

SAT

2015 College-Bound Seniors

State Profile Report



IOWA

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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.

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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.

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.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2015

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
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.

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SAT[®] 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	986	589	115	600	114	566	112	57.5	11.5	7.4	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	440	594	119	622	111	562	113	57.5	11.4	7.1	1.7
Female	546	586	112	582	114	569	112	57.5	11.5	7.5	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)	511	577	121	591	122	558	118	56.6	11.9	7.4	1.5
Junior (2013-2014)	452	605	108	611	106	576	107	58.7	11.0	7.3	1.6
Sophomore (2012-2013)	17	581		612		568		57.4		7.6	
Freshman (2011-2012)	6	508		512		475		48.2		6.7	
Total	986	589	115	600	114	566	112	57.5	11.5	7.4	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	690	650	570	590	560
50th	590	610	570	490	510	480
25th	510	520	490	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	92	88	180	128	95	223	55	68	123
600-690	140	171	311	152	166	318	127	167	294
500-590	112	176	288	99	155	254	131	166	297
400-490	72	85	157	47	99	146	88	114	202
300-390	19	18	37	13	27	40	36	24	60
200-290	5	8	13	1	4	5	3	7	10

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	740	79	44	56	604	614	578
Religiously Affiliated	153	16	44	56	547	551	533
Independent	45	5	62	38	550	598	543
Other or Unknown	48		42	58	529	530	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	3	0						
Asian, Asian American, or Pacific Islander	143	15	558	132	660	105	563	128
Black or African American	43	4	518	104	509	108	498	103
Mexican or Mexican American	19	2	550		549		518	
Puerto Rican	6	1	505		445		465	
Other Hispanic, Latino, or Latin American	29	3	517	164	492	143	502	134
White	694	70	607	103	604	106	578	105
Other	26	3	569	132	576	117	548	121
No Response	23	2	557		533		537	
Total	986	100	589	115	600	114	566	112

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	2	0						
Asian, Asian American, or Pacific Islander	73	7	566	145	684	90	570	127
Black or African American	17	2	527		539		508	
Mexican or Mexican American	8	1	555		544		529	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	12	1	588		583		579	
White	304	31	611	107	623	108	569	109
Other	15	2	535		539		505	
No Response	8	1	565		571		541	
Total	440	45	594	119	622	111	562	113

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	0						
Asian, Asian American, or Pacific Islander	70	7	549	116	635	113	554	129
Black or African American	26	3	513	107	489	110	492	114
Mexican or Mexican American	11	1	546		554		510	
Puerto Rican	5	1	500		416		474	
Other Hispanic, Latino, or Latin American	17	2	467		427		447	
White	390	40	605	101	589	103	586	101
Other	11	1	615		627		607	
No Response	15	2	553		513		535	
Total	546	55	586	112	582	114	569	112

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	986	100	589	115	600	114	566	112
First Language Learned								
English	762	79	604	104	598	108	575	106
English and Another	102	11	578	126	611	132	569	126
Another Language	105	11	499	126	610	137	511	125
No Response	17		545		568		522	
Citizenship								
U.S. Citizen / U.S. National	875	91	602	107	600	113	575	108
U.S. Permanent Resident or Refugee	29	3	557	141	608	136	544	130
Citizen of Another Country	54	6	456	95	580	122	464	112
Other, Unknown, or No Response	28		488	139	628	126	519	121
Plans to Apply for Financial Aid								
Yes	666	76	594	114	596	115	567	114
No	69	8	589	102	585	102	584	106
Don't Know	140	16	584	110	599	122	555	104
No Response	111		570	132	636	100	565	117
Family Income								
\$0 - \$20,000	33	5	519	142	552	119	506	126
\$20,000–\$40,000	64	9	527	107	523	115	500	103
\$40,000–\$60,000	72	10	547	113	547	119	511	119
\$60,000–\$80,000	100	14	576	107	580	116	560	105
\$80,000–\$100,000	79	11	589	104	604	108	565	104
\$100,000–\$120,000	100	14	617	104	623	106	591	108
\$120,000–\$140,000	54	8	600	94	598	105	569	106
\$140,000–\$160,000	46	7	582	110	615	89	568	112
\$160,000–\$200,000	48	7	627	93	620	96	601	97
More than \$200,000	96	14	622	93	632	100	595	92
No Response	294		599	124	617	114	579	114
Highest Level of Parental Education								
No High School Diploma	13	1	455		540		457	
High School Diploma	105	11	511	116	521	129	493	109
Associate Degree	60	6	546	91	545	102	519	95
Bachelor's Degree	319	33	581	108	597	106	555	106
Graduate Degree	456	48	629	102	632	104	605	104
No Response	33		505	114	558	103	502	101
Took the PSAT/NMSQT®								
Yes, As a Junior	345	37	616	104	620	104	590	109
Yes, As a Sophomore or Younger	141	15	570	103	579	112	548	102
Yes, As a Junior and As a Sophomore or Younger	230	25	648	94	645	106	618	94
No	208	23	507	103	527	107	488	99
No Response	62		543	121	612	102	544	107

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	337	63	44	56	640	654	618
Second Tenth	118	22	41	59	559	571	533
Second Fifth	44	8	52	48	563	553	525
Final Three Fifths	33	6	55	45	472	475	454
No Response	454		45	55	571	581	549

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)	195	21	40	60	653	665	634
A (93–96)	386	41	42	58	617	629	597
A- (90–92)	166	17	48	52	572	591	544
B (80–89)	184	19	49	51	510	506	478
C (70–79)	17	2	65	35	505	473	468
D, E, or F (below 70)	1	0	100	0			
No Response	37		51	49	483	519	468
Mean Grade Point Average	All Students: 3.80		Male: 3.75		Female: 3.84		

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	2.5	2.8	2.7	3.90	3.94	3.92
English and Language Arts	4.0	4.1	4.0	3.67	3.85	3.77
Foreign and Classical Languages	3.4	3.5	3.4	3.63	3.78	3.72
Mathematics	4.2	4.1	4.1	3.62	3.63	3.63
Natural Sciences	3.9	3.8	3.8	3.67	3.72	3.70
Social Sciences and History	3.7	3.7	3.7	3.79	3.80	3.79
Total for All Subjects	21.7	22.0	21.7			

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	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	189	22	41	59	614	618	590
4 Years	558	66	43	57	598	601	571
3 Years	64	8	31	69	545	543	529
2 Years	21	2	71	29	497	553	496
1 Year	3	0	100	0			
1/2 Year or Less	9	1	33	67	504	486	471
No Response	142		56	44	564	611	551
AP®/Honors Courses	447	53	40	60	637	637	612
Course Work or Experience							
English/Language Arts	778	96	42	58	594	597	568
Journalism	132	16	27	73	601	580	569
Creative Writing	219	27	37	63	585	572	554
American Literature	506	62	42	58	592	595	565
Composition/Writing	533	66	42	58	586	588	563
British Literature	181	22	43	57	625	613	597
World Literature	250	31	43	57	601	594	573
Communications	142	17	42	58	566	564	539
Public Speaking	384	47	38	63	596	595	575
English As Second Language	36	4	53	47	456	551	461

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	286	33	47	53	624	651	598
4 Years	453	53	42	58	587	580	562
3 Years	89	10	31	69	543	528	520
2 Years	15	2	73	27	488	542	493
1 Year	2	0	50	50			
1/2 Year or Less	11	1	27	73	526	490	490
No Response	130		56	44	571	620	559
AP/Honors Courses	440	51	44	56	639	662	615
Highest Level of Mathematics Achieved*							
Calculus	440	53	48	52	637	663	613
Pre-calculus	221	27	36	64	559	547	536
Geometry	152	18	38	63	516	481	482
Algebra II	5	1	20	80	588	476	606
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

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	203	24	46	54	621	646	597
4 Years	389	46	43	57	602	603	575
3 Years	202	24	35	65	564	549	541
2 Years	27	3	59	41	507	528	497
1 Year	9	1	67	33	601	636	556
1/2 Year or Less	12	1	33	67	502	518	480
No Response	144		56	44	568	615	557
AP/Honors Courses	382	45	43	57	637	654	611
Course Work or Experience							
Biology	772	94	42	58	590	593	565
Chemistry	767	93	43	57	594	600	569
Physics	600	73	47	53	605	618	580
Geology, Earth, or Space Science	355	43	37	63	597	595	569
Other Sciences	369	45	39	61	590	587	567

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	138	16	45	55	615	623	587
4 Years	404	48	43	57	602	597	575
3 Years	252	30	39	61	585	595	563
2 Years	30	4	43	57	527	550	513
1 Year	11	1	73	27	487	588	475
1/2 Year or Less	8	1	38	63	459	473	448
No Response	143		57	43	565	613	552
AP/Honors Courses	389	46	41	59	643	646	616
Course Work or Experience							
U.S. History	784	95	42	58	592	597	568
World History or Cultures	653	79	41	59	589	591	563
U.S. Government or Civics	723	88	41	59	599	600	573
Economics	501	61	42	58	597	598	572
Geography	217	26	37	63	581	573	557
Psychology	376	46	35	65	603	602	577
European History	194	24	46	54	619	618	591
Sociology	197	24	30	70	595	583	570
Ancient History	94	11	48	52	609	592	581
Other Courses	180	22	44	56	583	584	562

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	114	14	45	55	611	623	596
4 Years	401	48	40	60	627	631	602
3 Years	131	16	40	60	568	577	548
2 Years	149	18	46	54	548	532	510
1 Year	20	2	65	35	526	561	504
1/2 Year or Less	26	3	46	54	485	509	448
No Response	145		57	43	559	608	547
AP/Honors Courses	178	21	42	58	652	648	632
Course Work or Experience							
Chinese	26	3	50	50	556	623	548
French	162	20	34	66	605	594	575
German	54	7	48	52	616	622	577
Greek		0					
Hebrew	1	0	100	0			
Italian	12	1	25	75	563	563	528
Japanese	15	2	47	53	603	577	561
Korean	4	0	25	75			
Latin	19	2	53	47	607	564	592
Russian	7	1	29	71	520	554	524
Spanish	570	70	43	57	592	596	570
Other Languages	27	3	44	56	551	582	530

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

Arts and Music*	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	104	14	39	61	630	631	609	
4 Years	232	31	39	61	630	616	603	
3 Years	85	11	40	60	593	618	573	
2 Years	110	14	40	60	567	579	545	
1 Year	104	14	43	57	575	587	547	
1/2 Year or Less	125	16	54	46	574	585	545	
No Response	226		52	48	553	585	537	
AP/Honors Courses	55	7	35	65	652	634	621	
Course Work or Experience								
Acting or Play Production	266	34	35	65	612	592	586	
Art History or Appreciation	112	14	33	67	584	570	553	
Dance	102	13	11	89	575	568	562	
Drama: Study or Appreciation	150	19	34	66	592	579	566	
Music: Study or Appreciation	148	19	44	56	604	601	582	
Music Performance	467	59	41	59	613	613	588	
Photography or Film	171	22	35	65	588	581	567	
Studio Art and Design	204	26	26	74	604	592	578	
None	105	13	57	43	548	577	529	

Computers†	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	92	67	43	57	610	643	600
Computer Programming	40	29	73	28	636	685	621
Word Processing	86	63	42	58	611	642	602
Internet Activity	71	52	44	56	605	634	598
Using Computer Graphics	46	34	48	52	603	640	582
Creating Spreadsheets/Databases	57	42	53	47	617	659	601
None	15	11	53	47	593	650	583

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
302	750	188	663	692	644

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	24	8
2	153	51
3	96	32
4 or More	29	10

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	
English											
Literature	83	661	89	59	680	88	657	101	662	103	
History and Social Studies											
U.S. History	59	651	91	34	659	93	681	98	645	94	
World History	17	638		14	691		686		671		
Mathematics											
Mathematics Level 1	80	676	86	55	660	93	678	88	637	88	
Mathematics Level 2	204	703	84	123	668	90	720	62	648	88	
Science											
Biology-E	38	666	91	25	670	96	690	85	654	95	
Biology-M	58	694	81	36	662	95	707	79	642	97	
Chemistry	89	674	84	54	675	75	719	63	665	80	
Physics	81	687	99	61	670	90	726	62	645	84	
Foreign and Classical Languages											
Chinese/Listening	2			1							
French	9	629		8	719		715		715		
French/Listening	2			2							
German											
German/Listening											
Modern Hebrew	1			1							
Italian											
Japanese/Listening	3			3							
Korean/Listening	3			2							
Latin	1										
Spanish	19	624		13	653		635		654		
Spanish/Listening	1			1							

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	12	14	9	15	2	12
700-740	20	24	12	20	2	12
650-690	23	28	15	25	6	35
600-640	13	16	9	15	3	18
550-590	9	11	7	12	2	12
500-540			3	5		
450-490	3	4	2	3	1	6
400-440	2	2	2	3	1	6
350-390	1	1				
300-340						
250-290						
200-240						
Total	83		59		17	
Mean	661		651		638	
SD	89		91			
75th percentile	720		710			
50th percentile	670		670			
25th percentile	610		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	15	19	78	38	5	13	20	34	23	26	30	37
700-740	26	33	32	16	11	29	9	16	18	20	8	10
650-690	14	18	41	20	12	32	16	28	16	18	13	16
600-640	12	15	35	17	4	11	6	10	17	19	16	20
550-590	5	6	10	5	2	5	3	5	7	8	7	9
500-540	4	5	1	0	2	5	3	5	5	6	3	4
450-490	3	4	6	3			1	2	3	3	4	5
400-440	1	1	1	0	2	5						
350-390												
300-340												
250-290												
200-240												
Total	80		204		38		58		89		81	
Mean	676		703		666		694		674		687	
SD	86		84		91		81		84		99	
75th percentile	730		780		730		760		740		780	
50th percentile	700		710		680		690		680		680	
25th percentile	630		640		640		650		620		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	1	50	2	22								
700-740												
650-690			2	22	1	50						
600-640			2	22								
550-590	1	50	1	11								
500-540			1	11	1	50						
450-490												
400-440			1	11								
350-390												
300-340											1	100
250-290												
200-240												
Total	2		9		2						1	
Mean			629									
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			2	67	3	100			3	16		
700-740									1	5		
650-690			1	33					4	21		
600-640							1	100	3	16		
550-590									4	21		
500-540									3	16	1	100
450-490												
400-440									1	5		
350-390												
300-340												
250-290												
200-240												
Total			3		3		1		19		1	
Mean									624			
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	8	1	485	521	463
Architecture and Related Services	10	1	544	633	539
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	83	9	603	617	586
Business Management, Marketing, and Related Support Services	68	8	533	579	529
Communication, Journalism and Related Programs	24	3	596	532	562
Computer and Information Sciences and Support Services	47	5	618	645	580
Construction Trades	2	0			
Education	31	4	548	517	531
Engineering	116	13	619	657	580
Engineering Technologies/Technicians	12	1	580	630	553
English Language and Literature/Letters	24	3	672	585	630
Family and Consumer Sciences/Human Sciences	0	0			
Foreign Languages, Literatures, and Linguistics	8	1	626	626	609
Health Professions and Related Clinical Services	121	14	576	596	566
History	13	1	652	607	622
Legal Professions and Studies	12	1	599	569	560
Liberal Arts and Sciences, General Studies, and Humanities	12	1	598	561	558
Library Science And Administration	0	0			
Mathematics and Statistics	7	1	700	700	664
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	3	0			
Multi/Interdisciplinary Studies	13	1	616	608	573
Natural Resources and Conservation	4	0			
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services	0	0			
Philosophy and Religious Studies	3	0			
Physical Sciences	31	4	664	678	603
Precision Production	0	0			
Psychology	39	4	597	596	571
Public Administration and Social Services Professions	5	1	582	496	536
Security and Protective Services	8	1	555	510	543
Social Sciences	25	3	594	587	566
Theology and Religious Vocations	1	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	60	7	603	581	579
Other	10	1	523	530	519
Undecided	70	8	617	632	597
Degree-Level Goal					
Certificate Program	1	0			
Associate Degree	5	1	470	418	454
Bachelor's Degree	223	25	565	554	538
Master's Degree	239	27	584	595	562
Doctoral or Related Degree	303	34	623	632	600
Other	3	0			
Undecided	119	13	579	590	547

College Plans

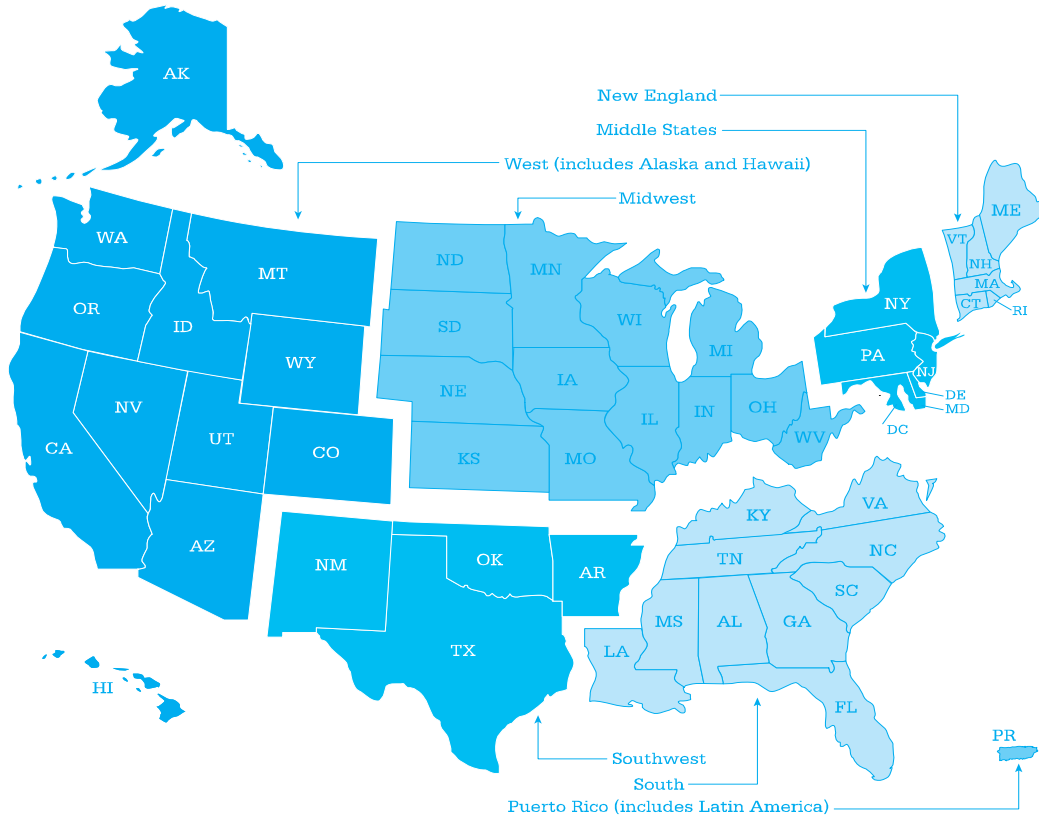
Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 1,100 students from your state who took the SAT and/or an SAT Subject Test, 774 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 555 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Iowa	IA	Public	164	21.2
Iowa State University	IA	Public	162	20.9
NMSC Scholarship Admin	IL	Scholarship	161	20.8
Stanford University	CA	Private	106	13.7
Northwestern University	IL	Private	92	11.9
Harvard College	MA	Private	80	10.3
Massachusetts Institute of Technology	MA	Private	72	9.3
Princeton University	NJ	Private	71	9.2
University of Minnesota: Twin Cities	MN	Public	64	8.3
Washington University in St. Louis	MO	Private	61	7.9
University of Chicago	IL	Private	58	7.5
Yale University	CT	Private	52	6.7
University of California: Berkeley	CA	Public	51	6.6
Brown University	RI	Private	44	5.7
University of Pennsylvania	PA	Private	44	5.7
Cornell University	NY	Private	43	5.6
Dartmouth College	NH	Private	43	5.6
University of Michigan	MI	Public	42	5.4
Grinnell College	IA	Private	41	5.3
Purdue University	IN	Public	40	5.2
University of Wisconsin-Madison	WI	Public	37	4.8
University of Northern Iowa	IA	Public	36	4.7
University of Southern California	CA	Private	35	4.5
Columbia University	NY	Private	35	4.5
Johns Hopkins University	MD	Private	34	4.4
University of Illinois at Urbana-Champaign	IL	Public	32	4.1
New York University	NY	Private	31	4.0
Duke University	NC	Private	31	4.0
NCAA Eligibility Center	IN	Public	29	3.7
Georgetown University	DC	Private	29	3.7
Boston University	MA	Private	29	3.7
Drake University	IA	Private	28	3.6
Carnegie Mellon University	PA	Private	27	3.5
University of California: Los Angeles	CA	Public	27	3.5
University of North Carolina at Chapel Hill	NC	Public	26	3.4
University of Notre Dame	IN	Private	26	3.4
Vanderbilt University	TN	Private	26	3.4
University of Texas at Austin	TX	Public	25	3.2
California Institute of Technology	CA	Private	25	3.2
Rice University	TX	Private	25	3.2
Educational Talent Search	IA	Scholarship	24	3.1
Case Western Reserve University	OH	Private	24	3.1
Belin-Blank Exceptional Student Talent Search	IA	Other	24	3.1
Georgia Institute of Technology	GA	Public	23	3.0
Creighton University	NE	Private	21	2.7

*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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