	46	45	55	610	615	586
Using Computer Graphics	823	32	51	49	604	614	578
Creating Spreadsheets/Databases	789	31	46	54	608	620	587
None	656	26	39	61	597	606	581

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
1,677	4,183	1,013	657	685	648

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	233	14
2	679	40
3	561	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	
<b>English</b>											
Literature	465	654	82	298	681	80	670	81	668	80	
<b>History and Social Studies</b>											
U.S. History	655	669	83	396	673	81	680	79	660	88	
World History	117	656	92	87	673	74	685	62	655	77	
<b>Mathematics</b>											
Mathematics Level 1	389	658	81	219	624	94	659	82	623	98	
Mathematics Level 2	1,026	712	78	664	663	95	711	65	656	88	
<b>Science</b>											
Biology-E	218	665	77	130	662	89	671	81	647	87	
Biology-M	257	686	80	170	677	79	702	67	668	84	
Chemistry	503	667	88	325	663	94	710	70	657	87	
Physics	241	689	86	160	659	103	729	66	654	102	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	23	690		21	615		707		632		
French	59	655	121	38	633	109	651	90	644	94	
French/Listening	13	665		11	668		678		669		
German	4			3							
German/Listening	2			2							
Modern Hebrew	4			4							
Italian	2			2							
Japanese/Listening	6	625		5	644		690		596		
Korean/Listening	5	770		4							
Latin	25	617	109	22	701		715		705		
Spanish	156	628	98	100	670	95	662	85	659	94	
Spanish/Listening	13	640		12	657		673		673		

## 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	59	13	135	21	21	18
700-740	101	22	143	22	22	19
650-690	115	25	149	23	25	21
600-640	86	18	115	18	20	17
550-590	54	12	60	9	14	12
500-540	32	7	31	5	7	6
450-490	12	3	14	2	7	6
400-440	4	1	7	1	1	1
350-390	2	0	1	0		
300-340						
250-290						
200-240						
Total	465		655		117	
Mean	654		669		656	
SD	82		83		92	
75th percentile	710		730		730	
50th percentile	660		670		680	
25th percentile	600		620		590	

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	54	14	441	43	38	17	68	26	115	23	72	30
700-740	88	23	180	18	34	16	63	25	106	21	52	22
650-690	97	25	194	19	69	32	52	20	88	17	48	20
600-640	69	18	116	11	39	18	39	15	85	17	33	14
550-590	38	10	66	6	28	13	21	8	60	12	21	9
500-540	26	7	22	2	6	3	8	3	36	7	7	3
450-490	14	4	6	1	2	1	3	1	8	2	5	2
400-440	1	0	1	0	1	0	3	1	2	0	3	1
350-390	2	1							3	1		
300-340					1	0						
250-290												
200-240												
Total	389		1,026		218		257		503		241	
Mean	658		712		665		686		667		689	
SD	81		78		77		80		88		86	
75th percentile	720		780		720		750		740		750	
50th percentile	670		730		670		700		670		700	
25th percentile	620		660		610		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	12	52	19	32	3	23	1	25				
700-740	1	4	11	19	5	38						
650-690			3	5			1	25	1	50		
600-640	5	22	6	10	2	15	1	25				
550-590	3	13	8	14	1	8			1	50		
500-540			4	7							1	25
450-490	2	9	4	7	1	8						
400-440			3	5	1	8	1	25			2	50
350-390			1	2							1	25
300-340												
250-290												
200-240												
Total	23		59		13		4		2		4	
Mean	690		655		665							
SD			121									
75th percentile	790		750									
50th percentile	730		670									
25th percentile	570		560									

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	17	4	80	2	8	20	13	1	8
700-740	1	50	1	17	1	20	7	28	28	18	4	31
650-690	1	50	1	17			2	8	26	17	3	23
600-640			1	17			4	16	24	15	2	15
550-590			1	17			3	12	20	13		
500-540							3	12	22	14	1	8
450-490			1	17			3	12	12	8	2	15
400-440									3	2		
350-390							1	4	1	1		
300-340												
250-290												
200-240												
Total	2		6		5		25		156		13	
Mean			625		770		617		628		640	
SD							109		98			
75th percentile							700		700			
50th percentile							620		630			
25th percentile							500		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	19	1	544	549	516
Architecture and Related Services	32	1	568	621	559
Area, Ethnic, Cultural and Gender Studies	9	0	539	469	520
Biological and Biomedical Sciences	336	11	623	634	602
Business Management, Marketing, and Related Support Services	302	10	550	591	545
Communication, Journalism and Related Programs	55	2	599	575	598
Computer and Information Sciences and Support Services	101	3	615	643	585
Construction Trades	1	0			
Education	84	3	570	561	550
Engineering	427	14	617	662	588
Engineering Technologies/Technicians	24	1	575	627	560
English Language and Literature/Letters	69	2	644	584	622
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	40	1	645	619	626
Health Professions and Related Clinical Services	372	12	592	604	578
History	41	1	615	600	574
Legal Professions and Studies	66	2	613	596	584
Liberal Arts and Sciences, General Studies, and Humanities	39	1	612	572	590
Library Science And Administration	3	0			
Mathematics and Statistics	55	2	640	704	623
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	18	1	577	578	499
Multi/Interdisciplinary Studies	47	2	660	654	647
Natural Resources and Conservation	18	1	618	572	541
Parks, Recreation, Leisure and Fitness Studies	5	0	492	524	512
Personal and Culinary Services	4	0			
Philosophy and Religious Studies	10	0	683	637	671
Physical Sciences	95	3	655	677	623
Precision Production	1	0			
Psychology	107	3	574	557	552
Public Administration and Social Services Professions	4	0			
Security and Protective Services	25	1	505	527	495
Social Sciences	131	4	641	623	623
Theology and Religious Vocations	7	0	626	549	560
Transportation and Materials Moving	2	0			
Visual and Performing Arts	225	7	593	562	569
Other	23	1	572	561	547
Undecided	271	9	623	635	602
<b>Degree-Level Goal</b>					
Certificate Program	9	0	560	568	553
Associate Degree	11	0	520	482	457
Bachelor's Degree	770	24	566	571	537
Master's Degree	871	28	596	613	579
Doctoral or Related Degree	967	31	628	641	608
Other	11	0	509	547	502
Undecided	504	16	611	614	594

## College Plans

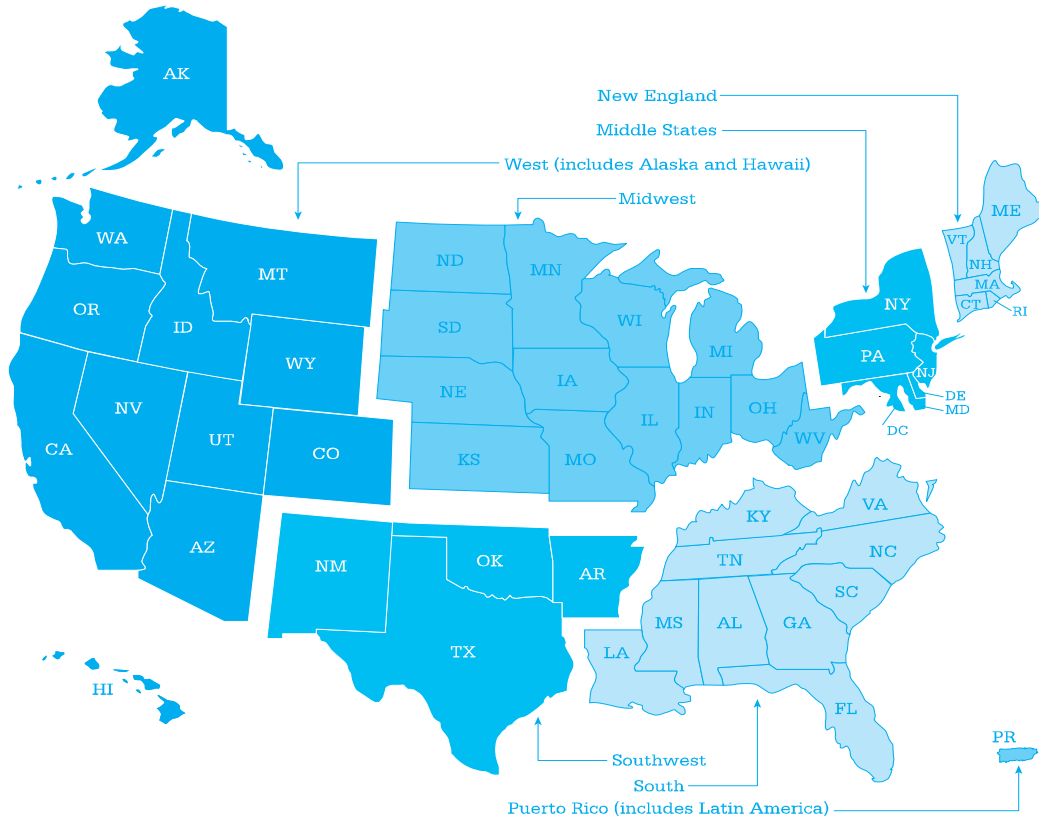
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 4,187 students from your state who took the SAT and/or an SAT Subject Test, 2,818 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 884 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Minnesota: Twin Cities	MN	Public	1,068	37.9
University of Wisconsin-Madison	WI	Public	452	16.0
Harvard College	MA	Private	381	13.5
Stanford University	CA	Private	372	13.2
Northwestern University	IL	Private	345	12.2
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	336	11.9
Northwestern Univ - Ctr for Talent Dev Prog	IL	Scholarship	317	11.2
Princeton University	NJ	Private	285	10.1
Massachusetts Institute of Technology	MA	Private	278	9.9
Yale University	CT	Private	246	8.7
Cornell University	NY	Private	245	8.7
University of Chicago	IL	Private	221	7.8
Carleton College	MN	Private	217	7.7
Washington University in St. Louis	MO	Private	209	7.4
University of California: Berkeley	CA	Public	206	7.3
University of Michigan	MI	Public	194	6.9
Dartmouth College	NH	Private	186	6.6
University of Pennsylvania	PA	Private	172	6.1
St. Olaf College	MN	Private	168	6.0
Columbia University	NY	Private	165	5.9
Duke University	NC	Private	145	5.1
University of Minnesota: Duluth	MN	Public	143	5.1
University of St. Thomas	MN	Private	141	5.0
University of Southern California	CA	Private	140	5.0
New York University	NY	Private	138	4.9
Boston University	MA	Private	137	4.9
Brown University	RI	Private	130	4.6
Macalester College	MN	Private	129	4.6
Carnegie Mellon University	PA	Private	123	4.4
Georgetown University	DC	Private	119	4.2
University of Notre Dame	IN	Private	112	4.0
Johns Hopkins University	MD	Private	110	3.9
University of California: Los Angeles	CA	Public	105	3.7
Hamline University	MN	Private	95	3.4
Vanderbilt University	TN	Private	94	3.3
Purdue University	IN	Public	94	3.3
Gustavus Adolphus College	MN	Private	94	3.3
Boston College	MA	Private	92	3.3
Tufts University	MA	Private	90	3.2
Iowa State University	IA	Public	85	3.0
Northeastern University	MA	Private	83	2.9
Marquette University	WI	Private	82	2.9
California Institute of Technology	CA	Private	81	2.9
University of Illinois at Urbana-Champaign	IL	Public	77	2.7
University of Washington	WA	Public	76	2.7

\*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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