



2011 College-Bound Seniors

State Profile Report

ALASKA

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	3,866	515	108	511	105	487	101	49.2	10.3	7.1	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	1,752	519	106	530	104	479	99	48.7	10.1	6.8	1.6
Female	2,114	511	111	495	103	493	102	49.5	10.5	7.3	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 (2010-2011)	3,077	504	105	501	101	477	97	48.1	10.0	7.0	1.5
Junior (2009-2010)	780	557	112	548	107	525	106	53.2	10.6	7.4	1.6
Sophomore (2008-2009)	7	540		621		463		50.4		4.9	
Freshman (2007-2008)	2										
Total	3,866	515	108	511	105	487	101	49.2	10.3	7.1	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	1,647,123	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	590	580	550	570	600	560
50th	510	510	480	490	510	480
25th	440	440	410	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	85	114	199	101	60	161	39	73	112
600–690	334	348	682	384	290	674	187	267	454
500–590	578	696	1,274	609	667	1,276	504	669	1,173
400–490	546	649	1,195	493	782	1,275	666	744	1,410
300–390	186	257	443	144	271	415	316	332	648
200–290	23	50	73	21	44	65	40	29	69

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	3,303	93	44	56	516	514	488
Religiously Affiliated	164	5	51	49	538	530	518
Independent	87	2	70	30	448	435	411
Other or Unknown	312		48	52	505	483	473

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	176	5	498	116	474	112	457	101
Nonstandard Conditions	21	1	474		445		457	

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	363	9	447	100	459	97	428	88
Asian, Asian American, or Pacific Islander	371	10	463	108	505	112	450	97
Black or African American	168	4	456	94	447	99	432	85
Mexican or Mexican American	75	2	484	99	500	101	455	83
Puerto Rican	13	0	482		454		461	
Other Hispanic, Latino, or Latin American	85	2	480	96	480	91	451	94
White	2,550	66	537	102	526	101	506	98
Other	109	3	528	109	507	104	497	104
No Response	132	3	523	112	486	102	481	101
Total	3,866	100	515	108	511	105	487	101

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	146	4	454	93	477	100	427	84
Asian, Asian American, or Pacific Islander	152	4	472	104	526	112	442	96
Black or African American	75	2	463	94	472	101	432	78
Mexican or Mexican American	38	1	496	96	528	104	450	83
Puerto Rican	7	0	493		469		460	
Other Hispanic, Latino, or Latin American	44	1	477	92	494	93	443	95
White	1,173	30	537	102	544	100	494	97
Other	54	1	537	111	528	99	499	108
No Response	63	2	524	101	505	95	477	103
Total	1,752	45	519	106	530	104	479	99

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	217	6	443	105	446	93	429	91
Asian, Asian American, or Pacific Islander	219	6	456	110	490	109	456	98
Black or African American	93	2	450	93	428	93	432	90
Mexican or Mexican American	37	1	471	101	471	89	459	84
Puerto Rican	6	0	468		437		462	
Other Hispanic, Latino, or Latin American	41	1	484	100	466	87	459	93
White	1,377	36	536	103	511	99	516	98
Other	55	1	519	106	486	105	495	101
No Response	69	2	522	121	468	105	483	99
Total	2,114	55	511	111	495	103	493	102

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	3,866	100	515	108	511	105	487	101
First Language Learned								
English	3,275	87	522	107	515	104	492	100
English and Another	319	8	481	100	490	102	464	96
Another Language	192	5	445	114	487	115	432	108
No Response	80		512	114	492	111	478	112
Citizenship								
U.S. Citizen / U.S. National	3,592	98	518	107	513	104	489	101
U.S. Permanent Resident or Refugee	52	1	461	140	498	115	453	124
Citizen of Another Country	29	1	408	89	509	129	408	90
Other, Unknown, or No Response	193		489	110	474	99	462	96
Plans to Apply for Financial Aid								
Yes	2,545	73	516	107	514	104	490	100
No	219	6	518	105	510	101	483	104
Don't Know	705	20	507	112	506	107	478	103
No Response	397		517	111	500	105	484	104
Family Income								
\$0 - \$20,000	132	5	439	102	441	85	415	87
\$20,000–\$40,000	239	10	478	104	478	96	451	95
\$40,000–\$60,000	341	14	504	104	499	100	476	94
\$60,000–\$80,000	405	17	514	106	510	103	484	99
\$80,000–\$100,000	372	15	515	103	515	96	490	95
\$100,000–\$120,000	358	15	523	97	525	91	495	95
\$120,000–\$140,000	182	8	520	96	515	104	497	90
\$140,000–\$160,000	115	5	534	93	534	97	511	92
\$160,000–\$200,000	133	6	538	108	538	103	506	104
More than \$200,000	134	6	547	106	547	109	525	113
No Response	1,455		520	113	513	110	491	104
Highest Level of Parental Education								
No High School Diploma	73	2	428	92	445	90	413	78
High School Diploma	1,145	32	480	97	479	94	453	89
Associate Degree	392	11	497	98	497	95	466	89
Bachelor's Degree	1,201	33	530	101	528	101	502	94
Graduate Degree	802	22	571	107	558	104	541	104
No Response	253		470	116	469	106	447	105
Took the PSAT/NMSQT®								
Yes, As a Junior	1,086	30	530	106	528	100	504	98
Yes, As a Sophomore or Younger	592	16	518	100	522	91	495	92
Yes, As a Junior and As a Sophomore or Younger	504	14	580	108	579	109	555	106
No	1,434	40	481	99	474	94	449	87
No Response	250		500	114	483	106	469	104

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	830	39	41	59	581	588	557
Second Tenth	587	27	43	57	518	521	495
Second Fifth	381	18	49	51	496	498	470
Final Three Fifths	352	16	53	47	455	458	429
No Response	1,716		46	54	498	483	465

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)	301	8	41	59	598	597	575
A (93–96)	791	22	39	61	563	564	537
A- (90–92)	649	18	39	61	529	531	502
B (80–89)	1,456	41	47	53	486	480	459
C (70–79)	375	10	61	39	453	446	419
D, E, or F (below 70)	19	1	63	37	428	457	409
No Response	275		49	51	489	470	454
Mean Grade Point Average	All Students: 3.39		Male: 3.29		Female: 3.47		

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	1.7	2.3	2.0	3.65	3.84	3.76
English and Language Arts	3.8	3.9	3.8	3.30	3.58	3.45
Foreign and Classical Languages	2.1	2.4	2.2	3.27	3.52	3.41
Mathematics	3.7	3.6	3.6	3.11	3.10	3.11
Natural Sciences	3.3	3.3	3.3	3.26	3.31	3.29
Social Sciences and History	3.5	3.5	3.5	3.42	3.52	3.47
Total for All Subjects	18.1	19.0	18.4			

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	305	9	45	55	538	530	513
4 Years	2,488	75	44	56	520	519	493
3 Years	355	11	44	56	493	487	466
2 Years	73	2	52	48	457	463	444
1 Year	44	1	61	39	453	452	417
1/2 Year or Less	44	1	59	41	461	471	431
No Response	557		48	52	506	493	473
AP®/Honors Courses	1,189	36	38	62	575	568	548
Course Work or Experience							
English/Language Arts	3,069	97	44	56	516	515	490
Journalism	417	13	35	65	507	494	483
Creative Writing	1,040	33	42	58	514	504	489
American Literature	1,967	62	44	56	519	516	492
Composition/Writing	1,884	59	44	56	519	513	493
British Literature	712	22	40	60	530	516	499
World Literature	1,203	38	44	56	528	518	498
Communications	298	9	44	56	503	487	477
Public Speaking	500	16	45	55	520	504	493
English As Second Language	140	4	39	61	429	458	423

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	370	11	55	45	562	582	532
4 Years	1,716	52	45	55	524	529	500
3 Years	992	30	40	60	496	477	466
2 Years	164	5	48	52	470	445	443
1 Year	34	1	65	35	459	452	420
1/2 Year or Less	40	1	58	43	467	472	441
No Response	550		47	53	506	493	474
AP/Honors Courses	814	25	47	53	586	610	561
Highest Level of Mathematics Achieved*							
Calculus	770	23	49	51	583	611	558
Pre-calculus	930	28	46	54	533	538	504
Trigonometry	246	7	39	61	492	483	468
Algebra II	912	28	41	59	483	466	455
Algebra I	347	11	45	55	441	403	414

*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	245	7	51	49	561	569	535	
4 Years	1,333	41	45	55	532	536	509	
3 Years	1,169	36	41	59	502	493	472	
2 Years	356	11	47	53	490	476	457	
1 Year	111	3	49	51	498	494	465	
1/2 Year or Less	76	2	57	43	455	467	428	
No Response	576		49	51	506	494	473	
AP/Honors Courses	605	18	44	56	599	609	573	
Course Work or Experience								
Biology	3,074	96	44	56	517	516	490	
Chemistry	2,392	75	45	55	531	535	505	
Physics	1,140	36	56	44	550	564	521	
Geology, Earth, or Space Science	1,614	50	44	56	497	489	470	
Other Sciences	1,782	56	40	60	506	503	482	

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	195	6	47	53	547	543	524	
4 Years	1,640	50	46	54	522	520	494	
3 Years	1,094	33	42	58	512	510	486	
2 Years	231	7	45	55	498	490	464	
1 Year	56	2	50	50	476	481	454	
1/2 Year or Less	61	2	52	48	460	463	436	
No Response	589		49	51	505	493	473	
AP/Honors Courses	783	24	43	57	585	576	555	
Course Work or Experience								
U.S. History	3,059	96	44	56	515	515	489	
World History or Cultures	2,830	89	44	56	520	518	493	
U.S. Government or Civics	2,412	75	44	56	514	513	486	
Economics	1,569	49	44	56	518	522	493	
Geography	658	21	47	53	504	497	478	
Psychology	691	22	34	66	528	515	501	
European History	496	16	46	54	539	525	508	
Sociology	234	7	40	60	510	500	481	
Ancient History	579	18	49	51	527	516	499	
Other Courses	1,219	38	43	57	519	518	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.

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	141	4	36	64	578	572	551
4 Years	479	15	40	60	568	566	545
3 Years	615	19	39	61	537	538	508
2 Years	1,181	36	45	55	506	507	482
1 Year	390	12	51	49	489	477	457
1/2 Year or Less	453	14	55	45	469	465	436
No Response	607		49	51	502	489	470
AP/Honors Courses	222	7	41	59	614	615	590
Course Work or Experience							
Chinese	33	1	45	55	478	492	460
French	555	18	33	67	530	525	505
German	270	9	58	42	530	539	509
Greek	18	1	39	61	509	491	519
Hebrew	7	0	43	57	436	400	439
Italian	32	1	25	75	516	487	503
Japanese	224	7	45	55	527	523	489
Korean	14	0	36	64	441	470	447
Latin	87	3	40	60	559	549	532
Russian	73	2	42	58	547	517	508
Spanish	1,788	57	43	57	518	516	494
Other Languages	103	3	25	75	499	484	481

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 Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	233	7	38	62	551	540	523
4 Years	527	16	34	66	548	530	521
3 Years	425	13	35	65	533	517	506
2 Years	606	19	43	57	504	511	484
1 Year	634	20	47	53	509	508	478
1/2 Year or Less	789	25	56	44	493	502	464
No Response	652		51	49	504	494	471
AP/Honors Courses	116	4	31	69	582	566	560
Course Work or Experience							
Acting or Play Production	618	20	35	65	556	531	525
Art History or Appreciation	380	12	32	68	520	508	502
Dance	429	14	14	86	509	495	494
Drama: Study or Appreciation	476	15	34	66	533	512	508
Music: Study or Appreciation	355	12	44	56	547	529	518
Music Performance	1,421	46	42	58	541	535	515
Photography or Film	778	25	34	66	517	505	496
Studio Art and Design	782	25	27	73	524	517	503
None	621	20	65	35	485	498	453

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,691	57	47	53	521	517	492
Computer Programming	375	13	59	41	517	517	483
Word Processing	1,792	60	45	55	521	516	493
Internet Activity	1,330	45	46	54	524	519	498
Using Computer Graphics	1,013	34	49	51	520	517	493
Creating Spreadsheets/Databases	951	32	45	55	520	516	493
None	604	20	38	62	508	509	484

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
250	631	241	661	670	637

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	11	4
2	120	48
3	101	40
4 or More	18	7

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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	106	654	93	100	672	91	650	88	644	95
History and Social Studies										
U.S. History	51	638	115	47	699	75	662	91	655	80
World History	9	604		8	683		629		678	
Mathematics										
Mathematics Level 1	63	641	86	62	644	105	652	80	616	107
Mathematics Level 2	171	689	74	167	667	88	697	63	644	83
Science										
Biology-E	14	611		13	666		648		627	
Biology-M	31	666	93	30	649	78	659	69	636	63
Chemistry	86	668	89	84	677	96	702	69	650	91
Physics	49	658	94	48	647	99	687	77	632	93
Foreign and Classical Languages										
Chinese/Listening	1			1						
French	8	545		8	630		608		610	
French/Listening	2			2						
German										
German/Listening										
Modern Hebrew										
Italian	1			1						
Japanese/Listening	5	664		5	598		650		596	
Korean/Listening	2			2						
Latin										
Spanish	25	643	114	24	678		680		678	
Spanish/Listening	7	660		7	676		677		690	

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	13	12	9	18	1	11
700-740	29	27	10	20	1	11
650-690	25	24	9	18	3	33
600-640	12	11	6	12	1	11
550-590	10	9	6	12		
500-540	8	8	4	8		
450-490	6	6	4	8	1	11
400-440	3	3	1	2	1	11
350-390			2	4	1	11
300-340						
250-290						
200-240						
Total	106		51		9	
Mean	654		638		604	
SD	93		115			
75th percentile	720		730			
50th percentile	670		650			
25th percentile	590		550			

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	4	6	49	29	1	7	6	19	17	20	9	18
700-740	14	22	32	19	6	43	8	26	20	23	12	24
650-690	16	25	35	20	2	14	8	26	18	21	9	18
600-640	11	17	32	19	1	7	2	6	14	16	8	16
550-590	9	14	19	11			3	10	9	10	4	8
500-540	6	10	4	2			2	6	4	5	5	10
450-490					1	7	1	3	2	2		
400-440	3	5					1	3	2	2	2	4
350-390					2	14						
300-340					1	7						
250-290												
200-240												
Total	63		171		14		31		86		49	
Mean	641		689		611		666		668		658	
SD	86		74				93		89		94	
75th percentile	710		750				710		740		720	
50th percentile	660		690				690		680		680	
25th percentile	570		630				590		600		600	

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	1	100										
700-740			1	13	1	50						
650-690			2	25								
600-640												
550-590			1	13								
500-540					1	50						
450-490												
400-440			4	50								
350-390												
300-340												
250-290												
200-240												
Total	1		8		2							
Mean			545									
SD												
75th percentile												
50th percentile												
25th percentile												

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			1	20	2	100			6	24	1	14
700-740	1	100	1	20					5	20	2	29
650-690			1	20					2	8	1	14
600-640									3	12	1	14
550-590			1	20					4	16	2	29
500-540			1	20					2	8		
450-490									2	8		
400-440												
350-390									1	4		
300-340												
250-290												
200-240												
Total	1		5		2				25		7	
Mean			664						643		660	
SD									114			
75th percentile									730			
50th percentile									630			
25th percentile									560			

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	16	1	519	479	456
Architecture and Related Services	53	2	514	528	494
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	194	6	563	551	530
Business Management, Marketing, and Related Support Services	258	8	481	493	457
Communication, Journalism and Related Programs	74	2	552	517	523
Computer and Information Sciences and Support Services	64	2	553	553	503
Construction Trades	13	0	465	482	426
Education	163	5	495	490	477
Engineering	383	12	544	591	510
Engineering Technologies/Technicians	46	1	507	535	482
English Language and Literature/Letters	62	2	564	514	542
Family and Consumer Sciences/Human Sciences	14	0	479	482	479
Foreign Languages, Literatures, and Linguistics	37	1	562	525	532
Health Professions and Related Clinical Services	577	18	500	506	485
History	45	1	561	503	520
Legal Professions and Studies	60	2	524	502	501
Liberal Arts and Sciences, General Studies, and Humanities	37	1	562	502	521
Library Science And Administration	6	0	543	493	483
Mathematics and Statistics	30	1	558	603	511
Mechanic and Repair Technologies/Technician	28	1	454	453	408
Military Technologies And Applied Sciences	23	1	465	460	417
Multi/Interdisciplinary Studies	8	0	594	548	588
Natural Resources and Conservation	24	1	544	515	504
Parks, Recreation, Leisure and Fitness Studies	24	1	435	450	425
Personal and Culinary Services	34	1	452	442	431
Philosophy and Religious Studies	9	0	524	482	458
Physical Sciences	65	2	566	569	536
Precision Production	1	0			
Psychology	154	5	521	489	490
Public Administration and Social Services Professions	10	0	480	420	464
Security and Protective Services	85	3	481	475	454
Social Sciences	50	2	590	548	578
Theology and Religious Vocations	13	0	531	522	517
Transportation and Materials Moving	11	0	476	482	440
Visual and Performing Arts	200	6	541	510	512
Other	52	2	456	457	425
Undecided	204	7	540	533	503
Degree-Level Goal					
Certificate Program	59	2	455	442	418
Associate Degree	69	2	449	432	423
Bachelor's Degree	1,355	38	496	496	468
Master's Degree	813	23	528	530	504
Doctoral or Related Degree	563	16	558	554	532
Other	24	1	454	435	435
Undecided	642	18	513	504	482

College Plans

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

Of the 3,875 students from your state who took the SAT and/or an SAT Subject Test, 2,371 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 1,017 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF ALASKA ANCHORAGE	AK	Public	886	37.4
UNIVERSITY OF ALASKA FAIRBANKS	AK	Public	562	23.7
MONTANA STATE UNIVERSITY	MT	Public	241	10.2
NCAA ELIGIBILITY CENTER	IN	Public	186	7.8
UNIVERSITY OF WASHINGTON	WA	Public	180	7.6
WASHINGTON STATE UNIVERSITY	WA	Public	180	7.6
NORTHERN ARIZONA UNIVERSITY	AZ	Public	169	7.1
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	156	6.6
UNIVERSITY OF OREGON	OR	Public	154	6.5
OREGON STATE UNIVERSITY	OR	Public	137	5.8
UNIVERSITY OF IDAHO	ID	Public	129	5.4
STANFORD UNIVERSITY	CA	Private	121	5.1
WESTERN WASHINGTON UNIVERSITY	WA	Public	111	4.7
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	102	4.3
BOISE STATE UNIVERSITY	ID	Public	77	3.2
UNIVERSITY OF ALASKA SOUTHEAST JUNEAU	AK	Public	77	3.2
GONZAGA UNIVERSITY	WA	Private	74	3.1
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	72	3.0
UNIVERSITY OF COLORADO BOULDER	CO	Public	71	3.0
ARIZONA STATE UNIVERSITY	AZ	Public	70	3.0
UNIVERSITY OF PORTLAND	OR	Private	67	2.8
PORTLAND STATE UNIVERSITY	OR	Public	66	2.8
UNIVERSITY OF HAWAII AT MANOA	HI	Public	65	2.7
COLORADO SCHOOL OF MINES	CO	Public	65	2.7
SOUTHERN OREGON UNIVERSITY	OR	Public	64	2.7
UNIVERSITY OF MONTANA	MT	Public	63	2.7
DARTMOUTH COLLEGE	NH	Private	62	2.6
EASTERN WASHINGTON UNIVERSITY	WA	Public	56	2.4
SEATTLE PACIFIC UNIVERSITY	WA	Private	54	2.3
WILLAMETTE UNIVERSITY	OR	Private	51	2.2
SEATTLE UNIVERSITY	WA	Private	48	2.0
PRINCETON UNIVERSITY	NJ	Private	46	1.9
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	45	1.9
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	45	1.9
WHITMAN COLLEGE	WA	Private	45	1.9
ALASKA PACIFIC UNIVERSITY	AK	Private	44	1.9
CORNELL UNIVERSITY	NY	Private	44	1.9
YALE UNIVERSITY	CT	Private	43	1.8
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	42	1.8
UNIVERSITY OF ARIZONA	AZ	Public	42	1.8
LEWIS AND CLARK COLLEGE	OR	Private	41	1.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	39	1.6
UNIVERSITY WYOMING	WY	Public	39	1.6
MESA STATE COLLEGE	CO	Public	39	1.6
DUKE UNIVERSITY	NC	Private	39	1.6

*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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