

# SAT<sup>®</sup>

2015 College-Bound Seniors

# State Profile Report



NORTH DAKOTA

## 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	134	597	105	608	110	586	111	59.5	11.1	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	61	606	100	630	103	586	101	59.6	10.5	7.5	1.4
Female	73	590	108	589	111	585	118	59.4	11.5	7.5	1.6

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)	79	591	114	605	117	578	117	58.4	11.8	7.6	1.5
Junior (2013-2014)	54	604	90	610	98	595	100	60.8	9.5	7.4	1.4
Sophomore (2012-2013)	1										
Freshman (2011-2012)	0										
Total	134	597	105	608	110	586	111	59.5	11.1	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	1,698,521	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	670	680	670	570	590	560
50th	600	620	600	490	510	480
25th	540	540	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	11	11	22	19	11	30	9	11	20
600-690	24	22	46	23	30	53	22	27	49
500-590	16	29	45	13	18	31	17	19	36
400-490	8	7	15	5	11	16	10	11	21
300-390	1	3	4	1	2	3	3	3	6
200-290	1	1	2		1	1		2	2

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	99	82	44	56	605	619	595
Religiously Affiliated	22	18	50	50	600	635	588
Independent		0					
Other or Unknown	13		46	54	534	482	512

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	1	1						
Asian, Asian American, or Pacific Islander	19	14	536		615		527	
Black or African American	2	1						
Mexican or Mexican American	0	0						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	0	0						
White	101	75	618	83	615	109	607	94
Other	3	2						
No Response	8	6	488		516		485	
Total	134	100	597	105	608	110	586	111

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	0	0						
Asian, Asian American, or Pacific Islander	8	6	576		646		583	
Black or African American	1	1						
Mexican or Mexican American	0	0						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	0	0						
White	45	34	626	75	644	92	605	81
Other	3	2						
No Response	4	3						
Total	61	46	606	100	630	103	586	101

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	1	1						
Asian, Asian American, or Pacific Islander	11	8	506		592		486	
Black or African American	1	1						
Mexican or Mexican American	0	0						
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	0	0						
White	56	42	612	89	592	116	608	103
Other	0	0						
No Response	4	3						
Total	73	54	590	108	589	111	585	118

## 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	134	100	597	105	608	110	586	111
<b>First Language Learned</b>								
English	107	82	614	82	607	105	597	94
English and Another	14	11	546		606		566	
Another Language	9	7	516		659		503	
No Response	4							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	115	88	606	88	607	107	593	97
U.S. Permanent Resident or Refugee	8	6	634		658		634	
Citizen of Another Country	7	5	459		627		463	
Other, Unknown, or No Response	4							
<b>Plans to Apply for Financial Aid</b>								
Yes	90	73	612	83	620	108	603	91
No	9	7	620		598		594	
Don't Know	24	20	544		596		533	
No Response	11		572		544		555	
<b>Family Income</b>								
\$0 - \$20,000	4	4						
\$20,000–\$40,000	5	5	542		520		464	
\$40,000–\$60,000	13	13	587		615		586	
\$60,000–\$80,000	8	8	645		644		615	
\$80,000–\$100,000	16	16	651		624		624	
\$100,000–\$120,000	17	17	587		624		558	
\$120,000–\$140,000	6	6	627		640		608	
\$140,000–\$160,000	6	6	632		687		665	
\$160,000–\$200,000	9	9	641		648		658	
More than \$200,000	14	14	630		620		624	
No Response	36		558	125	569	102	555	119
<b>Highest Level of Parental Education</b>								
No High School Diploma	1	1						
High School Diploma	13	10	592		604		534	
Associate Degree	11	8	595		562		555	
Bachelor's Degree	58	44	582	101	593	103	580	107
Graduate Degree	49	37	633	97	648	101	628	103
No Response	2							
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	53	41	611	81	623	76	594	89
Yes, As a Sophomore or Younger	15	12	591		584		573	
Yes, As a Junior and As a Sophomore or Younger	29	22	663	82	683	92	666	93
No	33	25	521	122	531	127	507	114
No Response	4							

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	74	73	43	57	638	661	641
Second Tenth	14	14	64	36	631	614	596
Second Fifth	5	5	60	40	600	524	546
Final Three Fifths	8	8	88	13	495	513	451
No Response	33		30	70	517	523	497

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)	42	33	38	62	647	682	647
A (93–96)	54	43	48	52	613	608	605
A- (90–92)	10	8	50	50	551	579	531
B (80–89)	17	13	47	53	516	508	478
C (70–79)	4	3	75	25			
D, E, or F (below 70)		0					
No Response	7		43	57	534	523	533
<b>Mean Grade Point Average</b>	<b>All Students: 3.92</b>		<b>Male: 3.85</b>		<b>Female: 3.98</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	3.0	3.2	3.1	3.95	3.95	3.95
English and Language Arts	4.1	4.0	4.1	3.84	3.91	3.88
Foreign and Classical Languages	2.6	2.7	2.7	3.77	3.82	3.79
Mathematics	4.5	4.1	4.3	3.85	3.69	3.76
Natural Sciences	4.0	3.8	3.9	3.83	3.78	3.80
Social Sciences and History	3.5	3.4	3.5	3.88	3.85	3.86
<b>Total for All Subjects</b>	<b>21.7</b>	<b>21.2</b>	<b>21.6</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

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	26	22	58	42	614	648	614
4 Years	81	69	40	60	607	611	590
3 Years	7	6	57	43	579	619	571
2 Years		0					
1 Year		0					
1/2 Year or Less	3	3	33	67			
No Response	17		53	47	557	547	555
AP@/Honors Courses	62	53	35	65	643	645	632
<b>Course Work or Experience</b>							
English/Language Arts	112	98	45	55	609	622	597
Journalism	11	10	27	73	579	591	562
Creative Writing	26	23	35	65	602	581	579
American Literature	61	54	41	59	620	619	599
Composition/Writing	60	53	48	52	604	608	583
British Literature	28	25	29	71	606	595	584
World Literature	24	21	46	54	597	594	578
Communications	19	17	63	37	602	606	568
Public Speaking	51	45	47	53	608	624	598
English As Second Language	6	5	50	50	458	618	458

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	55	47	58	42	625	664	622
4 Years	49	42	37	63	584	579	565
3 Years	11	9	18	82	599	565	581
2 Years		0					
1 Year		0					
1/2 Year or Less	3	3	33	67			
No Response	16		50	50	566	556	558
AP/Honors Courses	57	48	47	53	642	670	635
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	68	59	51	49	639	671	629
Pre-calculus	29	25	48	52	565	563	558
Geometry	17	15	18	82	562	525	528
Algebra II		0					
Algebra I		0					

\*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	29	25	52	48	631	683	628
4 Years	57	50	44	56	596	610	590
3 Years	22	19	32	68	622	580	579
2 Years	2	2	50	50			
1 Year	1	1	0	100			
1/2 Year or Less	3	3	33	67			
No Response	20		60	40	558	553	557
AP/Honors Courses	53	46	43	57	641	669	634
<b>Course Work or Experience</b>							
Biology	113	98	45	55	605	619	591
Chemistry	102	89	46	54	615	636	603
Physics	80	70	48	53	614	643	600
Geology, Earth, or Space Science	50	43	48	52	589	602	573
Other Sciences	69	60	41	59	607	626	603

<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	11	10	64	36	582	655	554
4 Years	47	41	38	62	601	584	583
3 Years	50	43	44	56	620	648	616
2 Years	3	3	33	67			
1 Year	1	1	100	0			
1/2 Year or Less	3	3	33	67			
No Response	19		58	42	557	549	562
AP/Honors Courses	37	32	35	65	640	656	629
<b>Course Work or Experience</b>							
U.S. History	112	97	45	55	611	620	597
World History or Cultures	91	79	47	53	615	627	598
U.S. Government or Civics	103	90	44	56	611	625	597
Economics	92	80	45	55	608	626	593
Geography	32	28	50	50	584	566	547
Psychology	47	41	36	64	633	626	614
European History	21	18	33	67	598	591	574
Sociology	17	15	53	47	605	611	579
Ancient History	11	10	45	55	552	533	510
Other Courses	16	14	19	81	558	577	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 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	7	6	29	71	596	699	604
4 Years	30	26	43	57	640	655	628
3 Years	17	15	35	65	595	630	594
2 Years	48	42	52	48	606	599	586
1 Year	6	5	33	67	577	533	545
1/2 Year or Less	7	6	29	71	530	573	511
No Response	19		58	42	542	540	544
AP/Honors Courses	4	3	75	25			
<b>Course Work or Experience</b>							
Chinese	3	3	33	67			
French	20	18	35	65	614	606	614
German	13	11	62	38	616	616	586
Greek	1	1	0	100			
Hebrew		0					
Italian		0					
Japanese		0					
Korean		0					
Latin	15	13	33	67	618	641	610
Russian		0					
Spanish	62	54	42	58	617	618	602
Other Languages	3	3	33	67			

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	22	20	45	55	642	629	632	
4 Years	37	34	41	59	593	617	593	
3 Years	13	12	31	69	604	574	577	
2 Years	16	15	56	44	603	648	584	
1 Year	10	9	20	80	608	570	582	
1/2 Year or Less	10	9	70	30	608	652	584	
No Response	26		54	46	550	568	543	
AP/Honors Courses	1	1	0	100				
<b>Course Work or Experience</b>								
Acting or Play Production	35	31	37	63	638	621	632	
Art History or Appreciation	18	16	44	56	594	573	562	
Dance	14	13	21	79	626	628	613	
Drama: Study or Appreciation	22	20	32	68	600	583	586	
Music: Study or Appreciation	21	19	62	38	625	628	606	
Music Performance	85	76	41	59	612	622	605	
Photography or Film	14	13	29	71	579	536	531	
Studio Art and Design	24	21	25	75	608	590	598	
None	12	11	75	25	581	643	556	

<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	10	71	60	40	641	644	630
Computer Programming	3	21	100	0			
Word Processing	9	64	78	22	622	620	620
Internet Activity	6	43	83	17	605	595	592
Using Computer Graphics	4	29	75	25			
Creating Spreadsheets/Databases	4	29	100	0			
None	1	7	0	100			

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
43	120	21	644	695	653

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	2	5
2	19	44
3	14	33
4 or More	8	19

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		Critical Reading Mean	Mathematics Mean	Writing Mean
<b>English</b>							
Literature	15	606		7	673	703	696
<b>History and Social Studies</b>							
U.S. History	7	589		2			
World History							
<b>Mathematics</b>							
Mathematics Level 1	14	681		5	598	668	614
Mathematics Level 2	29	702	78	14	669	715	674
<b>Science</b>							
Biology-E	8	669		4			
Biology-M	11	689		6	673	708	695
Chemistry	16	623		6	652	725	635
Physics	10	657		6	623	697	615
<b>Foreign and Classical Languages</b>							
Chinese/Listening	4			1			
French	3			1			
French/Listening							
German							
German/Listening							
Modern Hebrew							
Italian							
Japanese/Listening							
Korean/Listening							
Latin	1						
Spanish	2						
Spanish/Listening							

## 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						
700-740	2	13				
650-690	5	33	2	29		
600-640	4	27	2	29		
550-590			1	14		
500-540	1	7				
450-490	2	13	2	29		
400-440	1	7				
350-390						
300-340						
250-290						
200-240						
Total	15		7			
Mean	606		589			
SD						
75th percentile						
50th percentile						
25th percentile						

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	4	29	10	34	2	25	2	18	1	6	2	20
700-740	2	14	5	17	1	13	4	36	2	13	3	30
650-690	4	29	6	21	2	25	2	18	3	19		
600-640	2	14	4	14	1	13	3	27	3	19	2	20
550-590			4	14	2	25			3	19	2	20
500-540	2	14							4	25		
450-490											1	10
400-440												
350-390												
300-340												
250-290												
200-240												
Total	14		29		8		11		16		10	
Mean	681		702		669		689		623		657	
SD			78									
75th percentile			770									
50th percentile			690									
25th percentile			620									

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	3	75										
700-740												
650-690	1	25										
600-640												
550-590												
500-540												
450-490			2	67								
400-440			1	33								
350-390												
300-340												
250-290												
200-240												
Total	4		3									
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												

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									1	50		
700-740												
650-690												
600-640												
550-590							1	100				
500-540												
450-490												
400-440									1	50		
350-390												
300-340												
250-290												
200-240												
Total							1		2			
Mean												
SD												
75th percentile												
50th percentile												
25th percentile												



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	1	1			
Architecture and Related Services	0	0			
Area, Ethnic, Cultural and Gender Studies	0	0			
Biological and Biomedical Sciences	11	9	665	674	673
Business Management, Marketing, and Related Support Services	6	5	465	563	432
Communication, Journalism and Related Programs	2	2			
Computer and Information Sciences and Support Services	5	4	584	614	576
Construction Trades	0	0			
Education	3	3			
Engineering	20	17	608	693	601
Engineering Technologies/Technicians	0	0			
English Language and Literature/Letters	1	1			
Family and Consumer Sciences/Human Sciences	0	0			
Foreign Languages, Literatures, and Linguistics	3	3			
Health Professions and Related Clinical Services	19	16	593	612	601
History	1	1			
Legal Professions and Studies	2	2			
Liberal Arts and Sciences, General Studies, and Humanities	1	1			
Library Science And Administration	0	0			
Mathematics and Statistics	1	1			
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	0	0			
Multi/Interdisciplinary Studies	3	3			
Natural Resources and Conservation	0	0			
Parks, Recreation, Leisure and Fitness Studies	0	0			
Personal and Culinary Services	0	0			
Philosophy and Religious Studies	1	1			
Physical Sciences	8	7	633	675	636
Precision Production	0	0			
Psychology	7	6	617	543	569
Public Administration and Social Services Professions	0	0			
Security and Protective Services	1	1			
Social Sciences	4	3			
Theology and Religious Vocations	0	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	13	11	568	532	559
Other	0	0			
Undecided	6	5	648	622	615
<b>Degree-Level Goal</b>					
Certificate Program	0	0			
Associate Degree	0	0			
Bachelor's Degree	26	20	553	568	521
Master's Degree	38	30	601	616	597
Doctoral or Related Degree	48	38	642	662	638
Other	0	0			
Undecided	15	12	528	510	510

## College Plans

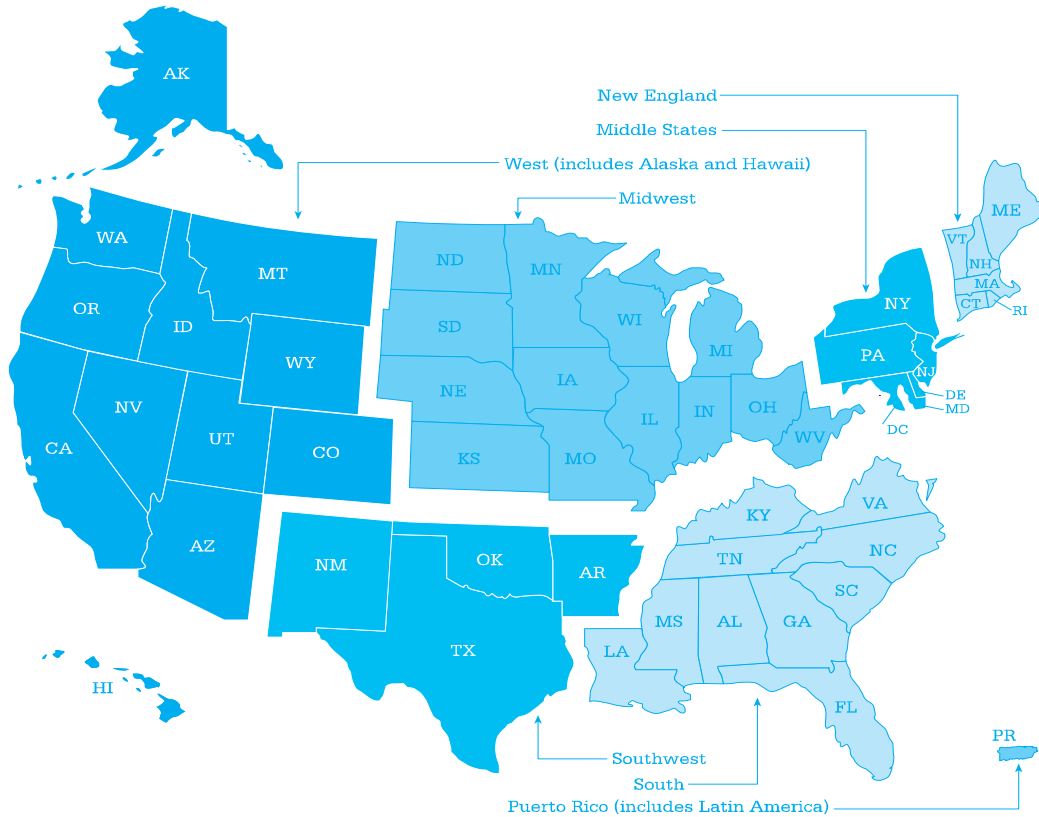
Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 156 students from your state who took the SAT and/or an SAT Subject Test, 118 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 183 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
NMSC Scholarship Admin	IL	Scholarship	37	31.4
University of North Dakota	ND	Public	30	25.4
North Dakota State University	ND	Public	25	21.2
Harvard College	MA	Private	22	18.6
University of Minnesota: Twin Cities	MN	Public	21	17.8
Stanford University	CA	Private	20	16.9
Princeton University	NJ	Private	12	10.2
Massachusetts Institute of Technology	MA	Private	11	9.3
Brown University	RI	Private	10	8.5
Yale University	CT	Private	9	7.6
Columbia University	NY	Private	8	6.8
Cornell University	NY	Private	8	6.8
Rice University	TX	Private	7	5.9
Concordia College: Moorhead	MN	Private	7	5.9
University of Pennsylvania	PA	Private	7	5.9
Dartmouth College	NH	Private	7	5.9
Vanderbilt University	TN	Private	6	5.1
Washington University in St. Louis	MO	Private	6	5.1
Duke University	NC	Private	6	5.1
Johns Hopkins University	MD	Private	6	5.1
Northwestern University	IL	Private	6	5.1
University of Michigan	MI	Public	5	4.2
University of Chicago	IL	Private	5	4.2
University of Mary	ND	Private	5	4.2
University of California: Berkeley	CA	Public	4	3.4
Rensselaer Polytechnic Institute	NY	Private	4	3.4
Carnegie Mellon University	PA	Private	4	3.4
South Dakota School of Mines and Technology	SD	Public	4	3.4
Penn State University Park	PA	Public	3	2.5
Montana State University	MT	Public	3	2.5
Georgetown University	DC	Private	3	2.5
University of Rochester	NY	Private	3	2.5
Valley City State University	ND	Public	3	2.5
North Dakota State College of Science	ND	Public	3	2.5
Baylor University	TX	Private	3	2.5
Case Western Reserve University	OH	Private	3	2.5
Union College	NE	Private	3	2.5
University of Notre Dame	IN	Private	2	1.7
George Washington University	DC	Private	2	1.7
Florida State University	FL	Public	2	1.7
University of Washington	WA	Public	2	1.7
University of Alabama	AL	Public	2	1.7
Boston College	MA	Private	2	1.7
University of California: Los Angeles	CA	Public	2	1.7
University of Denver	CO	Private	2	1.7

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

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