

# SAT<sup>®</sup>

2014 College-Bound Seniors

# State Profile Report



UTAH

## 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	1,700	571	115	568	113	551	111	55.4	11.4	7.5	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	822	573	120	587	117	544	116	54.9	11.9	7.4	1.5
Female	878	569	111	550	107	558	106	55.8	11.0	7.7	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)	1,010	570	122	572	117	551	113	55.3	11.7	7.5	1.5
Junior (2012-2013)	668	574	104	563	106	554	106	55.5	10.9	7.6	1.5
Sophomore (2011-2012)	20	528		543		500		51.4		6.9	
Freshman (2010-2011)	2										
Total	1,700	571	115	568	113	551	111	55.4	11.4	7.5	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	650	650	630	570	600	560
50th	580	570	550	490	510	480
25th	500	490	480	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	127	108	235	160	77	237	78	78	156
600-690	242	251	493	245	237	482	201	232	433
500-590	251	316	567	242	287	529	278	337	615
400-490	144	138	282	124	214	338	176	171	347
300-390	39	51	90	43	54	97	76	51	127
200-290	19	14	33	8	9	17	13	9	22

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	959	59	48	52	598	594	573
Religiously Affiliated	401	25	52	48	532	548	525
Independent	263	16	46	54	536	513	515
Other or Unknown	77		39	61	558	525	533

**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	92	5	556	100	524	101	518	107
Nonstandard Conditions	54	3	536	89	527	122	507	95

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	10	1	492		462		452	
Asian, Asian American, or Pacific Islander	222	13	514	144	604	118	519	143
Black or African American	39	2	526	110	509	103	517	92
Mexican or Mexican American	38	2	552	97	533	109	542	100
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	64	4	524	100	520	102	518	100
White	1,186	70	591	102	574	108	565	101
Other	50	3	589	119	562	100	560	120
No Response	88	5	509	130	489	116	494	106
Total	1,700	100	571	115	568	113	551	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	7	0	510		494		480	
Asian, Asian American, or Pacific Islander	117	7	512	148	609	128	505	144
Black or African American	17	1	525		501		498	
Mexican or Mexican American	19	1	554		544		539	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	28	2	524	95	559	99	503	106
White	572	34	593	107	594	111	559	106
Other	29	2	584	112	562	101	557	124
No Response	32	2	523	143	517	116	490	121
Total	822	48	573	120	587	117	544	116

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	3	0						
Asian, Asian American, or Pacific Islander	105	6	516	139	599	106	536	141
Black or African American	22	1	528		515		531	
Mexican or Mexican American	19	1	549		521		545	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	36	2	524	103	489	93	529	92
White	614	36	589	98	555	102	571	97
Other	21	1	596		562		564	
No Response	56	3	502	122	474	112	497	97
Total	878	52	569	111	550	107	558	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	1,700	100	571	115	568	113	551	111
<b>First Language Learned</b>								
English	1,310	81	587	104	571	108	562	103
English and Another	152	9	553	117	554	132	543	116
Another Language	154	10	485	147	579	119	491	141
No Response	84		521	124	523	124	508	108
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,442	94	587	104	572	110	563	104
U.S. Permanent Resident or Refugee	34	2	578	122	633	116	572	115
Citizen of Another Country	55	4	436	140	569	127	463	141
Other, Unknown, or No Response	169		481	124	522	118	472	109
<b>Plans to Apply for Financial Aid</b>								
Yes	887	63	587	107	579	109	568	107
No	183	13	578	111	568	118	552	105
Don't Know	329	24	571	117	564	113	546	113
No Response	301		522	126	538	116	507	111
<b>Family Income</b>								
\$0 - \$20,000	51	5	485	108	516	104	475	112
\$20,000–\$40,000	80	8	537	117	537	113	520	109
\$40,000–\$60,000	104	10	546	123	558	115	522	120
\$60,000–\$80,000	132	12	571	97	559	104	550	103
\$80,000–\$100,000	162	15	596	121	588	109	573	112
\$100,000–\$120,000	133	13	592	105	585	106	570	99
\$120,000–\$140,000	75	7	580	101	577	105	564	94
\$140,000–\$160,000	55	5	603	93	596	93	587	96
\$160,000–\$200,000	89	8	593	105	578	106	568	95
More than \$200,000	178	17	597	98	594	111	578	99
No Response	641		562	121	559	118	542	115
<b>Highest Level of Parental Education</b>								
No High School Diploma	19	1	484		496		452	
High School Diploma	211	13	515	121	521	106	496	112
Associate Degree	63	4	547	103	542	96	520	102
Bachelor's Degree	573	36	568	105	566	107	551	102
Graduate Degree	710	45	609	102	602	107	586	102
No Response	124		487	131	485	115	474	110
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	519	36	603	112	598	106	580	106
Yes, As a Sophomore or Younger	220	15	570	93	562	103	548	96
Yes, As a Junior and As a Sophomore or Younger	320	22	623	93	620	94	610	93
No	392	27	527	108	514	109	504	103
No Response	249		509	122	528	115	494	108

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	462	56	50	50	634	638	616
Second Tenth	220	27	48	52	569	567	548
Second Fifth	90	11	61	39	538	525	509
Final Three Fifths	50	6	54	46	489	477	467
No Response	878		46	54	547	540	527

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)	306	20	49	51	641	647	625
A (93–96)	529	34	42	58	601	603	581
A- (90–92)	315	20	47	53	563	558	544
B (80–89)	361	23	56	44	516	495	492
C (70–79)	51	3	63	37	463	455	435
D, E, or F (below 70)	2	0	50	50			
No Response	136		49	51	504	515	490
<b>Mean Grade Point Average</b>	<b>All Students: 3.73</b>		<b>Male: 3.67</b>		<b>Female: 3.78</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	2.6	3.1	2.9	3.84	3.96	3.90
English and Language Arts	4.0	4.0	4.0	3.68	3.82	3.76
Foreign and Classical Languages	2.9	3.0	2.9	3.59	3.76	3.68
Mathematics	4.0	3.9	4.0	3.56	3.57	3.57
Natural Sciences	3.8	3.7	3.7	3.64	3.67	3.65
Social Sciences and History	3.7	3.7	3.7	3.69	3.76	3.73
<b>Total for All Subjects</b>	<b>21.0</b>	<b>21.4</b>	<b>21.2</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	222	16	50	50	581	590	564	
4 Years	1,001	73	47	53	594	582	571	
3 Years	98	7	54	46	538	535	521	
2 Years	22	2	32	68	488	500	485	
1 Year	12	1	58	42	482	501	450	
1/2 Year or Less	9	1	56	44	502	493	492	
No Response	336		51	49	517	530	501	
AP@/Honors Courses	889	65	45	55	620	609	597	
<b>Course Work or Experience</b>								
English/Language Arts	1,281	98	47	53	587	579	566	
Journalism	159	12	43	57	613	590	589	
Creative Writing	354	27	37	63	588	565	571	
American Literature	721	55	46	54	592	582	573	
Composition/Writing	578	44	44	56	581	569	565	
British Literature	285	22	46	54	600	591	584	
World Literature	384	29	43	57	593	578	576	
Communications	116	9	39	61	556	553	544	
Public Speaking	253	19	45	55	588	577	569	
English As Second Language	50	4	48	52	446	567	463	
<b>Mathematics</b>								
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	290	21	56	44	594	617	575	
4 Years	833	61	46	54	597	584	575	
3 Years	192	14	42	58	539	510	518	
2 Years	26	2	50	50	476	479	472	
1 Year	16	1	44	56	516	524	482	
1/2 Year or Less	9	1	56	44	529	484	508	
No Response	334		52	48	517	530	501	
AP/Honors Courses	833	61	49	51	622	626	601	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	781	59	51	49	620	631	600	
Pre-calculus	313	24	44	56	558	535	537	
Geometry	217	16	42	58	506	459	483	
Algebra II	8	1	50	50	559	519	549	
Algebra I	3	0	67	33				

\*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	237	18	53	47	601	615	579	
4 Years	650	48	48	52	601	591	581	
3 Years	378	28	42	58	561	542	538	
2 Years	48	4	48	52	526	526	515	
1 Year	24	2	63	38	536	560	519	
1/2 Year or Less	17	1	53	47	499	513	489	
No Response	346		52	48	517	530	501	
AP/Honors Courses	751	55	48	52	624	623	600	
<b>Course Work or Experience</b>								
Biology	1,264	97	47	53	586	579	565	
Chemistry	1,185	91	48	52	592	587	571	
Physics	924	71	53	47	598	600	577	
Geology, Earth, or Space Science	555	42	46	54	555	544	536	
Other Sciences	478	37	42	58	577	561	557	

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	191	14	50	50	588	595	571	
4 Years	734	54	48	52	597	585	575	
3 Years	340	25	47	53	569	559	548	
2 Years	65	5	38	62	553	556	535	
1 Year	17	1	47	53	537	546	505	
1/2 Year or Less	15	1	60	40	457	503	473	
No Response	338		51	49	519	531	502	
AP/Honors Courses	817	60	48	52	620	610	596	
<b>Course Work or Experience</b>								
U.S. History	1,261	97	47	53	587	580	566	
World History or Cultures	941	72	48	52	578	571	555	
U.S. Government or Civics	1,073	82	47	53	588	580	565	
Economics	327	25	48	52	573	571	559	
Geography	938	72	46	54	586	581	564	
Psychology	562	43	43	57	590	582	571	
European History	518	40	46	54	602	594	585	
Sociology	129	10	45	55	551	545	528	
Ancient History	241	18	50	50	568	561	554	
Other Courses	181	14	47	53	581	573	564	

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	143	11	46	54	596	604	574
4 Years	327	24	42	58	620	606	605
3 Years	366	27	47	53	586	584	569
2 Years	400	29	53	47	566	554	539
1 Year	69	5	48	52	549	548	517
1/2 Year or Less	51	4	49	51	505	504	492
No Response	344		51	49	518	530	501
AP/Honors Courses	407	30	42	58	627	625	610
<b>Course Work or Experience</b>							
Chinese	123	9	52	48	586	635	581
French	292	23	36	64	598	583	578
German	102	8	53	47	627	590	587
Greek		0					
Hebrew	3	0	100	0			
Italian	12	1	58	42	628	615	602
Japanese	25	2	44	56	578	600	549
Korean	10	1	40	60	492	615	484
Latin	66	5	44	56	605	591	591
Russian	9	1	67	33	587	594	573
Spanish	759	59	50	50	580	573	560
Other Languages	74	6	36	64	563	554	545

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

## Academic Information

## Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	179	13	42	58	593	591	572
4 Years	320	24	33	67	602	585	589
3 Years	237	18	44	56	579	565	559
2 Years	380	28	57	43	585	584	560
1 Year	175	13	61	39	563	574	538
1/2 Year or Less	51	4	53	47	544	525	528
No Response	358		52	48	520	529	503
AP/Honors Courses	259	19	37	63	633	618	611
<b>Course Work or Experience</b>							
Acting or Play Production	346	27	38	62	604	577	583
Art History or Appreciation	266	21	39	61	583	567	559
Dance	287	22	22	78	573	557	558
Drama: Study or Appreciation	269	21	39	61	593	569	570
Music: Study or Appreciation	257	20	51	49	621	601	599
Music Performance	674	52	45	55	602	590	581
Photography or Film	407	32	40	60	579	568	561
Studio Art and Design	472	37	41	59	583	571	564
None	73	6	67	33	529	555	513

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	966	80	47	53	599	587	576
Computer Programming	265	22	66	34	596	605	574
Word Processing	880	73	46	54	600	587	577
Internet Activity	694	57	48	52	602	589	581
Using Computer Graphics	522	43	50	50	594	586	570
Creating Spreadsheets/Databases	569	47	49	51	605	594	579
None	76	6	47	53	533	559	527

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
500	1,270	370	650	662	634

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	44	9
2	210	42
3	194	39
4 or More	52	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	154	653	90	124	665	93	640	86	637	88	
<b>History and Social Studies</b>											
U.S. History	205	670	83	159	663	77	653	79	649	85	
World History	21	637		15	690		654		671		
<b>Mathematics</b>											
Mathematics Level 1	109	633	90	76	616	102	636	88	601	106	
Mathematics Level 2	308	694	85	229	653	93	690	69	645	89	
<b>Science</b>											
Biology-E	49	682	90	40	689	74	675	70	663	82	
Biology-M	74	690	82	57	665	80	685	85	649	87	
Chemistry	157	668	98	119	651	105	696	74	645	102	
Physics	125	658	93	84	636	102	685	69	626	101	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	11	714		8	538		678		545		
French	11	610		10	695		629		668		
French/Listening	1			1							
German	1			1							
German/Listening	2			2							
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	1			1							
Latin	5	716		4							
Spanish	30	645	105	23	667		647		657		
Spanish/Listening	6	652		3							

## 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	24	16	37	18	5	24
700-740	29	19	60	29	1	5
650-690	35	23	37	18	3	14
600-640	27	18	34	17	5	24
550-590	17	11	22	11	3	14
500-540	15	10	8	4	2	10
450-490	3	2	4	2	2	10
400-440	3	2	1	0		
350-390	1	1	2	1		
300-340						
250-290						
200-240						
Total	154		205		21	
Mean	653		670		637	
SD	90		83			
75th percentile	730		730		690	
50th percentile	670		690		630	
25th percentile	590		620		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	10	9	105	34	11	22	20	27	42	27	25	20
700-740	21	19	51	17	17	35	22	30	32	20	22	18
650-690	21	19	64	21	7	14	13	18	21	13	21	17
600-640	20	18	36	12	6	12	10	14	22	14	27	22
550-590	25	23	37	12	5	10	4	5	20	13	16	13
500-540	7	6	11	4	2	4	2	3	13	8	10	8
450-490	1	1	4	1			3	4	5	3	3	2
400-440	1	1							1	1		
350-390	2	2							1	1	1	1
300-340	1	1			1	2						
250-290												
200-240												
Total	109		308		49		74		157		125	
Mean	633		694		682		690		668		658	
SD	90		85		90		82		98		93	
75th percentile	700		770		740		750		750		730	
50th percentile	630		710		700		710		680		650	
25th percentile	580		630		630		640		590		600	

## 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	7	64	1	9								
700-740	1	9	1	9					1	50		
650-690			2	18								
600-640	1	9	2	18								
550-590			1	9			1	100	1	50		
500-540			3	27								
450-490	2	18	1	9	1	100						
400-440												
350-390												
300-340												
250-290												
200-240												
Total	11		11		1		1		2			
Mean	714		610									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800					1	100	2	40	8	27	2	33
700-740							1	20	3	10		
650-690							1	20	5	17	1	17
600-640							1	20	3	10	2	33
550-590									4	13		
500-540									5	17	1	17
450-490									1	3		
400-440									1	3		
350-390												
300-340												
250-290												
200-240												
Total					1		5		30		6	
Mean							716		645		652	
SD									105			
75th percentile									730			
50th percentile									670			
25th percentile									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	9	1	570	542	570
Architecture and Related Services	18	1	588	591	577
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	105	8	607	599	578
Business Management, Marketing, and Related Support Services	138	10	537	552	527
Communication, Journalism and Related Programs	37	3	574	524	554
Computer and Information Sciences and Support Services	36	3	624	644	581
Construction Trades	0	0			
Education	30	2	577	550	548
Engineering	174	13	598	625	575
Engineering Technologies/Technicians	17	1	592	623	554
English Language and Literature/Letters	21	2	608	581	587
Family and Consumer Sciences/Human Sciences	5	0	550	506	530
Foreign Languages, Literatures, and Linguistics	14	1	570	564	548
Health Professions and Related Clinical Services	208	15	564	572	549
History	20	1	614	563	592
Legal Professions and Studies	37	3	607	578	590
Liberal Arts and Sciences, General Studies, and Humanities	13	1	584	528	578
Library Science And Administration	0	0			
Mathematics and Statistics	21	2	621	691	614
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	8	1	544	544	509
Multi/Interdisciplinary Studies	21	2	657	653	637
Natural Resources and Conservation	2	0			
Parks, Recreation, Leisure and Fitness Studies	6	0	453	477	443
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	3	0			
Physical Sciences	51	4	640	629	614
Precision Production	0	0			
Psychology	69	5	569	543	549
Public Administration and Social Services Professions	0	0			
Security and Protective Services	20	1	556	526	526
Social Sciences	31	2	615	557	584
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	123	9	573	542	559
Other	18	1	526	529	521
Undecided	129	9	607	603	586
<b>Degree-Level Goal</b>					
Certificate Program	13	1	462	485	437
Associate Degree	5	0	468	448	414
Bachelor's Degree	288	20	541	517	522
Master's Degree	455	32	580	578	559
Doctoral or Related Degree	474	33	617	616	597
Other	2	0			
Undecided	181	13	568	555	545

## College Plans

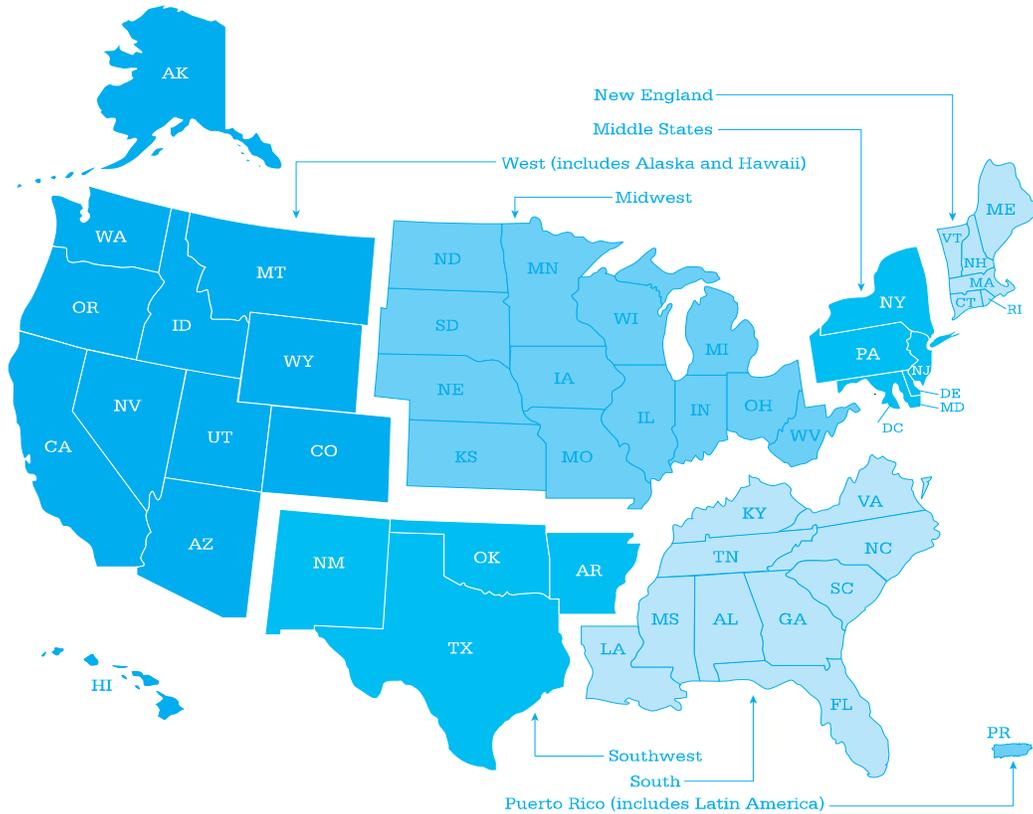
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 1,830 students from your state who took the SAT and/or an SAT Subject Test, 1,151 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 672 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Utah	UT	Public	506	44.0
Stanford University	CA	Private	211	18.3
Brigham Young University	UT	Private	188	16.3
Harvard College	MA	Private	156	13.6
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	155	13.5
Utah State University	UT	Public	147	12.8
University of California: Berkeley	CA	Public	105	9.1
Massachusetts Institute of Technology	MA	Private	102	8.9
Princeton University	NJ	Private	97	8.4
Yale University	CT	Private	94	8.2
Cornell University	NY	Private	88	7.6
University of Southern California	CA	Private	87	7.6
Westminster College	UT	Private	87	7.6
Columbia University	NY	Private	81	7.0
University of Pennsylvania	PA	Private	74	6.4
University of California: Los Angeles	CA	Public	69	6.0
Duke University	NC	Private	66	5.7
University of Washington	WA	Public	66	5.7
Utah Valley University	UT	Public	66	5.7
University of Chicago	IL	Private	61	5.3
Washington University in St. Louis	MO	Private	60	5.2
New York University	NY	Private	57	5.0
University of Michigan	MI	Public	55	4.8
Northwestern University	IL	Private	53	4.6
University of Colorado Boulder	CO	Public	53	4.6
Brown University	RI	Private	52	4.5
Boston University	MA	Private	49	4.3
Dartmouth College	NH	Private	49	4.3
Southern Utah University	UT	Public	48	4.2
NCAA Eligibility Center	IN	Public	46	4.0
Weber State University	UT	Public	45	3.9
Johns Hopkins University	MD	Private	44	3.8
University of California: San Diego	CA	Public	44	3.8
California Institute of Technology	CA	Private	44	3.8
Vanderbilt University	TN	Private	43	3.7
Rice University	TX	Private	43	3.7
University of Portland	OR	Private	40	3.5
Carnegie Mellon University	PA	Private	36	3.1
University of Oregon	OR	Public	33	2.9
University of Virginia	VA	Public	32	2.8
Georgetown University	DC	Private	32	2.8
University of North Carolina at Chapel Hill	NC	Public	31	2.7
Arizona State University	AZ	Public	29	2.5
Brigham Young University-Idaho	ID	Private	28	2.4
Lewis & Clark College	OR	Private	28	2.4

\*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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