

SAT[®]

2014 College-Bound Seniors

State Profile Report



CALIFORNIA

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 2014 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 Oct. 7, 2014 when the College Board will make state and total group-level data and information publicly available.** 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 2014 includes students who tested through June 2014.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2014 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, 1972–2014

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

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 2000–2014, 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 2014. Information is summarized for seniors who took the SAT at any time during their high school years through June 2014. 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	236,923	498	113	510	120	496	112	49.5	11.3	7.2	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	106,300	505	115	532	122	494	115	49.7	11.5	7.1	1.6
Female	130,623	492	112	492	116	497	110	49.4	11.2	7.4	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 (2013-2014)	168,538	489	107	502	115	486	105	48.6	10.6	7.2	1.4
Junior (2012-2013)	67,998	520	124	531	130	519	124	51.9	12.5	7.3	1.6
Sophomore (2011-2012)	359	591	153	624	150	595	155	59.6	15.4	7.9	1.8
Freshman (2010-2011)	28	550	124	565	115	526	131	53.6	12.8	7.1	2.0
Total	236,923	498	113	510	120	496	112	49.5	11.3	7.2	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	1,672,395	497	115	513	120	487	115	48.9	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 2014 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	570	590	570	570	600	560
50th	490	500	480	490	510	480
25th	420	420	420	420	430	410

Table 6: 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	5,734	5,507	11,241	10,952	6,545	17,497	5,940	6,918	12,858
600–690	17,762	18,679	36,441	22,254	19,161	41,415	14,906	17,885	32,791
500–590	31,449	36,806	68,255	30,992	35,729	66,721	27,629	35,828	63,457
400–490	32,711	43,517	76,228	28,269	42,942	71,211	36,696	46,755	83,451
300–390	15,780	22,415	38,195	11,671	22,216	33,887	18,539	20,805	39,344
200–290	2,864	3,699	6,563	2,162	4,030	6,192	2,590	2,432	5,022

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	204,867	88	44	56	492	506	489
Religiously Affiliated	21,006	9	50	50	535	538	536
Independent	6,351	3	49	51	586	599	591
Other or Unknown	4,699		43	57	473	468	467

Table 8: 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	9,823	4	492	115	493	118	481	110
Nonstandard Conditions	3,097	1	510	130	514	137	510	127

Note: Percentiles are reported when there are 20 or more test-takers.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	1,503	1	497	101	491	102	479	95
Asian, Asian American, or Pacific Islander	49,432	21	527	120	575	122	532	125
Black or African American	15,154	6	450	101	440	104	445	97
Mexican or Mexican American	57,614	24	450	93	457	96	449	87
Puerto Rican	898	0	501	104	493	106	489	98
Other Hispanic, Latino, or Latin American	29,237	12	440	100	443	102	441	94
White	69,649	29	548	100	551	104	540	101
Other	9,607	4	523	116	530	120	524	117
No Response	3,829	2	490	115	488	116	480	111
Total	236,923	100	498	113	510	120	496	112

Table 10: 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	655	0	502	106	515	107	475	100
Asian, Asian American, or Pacific Islander	23,660	10	530	121	591	123	528	127
Black or African American	6,671	3	446	102	449	109	434	99
Mexican or Mexican American	24,714	10	456	96	476	100	446	89
Puerto Rican	394	0	502	111	510	113	481	106
Other Hispanic, Latino, or Latin American	11,507	5	450	103	466	107	440	97
White	32,759	14	552	102	571	106	536	104
Other	4,068	2	527	116	551	122	521	119
No Response	1,872	1	492	116	502	118	474	112
Total	106,300	45	505	115	532	122	494	115

Table 11: 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	848	0	493	97	472	94	483	91
Asian, Asian American, or Pacific Islander	25,772	11	525	119	560	120	535	123
Black or African American	8,483	4	453	100	433	100	453	94
Mexican or Mexican American	32,900	14	446	91	442	91	451	85
Puerto Rican	504	0	499	99	480	99	496	92
Other Hispanic, Latino, or Latin American	17,730	7	434	98	428	96	441	92
White	36,890	16	544	99	533	100	543	99
Other	5,539	2	520	115	515	116	527	115
No Response	1,957	1	488	113	474	113	485	110
Total	130,623	55	492	112	492	116	497	110

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: 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	236,923	100	498	113	510	120	496	112
First Language Learned								
English	123,988	53	521	107	524	114	513	107
English and Another	64,491	28	479	114	494	125	481	115
Another Language	44,831	19	461	112	496	125	468	113
No Response	3,613		488	128	501	133	484	126
Citizenship								
U.S. Citizen / U.S. National	211,473	94	503	112	512	119	500	111
U.S. Permanent Resident or Refugee	9,374	4	475	124	524	134	483	128
Citizen of Another Country	5,191	2	457	110	522	133	468	115
Other, Unknown, or No Response	10,885		434	109	461	123	435	106
Plans to Apply for Financial Aid								
Yes	169,993	80	492	109	501	115	489	106
No	11,090	5	544	112	563	118	547	117
Don't Know	32,652	15	526	117	546	124	525	119
No Response	23,188		479	128	497	135	480	127
Family Income								
\$0 - \$20,000	25,805	18	437	98	451	106	436	92
\$20,000–\$40,000	28,915	20	463	97	476	106	461	94
\$40,000–\$60,000	20,361	14	486	100	496	108	481	98
\$60,000–\$80,000	16,009	11	506	100	514	107	499	99
\$80,000–\$100,000	13,196	9	522	102	531	107	514	101
\$100,000–\$120,000	12,328	8	534	102	544	110	528	104
\$120,000–\$140,000	6,728	5	536	101	547	109	530	102
\$140,000–\$160,000	5,715	4	545	102	558	109	542	104
\$160,000–\$200,000	7,174	5	551	102	563	108	548	104
More than \$200,000	10,715	7	580	103	597	107	583	108
No Response	89,977		499	120	512	128	499	120
Highest Level of Parental Education								
No High School Diploma	33,913	15	428	89	444	99	431	85
High School Diploma	72,775	32	469	97	480	107	465	94
Associate Degree	14,883	7	487	95	493	103	480	92
Bachelor's Degree	58,910	26	535	102	549	110	530	105
Graduate Degree	43,757	20	576	110	587	117	575	115
No Response	12,685		421	107	436	111	422	100
Took the PSAT/NMSQT®								
Yes, As a Junior	65,001	30	503	110	515	116	501	108
Yes, As a Sophomore or Younger	46,910	21	504	110	518	118	502	109
Yes, As a Junior and As a Sophomore or Younger	55,440	25	537	112	550	118	538	113
No	52,106	24	458	102	467	110	452	97
No Response	17,466		454	119	473	128	455	117

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 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	30,717	33	45	55	578	602	578
Second Tenth	25,299	27	46	54	507	527	504
Second Fifth	17,924	19	50	50	477	491	472
Final Three Fifths	19,492	21	47	53	438	442	434
No Response	143,491		44	56	490	499	488

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	10,621	5	40	60	592	609	593
A (93–96)	41,810	19	40	60	565	586	568
A- (90–92)	44,533	20	42	58	529	549	529
B (80–89)	101,671	46	46	54	467	475	463
C (70–79)	20,705	9	54	46	417	416	409
D, E, or F (below 70)	268	0	63	37	405	399	397
No Response	17,315		46	54	477	484	471
Mean Grade Point Average	All Students: 3.35		Male: 3.29		Female: 3.39		

Table 15: 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	1.8	2.0	1.9	3.73	3.84	3.79
English and Language Arts	3.9	3.9	3.9	3.32	3.50	3.42
Foreign and Classical Languages	2.7	2.8	2.8	3.30	3.50	3.41
Mathematics	3.8	3.8	3.8	3.14	3.07	3.11
Natural Sciences	3.3	3.3	3.3	3.28	3.28	3.28
Social Sciences and History	3.3	3.3	3.3	3.42	3.43	3.42
Total for All Subjects	18.8	19.1	19.0			

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 16: English, Mathematics

English and Language Arts		Test-Takers		Percent by Gender		SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	16,497	8	46	54	520	538	521	
4 Years	162,664	79	44	56	507	518	504	
3 Years	20,275	10	43	57	453	461	452	
2 Years	3,042	1	49	51	474	493	474	
1 Year	1,470	1	44	56	455	466	456	
1/2 Year or Less	1,762	1	51	49	429	449	427	
No Response	31,213		50	50	476	492	476	
AP@/Honors Courses	98,995	48	39	61	547	554	544	
Course Work or Experience								
English/Language Arts	189,409	97	44	56	501	512	499	
Journalism	15,005	8	34	66	516	514	517	
Creative Writing	24,729	13	40	60	503	504	501	
American Literature	107,275	55	43	57	511	521	509	
Composition/Writing	79,914	41	43	57	502	510	500	
British Literature	28,619	15	43	57	542	545	537	
World Literature	44,949	23	45	55	520	529	517	
Communications	8,842	5	44	56	486	503	487	
Public Speaking	20,236	10	43	57	513	519	511	
English As Second Language	10,288	5	41	59	429	484	438	
Mathematics								
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	24,783	12	50	50	536	569	536	
4 Years	128,695	63	44	56	512	526	510	
3 Years	44,099	21	41	59	459	455	454	
2 Years	4,604	2	46	54	457	456	453	
1 Year	1,306	1	44	56	458	486	459	
1/2 Year or Less	2,180	1	47	53	432	436	427	
No Response	31,256		49	51	476	491	477	
AP/Honors Courses	82,355	40	46	54	556	590	556	
Highest Level of Mathematics Achieved*								
Calculus	71,823	36	49	51	560	599	561	
Pre-calculus	59,249	29	42	58	492	500	487	
Geometry	67,301	33	41	59	448	435	443	
Algebra II	1,679	1	46	54	458	453	455	
Algebra I	547	0	46	54	394	363	387	

*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 17: 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	14,335	7	48	52	551	578	552	
4 Years	82,328	41	45	55	530	545	529	
3 Years	70,424	35	42	58	481	488	477	
2 Years	23,955	12	45	55	461	466	456	
1 Year	6,596	3	47	53	461	474	456	
1/2 Year or Less	4,311	2	43	57	427	439	427	
No Response	34,974		49	51	475	489	474	
AP/Honors Courses	75,651	37	44	56	562	585	561	
Course Work or Experience								
Biology	194,220	98	44	56	501	513	499	
Chemistry	182,561	92	44	56	505	517	502	
Physics	102,977	52	50	50	525	547	522	
Geology, Earth, or Space Science	69,417	35	44	56	491	495	487	
Other Sciences	69,377	35	38	62	497	503	495	

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	10,912	5	46	54	540	552	538	
4 Years	83,583	41	44	56	520	527	517	
3 Years	81,027	40	44	56	492	508	490	
2 Years	23,337	11	46	54	461	476	459	
1 Year	2,928	1	47	53	457	475	457	
1/2 Year or Less	2,334	1	47	53	425	444	424	
No Response	32,802		49	51	475	491	475	
AP/Honors Courses	88,266	43	43	57	553	564	550	
Course Work or Experience								
U.S. History	193,084	98	44	56	501	512	498	
World History or Cultures	166,947	85	44	56	498	510	495	
U.S. Government or Civics	157,262	80	43	57	504	515	501	
Economics	135,886	69	43	57	502	515	499	
Geography	51,904	26	44	56	505	515	500	
Psychology	54,274	27	36	64	522	526	519	
European History	38,470	19	45	55	554	561	549	
Sociology	12,537	6	37	63	491	493	487	
Ancient History	12,350	6	49	51	526	530	522	
Other Courses	14,243	7	43	57	527	534	525	

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: 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	8,540	4	41	59	557	578	563
4 Years	36,354	18	41	59	557	568	559
3 Years	79,865	39	44	56	513	527	511
2 Years	67,425	33	46	54	463	470	456
1 Year	6,354	3	47	53	434	447	430
1/2 Year or Less	5,529	3	49	51	429	449	425
No Response	32,856		50	50	475	491	475
AP/Honors Courses	44,468	22	38	62	549	565	553
Course Work or Experience							
Chinese	8,093	4	49	51	537	595	541
French	28,882	15	36	64	519	521	514
German	2,982	2	55	45	531	532	515
Greek	216	0	51	49	514	513	506
Hebrew	627	0	48	52	561	561	572
Italian	1,702	1	42	58	504	503	499
Japanese	4,353	2	48	52	541	570	532
Korean	1,057	1	46	54	516	573	527
Latin	3,732	2	50	50	572	567	564
Russian	430	0	47	53	491	499	490
Spanish	151,088	76	44	56	495	505	493
Other Languages	7,400	4	40	60	479	492	473

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 19: 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	8,504	4	41	59	541	548	538	
4 Years	25,688	13	38	62	540	543	536	
3 Years	22,163	11	38	62	505	510	502	
2 Years	49,241	24	43	57	497	507	494	
1 Year	76,695	38	48	52	497	514	494	
1/2 Year or Less	19,125	9	47	53	458	470	456	
No Response	35,507		50	50	478	494	478	
AP/Honors Courses	13,534	7	38	62	568	579	568	
Course Work or Experience								
Acting or Play Production	26,168	14	34	66	531	522	525	
Art History or Appreciation	36,322	19	42	58	497	504	495	
Dance	28,038	15	12	88	492	494	496	
Drama: Study or Appreciation	29,832	16	33	67	505	501	502	
Music: Study or Appreciation	18,978	10	47	53	534	539	531	
Music Performance	59,854	31	43	57	525	536	522	
Photography or Film	48,799	25	42	58	502	510	500	
Studio Art and Design	49,803	26	40	60	512	521	509	
None	26,147	14	56	44	466	486	462	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	92,777	51	45	55	511	521	506
Computer Programming	30,836	17	58	42	509	535	507
Word Processing	81,699	45	43	57	514	523	510
Internet Activity	67,568	37	44	56	518	528	514
Using Computer Graphics	52,720	29	50	50	508	522	504
Creating Spreadsheets/Databases	40,274	22	46	54	521	535	518
None	49,941	27	39	61	492	504	492

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 20: 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
53,772	133,362	50,588	591	623	599

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	7,888	15
2	20,854	39
3	18,604	35
4 or More	6,426	12

Table 21: 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	16,026	579	116	15,126	595	118	588	114	598	117	
History and Social Studies											
U.S. History	21,307	621	110	20,143	612	108	623	110	616	112	
World History	3,521	604	116	3,246	628	107	635	111	630	108	
Mathematics											
Mathematics Level 1	5,966	554	109	5,584	531	116	566	115	537	116	
Mathematics Level 2	34,363	660	104	32,648	608	109	659	97	619	110	
Science											
Biology-E	7,897	619	111	7,527	610	108	632	109	616	112	
Biology-M	9,151	643	110	8,699	620	105	649	103	630	108	
Chemistry	12,786	651	111	12,099	626	110	677	98	638	111	
Physics	7,337	646	101	6,985	621	106	683	90	627	109	
Foreign and Classical Languages											
Chinese/Listening	2,480	769	48	2,248	566	139	674	93	591	139	
French	1,006	613	127	943	633	102	632	100	640	102	
French/Listening	291	648	115	276	632	95	643	91	649	94	
German	55	681	117	52	627	103	623	90	636	98	
German/Listening	83	637	115	77	617	84	624	87	631	96	
Modern Hebrew	94	640	149	76	602	105	638	106	631	106	
Italian	38	705	86	37	616	95	625	92	648	94	
Japanese/Listening	459	703	104	432	571	110	656	91	591	109	
Korean/Listening	1,514	763	55	1,361	566	115	671	92	610	115	
Latin	283	614	102	263	684	78	683	79	688	87	
Spanish	7,449	662	101	7,017	524	124	539	124	536	125	
Spanish/Listening	1,256	681	95	1,212	529	118	539	114	533	117	

SAT Subject Tests Score Distributions

Table 22: 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	966	6	2,800	13	478	14
700-740	1,902	12	3,488	16	394	11
650-690	2,588	16	3,863	18	533	15
600-640	2,292	14	3,285	15	517	15
550-590	2,181	14	2,585	12	470	13
500-540	1,798	11	2,046	10	379	11
450-490	1,726	11	1,486	7	392	11
400-440	1,548	10	1,048	5	235	7
350-390	802	5	574	3	106	3
300-340	211	1	130	1	15	0
250-290	11	0	2	0	2	0
200-240	1	0				
Total	16,026		21,307		3,521	
Mean	579		621		604	
SD	116		110		116	
75th percentile	670		710		690	
50th percentile	590		640		610	
25th percentile	490		550		520	

Table 23: 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	203	3	9,509	28	1,018	13	1,784	19	3,127	24	1,504	20
700-740	493	8	4,755	14	1,266	16	1,707	19	2,272	18	1,082	15
650-690	675	11	5,131	15	1,330	17	1,525	17	1,978	15	1,254	17
600-640	851	14	5,316	15	1,242	16	1,400	15	1,667	13	1,192	16
550-590	898	15	4,355	13	1,051	13	988	11	1,260	10	977	13
500-540	955	16	2,864	8	837	11	748	8	1,007	8	698	10
450-490	815	14	1,670	5	519	7	460	5	766	6	446	6
400-440	623	10	597	2	384	5	269	3	582	5	172	2
350-390	355	6	126	0	149	2	186	2	120	1	11	0
300-340	91	2	40	0	88	1	69	1	7	0	1	0
250-290	7	0			11	0	14	0				
200-240					2	0	1	0				
Total	5,966		34,363		7,897		9,151		12,786		7,337	
Mean	554		660		619		643		651		646	
SD	109		104		111		110		111		101	
75th percentile	640		750		710		730		740		730	
50th percentile	550		660		630		660		670		650	
25th percentile	470		580		540		570		570		570	

SAT Subject Tests Score Distributions

Table 24: 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	2,027	82	214	21	72	25	25	45	16	19	33	35
700-740	273	11	109	11	41	14	5	9	16	19	6	6
650-690	99	4	105	10	49	17	6	11	11	13	15	16
600-640	42	2	110	11	35	12	6	11	11	13	6	6
550-590	22	1	116	12	31	11	3	5	11	13	7	7
500-540	7	0	132	13	31	11	4	7	7	8	8	9
450-490	6	0	112	11	16	5	5	9	5	6	6	6
400-440	4	0	77	8	11	4	1	2	3	4	6	6
350-390			30	3	4	1			3	4	2	2
300-340			1	0	1	0					4	4
250-290											1	1
200-240												
Total	2,480		1,006		291		55		83		94	
Mean	769		613		648		681		637		640	
SD	48		127		115		117		115		149	
75th percentile	800		730		740		790		740		790	
50th percentile	790		610		660		700		650		670	
25th percentile	760		510		570		590		550		520	

Table 25: 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	16	42	208	45	1,187	78	31	11	1,734	23	439	35
700-740	8	21	110	24	176	12	43	15	1,604	22	240	19
650-690	7	18	39	8	73	5	36	13	1,356	18	179	14
600-640	4	11	32	7	35	2	56	20	1,058	14	145	12
550-590			19	4	23	2	47	17	616	8	118	9
500-540	2	5	22	5	17	1	32	11	495	7	83	7
450-490			9	2	2	0	18	6	314	4	26	2
400-440	1	3	12	3	1	0	16	6	175	2	20	2
350-390			7	2			3	1	75	1	5	0
300-340			1	0			1	0	20	0	1	0
250-290									2	0		
200-240												
Total	38		459		1,514		283		7,449		1,256	
Mean	705		703		763		614		662		681	
SD	86		104		55		102		101		95	
75th percentile	760		780		800		700		740		750	
50th percentile	730		740		780		620		680		710	
25th percentile	660		670		750		540		610		620	

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	1,879	1	477	476	472
Architecture and Related Services	2,897	1	482	521	484
Area, Ethnic, Cultural and Gender Studies	346	0	516	496	509
Biological and Biomedical Sciences	18,954	9	534	548	533
Business Management, Marketing, and Related Support Services	22,014	11	495	519	496
Communication, Journalism and Related Programs	5,177	3	517	498	518
Computer and Information Sciences and Support Services	5,893	3	535	568	520
Construction Trades	72	0	433	447	432
Education	5,724	3	475	478	477
Engineering	19,838	10	525	573	518
Engineering Technologies/Technicians	3,170	2	482	530	474
English Language and Literature/Letters	2,821	1	569	514	556
Family and Consumer Sciences/Human Sciences	621	0	454	453	457
Foreign Languages, Literatures, and Linguistics	1,199	1	527	508	521
Health Professions and Related Clinical Services	36,981	18	479	490	482
History	2,149	1	523	492	500
Legal Professions and Studies	4,944	2	517	508	512
Liberal Arts and Sciences, General Studies, and Humanities	1,651	1	538	514	532
Library Science And Administration	23	0	567	506	506
Mathematics and Statistics	2,006	1	522	597	527
Mechanic and Repair Technologies/Technician	497	0	418	442	404
Military Technologies And Applied Sciences	976	0	491	504	475
Multi/Interdisciplinary Studies	1,316	1	581	587	578
Natural Resources and Conservation	941	0	540	531	526
Parks, Recreation, Leisure and Fitness Studies	1,118	1	441	463	444
Personal and Culinary Services	652	0	445	447	440
Philosophy and Religious Studies	461	0	549	526	536
Physical Sciences	3,320	2	545	571	534
Precision Production	2	0			
Psychology	12,041	6	490	480	489
Public Administration and Social Services Professions	1,015	0	441	431	445
Security and Protective Services	7,972	4	434	439	433
Social Sciences	3,948	2	543	525	534
Theology and Religious Vocations	270	0	531	513	517
Transportation and Materials Moving	78	0	444	472	431
Visual and Performing Arts	14,619	7	500	493	497
Other	3,152	2	452	459	451
Undecided	15,646	8	531	547	528
Degree-Level Goal					
Certificate Program	1,801	1	453	468	450
Associate Degree	1,966	1	408	409	406
Bachelor's Degree	60,345	28	477	486	472
Master's Degree	70,832	33	501	515	499
Doctoral or Related Degree	49,649	23	528	541	528
Other	1,113	1	416	432	422
Undecided	31,030	14	506	518	502

College Plans

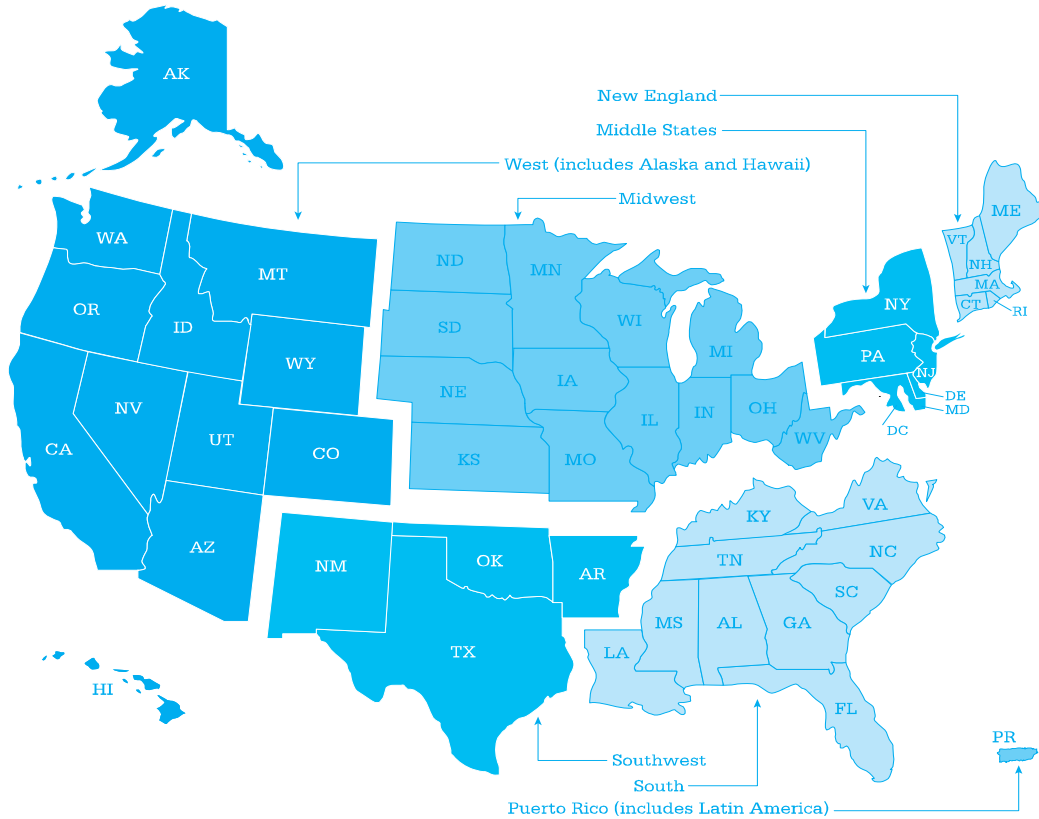
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 240,107 students from your state who took the SAT and/or an SAT Subject Test, 186,220 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 2,858 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
California State University Mentor	CA	Public	55,052	29.6
University of California: Los Angeles	CA	Public	33,589	18.0
University of California: Irvine	CA	Public	28,414	15.3
University of California: Berkeley	CA	Public	26,661	14.3
University of California: Davis	CA	Public	25,355	13.6
California State University: Long Beach	CA	Public	24,762	13.3
San Diego State University	CA	Public	24,739	13.3
University of Southern California	CA	Private	24,294	13.0
University of California: Santa Barbara	CA	Public	24,064	12.9
University of California: San Diego	CA	Public	23,427	12.6
California State University: Fullerton	CA	Public	19,390	10.4
California Polytechnic State Univ San Luis Obispo	CA	Public	18,088	9.7
Stanford University	CA	Private	16,885	9.1
University of California: Santa Cruz	CA	Public	16,034	8.6
University of California: Riverside	CA	Public	15,575	8.4
San Francisco State University	CA	Public	14,911	8.0
California State University: Northridge	CA	Public	14,480	7.8
California State Polytechnic University: Pomona	CA	Public	13,988	7.5
San Jose State University	CA	Public	13,897	7.5
California State University: Los Angeles	CA	Public	12,847	6.9
California State University: Sacramento	CA	Public	11,258	6.0
University of San Diego	CA	Private	10,359	5.6
California State University: Chico	CA	Public	9,826	5.3
California State University: Fresno	CA	Public	8,900	4.8
Santa Clara University	CA	Private	8,401	4.5
NCAA Eligibility Center	IN	Public	8,254	4.4
University of the Pacific	CA	Private	8,079	4.3
California State University: Monterey Bay	CA	Public	7,630	4.1
Loyola Marymount University	CA	Private	7,557	4.1
University of Oregon	OR	Public	7,314	3.9
New York University	NY	Private	7,171	3.9
Chapman University	CA	Private	7,113	3.8
University of San Francisco	CA	Private	7,005	3.8
University of California: Merced	CA	Public	6,881	3.7
University of Washington	WA	Public	6,744	3.6
Boston University	MA	Private	6,601	3.5
California State University: San Marcos	CA	Public	6,454	3.5
California State University: Dominguez Hills	CA	Public	6,426	3.5
California State University: San Bernardino	CA	Public	6,274	3.4
California State University: East Bay	CA	Public	6,217	3.3
Arizona State University	AZ	Public	6,150	3.3
Sonoma State University	CA	Public	6,139	3.3
Harvard College	MA	Private	6,014	3.2
Cornell University	NY	Private	5,908	3.2
Pepperdine University	CA	Private	5,695	3.1

*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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