

SAT[®]

2015 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 2015 who took the SAT or SAT Subject Tests at any time during high school. ***Data and other information in this report are embargoed from dissemination to the media and general public until after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2015.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions about the College Board Program Results press briefing, please contact the College Board communications department at communications@collegeboard.org.

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The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2015* includes students who tested through June 2015.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2015 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply

to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board website at www.collegeboard.org.

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses a 200- to 800-point scale.

Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2015

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488
2014	499	495	497	530	499	513	481	492	487
2015	497	493	495	527	496	511	478	490	484

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2015, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see www.collegeboard.org/cbs.

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SAT[®] Data

Data in this report are for high school graduates in the year 2015. Information is summarized for seniors who took the SAT at any time during their high school years through June 2015. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	241,553	495	113	506	121	491	112	49.1	11.4	7.3	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	108,336	502	115	527	123	489	114	49.2	11.5	7.1	1.5
Female	133,217	490	111	488	117	493	111	49.1	11.3	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 (2014-2015)	168,642	484	106	493	114	479	104	47.9	10.6	7.2	1.4
Junior (2013-2014)	72,408	522	124	534	130	519	124	52.0	12.5	7.4	1.5
Sophomore (2012-2013)	469	610	139	643	133	612	144	61.3	14.2	8.0	1.8
Freshman (2011-2012)	34	511	142	574	147	505	149	51.4	15.1	7.1	1.5
Total	241,553	495	113	506	121	491	112	49.1	11.4	7.3	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,698,521	495	116	511	120	484	115	48.7	11.6	7.0	1.7

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2015 cohort took the SAT Writing section. The Writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	570	590	560	570	590	560
50th	490	500	480	490	510	480
25th	410	420	410	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	5,565	5,362	10,927	10,422	6,525	16,947	5,530	6,581	12,111
600-690	17,468	17,931	35,399	22,050	18,827	40,877	14,030	17,870	31,900
500-590	31,414	37,455	68,869	31,130	34,883	66,013	27,570	34,980	62,550
400-490	34,617	45,918	80,535	29,254	43,758	73,012	38,287	48,597	86,884
300-390	16,138	22,544	38,682	13,184	24,977	38,161	19,850	22,424	42,274
200-290	3,134	4,007	7,141	2,296	4,247	6,543	3,069	2,765	5,834

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	210,710	89	44	56	489	500	484
Religiously Affiliated	20,918	9	49	51	535	538	535
Independent	6,167	3	47	53	586	598	589
Other or Unknown	3,758		41	59	483	476	473

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	1,613	1	496	102	492	105	483	99
Asian, Asian American, or Pacific Islander	49,415	20	530	119	576	125	534	125
Black or African American	15,549	6	451	101	440	104	443	97
Mexican or Mexican American	62,014	26	449	93	453	97	444	87
Puerto Rican	923	0	494	100	487	104	485	98
Other Hispanic, Latino, or Latin American	30,795	13	438	100	439	103	436	94
White	66,931	28	546	100	547	104	536	101
Other	9,411	4	524	116	528	120	521	117
No Response	4,902	2	493	115	493	118	483	112
Total	241,553	100	495	113	506	121	491	112

Table 9: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	686	0	501	110	511	112	478	106
Asian, Asian American, or Pacific Islander	23,816	10	532	120	591	125	528	127
Black or African American	6,929	3	449	103	451	109	433	98
Mexican or Mexican American	26,540	11	454	96	472	100	440	89
Puerto Rican	409	0	497	103	503	104	481	98
Other Hispanic, Latino, or Latin American	12,215	5	447	103	462	108	435	97
White	31,287	13	550	101	568	105	530	102
Other	4,015	2	527	118	549	121	514	118
No Response	2,439	1	495	116	509	119	478	111
Total	108,336	45	502	115	527	123	489	114

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	927	0	492	96	478	96	486	94
Asian, Asian American, or Pacific Islander	25,599	11	527	118	562	123	538	123
Black or African American	8,620	4	452	100	432	100	450	95
Mexican or Mexican American	35,474	15	445	90	439	91	447	85
Puerto Rican	514	0	492	97	475	102	488	97
Other Hispanic, Latino, or Latin American	18,580	8	432	97	424	96	436	92
White	35,644	15	542	99	530	100	541	99
Other	5,396	2	522	115	513	117	526	115
No Response	2,463	1	490	114	477	115	488	113
Total	133,217	55	490	111	488	117	493	111

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	241,553	100	495	113	506	121	491	112
First Language Learned								
English	124,378	52	518	108	520	114	509	107
English and Another	68,434	29	477	114	490	126	476	115
Another Language	45,618	19	461	111	492	127	464	114
No Response	3,123		494	126	504	131	488	124
Citizenship								
U.S. Citizen / U.S. National	215,580	94	500	112	507	119	495	111
U.S. Permanent Resident or Refugee	9,598	4	471	121	514	137	475	126
Citizen of Another Country	4,949	2	461	110	524	137	467	116
Other, Unknown, or No Response	11,426		435	109	460	125	434	107
Plans to Apply for Financial Aid								
Yes	171,681	80	489	108	497	116	484	106
No	10,574	5	547	113	564	120	546	117
Don't Know	32,721	15	522	117	539	126	518	120
No Response	26,577		480	128	498	136	478	128
Family Income								
\$0 - \$20,000	27,451	17	435	97	445	106	432	93
\$20,000–\$40,000	31,745	20	461	97	472	107	456	94
\$40,000–\$60,000	22,351	14	484	98	492	107	477	96
\$60,000–\$80,000	17,074	11	502	101	509	108	495	99
\$80,000–\$100,000	14,263	9	521	100	528	107	512	101
\$100,000–\$120,000	12,897	8	533	102	542	110	525	103
\$120,000–\$140,000	7,335	5	535	100	545	109	529	102
\$140,000–\$160,000	6,171	4	545	101	557	108	539	102
\$160,000–\$200,000	8,141	5	551	103	561	110	546	106
More than \$200,000	11,583	7	581	104	595	109	581	109
No Response	82,542		496	121	507	130	493	121
Highest Level of Parental Education								
No High School Diploma	35,071	16	428	90	440	99	427	85
High School Diploma	72,664	32	466	96	474	106	461	94
Associate Degree	14,883	7	486	95	490	103	477	93
Bachelor's Degree	57,929	26	532	102	543	111	526	104
Graduate Degree	44,397	20	576	111	587	118	573	115
No Response	16,609		432	109	449	118	431	105
Took the PSAT/NMSQT®								
Yes, As a Junior	66,757	30	498	109	507	117	493	108
Yes, As a Sophomore or Younger	47,895	22	504	110	516	119	499	110
Yes, As a Junior and As a Sophomore or Younger	55,584	25	536	112	547	118	534	112
No	51,404	23	457	102	463	111	449	98
No Response	19,913		455	120	474	130	454	118

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	29,803	32	44	56	578	602	576
Second Tenth	24,695	27	46	54	504	522	500
Second Fifth	18,261	20	49	51	476	487	468
Final Three Fifths	20,180	22	47	53	435	437	429
No Response	148,614		44	56	488	495	483

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)	10,398	5	40	60	590	604	590
A (93–96)	42,656	19	39	61	563	583	564
A- (90–92)	45,869	20	42	58	527	545	524
B (80–89)	104,693	47	47	53	465	470	458
C (70–79)	21,065	9	55	45	414	413	406
D, E, or F (below 70)	295	0	56	44	398	392	390
No Response	16,577		46	54	473	480	466
Mean Grade Point Average	All Students: 3.34		Male: 3.28		Female: 3.39		

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	1.8	2.0	1.9	3.73	3.84	3.79
English and Language Arts	3.9	3.9	3.9	3.31	3.50	3.42
Foreign and Classical Languages	2.7	2.8	2.8	3.31	3.51	3.42
Mathematics	3.8	3.8	3.8	3.13	3.07	3.10
Natural Sciences	3.3	3.3	3.3	3.28	3.29	3.29
Social Sciences and History	3.3	3.3	3.3	3.41	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 15: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	16,720	8	45	55	519	533	517
4 Years	160,687	79	44	56	504	513	499
3 Years	20,263	10	43	57	453	459	450
2 Years	3,047	1	48	52	469	488	470
1 Year	1,604	1	41	59	452	459	449
1/2 Year or Less	1,906	1	52	48	422	440	418
No Response	37,326		49	51	478	493	475
AP®/Honors Courses	97,780	48	39	61	545	550	540
Course Work or Experience							
English/Language Arts	186,803	97	43	57	499	507	494
Journalism	14,586	8	35	65	513	509	512
Creative Writing	24,111	13	39	61	498	497	495
American Literature	102,553	53	43	57	509	516	505
Composition/Writing	79,051	41	43	57	497	503	494
British Literature	25,586	13	43	57	542	543	535
World Literature	41,845	22	45	55	518	525	513
Communications	8,616	4	44	56	485	499	485
Public Speaking	19,377	10	42	58	510	513	507
English As Second Language	9,834	5	40	60	431	478	435
Mathematics							
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	24,795	12	49	51	533	564	531
4 Years	128,332	63	44	56	509	520	504
3 Years	42,918	21	41	59	457	451	451
2 Years	4,580	2	47	53	451	454	448
1 Year	1,492	1	47	53	459	479	456
1/2 Year or Less	2,420	1	46	54	426	427	421
No Response	37,016		49	51	478	493	476
AP/Honors Courses	81,814	40	46	54	554	585	551
Highest Level of Mathematics Achieved*							
Calculus	71,397	36	49	51	559	596	557
Pre-calculus	59,386	30	41	59	488	493	482
Geometry	65,367	33	41	59	445	429	438
Algebra II	1,600	1	45	56	443	438	439
Algebra I	568	0	46	54	378	348	372

*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	14,354	7	47	53	549	572	546
4 Years	81,522	41	45	55	527	540	523
3 Years	69,056	35	42	58	478	483	473
2 Years	23,796	12	45	55	461	464	454
1 Year	6,691	3	47	53	464	472	455
1/2 Year or Less	4,726	2	43	57	424	434	422
No Response	41,408		49	51	476	490	473
AP/Honors Courses	74,240	37	44	56	560	581	557
Course Work or Experience							
Biology	191,572	98	44	56	499	508	494
Chemistry	180,500	92	44	56	502	513	498
Physics	102,072	52	50	50	522	542	517
Geology, Earth, or Space Science	68,037	35	44	56	488	490	483
Other Sciences	68,869	35	38	62	495	499	490

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	10,858	5	45	55	536	546	533
4 Years	81,674	40	44	56	517	522	512
3 Years	80,733	40	44	56	491	504	486
2 Years	23,557	12	47	53	460	473	455
1 Year	3,013	1	45	55	460	474	457
1/2 Year or Less	2,564	1	47	53	424	439	420
No Response	39,154		49	51	477	492	474
AP/Honors Courses	86,354	43	43	57	551	560	546
Course Work or Experience							
U.S. History	190,346	97	44	56	499	508	494
World History or Cultures	163,857	84	44	56	496	505	491
U.S. Government or Civics	155,133	79	43	57	502	511	496
Economics	133,633	68	42	58	500	510	495
Geography	49,861	26	43	57	501	509	495
Psychology	55,267	28	35	65	519	522	514
European History	37,537	19	45	55	552	558	546
Sociology	12,144	6	36	64	492	491	485
Ancient History	11,554	6	49	51	522	524	516
Other Courses	13,763	7	43	57	523	527	518

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	8,275	4	40	60	552	571	556
4 Years	35,566	18	41	59	553	563	553
3 Years	78,428	39	43	57	511	522	506
2 Years	67,870	34	46	54	463	468	454
1 Year	6,396	3	47	53	435	443	429
1/2 Year or Less	5,798	3	50	50	427	445	421
No Response	39,220		49	51	477	492	475
AP/Honors Courses	43,433	21	38	62	546	560	547
Course Work or Experience							
Chinese	7,829	4	50	50	548	601	549
French	27,186	14	36	64	517	516	509
German	2,724	1	54	46	528	528	511
Greek	250	0	47	53	512	510	501
Hebrew	577	0	46	54	556	557	559
Italian	1,592	1	40	60	508	501	498
Japanese	3,938	2	49	51	540	568	530
Korean	1,125	1	47	53	520	572	533
Latin	3,584	2	50	50	567	563	557
Russian	430	0	47	53	485	496	482
Spanish	150,417	77	44	56	492	500	488
Other Languages	7,386	4	40	60	478	488	470

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

Academic Information

Course-Taking Patterns

Table 18: Arts and Music, Computers

Arts and Music*	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years		8,067	4	40	60	539	546	536
4 Years		24,198	13	37	63	537	540	534
3 Years		21,260	11	38	62	503	506	498
2 Years		46,973	24	44	56	496	504	491
1 Year		73,787	38	47	53	496	510	491
1/2 Year or Less		19,256	10	48	52	458	468	454
No Response		48,012		49	51	478	491	474
AP/Honors Courses		12,531	6	37	63	570	578	567
Course Work or Experience								
Acting or Play Production		25,879	14	34	66	526	515	519
Art History or Appreciation		36,102	19	41	59	494	498	490
Dance		27,336	14	12	88	489	489	492
Drama: Study or Appreciation		29,946	16	34	66	501	496	497
Music: Study or Appreciation		18,727	10	47	53	528	531	523
Music Performance		58,415	31	43	57	522	531	518
Photography or Film		49,858	26	42	58	499	505	496
Studio Art and Design		51,533	27	40	60	509	515	503
None		24,261	13	55	45	464	480	458

Computers†	Test-Takers		Percent by Gender		SAT Mean Scores			
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy		13,585	50	48	52	588	618	592
Computer Programming		6,524	24	65	35	609	654	615
Word Processing		12,316	45	46	54	591	619	595
Internet Activity		10,951	40	47	53	596	625	601
Using Computer Graphics		7,942	29	52	48	587	620	591
Creating Spreadsheets/Databases		6,796	25	50	50	598	631	603
None		7,545	28	40	60	562	594	570

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
50,463	123,198	46,296	593	626	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	8,201	16
2	19,770	39
3	16,553	33
4 or More	5,939	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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	13,715	579	117	12,658	596	122	587	120	596	123
History and Social Studies										
U.S. History	18,155	625	112	16,684	616	109	626	113	618	113
World History	3,105	599	111	2,784	636	103	641	107	633	106
Mathematics										
Mathematics Level 1	5,480	551	113	5,060	531	116	566	117	535	118
Mathematics Level 2	33,476	660	107	30,923	611	108	661	100	619	111
Science										
Biology-E	7,283	618	109	6,771	610	107	633	111	614	112
Biology-M	8,931	646	106	8,319	622	105	653	104	630	109
Chemistry	12,144	652	111	11,143	630	108	681	99	640	112
Physics	7,123	651	105	6,600	626	104	687	93	629	108
Foreign and Classical Languages										
Chinese/Listening	2,334	771	46	1,997	572	137	684	92	596	140
French	979	609	126	900	637	97	633	96	643	97
French/Listening	225	662	115	207	647	99	632	97	654	96
German	69	644	116	61	599	107	625	101	610	99
German/Listening	56	626	142	49	614	93	622	108	602	90
Modern Hebrew	100	628	134	76	611	106	640	95	638	97
Italian	40	702	102	39	634	96	612	92	630	93
Japanese/Listening	435	698	116	399	584	101	661	93	607	102
Korean/Listening	1,335	765	56	1,203	573	110	679	84	616	110
Latin	228	620	109	208	699	79	686	79	684	86
Spanish	6,784	660	102	6,315	524	126	534	125	530	126
Spanish/Listening	1,201	675	96	1,131	526	117	536	118	524	121

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	910	7	2,390	13	359	12
700-740	1,740	13	3,357	18	346	11
650-690	2,024	15	3,395	19	404	13
600-640	1,977	14	2,666	15	492	16
550-590	1,852	14	2,032	11	528	17
500-540	1,502	11	1,606	9	366	12
450-490	1,473	11	1,107	6	325	10
400-440	1,301	9	899	5	179	6
350-390	779	6	569	3	91	3
300-340	147	1	126	1	13	0
250-290	10	0	8	0	2	0
200-240						
Total	13,715		18,155		3,105	
Mean	579		625		599	
SD	117		112		111	
75th percentile	670		710		680	
50th percentile	590		650		600	
25th percentile	490		550		520	

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	161	3	9,507	28	852	12	1,618	18	3,017	25	1,662	23
700-740	512	9	4,371	13	1,120	15	1,794	20	2,182	18	1,112	16
650-690	645	12	5,010	15	1,304	18	1,700	19	1,858	15	1,127	16
600-640	756	14	4,831	14	1,206	17	1,325	15	1,530	13	1,054	15
550-590	739	13	4,398	13	1,018	14	938	11	1,224	10	872	12
500-540	764	14	2,786	8	707	10	673	8	941	8	646	9
450-490	796	15	1,663	5	491	7	406	5	708	6	445	6
400-440	570	10	666	2	347	5	243	3	546	4	184	3
350-390	430	8	169	1	172	2	182	2	133	1	20	0
300-340	101	2	75	0	62	1	50	1	5	0	1	0
250-290	6	0			4	0	2	0				
200-240												
Total	5,480		33,476		7,283		8,931		12,144		7,123	
Mean	551		660		618		646		652		651	
SD	113		107		109		106		111		105	
75th percentile	640		760		700		730		740		740	
50th percentile	550		670		630		670		670		660	
25th percentile	460		580		550		580		570		570	

SAT Subject Tests Score Distributions

Table 23: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1,938	83	189	19	69	31	18	26	17	30	30	30
700-740	226	10	111	11	35	16	9	13	4	7	8	8
650-690	97	4	102	10	31	14	10	14	7	13	9	9
600-640	47	2	117	12	25	11	9	13	7	13	9	9
550-590	12	1	117	12	21	9	7	10	3	5	13	13
500-540	8	0	137	14	20	9	7	10	2	4	14	14
450-490	3	0	99	10	16	7	5	7	7	13	10	10
400-440	2	0	72	7	4	2	3	4	7	13	1	1
350-390	1	0	28	3	4	2	1	1	1	2	4	4
300-340			7	1					1	2	2	2
250-290												
200-240												
Total	2,334		979		225		69		56		100	
Mean	771		609		662		644		626		628	
SD	46		126		115		116		142		134	
75th percentile	800		720		760		740		760		750	
50th percentile	790		600		680		650		640		620	
25th percentile	760		510		570		550		480		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	17	43	216	50	1,074	80	29	13	1,618	24	354	29
700-740	10	25	73	17	135	10	45	20	1,407	21	242	20
650-690	6	15	42	10	61	5	29	13	1,204	18	182	15
600-640	2	5	24	6	31	2	29	13	896	13	170	14
550-590	2	5	21	5	14	1	35	15	648	10	125	10
500-540	1	3	22	5	9	1	28	12	446	7	65	5
450-490	1	3	16	4	10	1	22	10	317	5	34	3
400-440			12	3	1	0	9	4	161	2	18	1
350-390			5	1			1	0	65	1	8	1
300-340	1	3	2	0			1	0	18	0	3	0
250-290									4	0		
200-240			2	0								
Total	40		435		1,335		228		6,784		1,201	
Mean	702		698		765		620		660		675	
SD	102		116		56		109		102		96	
75th percentile	770		790		800		710		740		750	
50th percentile	740		740		790		620		680		690	
25th percentile	660		650		760		530		600		610	

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	2,078	1	474	474	469
Architecture and Related Services	2,724	1	476	509	475
Area, Ethnic, Cultural and Gender Studies	314	0	518	495	513
Biological and Biomedical Sciences	19,015	9	533	546	530
Business Management, Marketing, and Related Support Services	22,630	11	494	514	492
Communication, Journalism and Related Programs	4,942	2	515	494	515
Computer and Information Sciences and Support Services	7,230	3	537	568	520
Construction Trades	70	0	427	447	410
Education	6,102	3	473	473	473
Engineering	20,843	10	522	569	512
Engineering Technologies/Technicians	3,453	2	480	521	469
English Language and Literature/Letters	2,774	1	561	511	550
Family and Consumer Sciences/Human Sciences	578	0	450	451	457
Foreign Languages, Literatures, and Linguistics	1,190	1	532	513	521
Health Professions and Related Clinical Services	36,803	18	476	484	477
History	1,928	1	524	493	499
Legal Professions and Studies	4,543	2	512	503	505
Liberal Arts and Sciences, General Studies, and Humanities	1,431	1	542	516	534
Library Science And Administration	27	0	534	479	495
Mathematics and Statistics	1,826	1	528	599	528
Mechanic and Repair Technologies/Technician	487	0	411	439	401
Military Technologies And Applied Sciences	880	0	489	498	470
Multi/Interdisciplinary Studies	1,575	1	575	579	567
Natural Resources and Conservation	1,017	0	536	524	523
Parks, Recreation, Leisure and Fitness Studies	1,176	1	439	459	440
Personal and Culinary Services	604	0	441	437	433
Philosophy and Religious Studies	415	0	542	525	527
Physical Sciences	3,228	2	546	572	533
Precision Production	3	0			
Psychology	12,026	6	487	473	483
Public Administration and Social Services Professions	1,089	1	444	436	446
Security and Protective Services	7,951	4	435	436	432
Social Sciences	3,954	2	534	517	525
Theology and Religious Vocations	222	0	522	505	502
Transportation and Materials Moving	88	0	463	462	431
Visual and Performing Arts	14,776	7	496	486	491
Other	2,936	1	444	450	444
Undecided	16,019	8	529	543	524
Degree-Level Goal					
Certificate Program	1,892	1	447	459	444
Associate Degree	2,030	1	403	401	402
Bachelor's Degree	62,946	29	476	482	470
Master's Degree	72,434	33	500	512	496
Doctoral or Related Degree	47,713	22	526	538	524
Other	1,205	1	412	427	416
Undecided	30,257	14	501	511	495

College Plans

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

Of the 245,720 students from your state who took the SAT and/or an SAT Subject Test, 190,122 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 2,861 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
California State University Mentor	CA	Public	59,470	31.3
University of California: Los Angeles	CA	Public	33,094	17.4
University of California: Irvine	CA	Public	28,532	15.0
University of California: Berkeley	CA	Public	25,945	13.6
San Diego State University	CA	Public	25,217	13.3
University of California: Davis	CA	Public	24,909	13.1
California State University: Long Beach	CA	Public	24,561	12.9
University of Southern California	CA	Private	22,972	12.1
University of California: Santa Barbara	CA	Public	22,795	12.0
University of California: San Diego	CA	Public	22,658	11.9
California State University: Fullerton	CA	Public	19,499	10.3
California Polytechnic State Univ San Luis Obispo	CA	Public	18,410	9.7
San Francisco State University	CA	Public	16,856	8.9
University of California: Santa Cruz	CA	Public	16,806	8.8
University of California: Riverside	CA	Public	16,208	8.5
Stanford University	CA	Private	16,118	8.5
California State Polytechnic University: Pomona	CA	Public	15,129	8.0
California State University: Northridge	CA	Public	14,808	7.8
San Jose State University	CA	Public	13,975	7.4
California State University: Los Angeles	CA	Public	13,162	6.9
California State University: Sacramento	CA	Public	12,166	6.4
California State University: Chico	CA	Public	10,519	5.5
California State University: Fresno	CA	Public	9,541	5.0
University of San Diego	CA	Private	9,520	5.0
NCAA Eligibility Center	IN	Public	8,235	4.3
California State University: Monterey Bay	CA	Public	8,134	4.3
University of Washington	WA	Public	8,107	4.3
New York University	NY	Private	7,901	4.2
Santa Clara University	CA	Private	7,751	4.1
University of California: Merced	CA	Public	7,589	4.0
University of Oregon	OR	Public	7,482	3.9
University of the Pacific	CA	Private	7,302	3.8
Loyola Marymount University	CA	Private	7,132	3.8
Chapman University	CA	Private	7,113	3.7
California State University: San Marcos	CA	Public	7,036	3.7
California State University: East Bay	CA	Public	6,950	3.7
University of San Francisco	CA	Private	6,785	3.6
California State University: San Bernardino	CA	Public	6,619	3.5
California State University: Dominguez Hills	CA	Public	6,555	3.4
Sonoma State University	CA	Public	6,524	3.4
Boston University	MA	Private	6,395	3.4
Arizona State University	AZ	Public	6,207	3.3
Harvard College	MA	Private	6,196	3.3
Cornell University	NY	Private	5,648	3.0
Pepperdine University	CA	Private	5,585	2.9

*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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