

# SAT<sup>®</sup>

2015 College-Bound Seniors

# State Profile Report



MINNESOTA

## Included in This Report

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**SAT<sup>®</sup> Data**

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

**Demographic and Academic Information**

**College Plans**

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**DATA EMBARGO IN EFFECT.** This report contains information on college-bound students in the class of 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).

# Table of Contents

## SAT®

SAT Data	Page 1
----------	--------

---

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity	Page 3
---	--------

---

Table 8: Total Mean Scores by Ethnicity
Table 9: Male Mean Scores by Ethnicity
Table 10: Female Mean Scores by Ethnicity

SAT: Student Background Information and Characteristics	Page 4
---	--------

---

Table 11: Student Background Information and Characteristics
--

## Academic Information

Academic Record	Page 5
-----------------	--------

---

Table 12: High School Rank
Table 13: High School Grade Point Average
Table 14: Average Years of Study in Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

---

Table 15: English and Language Arts, Mathematics
Table 16: Natural Sciences, Social Sciences and History
Table 17: Foreign and Classical Languages
Table 18: Arts and Music, Computers

## SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

---

Table 19: Number of Test-Takers and Tests for SAT Subject Tests
Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

---

Table 21: English, History and Social Studies
Table 22: Mathematics, Science
Table 23: Foreign and Classical Languages
Table 24: Foreign and Classical Languages (continued)

## College Plans

Intended College Major, Degree-Level Goal	Page 13
---	---------

---

Table 25: Intended College Major, Degree-Level Goal
---

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students
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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	
Total	3,205	595	113	607	107	576	109	58.0	11.2	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	
Male	1,461	597	117	627	109	569	112	57.7	11.5	7.5	1.5
Female	1,744	593	109	590	103	581	105	58.3	10.8	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	
Senior (2014-2015)	1,230	572	122	599	115	559	117	56.3	12.1	7.5	1.5
Junior (2013-2014)	1,889	611	104	614	102	588	102	59.3	10.5	7.7	1.4
Sophomore (2012-2013)	38	568	106	591	103	563	84	56.9	8.2	7.4	1.9
Freshman (2011-2012)	48	548	77	576	86	519	66	53.2	6.9	7.1	1.3
Total	3,205	595	113	607	107	576	109	58.0	11.2	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	
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	690	650	570	590	560
50th	600	610	580	490	510	480
25th	520	530	500	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	294	295	589	426	276	702	192	233	425
600-690	473	581	1,054	495	573	1,068	433	593	1,026
500-590	402	537	939	358	580	938	455	555	1,010
400-490	217	257	474	143	265	408	286	284	570
300-390	61	65	126	36	46	82	78	72	150
200-290	14	9	23	3	4	7	17	7	24

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,210	73	44	56	605	610	581
Religiously Affiliated	571	19	48	52	563	610	565
Independent	237	8	47	53	600	623	588
Other or Unknown	187		49	51	563	543	536

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	20	1	520		512		500	
Asian, Asian American, or Pacific Islander	552	17	565	139	654	106	575	128
Black or African American	159	5	527	97	516	99	509	101
Mexican or Mexican American	50	2	544	108	531	85	507	104
Puerto Rican	8	0	610		538		601	
Other Hispanic, Latino, or Latin American	61	2	562	109	570	106	543	112
White	2,171	68	610	102	609	101	585	100
Other	104	3	608	119	599	113	578	112
No Response	80	2	567	112	548	98	532	107
Total	3,205	100	595	113	607	107	576	109

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	6	0	473		518		507	
Asian, Asian American, or Pacific Islander	264	8	565	145	670	102	572	130
Black or African American	71	2	533	105	531	96	495	97
Mexican or Mexican American	22	1	526		540		485	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	27	1	572	109	614	98	545	102
White	985	31	615	104	629	105	579	105
Other	47	1	594	122	610	108	559	120
No Response	36	1	573	119	565	105	524	111
Total	1,461	46	597	117	627	109	569	112

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	14	0	540		509		497	
Asian, Asian American, or Pacific Islander	288	9	565	133	638	107	578	126
Black or African American	88	3	522	91	503	100	520	102
Mexican or Mexican American	28	1	559	105	524	83	525	109
Puerto Rican	5	0	656		568		658	
Other Hispanic, Latino, or Latin American	34	1	554	108	536	99	542	118
White	1,186	37	607	100	591	95	590	97
Other	57	2	619	115	591	117	593	102
No Response	44	1	562	106	534	90	537	104
Total	1,744	54	593	109	590	103	581	105

## 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	3,205	100	595	113	607	107	576	109
<b>First Language Learned</b>								
English	2,415	77	608	102	605	103	583	101
English and Another	348	11	584	118	606	123	571	121
Another Language	379	12	516	139	625	115	533	133
No Response	63		612	106	602	103	570	107
<b>Citizenship</b>								
U.S. Citizen / U.S. National	2,763	91	609	103	607	105	585	102
U.S. Permanent Resident or Refugee	77	3	585	140	618	125	569	139
Citizen of Another Country	190	6	471	120	620	119	508	132
Other, Unknown, or No Response	175		506	118	584	109	508	115
<b>Plans to Apply for Financial Aid</b>								
Yes	1,909	71	601	107	600	108	576	105
No	238	9	595	112	625	102	589	106
Don't Know	531	20	586	124	621	109	578	117
No Response	527		578	120	610	102	565	114
<b>Family Income</b>								
\$0 - \$20,000	90	4	514	108	544	108	495	105
\$20,000–\$40,000	156	8	560	111	562	108	533	111
\$40,000–\$60,000	202	10	550	114	561	102	536	102
\$60,000–\$80,000	198	10	575	109	579	98	549	98
\$80,000–\$100,000	275	14	582	112	591	105	559	105
\$100,000–\$120,000	269	13	604	106	616	105	579	103
\$120,000–\$140,000	178	9	610	104	607	110	584	99
\$140,000–\$160,000	138	7	606	101	606	102	585	98
\$160,000–\$200,000	157	8	613	110	622	105	593	106
More than \$200,000	353	18	620	106	635	97	605	103
No Response	1,189		603	114	622	106	588	110
<b>Highest Level of Parental Education</b>								
No High School Diploma	40	1	473	125	569	113	473	130
High School Diploma	295	10	526	110	540	99	503	101
Associate Degree	129	4	551	100	559	103	528	100
Bachelor's Degree	1,217	40	588	105	600	103	570	101
Graduate Degree	1,389	45	629	106	637	102	609	103
No Response	135		525	110	574	106	522	104
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,258	43	609	108	620	100	590	101
Yes, As a Sophomore or Younger	429	15	586	99	597	107	568	100
Yes, As a Junior and As a Sophomore or Younger	686	24	647	97	653	95	628	97
No	526	18	528	107	534	101	506	101
No Response	306		543	116	591	103	533	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 12: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	915	58	47	53	650	667	631
Second Tenth	338	22	44	56	573	591	556
Second Fifth	191	12	50	50	539	551	511
Final Three Fifths	128	8	48	52	512	505	477
No Response	1,633		44	56	581	592	564

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)	548	18	44	56	666	681	651
A (93–96)	1,032	34	42	58	627	647	611
A- (90–92)	607	20	42	58	575	591	557
B (80–89)	732	24	51	49	537	536	513
C (70–79)	107	4	67	33	477	486	446
D, E, or F (below 70)	2	0	50	50			
No Response	177		46	54	567	570	539
<b>Mean Grade Point Average</b>	<b>All Students: 3.72</b>		<b>Male: 3.66</b>		<b>Female: 3.77</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	2.7	3.1	2.9	3.86	3.94	3.90
English and Language Arts	4.0	4.1	4.0	3.66	3.80	3.74
Foreign and Classical Languages	3.3	3.5	3.4	3.60	3.74	3.68
Mathematics	4.1	4.1	4.1	3.59	3.55	3.57
Natural Sciences	3.9	3.8	3.9	3.65	3.62	3.63
Social Sciences and History	3.9	3.9	3.9	3.67	3.74	3.71
<b>Total for All Subjects</b>	<b>21.9</b>	<b>22.5</b>	<b>22.2</b>			

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

## Academic Information

## Course-Taking Patterns

Table 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	461	18	44	56	611	620	591
4 Years	1,811	71	45	55	609	614	587
3 Years	200	8	48	52	542	563	521
2 Years	39	2	54	46	552	583	542
1 Year	8	0	38	63	446	505	468
1/2 Year or Less	16	1	50	50	450	468	428
No Response	670		46	54	569	598	557
AP@/Honors Courses	1,536	61	43	57	639	638	615
<b>Course Work or Experience</b>							
English/Language Arts	2,258	93	45	55	604	608	582
Journalism	232	10	37	63	595	579	570
Creative Writing	663	27	37	63	584	572	562
American Literature	1,704	70	44	56	604	609	582
Composition/Writing	1,518	63	44	56	600	604	578
British Literature	526	22	42	58	619	614	600
World Literature	993	41	44	56	605	608	584
Communications	491	20	44	56	590	599	567
Public Speaking	801	33	42	58	594	596	570
English As Second Language	157	6	49	51	488	591	498

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	740	29	51	49	629	655	609
4 Years	1,468	57	44	56	602	602	580
3 Years	269	11	43	57	544	538	523
2 Years	46	2	39	61	546	600	546
1 Year	15	1	47	53	481	522	482
1/2 Year or Less	17	1	47	53	427	442	404
No Response	650		46	54	571	599	559
AP/Honors Courses	1,558	61	48	52	636	658	616
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	1,584	63	49	51	629	655	611
Pre-calculus	502	20	40	60	558	545	533
Geometry	309	12	35	65	531	491	508
Algebra II	31	1	39	61	532	532	503
Algebra I	4	0	50	50			

\*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	497	20	51	49	626	654	610	
4 Years	1,452	58	44	56	614	615	590	
3 Years	433	17	43	57	558	562	539	
2 Years	78	3	46	54	549	569	538	
1 Year	34	1	41	59	519	556	501	
1/2 Year or Less	27	1	41	59	494	502	480	
No Response	684		46	54	568	595	555	
AP/Honors Courses	1,413	56	48	52	643	656	620	
<b>Course Work or Experience</b>								
Biology	2,360	97	45	55	601	608	580	
Chemistry	2,313	95	45	55	603	611	583	
Physics	1,918	79	47	53	612	625	591	
Geology, Earth, or Space Science	1,057	43	44	56	594	593	570	
Other Sciences	944	39	41	59	600	602	575	

  

<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	403	16	50	50	618	631	598	
4 Years	1,624	64	45	55	613	614	590	
3 Years	385	15	45	55	563	584	548	
2 Years	79	3	47	53	537	582	525	
1 Year	20	1	35	65	501	556	480	
1/2 Year or Less	14	1	64	36	436	447	409	
No Response	680		45	55	568	597	556	
AP/Honors Courses	1,492	59	47	53	641	643	617	
<b>Course Work or Experience</b>								
U.S. History	2,267	94	45	55	602	610	581	
World History or Cultures	1,827	75	45	55	595	603	574	
U.S. Government or Civics	1,763	73	45	55	606	608	582	
Economics	1,539	64	46	54	604	611	581	
Geography	1,001	41	45	55	588	597	569	
Psychology	993	41	39	61	605	602	580	
European History	821	34	45	55	618	614	595	
Sociology	390	16	34	66	577	568	553	
Ancient History	495	20	44	56	598	595	576	
Other Courses	453	19	41	59	616	614	593	

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

## Academic Information

### Course-Taking Patterns

Table 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	441	17	41	59	625	636	613
4 Years	939	37	43	57	626	628	606
3 Years	534	21	47	53	594	598	569
2 Years	443	18	49	51	566	576	540
1 Year	75	3	57	43	550	570	529
1/2 Year or Less	90	4	53	47	498	555	482
No Response	683		46	54	568	598	556
AP/Honors Courses	775	31	40	60	654	655	636
<b>Course Work or Experience</b>							
Chinese	218	9	54	46	604	645	593
French	428	18	34	66	613	602	589
German	191	8	53	47	610	605	583
Greek	9	0	0	100	631	554	588
Hebrew	9	0	67	33	616	621	572
Italian	7	0	57	43	536	520	553
Japanese	47	2	45	55	616	616	591
Korean	5	0	20	80	562	576	554
Latin	173	7	43	57	631	608	602
Russian	19	1	53	47	519	575	506
Spanish	1,497	62	45	55	603	609	582
Other Languages	101	4	34	66	554	553	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.

## 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	345	14	41	59	610	621	597	
4 Years	737	31	40	60	622	620	601	
3 Years	315	13	43	57	589	594	569	
2 Years	485	20	47	53	596	607	573	
1 Year	438	18	55	45	605	620	582	
1/2 Year or Less	95	4	62	38	557	583	525	
No Response	790		46	54	563	591	549	
AP/Honors Courses	293	12	39	61	635	636	623	
<b>Course Work or Experience</b>								
Acting or Play Production	624	26	33	67	621	601	598	
Art History or Appreciation	360	15	35	65	592	575	564	
Dance	285	12	15	85	582	577	570	
Drama: Study or Appreciation	407	17	30	70	606	588	586	
Music: Study or Appreciation	412	17	42	58	616	610	596	
Music Performance	1,505	63	44	56	616	621	595	
Photography or Film	596	25	40	60	584	584	564	
Studio Art and Design	797	33	34	66	597	600	579	
None	188	8	64	36	559	591	530	

<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	290	55	50	50	639	651	617
Computer Programming	136	26	70	30	656	683	641
Word Processing	308	58	51	49	637	651	617
Internet Activity	272	51	53	47	642	656	620
Using Computer Graphics	179	34	61	39	631	657	614
Creating Spreadsheets/Databases	175	33	53	47	639	661	623
None	117	22	37	63	638	657	625

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
1,520	3,861	870	665	694	655

  

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	163	11
2	652	43
3	508	33
4 or More	197	13

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	402	662	82	231	696	74	671	78	681	76	
<b>History and Social Studies</b>											
U.S. History	556	676	83	321	692	78	688	80	670	76	
World History	122	649	87	93	683	77	682	81	659	81	
<b>Mathematics</b>											
Mathematics Level 1	325	668	79	164	636	97	666	76	629	88	
Mathematics Level 2	991	711	79	606	667	96	717	66	663	87	
<b>Science</b>											
Biology-E	195	651	86	102	656	113	672	98	644	108	
Biology-M	262	683	76	165	678	83	703	75	663	85	
Chemistry	504	672	91	309	674	97	719	73	669	88	
Physics	247	682	90	167	658	109	728	77	651	106	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	18	699		14	628		684		626		
French	54	640	114	26	654	80	655	92	658	89	
French/Listening	10	649		7	660		680		677		
German	5	618		2							
German/Listening	4			3							
Modern Hebrew											
Italian											
Japanese/Listening	3			3							
Korean/Listening	7	760		6	583		725		643		
Latin	9	599		8	709		689		674		
Spanish	123	627	94	69	691	69	696	66	680	63	
Spanish/Listening	24	638		18	671		669		667		

## 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	62	15	119	21	19	16
700-740	93	23	148	27	23	19
650-690	102	25	120	22	20	16
600-640	59	15	78	14	24	20
550-590	51	13	46	8	22	18
500-540	22	5	28	5	10	8
450-490	10	2	9	2	2	2
400-440	2	0	7	1	1	1
350-390			1	0		
300-340	1	0			1	1
250-290						
200-240						
Total	402		556		122	
Mean	662		676		649	
SD	82		83		87	
75th percentile	720		740		720	
50th percentile	670		690		650	
25th percentile	610		630		580	

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	46	14	434	44	24	12	53	20	132	26	74	30
700-740	101	31	163	16	43	22	74	28	99	20	44	18
650-690	66	20	170	17	42	22	70	27	89	18	47	19
600-640	45	14	127	13	42	22	30	11	76	15	38	15
550-590	39	12	73	7	21	11	20	8	57	11	23	9
500-540	20	6	18	2	15	8	9	3	32	6	14	6
450-490	5	2	5	1	5	3	4	2	14	3	6	2
400-440	3	1	1	0	1	1	1	0	3	1	1	0
350-390					1	1	1	0	2	0		
300-340					1	1						
250-290												
200-240												
Total	325		991		195		262		504		247	
Mean	668		711		651		683		672		682	
SD	79		79		86		76		91		90	
75th percentile	720		780		720		740		750		760	
50th percentile	680		730		650		690		680		690	
25th percentile	610		650		600		640		610		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	9	50	12	22	2	20	1	20	1	25		
700-740	2	11	9	17	1	10	1	20				
650-690	2	11	9	17	1	10			1	25		
600-640	3	17	4	7	4	40	1	20				
550-590			5	9								
500-540			6	11	1	10			2	50		
450-490	2	11	9	17	1	10	2	40				
400-440												
350-390												
300-340												
250-290												
200-240												
Total	18		54		10		5		4			
Mean	699		640		649		618					
SD			114									
75th percentile			730									
50th percentile			660									
25th percentile			530									

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	33	5	71			13	11	7	29
700-740					1	14	2	22	19	15	3	13
650-690							1	11	22	18	3	13
600-640			1	33	1	14	2	22	28	23	1	4
550-590							2	22	16	13	4	17
500-540			1	33			1	11	13	11	3	13
450-490									9	7	2	8
400-440							1	11	2	2	1	4
350-390												
300-340									1	1		
250-290												
200-240												
Total			3		7		9		123		24	
Mean					760		599		627		638	
SD									94			
75th percentile									700		750	
50th percentile									630		650	
25th percentile									560		530	



## 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	12	0	546	571	544
Architecture and Related Services	30	1	516	581	501
Area, Ethnic, Cultural and Gender Studies	8	0	668	579	626
Biological and Biomedical Sciences	278	10	626	644	606
Business Management, Marketing, and Related Support Services	296	11	556	601	551
Communication, Journalism and Related Programs	72	3	573	542	556
Computer and Information Sciences and Support Services	102	4	613	649	593
Construction Trades	0	0			
Education	65	2	553	547	552
Engineering	394	14	618	656	591
Engineering Technologies/Technicians	34	1	550	638	544
English Language and Literature/Letters	63	2	638	576	615
Family and Consumer Sciences/Human Sciences	7	0	510	531	519
Foreign Languages, Literatures, and Linguistics	44	2	624	588	611
Health Professions and Related Clinical Services	317	12	572	584	558
History	29	1	628	581	594
Legal Professions and Studies	61	2	584	572	551
Liberal Arts and Sciences, General Studies, and Humanities	36	1	654	585	602
Library Science And Administration	0	0			
Mathematics and Statistics	60	2	646	704	626
Mechanic and Repair Technologies/Technician	3	0			
Military Technologies And Applied Sciences	8	0	589	615	533
Multi/Interdisciplinary Studies	42	2	644	656	639
Natural Resources and Conservation	20	1	610	615	577
Parks, Recreation, Leisure and Fitness Studies	3	0			
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	8	0	626	644	588
Physical Sciences	85	3	665	680	633
Precision Production	0	0			
Psychology	100	4	581	548	557
Public Administration and Social Services Professions	4	0			
Security and Protective Services	17	1	579	557	540
Social Sciences	98	4	652	638	632
Theology and Religious Vocations	3	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	187	7	590	563	572
Other	17	1	573	533	526
Undecided	242	9	636	640	615
<b>Degree-Level Goal</b>					
Certificate Program	7	0	503	477	489
Associate Degree	10	0	441	433	389
Bachelor's Degree	663	24	559	563	540
Master's Degree	805	29	600	611	580
Doctoral or Related Degree	832	30	627	639	608
Other	12	0	526	555	515
Undecided	410	15	603	615	586

## College Plans

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

Of the 3,855 students from your state who took the SAT and/or an SAT Subject Test, 2,586 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 867 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Minnesota: Twin Cities	MN	Public	950	36.7
University of Wisconsin-Madison	WI	Public	360	13.9
Stanford University	CA	Private	334	12.9
Northwestern Univ - Ctr for Talent Dev Prog	IL	Scholarship	313	12.1
Harvard College	MA	Private	310	12.0
Northwestern University	IL	Private	295	11.4
NMSC Scholarship Admin	IL	Scholarship	291	11.3
Massachusetts Institute of Technology	MA	Private	268	10.4
Princeton University	NJ	Private	263	10.2
University of Chicago	IL	Private	219	8.5
University of California: Berkeley	CA	Public	218	8.4
Cornell University	NY	Private	217	8.4
Yale University	CT	Private	211	8.2
University of Pennsylvania	PA	Private	187	7.2
Washington University in St. Louis	MO	Private	180	7.0
Dartmouth College	NH	Private	175	6.8
University of Michigan	MI	Public	165	6.4
Columbia University	NY	Private	164	6.3
Carleton College	MN	Private	155	6.0
Brown University	RI	Private	153	5.9
University of California: Los Angeles	CA	Public	151	5.8
Johns Hopkins University	MD	Private	147	5.7
Duke University	NC	Private	131	5.1
Purdue University	IN	Public	128	4.9
Georgetown University	DC	Private	128	4.9
Boston University	MA	Private	124	4.8
University of Southern California	CA	Private	121	4.7
University of St. Thomas	MN	Private	114	4.4
Carnegie Mellon University	PA	Private	110	4.3
New York University	NY	Private	109	4.2
Macalester College	MN	Private	106	4.1
Boston College	MA	Private	104	4.0
University of Minnesota: Duluth	MN	Public	99	3.8
St. Olaf College	MN	Private	99	3.8
Case Western Reserve University	OH	Private	95	3.7
California Institute of Technology	CA	Private	92	3.6
University of Illinois at Urbana-Champaign	IL	Public	83	3.2
University of Notre Dame	IN	Private	82	3.2
Vanderbilt University	TN	Private	81	3.1
University of Washington	WA	Public	80	3.1
University of California: San Diego	CA	Public	77	3.0
Georgia Institute of Technology	GA	Public	77	3.0
NCAA Eligibility Center	IN	Public	76	2.9
Tufts University	MA	Private	76	2.9
Iowa State University	IA	Public	75	2.9

\*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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