

# SAT<sup>®</sup>

2015 College-Bound Seniors

# State Profile Report



MISSOURI

## 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 2015 who took the SAT or SAT Subject Tests at any time during high school. ***Data and other information in this report are embargoed from dissemination to the media and general public until after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2015.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions about the College Board Program Results press briefing, 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 2015* includes students who tested through June 2015.

## Using This Report

*College-Bound Seniors* presents data on high school graduates in the year 2015 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 a 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, 1972–2015

<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
2015	497	493	495	527	496	511	478	490	484

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 2000–2015, 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 2015. Information is summarized for seniors who took the SAT at any time during their high school years through June 2015. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	2,379	596	116	599	114	582	116	58.8	11.8	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	1,161	595	122	613	120	572	123	58.1	12.4	7.4	1.6
Female	1,218	597	109	585	106	592	109	59.5	11.2	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 (2014-2015)	1,232	586	121	595	120	573	122	57.8	12.5	7.6	1.6
Junior (2013-2014)	1,100	609	108	604	107	595	108	60.1	11.0	7.7	1.5
Sophomore (2012-2013)	34	574	102	581	97	531	103	54.6	9.9	6.8	1.5
Freshman (2011-2012)	13	522		532		489		50.5		6.6	
Total	2,379	596	116	599	114	582	116	58.8	11.8	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	1,698,521	495	116	511	120	484	115	48.7	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 2015 cohort took the SAT Writing section. The Writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

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

## SAT Data

Table 5: Percentiles for State and Total Group

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

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	680	680	670	570	590	560
50th	610	610	590	490	510	480
25th	520	530	510	410	430	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	240	236	476	313	176	489	179	220	399
600-690	391	406	797	401	410	811	366	394	760
500-590	296	356	652	255	398	653	322	366	688
400-490	159	176	335	139	176	315	186	186	372
300-390	56	35	91	44	52	96	81	43	124
200-290	19	9	28	9	6	15	27	9	36

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,193	53	46	54	598	602	579
Religiously Affiliated	600	27	52	49	593	591	585
Independent	458	20	55	45	591	609	588
Other or Unknown	128		41	59	607	563	578

Note: Percentiles are reported when there are 20 or more test-takers.  
The College Board is no longer collecting data regarding Disabling Conditions.

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 8: 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	12	1	595		558		589	
Asian, Asian American, or Pacific Islander	334	14	581	144	660	110	588	143
Black or African American	159	7	515	118	498	114	506	112
Mexican or Mexican American	46	2	466	155	479	138	456	155
Puerto Rican	8	0	584		550		540	
Other Hispanic, Latino, or Latin American	73	3	581	106	562	122	554	115
White	1,612	68	613	101	604	102	595	103
Other	76	3	590	106	577	115	575	105
No Response	59	2	562	122	563	112	545	121
Total	2,379	100	596	116	599	114	582	116

Table 9: 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	5	0	576		540		526	
Asian, Asian American, or Pacific Islander	174	7	574	149	669	112	580	147
Black or African American	69	3	512	130	505	125	494	123
Mexican or Mexican American	32	1	421	155	445	141	406	158
Puerto Rican	6	0	545		515		493	
Other Hispanic, Latino, or Latin American	34	1	561	118	560	132	528	119
White	777	33	618	104	622	105	589	107
Other	35	1	593	99	600	116	563	101
No Response	29	1	562	100	593	110	538	100
Total	1,161	49	595	122	613	120	572	123

Table 10: 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	7	0	609		571		634	
Asian, Asian American, or Pacific Islander	160	7	589	137	651	108	597	138
Black or African American	90	4	518	108	493	106	514	102
Mexican or Mexican American	14	1	568		556		569	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	39	2	598	90	564	114	577	105
White	835	35	608	98	587	97	601	99
Other	41	2	588	112	557	110	585	107
No Response	30	1	562	141	534	106	551	139
Total	1,218	51	597	109	585	106	592	109

## Demographic Information

### SAT: Student Background Information and Characteristics

**Table 11: Student Background Information and Characteristics**

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	2,379	100	596	116	599	114	582	116
<b>First Language Learned</b>								
English	1,878	81	604	105	595	109	588	107
English and Another	207	9	609	128	619	123	599	128
Another Language	241	10	516	149	604	142	518	153
No Response	53		608	117	606	106	606	108
<b>Citizenship</b>								
U.S. Citizen / U.S. National	2,083	92	608	106	600	110	593	108
U.S. Permanent Resident or Refugee	50	2	572	133	600	111	542	129
Citizen of Another Country	130	6	466	140	582	147	478	150
Other, Unknown, or No Response	116		532	129	585	139	527	135
<b>Plans to Apply for Financial Aid</b>								
Yes	1,365	68	600	112	594	114	582	113
No	224	11	572	120	589	118	568	118
Don't Know	422	21	590	117	602	112	580	119
No Response	368		600	123	616	113	592	123
<b>Family Income</b>								
\$0 - \$20,000	76	5	531	131	524	117	514	115
\$20,000–\$40,000	124	8	537	112	531	107	519	112
\$40,000–\$60,000	165	11	574	116	558	113	553	108
\$60,000–\$80,000	175	12	584	113	578	115	561	113
\$80,000–\$100,000	214	14	599	105	600	110	579	98
\$100,000–\$120,000	186	12	609	106	611	101	591	106
\$120,000–\$140,000	99	7	620	101	602	111	607	110
\$140,000–\$160,000	59	4	613	112	614	107	594	109
\$160,000–\$200,000	108	7	611	109	625	113	598	107
More than \$200,000	307	20	612	111	616	105	599	111
No Response	866		602	118	613	113	594	123
<b>Highest Level of Parental Education</b>								
No High School Diploma	19	1	469		498		459	
High School Diploma	247	11	527	115	527	121	505	118
Associate Degree	79	3	544	115	544	120	535	114
Bachelor's Degree	797	35	591	111	592	108	574	110
Graduate Degree	1,150	50	626	104	627	104	615	106
No Response	87		516	131	559	117	506	123
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	644	30	612	108	613	109	598	108
Yes, As a Sophomore or Younger	381	18	585	101	584	104	568	109
Yes, As a Junior and As a Sophomore or Younger	705	32	639	102	636	104	629	100
No	440	20	519	114	529	110	504	108
No Response	209		580	124	603	118	565	128

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 12: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	745	64	47	53	642	650	630
Second Tenth	215	19	55	45	553	566	538
Second Fifth	135	12	64	36	523	530	505
Final Three Fifths	67	6	52	48	472	496	446
No Response	1,217		47	53	590	586	577

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	474	21	41	59	661	662	650
A (93–96)	766	34	45	55	624	630	613
A- (90–92)	430	19	50	50	582	588	568
B (80–89)	519	23	59	41	530	529	510
C (70–79)	61	3	62	38	441	439	416
D, E, or F (below 70)		0					
No Response	129		50	50	580	575	567
<b>Mean Grade Point Average</b>	<b>All Students: 3.75</b>		<b>Male: 3.68</b>		<b>Female: 3.82</b>		

Table 14: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.6	2.9	2.8	3.89	3.95	3.92
English and Language Arts	4.0	4.0	4.0	3.59	3.79	3.70
Foreign and Classical Languages	3.1	3.4	3.3	3.60	3.75	3.68
Mathematics	4.1	4.1	4.1	3.59	3.60	3.59
Natural Sciences	3.8	3.9	3.8	3.63	3.71	3.68
Social Sciences and History	3.7	3.8	3.7	3.68	3.74	3.71
<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 15: 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	349	18	47	53	604	607	588	
4 Years	1,365	71	47	53	608	606	592	
3 Years	135	7	53	47	512	528	503	
2 Years	35	2	63	37	495	533	494	
1 Year	15	1	40	60	577	585	577	
1/2 Year or Less	13	1	46	54	471	500	481	
No Response	467		52	48	591	600	580	
AP <sup>®</sup> /Honors Courses	1,106	58	43	57	632	627	618	
<b>Course Work or Experience</b>								
English/Language Arts	1,711	95	48	52	598	597	583	
Journalism	230	13	35	65	588	571	576	
Creative Writing	436	24	42	58	587	575	571	
American Literature	1,127	62	44	56	602	597	590	
Composition/Writing	1,008	56	47	53	592	589	580	
British Literature	458	25	40	60	607	593	594	
World Literature	594	33	39	61	599	590	584	
Communications	239	13	45	55	561	562	545	
Public Speaking	651	36	46	54	597	591	582	
English As Second Language	114	6	58	42	464	558	466	
<b>Mathematics</b>								
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	570	30	50	50	626	639	607	
4 Years	1,112	58	47	53	599	595	586	
3 Years	185	10	48	52	520	510	509	
2 Years	25	1	68	32	503	553	500	
1 Year	15	1	73	27	555	571	569	
1/2 Year or Less	21	1	33	67	489	469	484	
No Response	451		51	49	592	602	582	
AP/Honors Courses	1,112	58	49	51	637	647	624	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,058	56	53	47	639	652	625	
Pre-calculus	358	19	40	60	564	563	555	
Geometry	384	20	43	57	522	489	498	
Algebra II	18	1	44	56	494	519	497	
Algebra I	3	0	33	67				

\*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

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

## Academic Information

## Course-Taking Patterns

Table 16: 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	404	21	46	54	634	647	618
4 Years	955	51	47	53	609	607	594
3 Years	405	21	48	52	554	547	541
2 Years	68	4	53	47	547	578	533
1 Year	27	1	74	26	536	539	512
1/2 Year or Less	25	1	48	52	502	517	504
No Response	495		53	47	588	596	579
AP/Honors Courses	1,019	54	47	53	641	645	626
<b>Course Work or Experience</b>							
Biology	1,749	96	47	53	598	599	584
Chemistry	1,671	91	48	52	603	604	588
Physics	1,332	73	51	49	613	618	598
Geology, Earth, or Space Science	548	30	45	55	574	566	558
Other Sciences	782	43	39	61	591	587	577

<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	310	16	50	50	621	620	603
4 Years	975	51	46	54	615	609	601
3 Years	504	26	48	52	566	577	552
2 Years	78	4	60	40	501	533	493
1 Year	20	1	50	50	586	597	582
1/2 Year or Less	18	1	50	50	530	557	545
No Response	474		52	48	590	598	579
AP/Honors Courses	1,069	56	47	53	636	634	621
<b>Course Work or Experience</b>							
U.S. History	1,687	93	48	52	600	600	585
World History or Cultures	1,496	82	47	53	601	600	586
U.S. Government or Civics	1,344	74	47	53	601	598	583
Economics	514	28	56	44	591	597	575
Geography	422	23	46	54	565	563	551
Psychology	703	39	36	64	605	599	589
European History	489	27	47	53	619	611	604
Sociology	221	12	37	63	564	555	540
Ancient History	390	21	52	48	607	596	594
Other Courses	360	20	38	62	597	589	578

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: 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	276	15	40	60	622	627	613
4 Years	671	35	45	55	631	627	624
3 Years	375	20	50	50	594	593	578
2 Years	451	24	53	47	558	559	534
1 Year	54	3	46	54	529	568	509
1/2 Year or Less	65	3	63	37	488	505	470
No Response	487		53	47	590	600	579
AP/Honors Courses	617	33	44	56	649	646	640
<b>Course Work or Experience</b>							
Chinese	87	5	68	32	571	603	569
French	430	23	35	65	601	587	584
German	125	7	62	38	613	615	595
Greek	32	2	66	34	665	664	658
Hebrew	11	1	36	64	567	561	585
Italian	12	1	50	50	528	521	524
Japanese	22	1	55	45	561	587	547
Korean	6	0	67	33	473	487	522
Latin	222	12	51	49	637	623	618
Russian	18	1	72	28	572	550	547
Spanish	1,066	58	49	51	596	596	582
Other Languages	44	2	55	45	524	565	515

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: Arts and Music, Computers

<b>Arts and Music*</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	234	14	41	59	605	605	591	
4 Years	447	26	42	58	621	619	614	
3 Years	245	14	45	55	571	571	561	
2 Years	357	21	49	51	596	592	577	
1 Year	363	21	57	43	600	613	578	
1/2 Year or Less	75	4	56	44	591	594	566	
No Response	658		52	48	583	589	572	
AP/Honors Courses	211	12	37	63	641	638	633	
<b>Course Work or Experience</b>								
Acting or Play Production	451	26	36	64	614	597	602	
Art History or Appreciation	366	21	42	58	590	584	580	
Dance	216	12	18	82	593	586	592	
Drama: Study or Appreciation	364	21	37	63	597	584	588	
Music: Study or Appreciation	327	19	51	49	599	591	584	
Music Performance	994	57	49	51	608	610	594	
Photography or Film	382	22	41	59	596	589	586	
Studio Art and Design	497	28	40	60	606	597	593	
None	129	7	57	43	546	554	526	

<b>Computers†</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	229	59	48	52	624	630	611
Computer Programming	110	28	69	31	627	655	612
Word Processing	223	58	45	55	624	625	608
Internet Activity	190	49	46	54	623	624	610
Using Computer Graphics	126	33	44	56	614	624	604
Creating Spreadsheets/Databases	147	38	48	52	622	626	608
None	65	17	43	57	607	622	604

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.

\*Information about Arts & Music is incomplete for the 2015 cohort as data was not collected through the online registration process between January and June 2015. The full collection of this data has resumed.

†Information about Computer Experience represents a small sample of the 2015 cohort as this information is no longer collected through the online registration process as of November 2013.

SAT Subject Tests™ Data

Table 19: 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
959	2,518	606	676	691	670

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	61	6
2	408	43
3	360	38
4 or More	130	14

Table 20: 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	270	653	82	170	681	80	661	85	672	86	
<b>History and Social Studies</b>											
U.S. History	253	659	91	154	678	74	665	70	673	84	
World History	71	662	84	45	712	67	706	82	694	71	
<b>Mathematics</b>											
Mathematics Level 1	242	645	89	136	655	85	656	86	644	78	
Mathematics Level 2	617	712	82	419	684	83	713	67	678	79	
<b>Science</b>											
Biology-E	158	682	87	108	679	75	691	70	673	78	
Biology-M	133	691	75	84	683	81	701	75	680	82	
Chemistry	346	695	88	236	683	87	713	69	686	77	
Physics	247	699	76	166	688	73	723	58	676	72	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	18	745		16	714		751		714		
French	34	598	100	24	705		677		700		
French/Listening	4			3							
German	1										
German/Listening	3			1							
Modern Hebrew	2			1							
Italian	1										
Japanese/Listening	1										
Korean/Listening	5	792		5	560		700		576		
Latin	31	622	97	23	666		695		671		
Spanish	76	653	95	48	683	97	671	86	686	83	
Spanish/Listening	5	658		4							

## SAT Subject Tests Score Distributions

Table 21: 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	30	11	43	17	14	20
700-740	67	25	59	23	12	17
650-690	67	25	53	21	14	20
600-640	42	16	31	12	11	15
550-590	38	14	39	15	14	20
500-540	18	7	14	6	5	7
450-490	3	1	10	4	1	1
400-440	3	1	1	0		
350-390	2	1	3	1		
300-340						
250-290						
200-240						
Total	270		253		71	
Mean	653		659		662	
SD	82		91		84	
75th percentile	710		730		730	
50th percentile	660		670		660	
25th percentile	600		590		590	

Table 22: 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	17	7	273	44	42	27	39	29	124	36	82	33
700-740	71	29	97	16	37	23	29	22	71	21	45	18
650-690	51	21	101	16	25	16	31	23	59	17	57	23
600-640	34	14	82	13	31	20	21	16	43	12	42	17
550-590	32	13	48	8	15	9	6	5	28	8	14	6
500-540	25	10	10	2	5	3	6	5	12	3	5	2
450-490	6	2	4	1					6	2	2	1
400-440	4	2	2	0	1	1	1	1	1	0		
350-390	1	0			2	1			2	1		
300-340	1	0										
250-290												
200-240												
Total	242		617		158		133		346		247	
Mean	645		712		682		691		695		699	
SD	89		82		87		75		88		76	
75th percentile	720		790		750		750		770		770	
50th percentile	670		730		690		700		710		700	
25th percentile	570		650		610		640		640		640	

## SAT Subject Tests Score Distributions

Table 23: 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	14	78	2	6							1	50
700-740	1	6	5	15							1	50
650-690	1	6	5	15	1	25						
600-640			4	12	1	25						
550-590	1	6	5	15					1	33		
500-540			7	21					1	33		
450-490	1	6	5	15	1	25	1	100	1	33		
400-440			1	3	1	25						
350-390												
300-340												
250-290												
200-240												
Total	18		34		4		1		3		2	
Mean	745		598									
SD			100									
75th percentile			680									
50th percentile			570									
25th percentile			500									

Table 24: 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					5	100	4	13	17	22	1	20
700-740							5	16	9	12		
650-690							4	13	19	25	1	20
600-640							5	16	9	12	2	40
550-590							4	13	13	17	1	20
500-540							6	19	4	5		
450-490			1	100			3	10	3	4		
400-440									1	1		
350-390									1	1		
300-340	1	100										
250-290												
200-240												
Total	1		1		5		31		76		5	
Mean					792		622		653		658	
SD							97		95			
75th percentile							700		730			
50th percentile							610		670			
25th percentile							530		580			



## College Plans

Table 25: 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	10	0	543	574	535
Architecture and Related Services	23	1	536	570	536
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	178	9	623	627	608
Business Management, Marketing, and Related Support Services	244	12	560	573	548
Communication, Journalism and Related Programs	47	2	613	577	616
Computer and Information Sciences and Support Services	79	4	632	643	605
Construction Trades	1	0			
Education	52	3	549	539	536
Engineering	309	15	622	648	602
Engineering Technologies/Technicians	18	1	578	613	546
English Language and Literature/Letters	55	3	654	602	649
Family and Consumer Sciences/Human Sciences	1	0			
Foreign Languages, Literatures, and Linguistics	32	2	655	612	635
Health Professions and Related Clinical Services	286	14	590	592	585
History	24	1	558	518	542
Legal Professions and Studies	70	3	610	594	595
Liberal Arts and Sciences, General Studies, and Humanities	21	1	623	618	630
Library Science And Administration	1	0			
Mathematics and Statistics	26	1	640	685	623
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	9	0	589	590	580
Multi/Interdisciplinary Studies	18	1	635	657	628
Natural Resources and Conservation	12	1	624	621	599
Parks, Recreation, Leisure and Fitness Studies	11	1	507	538	515
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	11	1	663	667	635
Physical Sciences	58	3	636	641	618
Precision Production	0	0			
Psychology	66	3	580	556	557
Public Administration and Social Services Professions	5	0	566	510	574
Security and Protective Services	14	1	519	519	499
Social Sciences	54	3	628	604	614
Theology and Religious Vocations	5	0	644	600	592
Transportation and Materials Moving	1	0			
Visual and Performing Arts	128	6	589	570	578
Other	23	1	564	551	536
Undecided	149	7	643	642	630
<b>Degree-Level Goal</b>					
Certificate Program	11	1	484	505	429
Associate Degree	10	0	501	461	473
Bachelor's Degree	411	20	552	551	537
Master's Degree	648	32	594	597	582
Doctoral or Related Degree	693	34	620	622	603
Other	11	1	502	525	481
Undecided	265	13	612	609	599

## College Plans

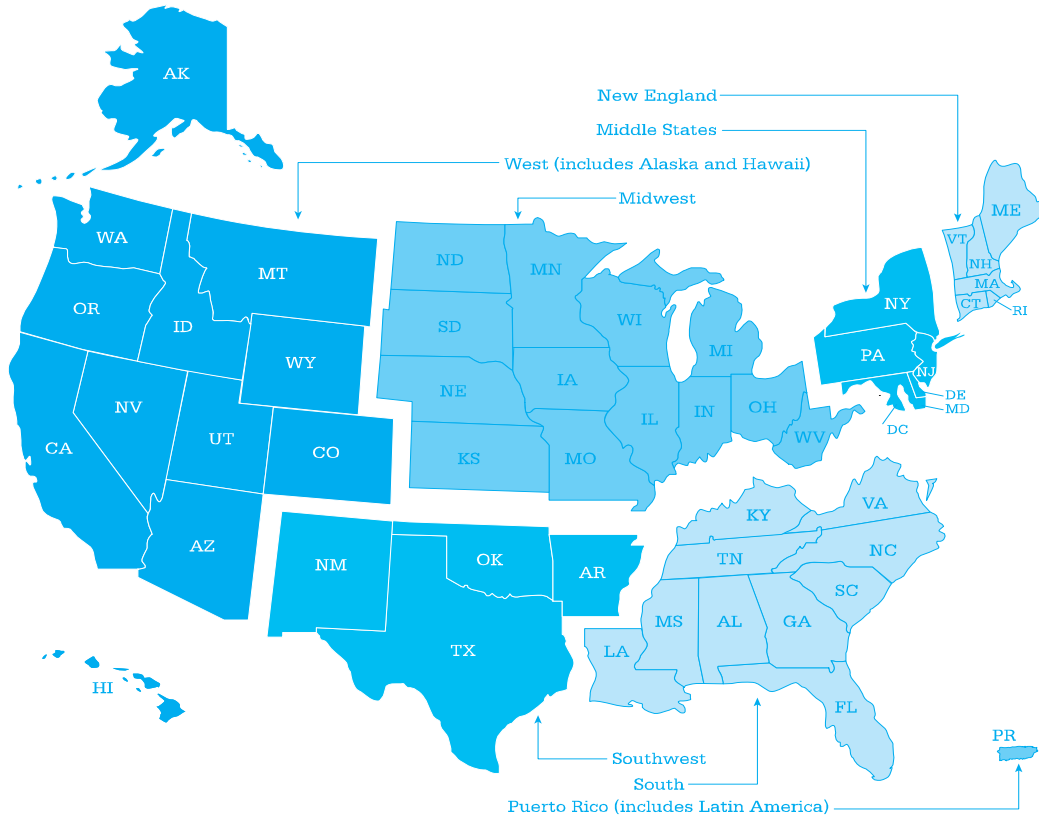
Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 2,732 students from your state who took the SAT and/or an SAT Subject Test, 1,809 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 776 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NMSC Scholarship Admin	IL	Scholarship	343	19.0
University of Missouri: Columbia	MO	Public	320	17.7
Washington University in St. Louis	MO	Private	296	16.4
Stanford University	CA	Private	263	14.5
Duke University Talent Identification Program	NC	Scholarship	194	10.7
Harvard College	MA	Private	192	10.6
Princeton University	NJ	Private	192	10.6
Northwestern University	IL	Private	191	10.6
Vanderbilt University	TN	Private	186	10.3
Massachusetts Institute of Technology	MA	Private	150	8.3
Cornell University	NY	Private	148	8.2
University of Pennsylvania	PA	Private	140	7.7
University of Chicago	IL	Private	135	7.5
University of California: Berkeley	CA	Public	132	7.3
Missouri University of Science and Technology	MO	Public	126	7.0
Yale University	CT	Private	124	6.9
University of Michigan	MI	Public	122	6.7
University of Southern California	CA	Private	120	6.6
Duke University	NC	Private	119	6.6
Saint Louis University	MO	Private	115	6.4
Columbia University	NY	Private	114	6.3
Dartmouth College	NH	Private	105	5.8
University of Illinois at Urbana-Champaign	IL	Public	104	5.7
Purdue University	IN	Public	98	5.4
Rice University	TX	Private	94	5.2
Truman State University	MO	Public	93	5.1
Missouri State University	MO	Public	91	5.0
University of California: Los Angeles	CA	Public	91	5.0
University of Kansas	KS	Public	90	5.0
Carnegie Mellon University	PA	Private	90	5.0
Brown University	RI	Private	89	4.9
Case Western Reserve University	OH	Private	88	4.9
Georgia Institute of Technology	GA	Public	85	4.7
Georgetown University	DC	Private	85	4.7
New York University	NY	Private	84	4.6
Boston University	MA	Private	82	4.5
Johns Hopkins University	MD	Private	79	4.4
University of Missouri: Kansas City	MO	Public	77	4.3
University of Virginia	VA	Public	76	4.2
Boston College	MA	Private	73	4.0
Emory University	GA	Private	73	4.0
University of Notre Dame	IN	Private	65	3.6
Indiana University Bloomington	IN	Public	61	3.4
University of Miami	FL	Private	60	3.3
University of North Carolina at Chapel Hill	NC	Public	59	3.3

\*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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