

SAT[®]

2015 College-Bound Seniors

State Profile Report



MONTANA

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.

© 2015 The College Board. College Board, achieve more, Advanced Placement Program, AP, SAT and the acorn logo are registered trademarks of the College Board. SAT Subject Tests is a trademark owned by the College Board. PSAT/NMSQT is a registered trademark of the College Board and National Merit Scholarship Corporation. Visit the College Board on the Web: www.collegeboard.org.

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.

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
---	---------

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

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	1,362	561	96	556	98	538	95	54.2	9.9	7.5	1.4

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	591	565	97	575	105	535	98	54.1	10.0	7.3	1.5
Female	771	558	94	542	90	541	93	54.2	9.8	7.6	1.2

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)	881	553	95	547	99	529	95	53.3	9.9	7.4	1.4
Junior (2013-2014)	474	575	96	574	93	556	93	55.8	9.7	7.6	1.2
Sophomore (2012-2013)	7	579		539		514		52.4		6.7	
Freshman (2011-2012)	0										
Total	1,362	561	96	556	98	538	95	54.2	9.9	7.5	1.4

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	630	620	600	570	590	560
50th	560	560	540	490	510	480
25th	490	490	470	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	45	59	104	66	30	96	28	42	70
600-690	187	204	391	198	192	390	144	171	315
500-590	214	308	522	191	319	510	206	305	511
400-490	118	169	287	109	189	298	170	214	384
300-390	27	30	57	24	38	62	38	39	77
200-290		1	1	3	3	6	5		5

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,054	82	41	59	557	557	535
Religiously Affiliated	104	8	48	52	554	556	533
Independent	127	10	55	45	588	570	574
Other or Unknown	77		44	56	576	526	541

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	18	1	543		549		510	
Asian, Asian American, or Pacific Islander	51	4	555	111	593	106	540	103
Black or African American	14	1	494		471		489	
Mexican or Mexican American	17	1	506		519		478	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	16	1	548		537		523	
White	1,148	84	562	96	556	97	538	95
Other	14	1	600		584		564	
No Response	83	6	579	79	564	97	562	84
Total	1,362	100	561	96	556	98	538	95

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	7	1	553		603		511	
Asian, Asian American, or Pacific Islander	20	1	530		587		509	
Black or African American	4	0						
Mexican or Mexican American	9	1	494		488		446	
Puerto Rican	0	0						
Other Hispanic, Latino, or Latin American	5	0	492		480		468	
White	488	36	568	96	578	102	536	97
Other	6	0	595		567		553	
No Response	52	4	583	79	571	107	560	84
Total	591	43	565	97	575	105	535	98

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	11	1	537		515		509	
Asian, Asian American, or Pacific Islander	31	2	570	93	596	89	561	87
Black or African American	10	1	492		456		496	
Mexican or Mexican American	8	1	519		555		515	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	11	1	574		563		548	
White	660	48	557	95	540	90	540	94
Other	8	1	604		596		573	
No Response	31	2	572	77	553	77	567	84
Total	771	57	558	94	542	90	541	93

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	1,362	100	561	96	556	98	538	95
First Language Learned								
English	1,211	95	561	94	555	97	537	94
English and Another	48	4	540	120	545	109	522	108
Another Language	22	2	515		578		530	
No Response	81		590	86	573	96	577	88
Citizenship								
U.S. Citizen / U.S. National	1,281	99	561	95	555	98	538	94
U.S. Permanent Resident or Refugee	7	1	487		563		460	
Citizen of Another Country	10	1	489		611		541	
Other, Unknown, or No Response	64		575	93	567	103	556	102
Plans to Apply for Financial Aid								
Yes	896	76	562	94	557	97	537	95
No	79	7	533	103	545	115	528	102
Don't Know	209	18	554	97	553	95	533	92
No Response	178		579	93	564	101	556	94
Family Income								
\$0 - \$20,000	50	5	521	88	521	101	504	98
\$20,000–\$40,000	102	11	553	90	545	88	531	92
\$40,000–\$60,000	157	16	555	96	545	90	528	93
\$60,000–\$80,000	165	17	568	92	559	91	532	91
\$80,000–\$100,000	138	14	556	104	548	106	530	104
\$100,000–\$120,000	134	14	552	86	553	94	536	90
\$120,000–\$140,000	63	7	570	105	573	100	553	103
\$140,000–\$160,000	43	4	563	99	579	89	539	92
\$160,000–\$200,000	41	4	573	96	557	103	528	90
More than \$200,000	66	7	563	90	581	103	546	84
No Response	403		569	96	561	102	552	96
Highest Level of Parental Education								
No High School Diploma	6	0	470		533		428	
High School Diploma	250	20	518	83	520	86	497	87
Associate Degree	104	8	531	95	538	96	512	87
Bachelor's Degree	513	41	559	87	551	96	535	88
Graduate Degree	391	31	597	99	590	99	574	97
No Response	98		574	95	563	96	554	96
Took the PSAT/NMSQT®								
Yes, As a Junior	499	41	563	97	558	96	537	95
Yes, As a Sophomore or Younger	215	17	554	90	555	94	530	86
Yes, As a Junior and As a Sophomore or Younger	285	23	592	84	589	89	573	85
No	232	19	517	93	507	97	495	93
No Response	131		576	96	566	98	559	101

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	408	47	38	62	605	615	587
Second Tenth	232	27	43	57	546	550	521
Second Fifth	135	16	52	48	535	536	512
Final Three Fifths	86	10	55	45	488	485	463
No Response	501		44	56	551	529	527

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)	135	11	35	65	623	625	606
A (93–96)	422	34	38	62	586	592	568
A- (90–92)	292	23	39	61	558	551	533
B (80–89)	362	29	48	52	515	502	488
C (70–79)	43	3	63	37	511	495	465
D, E, or F (below 70)	1	0	100	0			
No Response	107		63	37	572	553	554
Mean Grade Point Average	All Students: 3.64		Male: 3.55		Female: 3.69		

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	3.89	3.95	3.93
English and Language Arts	4.0	4.0	4.0	3.61	3.75	3.69
Foreign and Classical Languages	2.4	2.6	2.5	3.58	3.73	3.67
Mathematics	3.9	3.9	3.9	3.39	3.42	3.40
Natural Sciences	3.7	3.6	3.6	3.54	3.60	3.58
Social Sciences and History	3.5	3.4	3.5	3.66	3.72	3.70
Total for All Subjects	20.0	20.3	20.2			

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	123	11	44	56	583	578	566
4 Years	918	81	42	58	561	559	540
3 Years	72	6	40	60	512	503	488
2 Years	8	1	25	75	589	526	539
1 Year	4	0	50	50			
1/2 Year or Less	10	1	60	40	506	500	446
No Response	227		51	49	568	554	540
AP@/Honors Courses	616	54	40	60	593	588	575
Course Work or Experience							
English/Language Arts	1,077	97	42	58	558	557	537
Journalism	122	11	35	65	560	551	541
Creative Writing	303	27	39	61	555	536	536
American Literature	590	53	45	55	560	552	536
Composition/Writing	575	52	44	56	551	547	530
British Literature	198	18	43	57	586	560	553
World Literature	356	32	43	57	559	554	537
Communications	132	12	50	50	549	549	523
Public Speaking	272	24	43	57	557	549	531
English As Second Language	19	2	47	53	477	570	492

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	178	16	54	46	584	606	567
4 Years	737	64	39	61	564	563	543
3 Years	188	16	38	62	530	497	503
2 Years	24	2	46	54	512	490	493
1 Year	5	0	60	40	554	506	490
1/2 Year or Less	11	1	45	55	489	475	434
No Response	219		53	47	568	556	542
AP/Honors Courses	557	49	43	57	592	605	575
Highest Level of Mathematics Achieved*							
Calculus	480	43	47	53	595	619	578
Pre-calculus	306	27	36	64	545	535	522
Geometry	308	27	40	60	522	488	496
Algebra II	6	1	50	50	477	547	480
Algebra I	7	1	29	71	447	397	403

*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	144	13	48	52	586	603	567	
4 Years	547	48	44	56	571	573	552	
3 Years	328	29	37	63	542	528	516	
2 Years	74	7	31	69	534	504	509	
1 Year	20	2	50	50	520	493	496	
1/2 Year or Less	15	1	47	53	489	505	443	
No Response	234		51	49	566	553	539	
AP/Honors Courses	370	33	41	59	608	609	585	
Course Work or Experience								
Biology	1,086	97	42	58	559	557	538	
Chemistry	930	83	43	57	565	567	544	
Physics	524	47	53	47	578	590	554	
Geology, Earth, or Space Science	722	64	44	56	556	555	534	
Other Sciences	509	45	40	60	546	543	525	

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	81	7	43	57	601	578	583	
4 Years	480	43	45	55	563	553	539	
3 Years	472	42	39	61	559	567	538	
2 Years	73	6	29	71	526	509	507	
1 Year	11	1	64	36	515	557	488	
1/2 Year or Less	11	1	45	55	494	476	449	
No Response	234		52	48	565	552	539	
AP/Honors Courses	434	38	39	61	603	595	583	
Course Work or Experience								
U.S. History	1,068	95	42	58	559	557	537	
World History or Cultures	869	78	42	58	558	556	535	
U.S. Government or Civics	1,014	91	42	58	561	560	540	
Economics	234	21	50	50	559	548	536	
Geography	320	29	43	57	557	545	532	
Psychology	321	29	31	69	568	560	548	
European History	243	22	47	53	579	564	558	
Sociology	109	10	31	69	551	549	537	
Ancient History	165	15	52	48	559	548	540	
Other Courses	241	22	39	61	548	543	531	

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	45	4	31	69	603	588	599
4 Years	239	21	37	63	600	593	584
3 Years	213	19	39	61	574	574	560
2 Years	478	42	44	56	546	545	521
1 Year	79	7	43	57	524	510	490
1/2 Year or Less	75	7	49	51	492	497	454
No Response	233		52	48	566	554	540
AP/Honors Courses	160	14	32	68	608	598	593
Course Work or Experience							
Chinese	13	1	38	62	583	605	562
French	202	18	27	73	575	556	550
German	93	8	44	56	584	577	550
Greek	7	1	14	86	519	534	459
Hebrew	3	0	33	67			
Italian	10	1	20	80	561	553	527
Japanese	7	1	43	57	584	636	576
Korean	3	0	67	33			
Latin	68	6	41	59	597	585	560
Russian	5	0	40	60	496	582	488
Spanish	754	68	43	57	554	555	537
Other Languages	22	2	50	50	604	576	576

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
More Than 4 Years	102	10	36	64	575	566	557
4 Years	276	26	39	61	570	570	558
3 Years	159	15	30	70	565	553	543
2 Years	232	22	47	53	547	553	527
1 Year	243	23	45	55	559	564	530
1/2 Year or Less	42	4	52	48	553	524	516
No Response	308		51	49	559	544	531
AP/Honors Courses	73	7	32	68	576	570	568
Course Work or Experience							
Acting or Play Production	276	26	36	64	577	563	555
Art History or Appreciation	183	17	43	57	550	543	527
Dance	96	9	10	90	561	536	548
Drama: Study or Appreciation	186	17	32	68	563	538	540
Music: Study or Appreciation	153	14	42	58	580	563	557
Music Performance	651	61	39	61	572	570	552
Photography or Film	216	20	35	65	549	537	526
Studio Art and Design	328	31	38	63	560	549	535
None	74	7	61	39	515	510	495
Computers†							
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	87	76	44	56	584	591	560
Computer Programming	23	20	70	30	617	616	567
Word Processing	87	76	45	55	587	594	561
Internet Activity	67	58	49	51	597	597	567
Using Computer Graphics	52	45	50	50	586	595	553
Creating Spreadsheets/Databases	46	40	50	50	593	599	556
None	9	8	44	56	611	647	613

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
155	361	109	665	665	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	15	10
2	85	55
3	47	30
4 or More	8	5

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	60	649	98	42	677	76	649	65	665	63	
History and Social Studies											
U.S. History	55	654	88	38	688	76	657	70	655	61	
World History	7	629		7	689		643		636		
Mathematics											
Mathematics Level 1	49	612	86	32	644	82	634	84	614	78	
Mathematics Level 2	81	669	82	60	661	66	694	73	644	65	
Science											
Biology-E	24	623		16	654		654		635		
Biology-M	22	664		16	628		658		619		
Chemistry	30	635	93	20	678		699		654		
Physics	24	656		16	664		696		641		
Foreign and Classical Languages											
Chinese/Listening											
French	1										
French/Listening											
German											
German/Listening	1			1							
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening											
Latin	1			1							
Spanish	6	583		5	664		634		650		
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	9	15	9	16		
700-740	14	23	13	24		
650-690	14	23	10	18	3	43
600-640	10	17	10	18	2	29
550-590	3	5	6	11	2	29
500-540	4	7	4	7		
450-490	4	7	2	4		
400-440	1	2				
350-390	1	2	1	2		
300-340						
250-290						
200-240						
Total	60		55		7	
Mean	649		654		629	
SD	98		88			
75th percentile	720		720			
50th percentile	660		670			
25th percentile	600		590			

Table 22: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	3	6	17	21	2	8	3	14	4	13	4	17
700-740	9	18	12	15	2	8	8	36	6	20	4	17
650-690	7	14	21	26	8	33	2	9	4	13	5	21
600-640	7	14	18	22	3	13	3	14	6	20	6	25
550-590	13	27	7	9	5	21	3	14	5	17	2	8
500-540	5	10	3	4	3	13	2	9	3	10	3	13
450-490	4	8	3	4			1	5	1	3		
400-440	1	2			1	4			1	3		
350-390												
300-340												
250-290												
200-240												
Total	49		81		24		22		30		24	
Mean	612		669		623		664		635		656	
SD	86		82						93			
75th percentile	680		730		670		720		720		710	
50th percentile	610		670		620		690		630		650	
25th percentile	550		620		560		580		570		610	

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												
700-740												
650-690												
600-640												
550-590												
500-540			1	100								
450-490									1	100		
400-440												
350-390												
300-340												
250-290												
200-240												
Total			1						1			
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												
700-740									1	17		
650-690									1	17		
600-640							1	100	2	33		
550-590									1	17		
500-540												
450-490												
400-440												
350-390												
300-340									1	17		
250-290												
200-240												
Total							1		6			
Mean									583			
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	16	1	546	546	511
Architecture and Related Services	11	1	518	542	506
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	90	8	591	593	564
Business Management, Marketing, and Related Support Services	103	9	542	547	519
Communication, Journalism and Related Programs	23	2	575	517	551
Computer and Information Sciences and Support Services	31	3	600	599	543
Construction Trades	2	0			
Education	56	5	522	512	517
Engineering	143	12	573	621	546
Engineering Technologies/Technicians	12	1	564	568	546
English Language and Literature/Letters	19	2	651	572	605
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	9	1	610	548	607
Health Professions and Related Clinical Services	234	20	535	539	521
History	16	1	596	536	561
Legal Professions and Studies	29	2	583	581	571
Liberal Arts and Sciences, General Studies, and Humanities	12	1	608	558	592
Library Science And Administration	0	0			
Mathematics and Statistics	10	1	560	667	544
Mechanic and Repair Technologies/Technician	3	0			
Military Technologies And Applied Sciences	8	1	510	499	461
Multi/Interdisciplinary Studies	9	1	551	539	530
Natural Resources and Conservation	9	1	594	593	572
Parks, Recreation, Leisure and Fitness Studies	8	1	493	469	448
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	4	0			
Physical Sciences	27	2	586	595	546
Precision Production	0	0			
Psychology	49	4	540	521	527
Public Administration and Social Services Professions	5	0	520	526	546
Security and Protective Services	21	2	514	495	462
Social Sciences	30	3	630	593	597
Theology and Religious Vocations	3	0			
Transportation and Materials Moving	2	0			
Visual and Performing Arts	83	7	570	529	547
Other	11	1	515	519	494
Undecided	99	8	596	578	565
Degree-Level Goal					
Certificate Program	4	0			
Associate Degree	12	1	476	470	469
Bachelor's Degree	411	34	532	528	510
Master's Degree	326	27	570	571	549
Doctoral or Related Degree	269	22	591	590	570
Other	4	0			
Undecided	177	15	561	546	533

College Plans

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

Of the 1,408 students from your state who took the SAT and/or an SAT Subject Test, 962 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 621 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
Montana State University	MT	Public	513	53.3
University of Montana	MT	Public	286	29.7
Carroll College	MT	Private	121	12.6
Stanford University	CA	Private	70	7.3
University of Washington	WA	Public	64	6.7
Montana Tech of the University of Montana	MT	Public	61	6.3
NMSC Scholarship Admin	IL	Scholarship	46	4.8
Harvard College	MA	Private	45	4.7
Washington State University	WA	Public	43	4.5
Montana Agate	MT	Scholarship	42	4.4
Gonzaga University	WA	Private	42	4.4
NCAA Eligibility Center	IN	Public	40	4.2
University of Oregon	OR	Public	37	3.8
University of Portland	OR	Private	36	3.7
Montana State University: Billings	MT	Public	35	3.6
Massachusetts Institute of Technology	MA	Private	34	3.5
University of Colorado Boulder	CO	Public	34	3.5
Princeton University	NJ	Private	33	3.4
Colorado State University	CO	Public	33	3.4
Boise State University	ID	Public	32	3.3
Lewis & Clark College	OR	Private	31	3.2
University of Puget Sound	WA	Private	31	3.2
University of California: Berkeley	CA	Public	31	3.2
University of Denver	CO	Private	31	3.2
Western Washington University	WA	Public	30	3.1
Arizona State University	AZ	Public	29	3.0
University of Montana: Western	MT	Public	28	2.9
Dartmouth College	NH	Private	28	2.9
Cornell University	NY	Private	27	2.8
Seattle University	WA	Private	27	2.8
Rocky Mountain College	MT	Private	25	2.6
University of Utah	UT	Public	24	2.5
Brown University	RI	Private	24	2.5
Whitworth University	WA	Private	24	2.5
Yale University	CT	Private	23	2.4
Oregon State University	OR	Public	23	2.4
Whitman College	WA	Private	22	2.3
Northwestern University	IL	Private	22	2.3
University of Southern California	CA	Private	21	2.2
Pacific Lutheran University	WA	Private	20	2.1
Seattle Pacific University	WA	Private	20	2.1
Columbia University	NY	Private	19	2.0
Flathead Valley Community College	MT	Public	19	2.0
United States Air Force Academy	CO	Public	19	2.0
Boston University	MA	Private	18	1.9

*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.

Areas Served by College Board Regional Offices



The College Board National Office

250 Vesey Street
New York, NY 10281
212-713-8000
212-713-8255 (Fax)

Middle States Regional Office

Three Bala Plaza East, Suite 501
Bala Cynwyd, PA 19004-1501
866-392-3019
610-227-2580 (Fax)

Midwestern Regional Office

8700 West Bryn Mawr Avenue, Suite 900N
Chicago, IL 60631-3512
866-392-4086
847-653-4528 (Fax)

New England Regional Office

1601 Trapelo Road, Suite 12
Waltham, MA 02451-7333
866-392-4089
781-663-2743 (Fax)

Southern Regional Office

3700 Crestwood Parkway NW, Suite 700
Duluth, GA 30096-7155
866-392-4088
770-225-4062 (Fax)

Southwestern Regional Office

4330 Gaines Ranch Loop, Suite 200
Austin, TX 78735-6735
866-392-3017
512-721-1841 (Fax)

Western Regional Office

2001 Gateway Place, Suite 220W
San Jose, CA 95110-1051
866-392-4078
408-367-1459 (Fax)

Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501
San Juan, PR 00918-1017
Mailing address:
P.O. Box 71101
San Juan, PR 00936-8001
787-772-1200
787-759-8629 (Fax - Reception area)
787-764-4306 (Fax - Director's office)

The College Board International

250 Vesey Street
New York, NY 10281
212-373-8738
646-417-7350 (Fax)

Washington Office

1919 M Street NW, Suite 300
Washington, DC 20036-2375
202-741-4700
202-741-4743 (Fax)

Florida Office

1545 Raymond Diehl Road, Suite 250
Tallahassee, FL 32308-1500
850-521-4900
850-521-4921 (Fax)