

# SAT<sup>®</sup>

2014 College-Bound Seniors

# State Profile Report



COLORADO

## 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	
Total	7,298	582	97	586	99	567	97	56.8	9.8	7.7	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Male	3,318	585	97	608	97	561	98	56.6	9.9	7.5	1.4
Female	3,980	579	97	568	97	571	95	57.1	9.7	7.9	1.3

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Senior (2013-2014)	3,284	575	100	576	103	557	99	55.8	9.9	7.6	1.4
Junior (2012-2013)	3,955	588	94	595	95	575	94	57.7	9.6	7.8	1.3
Sophomore (2011-2012)	42	569	106	590	98	558	98	56.3	10.2	7.7	1.2
Freshman (2010-2011)	17	504		528		492		50.5		6.9	
Total	7,298	582	97	586	99	567	97	56.8	9.8	7.7	1.4

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
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	650	660	630	570	600	560
50th	580	590	570	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](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	404	460	864	624	368	992	281	394	675
600–690	1,131	1,269	2,400	1,322	1,238	2,560	942	1,202	2,144
500–590	1,183	1,500	2,683	924	1,507	2,431	1,245	1,556	2,801
400–490	510	618	1,128	389	718	1,107	712	701	1,413
300–390	80	124	204	52	130	182	123	112	235
200–290	10	9	19	7	19	26	15	15	30

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	5,717	82	45	55	584	592	568
Religiously Affiliated	839	12	48	52	569	568	561
Independent	453	6	48	52	582	579	577
Other or Unknown	289		43	57	568	536	541

### 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	363	5	556	95	557	101	532	94
Nonstandard Conditions	154	2	570	93	580	99	557	97

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	44	1	535	95	524	96	533	95
Asian, Asian American, or Pacific Islander	685	9	570	111	622	106	571	115
Black or African American	240	3	527	109	512	107	510	110
Mexican or Mexican American	194	3	544	97	546	93	533	91
Puerto Rican	28	0	550	109	528	133	530	108
Other Hispanic, Latino, or Latin American	301	4	561	100	568	97	548	91
White	5,482	75	589	92	590	94	572	92
Other	200	3	587	118	585	120	571	115
No Response	124	2	565	101	533	98	538	96
Total	7,298	100	582	97	586	99	567	97

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	21	0	531		526		510	
Asian, Asian American, or Pacific Islander	293	4	577	111	647	104	570	116
Black or African American	106	1	528	116	532	110	501	112
Mexican or Mexican American	80	1	541	94	565	97	529	95
Puerto Rican	11	0	591		605		585	
Other Hispanic, Latino, or Latin American	133	2	563	101	589	97	547	96
White	2,535	35	591	92	611	92	565	93
Other	81	1	586	125	610	128	570	122
No Response	58	1	572	104	549	96	535	108
Total	3,318	45	585	97	608	97	561	98

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	23	0	540		522		553	
Asian, Asian American, or Pacific Islander	392	5	565	110	604	105	572	114
Black or African American	134	2	527	103	496	101	517	108
Mexican or Mexican American	114	2	547	100	534	87	535	88
Puerto Rican	17	0	524		479		495	
Other Hispanic, Latino, or Latin American	168	2	559	99	552	93	548	86
White	2,947	40	587	92	571	92	578	90
Other	119	2	587	113	569	112	572	110
No Response	66	1	560	99	519	97	540	84
Total	3,980	55	579	97	568	97	571	95

## 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	7,298	100	582	97	586	99	567	97
<b>First Language Learned</b>								
English	6,238	87	586	94	586	96	569	93
English and Another	570	8	576	104	590	113	563	108
Another Language	386	5	532	121	602	113	538	124
No Response	104		569	104	549	107	541	96
<b>Citizenship</b>								
U.S. Citizen / U.S. National	6,892	97	585	94	587	97	569	94
U.S. Permanent Resident or Refugee	120	2	567	119	619	115	578	119
Citizen of Another Country	107	2	482	121	591	120	488	121
Other, Unknown, or No Response	179		512	111	532	117	500	107
<b>Plans to Apply for Financial Aid</b>								
Yes	4,689	71	583	96	585	99	567	96
No	627	10	583	95	593	98	575	96
Don't Know	1,250	19	582	95	592	98	569	94
No Response	732		571	106	578	104	558	103
<b>Family Income</b>								
\$0 - \$20,000	166	3	529	111	536	105	511	105
\$20,000–\$40,000	324	7	547	107	553	102	531	100
\$40,000–\$60,000	486	10	556	98	562	104	543	96
\$60,000–\$80,000	581	12	576	98	578	99	559	100
\$80,000–\$100,000	655	14	579	92	581	89	563	92
\$100,000–\$120,000	669	14	584	90	587	94	566	89
\$120,000–\$140,000	416	9	594	87	590	95	571	88
\$140,000–\$160,000	355	7	596	90	601	93	578	91
\$160,000–\$200,000	427	9	588	88	595	95	572	88
More than \$200,000	764	16	600	93	610	92	590	92
No Response	2,455		586	99	591	102	572	100
<b>Highest Level of Parental Education</b>								
No High School Diploma	58	1	514	119	553	104	506	113
High School Diploma	650	9	530	97	535	101	514	96
Associate Degree	264	4	541	94	544	97	526	90
Bachelor's Degree	3,037	43	575	91	581	94	559	91
Graduate Degree	3,135	44	606	93	610	95	592	93
No Response	154		526	127	524	108	521	119
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	2,818	41	583	94	587	94	568	92
Yes, As a Sophomore or Younger	1,156	17	576	90	582	96	559	90
Yes, As a Junior and As a Sophomore or Younger	1,887	28	614	90	619	93	602	92
No	977	14	539	100	540	103	521	98
No Response	460		544	105	556	102	534	103

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	1,953	50	43	57	632	644	620
Second Tenth	1,069	27	46	54	573	582	556
Second Fifth	568	14	51	49	547	557	534
Final Three Fifths	348	9	53	47	514	511	495
No Response	3,360		45	55	568	567	552

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)	936	13	41	59	637	642	627
A (93–96)	2,301	33	38	62	610	619	599
A- (90–92)	1,566	22	45	55	578	586	564
B (80–89)	1,983	28	52	48	539	538	519
C (70–79)	200	3	62	39	490	489	460
D, E, or F (below 70)	8	0	75	25	525	486	520
No Response	304		56	44	558	552	532
<b>Mean Grade Point Average</b>	<b>All Students: 3.67</b>		<b>Male: 3.60</b>		<b>Female: 3.72</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	2.2	2.7	2.5	3.87	3.95	3.91
English and Language Arts	4.0	4.0	4.0	3.60	3.78	3.70
Foreign and Classical Languages	3.3	3.5	3.4	3.53	3.71	3.63
Mathematics	4.1	4.1	4.1	3.50	3.48	3.49
Natural Sciences	3.9	3.9	3.9	3.59	3.60	3.60
Social Sciences and History	3.8	3.9	3.8	3.64	3.73	3.69
<b>Total for All Subjects</b>	<b>21.3</b>	<b>22.1</b>	<b>21.7</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	843	13	44	56	594	593	579	
4 Years	5,042	79	45	55	588	594	573	
3 Years	390	6	42	58	545	539	529	
2 Years	48	1	56	44	537	520	513	
1 Year	23	0	39	61	527	565	523	
1/2 Year or Less	30	0	63	37	494	523	480	
No Response	922		50	50	561	565	546	
AP@/Honors Courses	4,248	67	41	59	608	609	594	
<b>Course Work or Experience</b>								
English/Language Arts	5,870	98	44	56	585	590	570	
Journalism	658	11	34	66	582	566	567	
Creative Writing	1,491	25	37	63	579	567	565	
American Literature	4,194	70	44	56	585	587	569	
Composition/Writing	3,478	58	43	57	581	579	564	
British Literature	1,533	25	44	56	593	586	579	
World Literature	2,812	47	44	56	590	591	575	
Communications	719	12	46	54	575	574	559	
Public Speaking	1,785	30	44	56	584	582	570	
English As Second Language	173	3	39	61	504	563	506	
<b>Mathematics</b>								
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	1,333	21	50	50	599	624	586	
4 Years	4,473	70	44	56	586	587	571	
3 Years	461	7	41	59	543	533	526	
2 Years	46	1	41	59	524	507	509	
1 Year	31	0	42	58	530	565	531	
1/2 Year or Less	28	0	54	46	503	506	495	
No Response	926		49	51	561	564	546	
AP/Honors Courses	4,059	64	46	54	610	627	596	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	3,495	57	49	51	613	637	600	
Pre-calculus	1,555	25	39	61	560	549	544	
Geometry	978	16	38	62	529	497	510	
Algebra II	61	1	43	57	555	508	523	
Algebra I	16	0	25	75	458	438	446	

\*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	1,228	19	49	51	605	625	590	
4 Years	3,788	60	45	55	588	592	574	
3 Years	1,072	17	41	59	563	553	544	
2 Years	140	2	44	56	550	543	541	
1 Year	75	1	45	55	532	545	531	
1/2 Year or Less	41	1	63	37	530	555	518	
No Response	954		49	51	559	562	544	
AP/Honors Courses	3,688	58	45	55	612	625	597	
<b>Course Work or Experience</b>								
Biology	5,886	97	44	56	586	590	570	
Chemistry	5,782	96	45	55	588	593	573	
Physics	4,270	71	50	50	596	610	581	
Geology, Earth, or Space Science	2,800	46	43	57	565	564	550	
Other Sciences	2,614	43	39	61	574	572	561	

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	826	13	45	55	597	604	582	
4 Years	4,019	63	44	56	590	593	575	
3 Years	1,289	20	45	55	570	577	554	
2 Years	141	2	57	43	541	558	530	
1 Year	44	1	43	57	515	536	506	
1/2 Year or Less	31	0	58	42	508	525	484	
No Response	948		49	51	560	564	545	
AP/Honors Courses	3,869	61	43	57	610	613	594	
<b>Course Work or Experience</b>								
U.S. History	5,880	97	45	55	586	591	571	
World History or Cultures	4,815	80	45	55	584	589	570	
U.S. Government or Civics	5,208	86	44	56	585	590	569	
Economics	2,635	44	47	53	590	596	574	
Geography	3,912	65	44	56	584	588	569	
Psychology	2,563	42	35	65	580	579	566	
European History	1,911	32	45	55	598	597	580	
Sociology	849	14	35	65	565	561	549	
Ancient History	1,190	20	45	55	582	579	565	
Other Courses	1,173	19	40	60	588	585	571	

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	621	10	39	61	606	611	596
4 Years	2,418	38	41	59	606	609	595
3 Years	2,277	36	48	52	575	583	560
2 Years	837	13	51	49	550	547	523
1 Year	104	2	49	51	536	546	511
1/2 Year or Less	86	1	62	38	515	531	492
No Response	955		50	50	559	564	544
AP/Honors Courses	2,343	37	41	59	622	627	611
<b>Course Work or Experience</b>							
Chinese	230	4	48	52	608	630	592
French	1,238	20	32	68	594	586	576
German	321	5	57	43	591	597	567
Greek	25	0	52	48	623	603	610
Hebrew	33	1	42	58	582	578	579
Italian	27	0	41	59	576	563	560
Japanese	87	1	39	61	603	595	565
Korean	18	0	28	72	504	614	519
Latin	354	6	45	55	612	597	592
Russian	17	0	53	47	599	561	561
Spanish	4,245	70	46	54	581	588	568
Other Languages	129	2	32	68	562	556	538

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	578	9	33	67	592	589	581
4 Years	1,430	23	36	64	599	590	582
3 Years	908	15	38	62	572	572	556
2 Years	1,430	23	47	53	579	589	567
1 Year	1,186	19	52	48	587	600	571
1/2 Year or Less	721	12	61	39	578	593	559
No Response	1,045		51	49	562	569	546
AP/Honors Courses	761	12	28	72	615	608	599
<b>Course Work or Experience</b>							
Acting or Play Production	1,458	25	34	66	603	583	584
Art History or Appreciation	793	13	35	65	577	566	564
Dance	762	13	12	88	579	567	570
Drama: Study or Appreciation	1,128	19	32	68	590	573	570
Music: Study or Appreciation	862	15	41	59	605	595	590
Music Performance	2,724	46	42	58	599	597	583
Photography or Film	1,751	30	39	61	577	575	563
Studio Art and Design	2,112	36	34	66	587	587	573
None	605	10	66	34	567	592	548

<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	3,174	58	45	55	591	593	575
Computer Programming	1,107	20	68	32	598	619	578
Word Processing	2,970	54	44	56	591	592	575
Internet Activity	2,414	44	45	55	594	592	579
Using Computer Graphics	2,099	38	50	50	589	594	571
Creating Spreadsheets/Databases	1,814	33	48	52	593	596	576
None	946	17	36	64	580	586	568

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
1,960	4,957	1,533	655	669	646

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	136	7
2	907	46
3	728	37
4 or More	189	10

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	678	652	82	545	671	76	649	72	656	73	
<b>History and Social Studies</b>											
U.S. History	566	656	87	455	662	74	656	76	650	75	
World History	124	634	92	100	673	79	663	90	666	84	
<b>Mathematics</b>											
Mathematics Level 1	434	638	81	333	632	77	642	71	619	75	
Mathematics Level 2	1,276	696	82	1,012	662	79	693	66	656	78	
<b>Science</b>											
Biology-E	198	654	87	152	661	79	656	80	650	75	
Biology-M	255	675	76	194	660	74	675	70	660	74	
Chemistry	604	671	92	489	664	81	696	67	657	82	
Physics	445	682	79	345	665	79	704	64	651	81	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	22	695		21	666		673		630		
French	81	600	122	69	662	86	652	73	656	81	
French/Listening	10	647		9	642		617		636		
German	5	550		3							
German/Listening	4			4							
Modern Hebrew											
Italian	2			2							
Japanese/Listening	2			2							
Korean/Listening	6	780		5	552		662		590		
Latin	10	609		9	681		714		690		
Spanish	210	622	96	187	656	70	647	78	658	70	
Spanish/Listening	25	634	107	24	657		640		663		

## 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	77	11	90	16	17	14
700-740	138	20	123	22	14	11
650-690	165	24	128	23	22	18
600-640	142	21	88	16	31	25
550-590	81	12	71	13	20	16
500-540	48	7	36	6	10	8
450-490	18	3	23	4	7	6
400-440	9	1	7	1	2	2
350-390					1	1
300-340						
250-290						
200-240						
Total	678		566		124	
Mean	652		656		634	
SD	82		87		92	
75th percentile	710		720		690	
50th percentile	660		670		630	
25th percentile	600		600		580	

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	38	9	453	36	29	15	51	20	155	26	123	28
700-740	72	17	238	19	43	22	58	23	118	20	75	17
650-690	110	25	216	17	40	20	57	22	110	18	106	24
600-640	97	22	203	16	39	20	50	20	97	16	73	16
550-590	52	12	116	9	26	13	23	9	58	10	44	10
500-540	46	11	42	3	13	7	14	5	36	6	19	4
450-490	12	3	7	1	4	2			20	3	5	1
400-440	6	1	1	0	3	2	1	0	9	1		
350-390	1	0					1	0	1	0		
300-340					1	1						
250-290												
200-240												
Total	434		1,276		198		255		604		445	
Mean	638		696		654		675		671		682	
SD	81		82		87		76		92		79	
75th percentile	700		770		720		730		750		750	
50th percentile	650		710		660		680		680		680	
25th percentile	590		630		600		630		610		630	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	13	59	12	15	2	20	1	20	1	25		
700-740	1	5	6	7	1	10	1	20	1	25		
650-690			14	17	3	30						
600-640	3	14	10	12	1	10						
550-590			10	12	1	10						
500-540	3	14	7	9					1	25		
450-490	1	5	12	15	2	20	1	20	1	25		
400-440	1	5	7	9			1	20				
350-390			3	4			1	20				
300-340												
250-290												
200-240												
Total	22		81		10		5		4			
Mean	695		600		647		550					
SD			122									
75th percentile	790		680									
50th percentile	770		600									
25th percentile	540		480									

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	2	100			6	100			21	10	6	24
700-740							1	10	40	19	1	4
650-690							1	10	23	11	6	24
600-640							2	20	41	20	4	16
550-590			2	100			5	50	34	16	1	4
500-540							1	10	31	15	3	12
450-490									13	6	2	8
400-440									6	3	2	8
350-390									1	0		
300-340												
250-290												
200-240												
Total	2		2		6		10		210		25	
Mean					780		609		622		634	
SD									96		107	
75th percentile									700		690	
50th percentile									620		640	
25th percentile									550		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	28	0	556	554	543
Architecture and Related Services	86	1	570	587	559
Area, Ethnic, Cultural and Gender Studies	13	0	592	538	578
Biological and Biomedical Sciences	567	9	597	596	582
Business Management, Marketing, and Related Support Services	746	11	557	577	546
Communication, Journalism and Related Programs	192	3	573	546	562
Computer and Information Sciences and Support Services	159	2	610	634	573
Construction Trades	1	0			
Education	193	3	570	555	559
Engineering	1,131	17	601	642	583
Engineering Technologies/Technicians	62	1	587	617	556
English Language and Literature/Letters	125	2	640	571	620
Family and Consumer Sciences/Human Sciences	17	0	525	524	524
Foreign Languages, Literatures, and Linguistics	69	1	632	586	603
Health Professions and Related Clinical Services	909	14	567	573	559
History	71	1	625	581	583
Legal Professions and Studies	171	3	591	577	575
Liberal Arts and Sciences, General Studies, and Humanities	88	1	591	558	575
Library Science And Administration	2	0			
Mathematics and Statistics	65	1	619	676	600
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	52	1	551	556	532
Multi/Interdisciplinary Studies	72	1	617	593	598
Natural Resources and Conservation	26	0	602	597	596
Parks, Recreation, Leisure and Fitness Studies	16	0	521	541	513
Personal and Culinary Services	9	0	537	468	506
Philosophy and Religious Studies	23	0	633	591	602
Physical Sciences	167	3	621	634	594
Precision Production	0	0			
Psychology	241	4	560	544	547
Public Administration and Social Services Professions	13	0	607	548	542
Security and Protective Services	75	1	530	535	510
Social Sciences	199	3	631	599	612
Theology and Religious Vocations	10	0	578	555	562
Transportation and Materials Moving	4	0			
Visual and Performing Arts	445	7	578	563	566
Other	61	1	556	563	538
Undecided	447	7	601	596	584
<b>Degree-Level Goal</b>					
Certificate Program	20	0	570	611	550
Associate Degree	21	0	463	444	438
Bachelor's Degree	1,792	27	550	553	533
Master's Degree	2,223	33	590	596	574
Doctoral or Related Degree	1,719	26	609	615	596
Other	19	0	550	559	534
Undecided	883	13	585	586	572

## College Plans

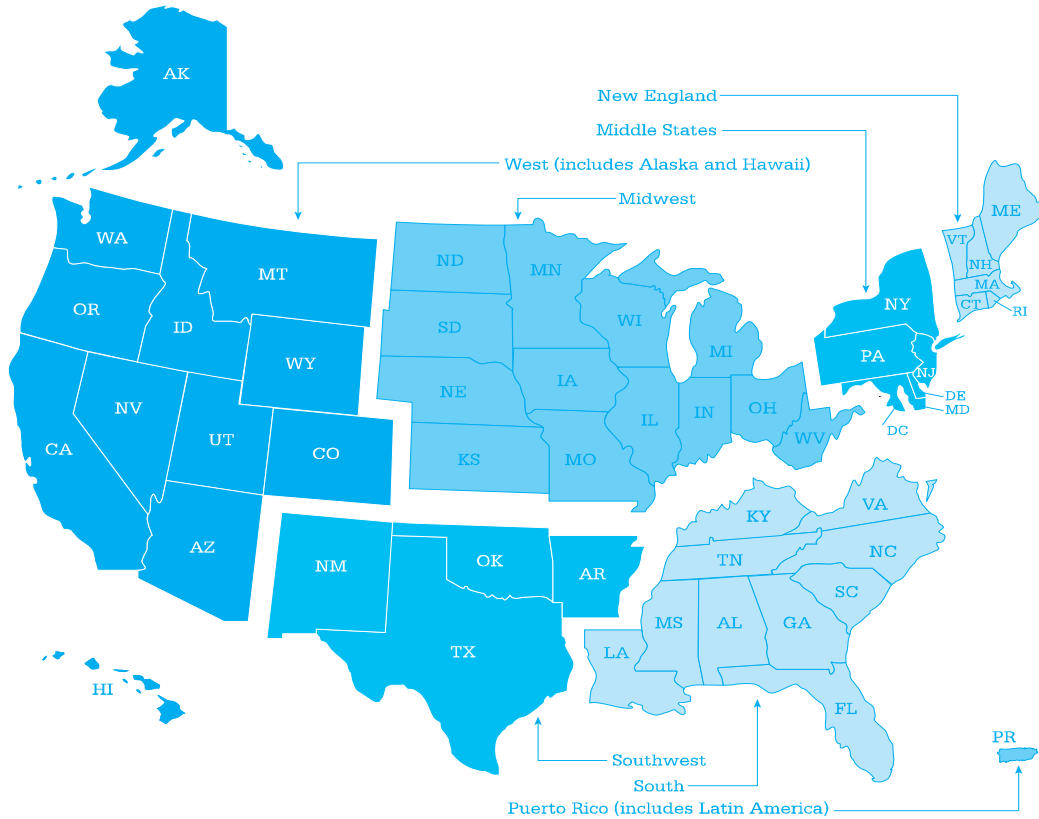
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 7,725 students from your state who took the SAT and/or an SAT Subject Test, 5,012 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 1,096 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Colorado Boulder	CO	Public	1,817	36.3
Colorado State University	CO	Public	1,150	22.9
Colorado School of Mines	CO	Public	679	13.5
University of Denver	CO	Private	676	13.5
Stanford University	CA	Private	613	12.2
BOETTCHER FOUNDATION SCHOLARSHIP	CO	Scholarship	375	7.5
University of Colorado Colorado Springs	CO	Public	365	7.3
Harvard College	MA	Private	356	7.1
Cornell University	NY	Private	334	6.7
University of California: Berkeley	CA	Public	320	6.4
Princeton University	NJ	Private	311	6.2
University of Colorado Denver	CO	Public	278	5.5
University of Northern Colorado	CO	Public	276	5.5
University of Southern California	CA	Private	274	5.5
Massachusetts Institute of Technology	MA	Private	272	5.4
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	267	5.3
NCAA Eligibility Center	IN	Public	263	5.2
Colorado College	CO	Private	255	5.1
Northwestern University	IL	Private	254	5.1
Duke University	NC	Private	249	5.0
Yale University	CT	Private	244	4.9
Dartmouth College	NH	Private	241	4.8
Columbia University	NY	Private	233	4.6
University of Pennsylvania	PA	Private	216	4.3
Brown University	RI	Private	211	4.2
University of Chicago	IL	Private	210	4.2
University of California: Los Angeles	CA	Public	198	4.0
University of Michigan	MI	Public	193	3.9
Vanderbilt University	TN	Private	193	3.9
University of Washington	WA	Public	187	3.7
New York University	NY	Private	178	3.6
Boston University	MA	Private	176	3.5
Carnegie Mellon University	PA	Private	172	3.4
Washington University in St. Louis	MO	Private	172	3.4
Santa Clara University	CA	Private	172	3.4
CENTER FOR BRIGHT KIDS	CO	Scholarship	167	3.3
Johns Hopkins University	MD	Private	160	3.2
Baylor University	TX	Private	159	3.2
Rice University	TX	Private	152	3.0
Georgetown University	DC	Private	152	3.0
California Institute of Technology	CA	Private	149	3.0
University of Virginia	VA	Public	144	2.9
University of San Diego	CA	Private	141	2.8
United States Air Force Academy	CO	Public	140	2.8
University of Notre Dame	IN	Private	139	2.8

\*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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