



2011 College-Bound Seniors

State Profile Report

WASHINGTON

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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 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.
- 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.
- 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 Web site 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.

The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2011

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

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 2000–2011, 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 <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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	38,972	523	107	529	104	508	105	50.6	10.7	7.6	1.4

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	17,964	525	108	547	105	501	105	50.1	10.7	7.4	1.5
Female	21,008	521	106	513	100	515	103	50.9	10.7	7.7	1.3

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 (2010-2011)	25,538	511	104	517	101	495	101	49.1	10.3	7.4	1.4
Junior (2009-2010)	13,338	545	108	551	105	534	107	53.2	10.9	7.8	1.4
Sophomore (2008-2009)	90	612	116	639	98	598	114	59.6	11.7	8.3	1.3
Freshman (2007-2008)	6	478		575		490		49.3		6.8	
Total	38,972	523	107	529	104	508	105	50.6	10.7	7.6	1.4

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	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 2011 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	600	600	580	570	600	560
50th	520	530	500	490	510	480
25th	450	460	440	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	1,071	1,182	2,253	1,433	778	2,211	670	995	1,665
600-690	3,688	3,886	7,574	4,601	3,668	8,269	2,724	3,623	6,347
500-590	6,041	7,221	13,262	6,270	7,314	13,584	5,624	7,073	12,697
400-490	5,142	6,359	11,501	4,364	6,952	11,316	6,098	6,849	12,947
300-390	1,717	2,046	3,763	1,107	1,960	3,067	2,503	2,170	4,673
200-290	305	314	619	189	336	525	345	298	643

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	33,085	90	46	54	521	527	505
Religiously Affiliated	2,834	8	48	52	552	553	547
Independent	840	2	53	47	617	615	611
Other or Unknown	2,213		49	51	481	488	464

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	1,875	5	507	110	503	106	484	102
Nonstandard Conditions	367	1	519	118	527	116	512	109

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	514	1	483	97	483	96	460	92
Asian, Asian American, or Pacific Islander	5,463	14	508	116	561	116	507	117
Black or African American	1,831	5	454	103	448	100	437	95
Mexican or Mexican American	1,974	5	450	97	459	95	440	91
Puerto Rican	116	0	499	98	475	101	474	97
Other Hispanic, Latino, or Latin American	1,105	3	463	111	466	105	456	106
White	25,614	66	540	99	538	95	522	98
Other	1,307	3	529	112	525	109	516	109
No Response	1,048	3	516	114	504	109	491	109
Total	38,972	100	523	107	529	104	508	105

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	216	1	485	105	504	103	450	91
Asian, Asian American, or Pacific Islander	2,596	7	509	116	576	116	499	118
Black or African American	874	2	450	105	458	103	427	94
Mexican or Mexican American	857	2	454	97	478	94	435	91
Puerto Rican	42	0	500	107	482	111	467	83
Other Hispanic, Latino, or Latin American	427	1	470	116	490	108	454	107
White	11,894	31	543	100	557	96	515	98
Other	522	1	531	118	545	115	513	115
No Response	536	1	510	114	512	113	474	107
Total	17,964	46	525	108	547	105	501	105

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	298	1	481	91	468	88	467	91
Asian, Asian American, or Pacific Islander	2,867	7	507	116	548	114	513	116
Black or African American	957	2	458	101	438	96	447	95
Mexican or Mexican American	1,117	3	446	97	445	92	445	91
Puerto Rican	74	0	498	92	471	94	478	103
Other Hispanic, Latino, or Latin American	678	2	458	108	452	100	457	105
White	13,720	35	537	98	522	91	529	96
Other	785	2	527	108	513	104	518	105
No Response	512	1	522	114	495	105	510	109
Total	21,008	54	521	106	513	100	515	103

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	38,972	100	523	107	529	104	508	105
First Language Learned								
English	30,657	80	534	101	532	98	516	100
English and Another	3,977	10	496	113	515	118	489	113
Another Language	3,722	10	462	117	520	127	468	118
No Response	616		513	125	509	120	492	119
Citizenship								
U.S. Citizen / U.S. National	35,559	95	528	104	530	101	512	102
U.S. Permanent Resident or Refugee	1,107	3	471	129	527	132	477	130
Citizen of Another Country	724	2	450	115	559	128	470	119
Other, Unknown, or No Response	1,582		470	114	487	116	455	108
Plans to Apply for Financial Aid								
Yes	25,800	74	520	106	524	103	505	103
No	2,574	7	537	102	550	101	528	102
Don't Know	6,673	19	529	106	540	102	516	104
No Response	3,925		519	116	527	114	503	114
Family Income								
\$0 - \$20,000	2,107	9	451	108	470	109	442	103
\$20,000–\$40,000	3,302	13	486	104	493	101	470	98
\$40,000–\$60,000	3,491	14	509	100	516	98	493	94
\$60,000–\$80,000	3,784	15	521	96	525	93	504	95
\$80,000–\$100,000	3,551	14	533	98	539	94	514	96
\$100,000–\$120,000	3,066	12	542	99	550	98	527	99
\$120,000–\$140,000	1,554	6	548	99	554	96	535	98
\$140,000–\$160,000	1,097	4	546	99	555	94	538	98
\$160,000–\$200,000	1,173	5	555	99	559	96	540	98
More than \$200,000	1,551	6	571	100	577	96	561	100
No Response	14,296		526	111	531	108	513	108
Highest Level of Parental Education								
No High School Diploma	1,801	5	420	91	446	97	415	86
High School Diploma	10,571	28	490	94	496	94	473	90
Associate Degree	3,691	10	503	93	505	91	485	88
Bachelor's Degree	12,349	33	541	99	548	96	527	96
Graduate Degree	8,706	23	576	105	577	102	562	105
No Response	1,854		476	116	491	114	462	112
Took the PSAT/NMSQT®								
Yes, As a Junior	14,102	38	530	103	538	100	518	101
Yes, As a Sophomore or Younger	5,238	14	526	100	531	98	511	97
Yes, As a Junior and As a Sophomore or Younger	7,007	19	569	108	573	103	558	107
No	10,399	28	486	98	490	95	466	92
No Response	2,226		497	116	504	113	479	111

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	5,439	38	44	56	587	605	579
Second Tenth	4,118	29	48	52	521	539	509
Second Fifth	2,334	16	51	49	498	510	483
Final Three Fifths	2,332	16	54	46	462	464	444
No Response	24,749		45	55	517	519	501

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)	2,447	7	38	62	607	619	602
A (93–96)	8,029	22	38	62	569	585	562
A- (90–92)	7,937	22	43	57	537	547	525
B (80–89)	15,055	41	50	50	493	496	476
C (70–79)	3,085	8	59	41	457	451	431
D, E, or F (below 70)	102	0	61	39	478	468	446
No Response	2,317		51	49	503	497	479
Mean Grade Point Average	All Students: 3.41		Male: 3.32		Female: 3.48		

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	2.1	2.4	2.3	3.76	3.88	3.83
English and Language Arts	3.9	3.9	3.9	3.40	3.63	3.53
Foreign and Classical Languages	2.5	2.7	2.6	3.31	3.56	3.44
Mathematics	3.9	3.9	3.9	3.23	3.21	3.22
Natural Sciences	3.4	3.4	3.4	3.33	3.39	3.36
Social Sciences and History	3.5	3.5	3.5	3.45	3.55	3.50
Total for All Subjects	19.3	19.8	19.6			

Academic Information

Course-Taking Patterns

Table 16: 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	3,845	11	43	57	534	542	523
4 Years	24,491	73	46	54	531	536	516
3 Years	3,938	12	44	56	491	499	478
2 Years	693	2	47	53	492	502	481
1 Year	303	1	44	56	471	475	455
1/2 Year or Less	254	1	48	52	453	465	436
No Response	5,448		52	48	512	518	496
AP®/Honors Courses	14,921	45	39	61	568	566	555
Course Work or Experience							
English/Language Arts	30,532	97	44	56	524	530	510
Journalism	3,366	11	34	66	530	520	519
Creative Writing	8,610	27	40	60	520	518	507
American Literature	19,583	62	44	56	528	533	514
Composition/Writing	17,612	56	42	58	528	530	515
British Literature	4,531	14	42	58	553	545	537
World Literature	9,851	31	46	54	536	537	523
Communications	3,409	11	43	57	510	514	496
Public Speaking	5,871	19	42	58	529	527	516
English As Second Language	1,967	6	43	57	438	501	444

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	6,810	20	48	52	554	580	543
4 Years	19,390	58	45	55	524	530	510
3 Years	5,978	18	43	57	501	491	483
2 Years	846	3	46	54	494	482	474
1 Year	226	1	46	54	463	474	448
1/2 Year or Less	303	1	45	55	452	451	437
No Response	5,419		51	49	512	518	496
AP/Honors Courses	11,709	35	47	53	577	600	565
Highest Level of Mathematics Achieved*							
Calculus	9,281	28	50	50	579	610	568
Pre-calculus	10,970	33	44	56	529	538	515
Trigonometry	3,350	10	43	57	493	484	478
Algebra II	6,888	21	42	58	478	464	462
Algebra I	1,366	4	42	58	441	414	422

*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	3,175	10	47	53	555	578	544	
4 Years	13,696	41	45	55	547	556	534	
3 Years	10,365	31	43	57	507	508	492	
2 Years	4,156	13	46	54	492	491	473	
1 Year	996	3	47	53	493	492	472	
1/2 Year or Less	626	2	47	53	458	465	442	
No Response	5,958		51	49	511	517	494	
AP/Honors Courses	9,464	29	45	55	581	594	569	
Course Work or Experience								
Biology	29,939	94	44	56	524	530	511	
Chemistry	25,669	81	44	56	533	542	520	
Physics	13,241	42	51	49	549	566	536	
Geology, Earth, or Space Science	14,015	44	44	56	516	519	501	
Other Sciences	13,672	43	40	60	518	521	504	

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	2,581	8	46	54	544	552	533	
4 Years	15,792	47	45	55	536	538	523	
3 Years	11,206	34	45	55	516	526	501	
2 Years	2,750	8	47	53	494	504	477	
1 Year	517	2	45	55	481	497	469	
1/2 Year or Less	403	1	47	53	454	469	439	
No Response	5,723		51	49	511	517	495	
AP/Honors Courses	11,725	35	42	58	576	576	562	
Course Work or Experience								
U.S. History	30,049	95	45	55	524	530	510	
World History or Cultures	26,067	82	44	56	528	533	514	
U.S. Government or Civics	17,289	55	45	55	524	528	508	
Economics	5,637	18	47	53	520	526	502	
Geography	8,847	28	44	56	516	523	503	
Psychology	6,989	22	35	65	534	530	518	
European History	7,771	25	45	55	552	551	538	
Sociology	2,546	8	38	62	521	517	502	
Ancient History	5,789	18	47	53	541	540	525	
Other Courses	7,863	25	41	59	525	530	510	

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	1,756	5	36	64	566	579	562
4 Years	4,992	15	40	60	581	583	574
3 Years	9,939	30	43	57	543	550	531
2 Years	13,867	42	48	52	499	505	481
1 Year	1,459	4	49	51	476	480	456
1/2 Year or Less	1,330	4	54	46	445	459	427
No Response	5,629		52	48	510	516	494
AP/Honors Courses	3,982	12	39	61	598	603	592
Course Work or Experience							
Chinese	658	2	46	54	538	598	533
French	5,415	17	32	68	546	540	532
German	1,772	6	57	43	547	542	520
Greek	93	0	44	56	550	536	534
Hebrew	55	0	53	47	543	553	547
Italian	110	0	44	56	553	550	542
Japanese	2,127	7	52	48	547	559	523
Korean	107	0	49	51	483	561	488
Latin	544	2	50	50	580	563	561
Russian	138	0	50	50	524	517	509
Spanish	21,138	66	45	55	521	527	508
Other Languages	1,818	6	34	66	483	489	468

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	2,815	9	41	59	551	551	536	
4 Years	5,227	16	39	61	555	551	543	
3 Years	4,361	13	39	61	522	522	510	
2 Years	8,322	25	45	55	518	525	505	
1 Year	9,856	30	51	49	518	531	501	
1/2 Year or Less	2,499	8	52	48	486	499	471	
No Response	5,892		52	48	511	518	496	
AP/Honors Courses	1,954	6	34	66	577	574	568	
Course Work or Experience								
Acting or Play Production	5,634	18	34	66	561	542	544	
Art History or Appreciation	4,692	15	41	59	525	523	512	
Dance	3,622	12	14	86	526	518	520	
Drama: Study or Appreciation	4,764	15	34	66	540	525	525	
Music: Study or Appreciation	4,017	13	47	53	559	550	545	
Music Performance	13,946	45	43	57	546	549	533	
Photography or Film	10,339	33	39	61	524	525	511	
Studio Art and Design	9,139	29	37	63	530	533	518	
None	3,602	12	58	42	481	500	464	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	19,436	64	45	55	529	533	513
Computer Programming	4,702	15	60	40	521	541	505
Word Processing	19,161	63	44	56	529	532	513
Internet Activity	14,145	46	44	56	531	534	516
Using Computer Graphics	10,910	36	50	50	526	534	511
Creating Spreadsheets/Databases	10,333	34	45	55	530	537	515
None	4,618	15	38	62	516	523	507

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
4,035	10,297	3,928	644	660	641

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	281	7
2	1,807	45
3	1,536	38
4 or More	411	10

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	1,709	631	94	1,664	662	89	641	81	654	86	
History and Social Studies											
U.S. History	1,558	650	94	1,515	663	82	656	79	655	82	
World History	255	642	101	250	678	82	668	85	667	83	
Mathematics											
Mathematics Level 1	776	623	93	744	606	102	635	84	610	96	
Mathematics Level 2	2,685	679	87	2,637	651	93	686	70	651	87	
Science											
Biology-E	364	630	92	355	638	94	649	82	633	92	
Biology-M	608	654	87	593	653	87	671	74	653	84	
Chemistry	914	646	99	896	652	96	694	74	651	91	
Physics	545	673	91	533	652	103	713	67	650	95	
Foreign and Classical Languages											
Chinese/Listening	65	763	64	64	554	118	675	83	567	120	
French	174	597	111	171	663	85	655	73	673	88	
French/Listening	31	590	117	31	647	76	615	73	648	88	
German	8	541		8	650		610		620		
German/Listening	14	621		14	649		644		635		
Modern Hebrew	5	704		5	662		694		660		
Italian	9	696		8	651		618		613		
Japanese/Listening	55	650	111	55	625	95	657	71	637	82	
Korean/Listening	79	775	47	78	570	100	704	57	630	93	
Latin	37	635	105	37	696	78	687	59	694	70	
Spanish	338	596	115	329	644	92	642	79	654	88	
Spanish/Listening	68	612	114	66	654	86	630	83	651	85	

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	181	11	240	15	44	17
700-740	334	20	354	23	40	16
650-690	316	18	276	18	50	20
600-640	300	18	276	18	41	16
550-590	249	15	187	12	30	12
500-540	174	10	121	8	22	9
450-490	88	5	62	4	18	7
400-440	49	3	30	2	10	4
350-390	14	1	10	1		
300-340	4	0	2	0		
250-290						
200-240						
Total	1,709		1,558		255	
Mean	631		650		642	
SD	94		94		101	
75th percentile	700		720		720	
50th percentile	640		660		650	
25th percentile	570		590		570	

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	54	7	756	28	36	10	99	16	168	18	137	25
700-740	134	17	456	17	75	21	108	18	155	17	106	19
650-690	169	22	482	18	56	15	148	24	167	18	118	22
600-640	146	19	519	19	75	21	111	18	134	15	83	15
550-590	118	15	312	12	58	16	80	13	129	14	45	8
500-540	79	10	117	4	34	9	37	6	95	10	34	6
450-490	41	5	33	1	17	5	13	2	41	4	14	3
400-440	22	3	6	0	10	3	5	1	21	2	8	1
350-390	10	1	3	0	3	1	6	1	4	0		
300-340	2	0	1	0			1	0				
250-290	1	0										
200-240												
Total	776		2,685		364		608		914		545	
Mean	623		679		630		654		646		673	
SD	93		87		92		87		99		91	
75th percentile	690		750		700		720		730		740	
50th percentile	630		680		630		660		650		680	
25th percentile	560		620		570		600		570		620	

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	50	77	17	10	4	13			3	21	3	60
700-740	5	8	19	11	1	3			3	21		
650-690	7	11	25	14	7	23	2	25				
600-640			27	16	2	6			2	14	1	20
550-590	2	3	26	15	6	19	1	13	2	14		
500-540			29	17	4	13	3	38	1	7		
450-490	1	2	16	9	3	10	1	13	2	14	1	20
400-440			10	6	2	6	1	13				
350-390			4	2	2	6			1	7		
300-340			1	1								
250-290												
200-240												
Total	65		174		31		8		14		5	
Mean	763		597		590		541		621		704	
SD	64		111		117							
75th percentile	800		680		660							
50th percentile	790		600		560							
25th percentile	750		520		480							

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	4	44	15	27	69	87	7	19	28	8	9	13
700-740	1	11	6	11	3	4	8	22	56	17	10	15
650-690	1	11	10	18	5	6	2	5	43	13	12	18
600-640	2	22	8	15	1	1	3	8	54	16	10	15
550-590			4	7	1	1	10	27	41	12	6	9
500-540			6	11			5	14	46	14	7	10
450-490	1	11	3	5			1	3	30	9	9	13
400-440			2	4			1	3	26	8	3	4
350-390			1	2					10	3	1	1
300-340									3	1	1	1
250-290												
200-240									1	0		
Total	9		55		79		37		338		68	
Mean	696		650		775		635		596		612	
SD			111		47		105		115		114	
75th percentile			750		800		710		690		700	
50th percentile			670		800		610		610		630	
25th percentile			550		770		550		510		510	

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	276	1	494	484	477
Architecture and Related Services	649	2	513	544	502
Area, Ethnic, Cultural and Gender Studies	54	0	588	533	560
Biological and Biomedical Sciences	1,942	6	560	568	547
Business Management, Marketing, and Related Support Services	3,606	11	504	526	496
Communication, Journalism and Related Programs	991	3	541	514	532
Computer and Information Sciences and Support Services	743	2	552	575	519
Construction Trades	54	0	458	481	432
Education	1,840	6	508	506	497
Engineering	2,903	9	552	594	529
Engineering Technologies/Technicians	467	1	499	545	475
English Language and Literature/Letters	568	2	590	533	564
Family and Consumer Sciences/Human Sciences	139	0	480	479	473
Foreign Languages, Literatures, and Linguistics	386	1	577	539	556
Health Professions and Related Clinical Services	6,309	19	506	519	500
History	390	1	555	523	519
Legal Professions and Studies	797	2	539	530	521
Liberal Arts and Sciences, General Studies, and Humanities	354	1	584	543	564
Library Science And Administration	23	0	613	514	521
Mathematics and Statistics	366	1	548	618	538
Mechanic and Repair Technologies/Technician	100	0	465	492	435
Military Technologies And Applied Sciences	64	0	485	471	447
Multi/Interdisciplinary Studies	37	0	596	579	569
Natural Resources and Conservation	265	1	537	521	511
Parks, Recreation, Leisure and Fitness Studies	248	1	461	479	452
Personal and Culinary Services	147	0	488	480	471
Philosophy and Religious Studies	126	0	566	532	529
Physical Sciences	573	2	576	592	553
Precision Production	2	0			
Psychology	1,624	5	527	507	512
Public Administration and Social Services Professions	111	0	479	471	462
Security and Protective Services	634	2	475	482	455
Social Sciences	555	2	581	552	563
Theology and Religious Vocations	105	0	542	528	511
Transportation and Materials Moving	21	0	490	480	456
Visual and Performing Arts	2,612	8	537	519	524
Other	579	2	479	484	463
Undecided	2,462	7	551	559	537
Degree-Level Goal					
Certificate Program	367	1	456	470	436
Associate Degree	591	2	438	439	426
Bachelor's Degree	11,953	33	503	509	488
Master's Degree	10,126	28	534	541	520
Doctoral or Related Degree	6,652	19	554	563	542
Other	179	1	456	460	441
Undecided	5,862	16	529	531	512

College Plans

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

Of the 39,079 students from your state who took the SAT and/or an SAT Subject Test, 28,302 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 1,705 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF WASHINGTON	WA	Public	13,054	46.1
WASHINGTON STATE UNIVERSITY	WA	Public	10,490	37.1
WESTERN WASHINGTON UNIVERSITY	WA	Public	8,671	30.6
CENTRAL WASHINGTON UNIVERSITY	WA	Public	4,904	17.3
EASTERN WASHINGTON UNIVERSITY	WA	Public	4,116	14.5
GONZAGA UNIVERSITY	WA	Private	2,863	10.1
SEATTLE UNIVERSITY	WA	Private	2,818	10.0
SEATTLE PACIFIC UNIVERSITY	WA	Private	2,468	8.7
UNIVERSITY OF OREGON	OR	Public	2,451	8.7
UNIVERSITY OF PORTLAND	OR	Private	2,096	7.4
OREGON STATE UNIVERSITY	OR	Public	1,925	6.8
PACIFIC LUTHERAN UNIVERSITY	WA	Private	1,806	6.4
UNIVERSITY OF WASHINGTON BOTHELL	WA	Public	1,697	6.0
NCAA ELIGIBILITY CENTER	IN	Public	1,634	5.8
STANFORD UNIVERSITY	CA	Private	1,576	5.6
WHITWORTH UNIVERSITY	WA	Private	1,423	5.0
UNIVERSITY OF IDAHO	ID	Public	1,421	5.0
UNIVERSITY OF PUGET SOUND	WA	Private	1,158	4.1
MONTANA STATE UNIVERSITY	MT	Public	1,057	3.7
SANTA CLARA UNIVERSITY	CA	Private	1,056	3.7
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	1,054	3.7
UNIVERSITY OF WASHINGTON TACOMA	WA	Public	1,024	3.6
WHITMAN COLLEGE	WA	Private	1,000	3.5
WILLAMETTE UNIVERSITY	OR	Private	961	3.4
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	961	3.4
BOISE STATE UNIVERSITY	ID	Public	935	3.3
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	843	3.0
ARIZONA STATE UNIVERSITY	AZ	Public	796	2.8
EVERGREEN STATE COLLEGE	WA	Public	736	2.6
PORTLAND STATE UNIVERSITY	OR	Public	692	2.4
UNIVERSITY OF MONTANA	MT	Public	667	2.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	661	2.3
NEW YORK UNIVERSITY	NY	Private	658	2.3
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	601	2.1
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	579	2.0
CORNELL UNIVERSITY	NY	Private	571	2.0
UNIVERSITY OF SAN DIEGO	CA	Private	570	2.0
YALE UNIVERSITY	CT	Private	568	2.0
BROWN UNIVERSITY	RI	Private	548	1.9
UNIVERSITY OF COLORADO BOULDER	CO	Public	543	1.9
NORTHWESTERN UNIVERSITY	IL	Private	524	1.9
UNIVERSITY OF ARIZONA	AZ	Public	509	1.8
PRINCETON UNIVERSITY	NJ	Private	497	1.8
BOSTON UNIVERSITY	MA	Private	494	1.7
LEWIS AND CLARK COLLEGE	OR	Private	493	1.7

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

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