



2013 College-Bound Seniors

Total Group Profile Report



TOTAL GROUP

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 2013 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 the College Board's press conference in mid-September.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College-Board national press conference, 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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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 the 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, 1972–2013

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

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 2000–2013, 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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Table 25: Intended College Major, Degree-Level Goal

SAT® Data

Data in this report are for high school graduates in the year 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	1.6

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	776,092	499	117	531	121	482	115	48.7	11.6	6.9	1.7
Female	883,955	494	112	499	114	493	112	49.2	11.4	7.3	1.5

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 (2012-2013)	1,107,686	487	110	506	115	479	109	48.0	11.0	7.0	1.6
Junior (2011-2012)	547,038	515	121	530	123	507	121	50.9	12.1	7.3	1.6
Sophomore (2010-2011)	4,600	525	138	556	132	514	134	52.1	13.4	7.1	1.8
Freshman (2009-2010)	723	485	110	531	114	475	103	48.4	10.5	6.8	1.7
Total	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2013 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 4: Percentiles for 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 Total Group			
Percentile	Critical Reading	Mathematics	Writing
75th	570	600	560
50th	490	510	480
25th	420	430	410

Table 5: Score Distributions

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit www.collegeboard.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	40,151	38,898	79,049	74,461	46,040	120,501	31,574	39,101	70,675
600–690	121,950	126,084	248,034	162,564	133,954	296,518	100,963	125,368	226,331
500–590	227,141	259,553	486,694	233,141	257,678	490,819	202,326	247,239	449,565
400–490	242,554	296,793	539,347	204,670	288,696	493,366	262,623	302,933	565,556
300–390	113,568	133,473	247,041	82,468	131,025	213,493	146,106	144,381	290,487
200–290	30,728	29,154	59,882	18,788	26,562	45,350	32,500	24,933	57,433

Table 6: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,295,267	84	46	54	491	503	480
Religiously Affiliated	145,802	9	51	49	531	536	528
Independent	99,327	6	52	48	536	581	545
Other or Unknown	119,651		51	49	474	549	480

Table 7: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	85,761	5	475	113	477	114	458	109
Nonstandard Conditions	38,184	2	478	126	484	133	472	125

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	9,818	1	480	107	486	106	461	102
Asian, Asian American, or Pacific Islander	196,030	12	521	126	597	125	527	129
Black or African American	210,151	13	431	99	429	99	418	95
Mexican or Mexican American	114,506	7	449	98	464	98	442	92
Puerto Rican	27,871	2	456	104	453	104	445	101
Other Hispanic, Latino, or Latin American	141,884	9	450	106	461	106	443	102
White	834,933	50	527	103	534	104	515	104
Other	62,251	4	492	123	519	121	490	120
No Response	62,603	4	448	134	508	131	453	127
Total	1,660,047	100	496	115	514	118	488	114

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	4,508	0	482	111	502	112	456	105
Asian, Asian American, or Pacific Islander	95,696	6	522	128	611	123	522	130
Black or African American	94,783	6	427	100	436	103	408	95
Mexican or Mexican American	51,170	3	453	101	481	101	438	94
Puerto Rican	12,713	1	458	107	468	109	440	103
Other Hispanic, Latino, or Latin American	61,074	4	456	109	480	110	440	103
White	394,854	24	530	105	552	106	508	105
Other	28,063	2	491	127	539	124	483	122
No Response	33,231	2	440	136	517	131	439	128
Total	776,092	47	499	117	531	121	482	115

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	5,310	0	480	103	472	100	466	99
Asian, Asian American, or Pacific Islander	100,334	6	520	125	584	125	532	127
Black or African American	115,368	7	433	98	423	95	426	94
Mexican or Mexican American	63,336	4	446	95	450	92	445	90
Puerto Rican	15,158	1	454	101	441	98	449	98
Other Hispanic, Latino, or Latin American	80,810	5	446	104	446	100	445	101
White	440,079	27	525	102	519	99	521	102
Other	34,188	2	493	119	503	117	496	117
No Response	29,372	2	457	130	498	129	469	124
Total	883,955	53	494	112	499	114	493	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	1,660,047	100	496	115	514	118	488	114
First Language Learned								
English	1,121,448	71	508	109	512	111	495	108
English and Another	263,211	17	479	119	509	128	478	118
Another Language	200,516	13	462	121	526	137	468	123
No Response	74,872		479	140	525	134	480	136
Citizenship								
U.S. Citizen / U.S. National	1,380,155	90	503	110	510	113	491	110
U.S. Permanent Resident or Refugee	48,455	3	458	126	502	133	457	127
Citizen of Another Country	99,738	7	489	123	585	128	503	122
Other, Unknown, or No Response	131,699		451	132	508	139	455	131
Plans to Apply for Financial Aid								
Yes	1,031,958	75	496	109	508	113	486	107
No	89,859	7	524	114	552	117	521	115
Don't Know	250,021	18	509	115	534	119	502	115
No Response	288,209		477	130	508	132	473	128
Family Income								
\$0 - \$20,000	102,224	14	435	105	462	119	429	103
\$20,000–\$40,000	120,186	16	465	103	482	110	455	100
\$40,000–\$60,000	105,333	14	487	102	500	108	474	100
\$60,000–\$80,000	95,256	13	500	101	511	105	486	100
\$80,000–\$100,000	83,027	11	512	102	524	105	499	101
\$100,000–\$120,000	72,722	10	522	103	536	106	511	103
\$120,000–\$140,000	38,887	5	526	103	540	105	515	102
\$140,000–\$160,000	29,515	4	533	102	548	105	523	103
\$160,000–\$200,000	36,860	5	539	104	555	107	531	105
More than \$200,000	57,319	8	565	107	586	107	563	109
No Response	918,718		496	119	515	121	489	118
Highest Level of Parental Education								
No High School Diploma	85,795	6	423	97	451	107	420	93
High School Diploma	414,359	29	464	99	477	105	453	96
Associate Degree	119,986	8	480	95	488	99	466	93
Bachelor's Degree	451,388	31	523	104	540	109	513	104
Graduate Degree	365,425	25	560	112	576	114	553	113
No Response	223,094		436	112	469	120	433	110
Took the PSAT/NMSQT®								
Yes, As a Junior	375,161	26	501	110	514	112	492	109
Yes, As a Sophomore or Younger	321,036	22	497	104	507	108	485	103
Yes, As a Junior and As a Sophomore or Younger	418,377	29	536	109	548	110	528	110
No	319,844	22	463	110	491	124	455	108
No Response	225,629		461	127	496	132	459	126

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	230,263	36	44	56	572	606	569
Second Tenth	168,368	27	46	54	508	534	499
Second Fifth	110,846	18	51	49	481	497	468
Final Three Fifths	123,808	20	51	49	436	445	423
No Response	1,026,762		46	54	486	501	478

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)	99,714	7	41	59	592	619	590
A (93–96)	306,275	21	40	60	557	580	553
A- (90–92)	294,402	20	43	57	522	543	515
B (80–89)	649,799	44	49	51	465	476	454
C (70–79)	137,236	9	58	42	411	417	398
D, E, or F (below 70)	5,915	0	59	41	399	417	389
No Response	166,706		50	50	477	511	472
Mean Grade Point Average	All Students: 3.38		Male: 3.30		Female: 3.44		

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	2.0	2.4	2.2	3.67	3.82	3.75
English and Language Arts	3.9	3.9	3.9	3.30	3.52	3.42
Foreign and Classical Languages	2.7	2.9	2.8	3.23	3.47	3.36
Mathematics	3.9	3.9	3.9	3.20	3.19	3.20
Natural Sciences	3.6	3.6	3.6	3.28	3.32	3.30
Social Sciences and History	3.6	3.6	3.6	3.40	3.44	3.42
Total for All Subjects	19.7	20.3	20.0			

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	169,610	13	46	54	519	550	516
4 Years	899,396	70	46	54	509	519	498
3 Years	152,717	12	44	56	463	474	453
2 Years	29,292	2	49	51	466	494	460
1 Year	14,080	1	46	54	447	471	440
1/2 Year or Less	19,761	2	52	48	423	458	416
No Response	375,191		51	49	477	507	473
AP®/Honors Courses	560,670	44	39	61	552	556	542
Course Work or Experience							
English/Language Arts	1,143,616	96	45	55	503	515	493
Journalism	128,536	11	35	65	501	505	495
Creative Writing	257,513	22	40	60	501	511	495
American Literature	651,411	55	44	56	511	519	501
Composition/Writing	553,787	46	44	56	504	517	496
British Literature	285,637	24	44	56	522	529	511
World Literature	354,006	30	45	55	514	524	504
Communications	154,307	13	45	55	487	514	480
Public Speaking	250,272	21	44	56	506	522	498
English As Second Language	89,831	8	45	55	441	512	447

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	269,805	21	48	52	535	573	528
4 Years	742,041	58	45	55	506	515	496
3 Years	209,152	16	43	57	462	463	452
2 Years	29,280	2	48	52	457	476	450
1 Year	12,507	1	48	52	445	476	440
1/2 Year or Less	22,284	2	47	53	424	444	416
No Response	374,978		50	50	477	507	473
AP/Honors Courses	481,508	37	46	54	558	586	549
Highest Level of Mathematics Achieved*							
Calculus	406,577	33	50	50	559	600	553
Pre-calculus	358,971	29	43	57	501	511	490
Geometry	429,700	35	43	57	453	446	441
Algebra II	16,339	1	46	54	449	450	438
Algebra I	5,948	0	47	53	413	397	401

*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	179,853	14	47	53	537	573	532	
4 Years	606,766	48	46	54	517	528	506	
3 Years	330,944	26	44	56	478	484	468	
2 Years	76,748	6	48	52	468	481	458	
1 Year	30,988	2	48	52	463	481	452	
1/2 Year or Less	37,959	3	45	55	428	454	422	
No Response	396,789		50	50	476	506	472	
AP/Honors Courses	452,754	36	44	56	562	579	552	
Course Work or Experience								
Biology	1,155,554	95	45	55	504	516	494	
Chemistry	1,084,306	90	45	55	509	523	499	
Physics	716,684	59	49	51	521	544	512	
Geology, Earth, or Space Science	570,426	47	46	54	489	497	478	
Other Sciences	494,730	41	40	60	496	504	485	

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	143,947	11	47	53	530	555	524	
4 Years	645,460	51	46	54	514	523	503	
3 Years	353,349	28	44	56	486	500	477	
2 Years	80,784	6	48	52	471	493	463	
1 Year	22,583	2	48	52	453	482	447	
1/2 Year or Less	27,181	2	49	51	425	467	422	
No Response	386,743		51	49	476	507	473	
AP/Honors Courses	519,376	41	43	57	556	563	545	
Course Work or Experience								
U.S. History	1,106,903	92	45	55	502	513	492	
World History or Cultures	997,416	83	45	55	505	517	495	
U.S. Government or Civics	827,630	69	44	56	504	512	491	
Economics	629,258	52	44	56	502	517	491	
Geography	393,379	33	45	55	496	514	485	
Psychology	373,303	31	36	64	520	524	509	
European History	240,795	20	47	53	540	551	531	
Sociology	159,323	13	37	63	498	506	487	
Ancient History	157,981	13	49	51	513	531	506	
Other Courses	174,797	14	43	57	512	524	503	

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	113,000	9	42	58	549	579	549	
4 Years	265,643	21	42	58	548	559	543	
3 Years	377,740	30	45	55	512	525	502	
2 Years	377,888	30	48	52	472	480	456	
1 Year	63,986	5	49	51	444	455	430	
1/2 Year or Less	70,108	6	53	47	430	459	420	
No Response	391,682		51	49	476	507	472	
AP/Honors Courses	260,228	21	39	61	567	579	562	
Course Work or Experience								
Chinese	37,488	3	48	52	535	606	536	
French	211,867	18	38	62	519	525	509	
German	48,782	4	55	45	530	540	510	
Greek	4,781	0	49	51	526	543	521	
Hebrew	4,957	0	45	55	526	541	524	
Italian	29,939	2	44	56	497	509	493	
Japanese	21,266	2	46	54	521	552	507	
Korean	4,910	0	44	56	490	576	505	
Latin	68,598	6	47	53	556	556	542	
Russian	6,605	1	51	49	483	535	484	
Spanish	835,118	69	45	55	498	508	488	
Other Languages	51,172	4	43	57	483	521	479	

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	106,446	9	39	61	527	547	521
4 Years	220,815	18	38	62	529	532	519
3 Years	162,798	13	39	61	501	509	492
2 Years	259,995	21	46	54	498	511	488
1 Year	297,560	24	51	49	498	516	487
1/2 Year or Less	195,438	16	54	46	473	493	462
No Response	416,995		51	49	479	509	475
AP/Honors Courses	102,238	8	36	64	562	566	554
Course Work or Experience							
Acting or Play Production	197,682	17	34	66	535	530	524
Art History or Appreciation	205,028	18	41	59	503	510	493
Dance	154,058	13	12	88	490	499	490
Drama: Study or Appreciation	188,105	16	33	67	510	510	502
Music: Study or Appreciation	161,121	14	48	52	529	534	520
Music Performance	445,111	38	42	58	526	537	516
Photography or Film	257,045	22	36	64	505	513	498
Studio Art and Design	283,373	24	37	63	515	523	507
None	211,508	18	60	40	471	495	459

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	658,317	58	46	54	510	523	499
Computer Programming	218,402	19	58	42	502	531	492
Word Processing	613,449	54	45	55	511	523	501
Internet Activity	484,870	42	46	54	512	525	502
Using Computer Graphics	380,793	33	50	50	507	522	496
Creating Spreadsheets/Databases	364,221	32	46	54	513	529	503
None	224,279	20	40	60	491	503	483

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.

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
251,304	635,049	231,885	610	650	616

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	28,959	12
2	102,900	41
3	89,659	36
4 or More	29,786	12

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	67,132	613	107	62,652	633	105	617	101	630	104	
History and Social Studies											
U.S. History	84,455	651	103	79,515	636	96	642	96	635	98	
World History	18,172	624	111	16,974	642	101	648	99	639	101	
Mathematics											
Mathematics Level 1	72,828	621	96	67,592	582	115	630	93	594	105	
Mathematics Level 2	140,690	686	96	129,646	624	108	689	83	634	102	
Science											
Biology-E	32,662	626	105	30,700	611	114	640	99	618	106	
Biology-M	41,495	655	102	38,859	624	111	662	93	634	103	
Chemistry	72,250	666	104	65,184	628	108	692	85	637	103	
Physics	52,323	667	104	46,340	605	123	698	85	618	110	
Foreign and Classical Languages											
Chinese/Listening	6,167	759	65	5,881	588	129	686	86	608	126	
French	8,635	635	120	8,150	638	99	641	93	645	97	
French/Listening	1,972	654	114	1,883	640	98	643	86	646	93	
German	758	622	136	690	631	96	651	86	637	91	
German/Listening	675	624	125	624	629	98	640	88	632	94	
Modern Hebrew	412	620	140	344	627	96	647	86	642	93	
Italian	635	684	133	597	607	91	615	96	615	92	
Japanese/Listening	1,521	688	111	1,439	584	110	664	92	600	103	
Korean/Listening	2,986	767	57	2,799	568	111	679	85	607	109	
Latin	2,960	615	110	2,831	680	83	676	80	678	83	
Spanish	22,453	656	116	21,107	591	118	599	115	600	118	
Spanish/Listening	3,868	668	107	3,716	580	116	586	112	586	117	

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	5,398	8	16,786	20	2,975	16
700-740	11,398	17	17,311	20	2,635	15
650-690	12,948	19	15,315	18	2,852	16
600-640	11,422	17	12,038	14	2,431	13
550-590	8,845	13	8,876	11	2,741	15
500-540	6,835	10	6,072	7	1,978	11
450-490	4,554	7	4,329	5	1,375	8
400-440	3,399	5	2,334	3	714	4
350-390	1,787	3	1,130	1	386	2
300-340	506	1	257	0	82	0
250-290	40	0	7	0	3	0
200-240						
Total	67,132		84,455		18,172	
Mean	613		651		624	
SD	107		103		111	
75th percentile	700		730		720	
50th percentile	630		670		630	
25th percentile	540		590		550	

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	5,316	7	50,196	36	4,151	13	8,597	21	20,224	28	14,898	28
700-740	13,504	19	20,373	14	5,163	16	7,778	19	12,774	18	8,664	17
650-690	13,818	19	22,700	16	5,865	18	8,224	20	11,416	16	8,614	16
600-640	14,292	20	21,115	15	5,989	18	6,466	16	9,803	14	7,427	14
550-590	10,574	15	14,317	10	4,784	15	4,522	11	7,373	10	5,341	10
500-540	7,070	10	6,827	5	3,034	9	2,732	7	5,116	7	3,592	7
450-490	4,353	6	3,516	2	1,719	5	1,469	4	3,287	5	2,145	4
400-440	2,391	3	1,222	1	1,014	3	826	2	1,794	2	1,476	3
350-390	1,169	2	288	0	541	2	561	1	455	1	166	0
300-340	325	0	136	0	337	1	272	1	8	0		
250-290	16	0			62	0	36	0				
200-240					3	0	12	0				
Total	72,828		140,690		32,662		41,495		72,250		52,323	
Mean	621		686		626		655		666		667	
SD	96		96		105		102		104		104	
75th percentile	700		770		700		730		750		750	
50th percentile	630		700		640		670		680		680	
25th percentile	560		620		560		590		600		600	

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	4,716	76	2,043	24	553	28	193	25	146	22	111	27
700-740	701	11	1,088	13	241	12	78	10	96	14	42	10
650-690	302	5	1,129	13	293	15	77	10	82	12	43	10
600-640	201	3	1,069	12	264	13	84	11	71	11	38	9
550-590	111	2	1,005	12	235	12	79	10	69	10	49	12
500-540	72	1	990	11	180	9	88	12	85	13	45	11
450-490	44	1	743	9	120	6	80	11	76	11	27	7
400-440	16	0	420	5	61	3	40	5	26	4	32	8
350-390	3	0	137	2	25	1	29	4	15	2	13	3
300-340	1	0	11	0			10	1	8	1	11	3
250-290											1	0
200-240									1	0		
Total	6,167		8,635		1,972		758		675		412	
Mean	759		635		654		622		624		620	
SD	65		120		114		136		125		140	
75th percentile	800		740		760		750		730		750	
50th percentile	790		640		660		620		640		630	
25th percentile	750		540		570		510		520		510	

Table 24: Foreign and Classical Languages (continued)

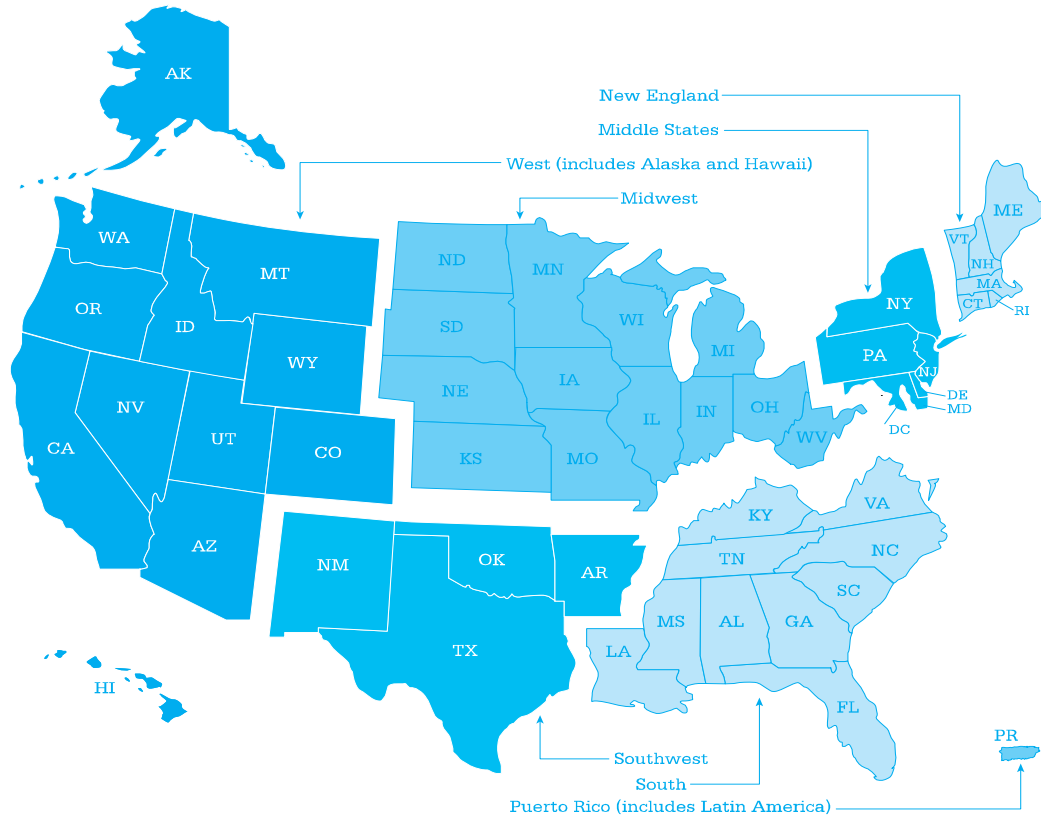
SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	298	47	589	39	2,438	82	436	15	6,310	28	1,169	30
700-740	84	13	333	22	271	9	464	16	3,856	17	665	17
650-690	73	11	176	12	134	4	316	11	3,221	14	637	16
600-640	52	8	144	9	63	2	425	14	2,544	11	510	13
550-590	36	6	98	6	38	1	407	14	2,262	10	326	8
500-540	19	3	82	5	21	1	425	14	1,731	8	226	6
450-490	18	3	30	2	12	0	334	11	1,255	6	171	4
400-440	16	3	35	2	4	0	130	4	713	3	100	3
350-390	17	3	19	1	4	0	22	1	379	2	52	1
300-340	17	3	10	1			1	0	150	1	12	0
250-290	5	1	1	0	1	0			31	0		
200-240			4	0					1	0		
Total	635		1,521		2,986		2,960		22,453		3,868	
Mean	684		688		767		615		656		668	
SD	133		111		57		110		116		107	
75th percentile	790		780		800		710		750		750	
50th percentile	730		730		790		610		680		690	
25th percentile	630		630		760		520		580		600	

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	13,378	1	469	478	457
Architecture and Related Services	23,231	2	487	530	482
Area, Ethnic, Cultural and Gender Studies	1,709	0	539	509	525
Biological and Biomedical Sciences	93,771	7	537	552	529
Business Management, Marketing, and Related Support Services	157,745	11	490	522	485
Communication, Journalism and Related Programs	38,011	3	515	498	511
Computer and Information Sciences and Support Services	36,515	3	518	547	493
Construction Trades	1,218	0	421	452	401
Education	62,119	4	481	485	476
Engineering	132,275	10	527	580	512
Engineering Technologies/Technicians	19,133	1	471	524	458
English Language and Literature/Letters	17,768	1	578	524	563
Family and Consumer Sciences/Human Sciences	4,720	0	448	452	445
Foreign Languages, Literatures, and Linguistics	9,140	1	562	539	551
Health Professions and Related Clinical Services	262,528	19	484	497	479
History	14,919	1	540	509	511
Legal Professions and Studies	36,942	3	516	509	503
Liberal Arts and Sciences, General Studies, and Humanities	12,963	1	547	530	536
Library Science And Administration	239	0	563	509	520
Mathematics and Statistics	11,361	1	523	604	522
Mechanic and Repair Technologies/Technician	3,654	0	416	444	397
Military Technologies And Applied Sciences	8,404	1	486	496	460
Multi/Interdisciplinary Studies	6,676	0	587	594	576
Natural Resources and Conservation	6,959	1	518	519	500
Parks, Recreation, Leisure and Fitness Studies	11,050	1	438	461	429
Personal and Culinary Services	6,575	0	448	449	433
Philosophy and Religious Studies	3,219	0	546	530	527
Physical Sciences	21,057	2	554	582	537
Precision Production	100	0	442	476	427
Psychology	65,319	5	502	490	492
Public Administration and Social Services Professions	5,025	0	462	454	457
Security and Protective Services	44,364	3	445	453	433
Social Sciences	24,172	2	565	553	551
Theology and Religious Vocations	2,283	0	527	509	507
Transportation and Materials Moving	700	0	451	486	438
Visual and Performing Arts	98,725	7	504	494	492
Other	26,412	2	450	460	440
Undecided	96,486	7	533	547	524
Degree-Level Goal					
Certificate Program	14,316	1	440	459	430
Associate Degree	19,991	1	409	414	397
Bachelor's Degree	418,253	30	478	489	466
Master's Degree	417,117	30	506	524	499
Doctoral or Related Degree	299,140	21	533	548	525
Other	9,409	1	412	445	411
Undecided	213,555	15	504	520	495

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