



2009 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 2009* includes students who tested through March 2009.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2009 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 Web site at www.collegeboard.com.

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, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494
2009	503	498	501	534	499	515	486	499	493

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 2000–2009, all scores are reported on the recentered scale.

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SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. 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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	36,687	524	106	531	104	507	102	50.5	10.4	7.4	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	16,718	527	107	550	105	499	103	50.1	10.5	7.2	1.5
Female	19,969	522	105	515	101	513	101	50.9	10.4	7.6	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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2008-2009)	23,912	512	103	519	102	494	98	49.2	10.1	7.4	1.5
Junior (2007-2008)	12,685	547	107	553	105	530	105	52.9	10.6	7.6	1.5
Sophomore (2006-2007)	82	616	114	614	106	587	117	59.6	11.7	7.6	1.7
Freshman (2005-2006)	8	563		581		550		55.9		7.4	
Total	36,687	524	106	531	104	507	102	50.5	10.4	7.4	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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	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 2009 cohort took the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

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	580	600	570
50th	520	530	500	500	510	490
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.com/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	1,000	1,124	2,124	1,315	689	2,004	544	826	1,370
600–690	3,523	3,707	7,230	4,476	3,679	8,155	2,459	3,321	5,780
500–590	5,736	6,908	12,644	5,794	7,020	12,814	5,442	6,999	12,441
400–490	4,598	6,107	10,705	3,913	6,344	10,257	5,624	6,432	12,056
300–390	1,561	1,846	3,407	1,074	1,957	3,031	2,323	2,151	4,474
200–290	300	277	577	146	280	426	326	240	566

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	29,303	90	46	54	520	529	502
Religiously Affiliated	2,464	8	48	52	552	556	543
Independent	778	2	48	52	611	612	603
Other or Unknown	4,142		42	58	517	518	499

Table 8: Test-Taking Conditions

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	36,316	99	524	106	531	104	507	102
Nonstandard Conditions	371	1	521	112	530	108	508	105

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

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	489	1	500	101	502	96	471	95
Asian, Asian American, or Pacific Islander	4,818	13	505	110	556	113	499	108
Black or African American	1,579	4	452	101	446	96	437	95
Mexican or Mexican American	1,483	4	454	103	461	101	443	95
Puerto Rican	89	0	506	90	506	96	484	92
Other Hispanic, Latino, or Latin American	866	2	476	110	477	101	463	101
White	24,674	67	539	99	540	97	519	96
Other	1,207	3	528	108	523	107	509	106
No Response	1,482	4	521	128	510	118	495	123
Total	36,687	100	524	106	531	104	507	102

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	201	1	506	96	522	94	468	92
Asian, Asian American, or Pacific Islander	2,256	6	506	113	574	116	492	111
Black or African American	715	2	440	102	453	98	420	90
Mexican or Mexican American	653	2	457	108	483	103	441	98
Puerto Rican	46	0	508	101	528	100	480	105
Other Hispanic, Latino, or Latin American	355	1	478	110	500	99	457	102
White	11,259	31	543	99	560	97	513	97
Other	500	1	524	106	543	106	499	106
No Response	733	2	514	128	519	119	479	122
Total	16,718	46	527	107	550	105	499	103

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	288	1	496	103	488	95	473	96
Asian, Asian American, or Pacific Islander	2,562	7	504	106	541	109	505	105
Black or African American	864	2	461	100	440	94	450	98
Mexican or Mexican American	830	2	451	99	444	96	445	92
Puerto Rican	43	0	504	77	483	86	488	76
Other Hispanic, Latino, or Latin American	511	1	474	110	461	100	467	100
White	13,415	37	535	99	523	94	525	95
Other	707	2	530	110	509	105	517	105
No Response	749	2	528	127	501	117	511	122
Total	19,969	54	522	105	515	101	513	101

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	36,687	100	524	106	531	104	507	102
First Language Learned								
English	29,107	81	534	101	535	99	514	98
English and Another	3,991	11	497	107	518	112	487	105
Another Language	2,813	8	464	117	522	130	467	113
No Response	776		490	139	491	136	466	131
Citizenship								
U.S. Citizen / U.S. National	33,729	96	529	103	533	101	511	99
U.S. Permanent Resident or Refugee	964	3	473	126	532	129	478	120
Citizen of Another Country	533	2	431	114	549	137	444	119
Other, Unknown, or No Response	1,461		470	125	488	127	455	117
Disabling Condition								
Yes	2,062	6	517	109	512	105	490	101
Unknown or No Response	34,625		524	106	532	104	508	102
Plans to Apply for Financial Aid								
Yes	23,027	69	523	105	527	103	506	101
No	2,764	8	535	101	549	102	520	98
Don't Know	7,746	23	529	103	542	101	512	99
Family Income								
\$0 - \$20,000	1,688	7	455	105	468	107	442	100
\$20,000–\$40,000	3,007	12	485	105	491	102	467	97
\$40,000–\$60,000	3,797	15	513	98	516	97	493	97
\$60,000–\$80,000	4,395	17	522	100	527	95	503	95
\$80,000–\$100,000	3,946	15	532	99	538	96	513	94
\$100,000–\$120,000	3,203	13	540	96	549	98	523	95
\$120,000–\$140,000	1,626	6	542	99	553	96	523	97
\$140,000–\$160,000	1,161	5	549	99	555	95	533	95
\$160,000–\$200,000	1,212	5	552	94	557	95	536	93
More than \$200,000	1,516	6	560	99	571	99	547	98
No Response	11,136		529	112	537	110	513	107
Highest Level of Parental Education								
No High School Diploma	1,255	4	421	96	444	101	416	88
High School Diploma	9,690	28	490	93	497	93	472	89
Associate Degree	3,342	10	504	91	510	92	483	87
Bachelor's Degree	11,195	33	539	97	547	97	522	95
Graduate Degree	8,687	25	572	104	575	101	554	101
Took the PSAT/NMSQT®								
Yes, As a Junior	14,058	44	531	101	540	99	515	97
Yes, As a Sophomore or Younger	4,157	13	532	101	538	101	513	98
Yes, As a Junior and As a Sophomore or Younger	5,509	17	569	104	575	100	555	99
No	8,374	26	492	99	497	98	470	93

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	5,750	38	43	57	587	605	575
Second Tenth	4,394	29	46	54	525	541	511
Second Fifth	2,669	18	51	49	501	510	481
Final Three Fifths	2,408	16	52	48	464	465	443
No Response	21,466		45	55	517	520	498

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)	2,129	6	35	65	609	621	600
A (93–96)	7,381	21	38	62	572	586	560
A- (90–92)	7,737	22	43	57	540	552	524
B (80–89)	14,437	41	48	52	497	500	477
C (70–79)	3,060	9	60	40	458	456	432
D, E, or F (below 70)	81	0	65	35	455	434	402
No Response	1,862		51	49	497	496	473
Mean Grade Point Average	All Students: 3.40		Male: 3.31		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	2.1	2.4	2.3	3.77	3.89	3.84
English and Language Arts	3.9	3.9	3.9	3.37	3.62	3.51
Foreign and Classical Languages	2.6	2.7	2.7	3.30	3.55	3.44
Mathematics	3.9	3.9	3.9	3.20	3.20	3.20
Natural Sciences	3.4	3.4	3.4	3.33	3.39	3.37
Social Sciences and History	3.5	3.5	3.5	3.45	3.53	3.50
Total for All Subjects	19.4	19.8	19.7			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,685	5	39	61	548	546	530	
4 Years	26,234	82	45	55	531	539	514	
3 Years	3,487	11	44	56	494	503	477	
2 Years	345	1	51	49	509	516	489	
1 Year	44	0	48	52	408	436	385	
1/2 Year or Less	31	0	42	58	466	501	479	
No Response	4,861		52	48	501	509	484	
Course Work or Experience								
English/Language Arts	28,933	96	44	56	529	535	511	
Journalism	3,764	13	37	63	538	532	524	
Creative Writing	8,445	28	41	59	524	523	508	
American Literature	17,572	59	44	56	534	538	516	
Composition/Writing	13,158	44	42	58	532	533	515	
British Literature	4,162	14	40	60	560	553	541	
World Literature	8,939	30	44	56	538	540	520	
Communications	3,072	10	43	57	514	520	500	
Public Speaking	5,789	19	42	58	534	535	517	
English As Second Language	1,354	5	43	57	438	508	441	
AP®/Honors Courses	13,656	43	39	61	573	573	557	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,427	14	48	52	564	596	548	
4 Years	20,341	64	44	56	528	536	511	
3 Years	6,284	20	43	57	506	496	485	
2 Years	796	2	44	56	498	470	472	
1 Year	55	0	51	49	451	463	445	
1/2 Year or Less	36	0	36	64	456	433	452	
No Response	4,748		52	48	501	510	484	
Highest Level of Mathematics Achieved*								
Calculus	10,119	32	49	51	580	612	565	
Pre-calculus	9,892	32	42	58	524	532	507	
Trigonometry	2,896	9	42	58	498	488	479	
Algebra II	5,801	19	42	58	484	468	465	
Algebra I	1,259	4	42	58	444	416	422	
AP/Honors Courses	10,645	33	47	53	580	606	565	

*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.

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	1,813	6	48	52	573	596	555	
4 Years	13,993	44	46	54	548	559	531	
3 Years	10,802	34	43	57	512	515	495	
2 Years	4,119	13	44	56	490	487	470	
1 Year	553	2	48	52	494	492	471	
1/2 Year or Less	170	1	36	64	463	465	447	
No Response	5,237		52	48	501	509	484	
Course Work or Experience								
Biology	28,652	94	44	56	529	535	512	
Chemistry	24,593	81	44	56	537	547	521	
Physics	14,225	47	51	49	553	572	536	
Geology, Earth, or Space Science	15,690	51	44	56	522	527	504	
Other Sciences	12,722	42	40	60	524	527	506	
AP/Honors Courses	8,711	28	44	56	586	600	569	

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	1,203	4	44	56	558	558	541	
4 Years	16,642	53	45	55	536	539	518	
3 Years	11,016	35	44	56	521	533	504	
2 Years	2,379	8	46	54	499	511	480	
1 Year	302	1	43	57	480	496	466	
1/2 Year or Less	94	0	39	61	470	465	448	
No Response	5,051		52	48	500	508	483	
Course Work or Experience								
U.S. History	28,850	95	44	56	528	535	511	
World History or Cultures	24,905	82	44	56	532	539	515	
U.S. Government or Civics	19,079	63	44	56	528	533	510	
Economics	5,523	18	45	55	524	533	507	
Geography	7,796	26	43	57	517	525	501	
Psychology	7,193	24	34	66	538	535	520	
European History	7,335	24	45	55	554	553	535	
Sociology	2,525	8	37	63	522	518	504	
Ancient History	4,846	16	47	53	541	540	521	
Other Courses	9,260	30	41	59	532	538	514	
AP/Honors Courses	10,606	34	42	58	583	583	564	

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	1,007	3	34	66	581	588	568
4 Years	5,468	17	38	62	581	582	567
3 Years	9,690	31	43	57	544	553	529
2 Years	13,372	42	48	52	501	509	481
1 Year	1,304	4	50	50	471	476	449
1/2 Year or Less	881	3	52	48	449	462	430
No Response	4,965		52	48	500	508	483
Course Work or Experience							
Chinese	544	2	46	54	538	589	521
French	5,060	16	32	68	550	545	531
German	1,760	6	54	46	549	547	520
Greek	65	0	40	60	557	532	537
Hebrew	40	0	63	38	536	511	520
Italian	84	0	33	67	545	517	525
Japanese	2,017	7	50	50	547	561	520
Korean	90	0	50	50	466	573	473
Latin	489	2	44	56	593	572	570
Russian	117	0	48	52	527	520	512
Spanish	20,726	68	45	55	524	532	509
Other Languages	1,639	5	32	68	485	493	469
AP/Honors Courses	3,795	12	38	62	600	604	587

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	1,799	6	39	61	557	554	538
4 Years	5,882	19	39	61	555	551	537
3 Years	4,205	13	39	61	525	524	510
2 Years	8,179	26	44	56	520	529	503
1 Year	9,645	31	50	50	519	536	501
1/2 Year or Less	1,823	6	55	45	497	507	477
No Response	5,154		52	48	501	510	484
Course Work or Experience							
Acting or Play Production	5,047	17	33	67	563	543	541
Art History or Appreciation	4,482	15	39	61	526	526	510
Dance	2,978	10	14	86	525	518	516
Drama: Study or Appreciation	4,277	15	33	67	545	530	526
Music: Study or Appreciation	3,431	12	45	55	561	553	543
Music Performance	12,312	42	42	58	550	552	533
Photography or Film	8,708	30	39	61	530	532	513
Studio Art and Design	8,368	29	37	63	532	536	516
None	3,533	12	58	42	488	508	470
AP/Honors Courses	1,740	6	35	65	587	581	570

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	19,929	69	45	55	532	538	514
Computer Programming	4,398	15	57	43	523	541	505
Word Processing	21,101	73	44	56	532	537	513
Internet Activity	15,339	53	46	54	535	540	516
Using Computer Graphics	9,838	34	51	49	531	541	511
Creating Spreadsheets/Databases	9,475	33	47	53	536	547	519
None	3,198	11	37	63	522	529	509

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
3,902	9,854	3,705	638	654	629

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	272	7
2	1,679	43
3	1,662	43
4 or More	289	7

Table 21: Mean Scores for SAT Subject Tests 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		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	1,829	629	100	1,720	654	93	635	87	642	89
History and Social Studies										
U.S. History	1,497	622	107	1,415	652	90	648	87	638	90
World History	194	634	102	188	672	91	666	83	659	85
Mathematics										
Mathematics Level 1	913	593	104	787	601	100	622	91	596	100
Mathematics Level 2	2,489	669	90	2,411	647	95	683	72	641	89
Science										
Biology-E	324	632	99	309	645	91	653	90	632	93
Biology-M	406	661	93	394	654	95	664	79	641	92
Chemistry	751	637	101	729	647	92	694	75	639	89
Physics	491	673	89	478	648	98	711	68	640	94
Foreign and Classical Languages										
Chinese/Listening	88	761	69	85	585	113	690	78	592	105
French	167	598	109	162	665	82	650	74	655	81
French/Listening	54	605	105	54	671	79	659	74	670	87
German	7	569		7	656		750		697	
German/Listening	11	548		11	651		618		629	
Modern Hebrew	3			2						
Italian	3			3						
Japanese/Listening	44	674	129	44	617	82	653	83	600	80
Korean/Listening	106	765	59	105	522	109	672	68	572	99
Latin	32	667	95	31	711	58	687	74	687	73
Spanish	349	598	111	339	655	90	643	83	652	82
Spanish/Listening	96	608	118	94	657	89	640	71	639	94

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	232	13	204	14	31	16
700-740	299	16	216	14	30	15
650-690	364	20	278	19	37	19
600-640	307	17	240	16	27	14
550-590	245	13	188	13	22	11
500-540	174	10	162	11	29	15
450-490	115	6	113	8	15	8
400-440	60	3	64	4	1	1
350-390	26	1	24	2	1	1
300-340	7	0	8	1	1	1
250-290						
200-240						
Total	1,829		1,497		194	
Mean	629		622		634	
SD	100		107		102	
75th percentile	710		700		710	
50th percentile	640		640		650	
25th percentile	570		550		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	53	6	617	25	47	15	83	20	125	17	120	24
700-740	123	13	385	15	49	15	84	21	128	17	95	19
650-690	130	14	471	19	49	15	84	21	122	16	114	23
600-640	174	19	481	19	75	23	57	14	115	15	62	13
550-590	145	16	330	13	45	14	52	13	109	15	54	11
500-540	110	12	124	5	22	7	22	5	81	11	28	6
450-490	80	9	56	2	26	8	17	4	46	6	14	3
400-440	66	7	20	1	7	2	4	1	18	2	3	1
350-390	27	3	5	0	3	1	2	0	7	1	1	0
300-340	5	1			1	0	1	0				
250-290												
200-240												
Total	913		2,489		324		406		751		491	
Mean	593		669		632		661		637		673	
SD	104		90		99		93		101		89	
75th percentile	680		740		710		730		720		740	
50th percentile	600		670		630		670		640		680	
25th percentile	520		610		570		600		560		610	

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	68	77	15	9	5	9	2	29	2	18	1	33
700-740	5	6	17	10	8	15						
650-690	10	11	29	17	9	17			1	9		
600-640	1	1	25	15	9	17					1	33
550-590	1	1	32	19	4	7	1	14	1	9		
500-540	2	2	18	11	9	17	1	14	4	36		
450-490	1	1	14	8	8	15	1	14	2	18	1	33
400-440			11	7			2	29				
350-390			5	3	2	4						
300-340			1	1								
250-290									1	9		
200-240												
Total	88		167		54		7		11		3	
Mean	761		598		605		569		548			
SD	69		109		105							
75th percentile	800		680		680							
50th percentile	800		600		600							
25th percentile	760		520		520							

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	33	20	45	84	79	7	22	22	6	14	15
700-740	2	67	5	11	10	9	7	22	54	15	14	15
650-690			3	7	7	7	6	19	55	16	12	13
600-640			4	9	1	1	4	13	63	18	17	18
550-590			3	7	2	2	4	13	45	13	9	9
500-540			3	7	2	2	1	3	46	13	12	13
450-490			2	5			3	9	30	9	9	9
400-440			4	9					17	5	4	4
350-390									11	3	4	4
300-340									5	1	1	1
250-290									1	0		
200-240												
Total	3		44		106		32		349		96	
Mean			674		765		667		598		608	
SD			129		59		95		111		118	
75th percentile			790		800		740		690		710	
50th percentile			720		790		690		610		620	
25th percentile			580		760		590		520		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	177	1	486	496	464
Architecture and Related Services	614	2	510	549	500
Area, Ethnic, Cultural and Gender Studies	56	0	561	522	524
Biological and Biomedical Sciences	1,609	6	562	567	541
Business Management, Marketing, and Related Support Services	3,565	13	504	527	492
Communication, Journalism and Related Programs	998	4	544	522	532
Computer and Information Sciences and Support Services	835	3	546	572	510
Construction Trades	48	0	435	471	412
Education	1,732	6	506	503	492
Engineering	2,364	9	548	596	523
Engineering Technologies/Technicians	357	1	496	547	474
English Language and Literature/Letters	507	2	593	533	568
Family and Consumer Sciences/Human Sciences	81	0	480	479	466
Foreign Languages, Literatures, and Linguistics	291	1	581	550	554
Health Professions and Related Clinical Services	4,971	19	506	518	498
History	302	1	566	521	520
Legal Professions and Studies	663	2	531	525	514
Liberal Arts and Sciences, General Studies, and Humanities	354	1	579	537	557
Library Science/Librarianship	18	0	615	567	587
Mathematics and Statistics	280	1	558	631	538
Mechanic and Repair Technologies/Technician	68	0	424	461	405
Military Sciences	77	0	513	524	478
Multi/Interdisciplinary Studies	55	0	611	594	583
Natural Resources and Conservation	217	1	540	524	514
Parks, Recreation, Leisure and Fitness Studies	160	1	472	489	458
Personal and Culinary Services	104	0	499	496	482
Philosophy and Religious Studies	93	0	559	529	532
Physical Sciences	431	2	582	601	555
Precision Production	2	0			
Psychology	1,236	5	524	505	501
Public Administration and Social Services Professions	89	0	486	460	469
Security and Protective Services	351	1	488	492	466
Social Sciences	550	2	589	559	559
Theology and Religious Vocations	100	0	550	525	527
Transportation and Materials Moving	37	0	462	493	462
Visual and Performing Arts	2,133	8	540	523	524
Other	309	1	489	490	470
Undecided	938	4	548	560	530
Degree-Level Goal					
Certificate Program	318	1	449	459	436
Associate Degree	436	1	435	434	422
Bachelor's Degree	9,797	29	502	509	485
Master's Degree	9,862	29	532	542	515
Doctoral or Related Degree	5,921	18	554	563	537
Other	135	0	456	468	444
Undecided	7,148	21	535	539	516

College Plans

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

Of the 36,884 students from your state who took the SAT and/or an SAT Subject Test, 28,845 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 1,736 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF WASHINGTON	WA	Public	14,758	51.2
WASHINGTON STATE UNIVERSITY	WA	Public	12,272	42.5
WESTERN WASHINGTON UNIVERSITY	WA	Public	10,536	36.5
CENTRAL WASHINGTON UNIVERSITY	WA	Public	5,893	20.4
EASTERN WASHINGTON UNIVERSITY	WA	Public	4,532	15.7
SEATTLE UNIVERSITY	WA	Private	3,051	10.6
GONZAGA UNIVERSITY	WA	Private	2,814	9.8
UNIVERSITY OF OREGON	OR	Public	2,354	8.2
SEATTLE PACIFIC UNIVERSITY	WA	Private	2,279	7.9
UNIVERSITY OF PORTLAND	OR	Private	2,008	7.0
PACIFIC LUTHERAN UNIVERSITY	WA	Private	1,932	6.7
OREGON STATE UNIVERSITY	OR	Public	1,760	6.1
STANFORD UNIVERSITY	CA	Private	1,732	6.0
NCAA ELIGIBILITY CENTER	IN	Public	1,661	5.8
WHITWORTH UNIVERSITY	WA	Private	1,532	5.3
UNIVERSITY OF PUGET SOUND	WA	Private	1,368	4.7
UNIVERSITY OF IDAHO	ID	Public	1,317	4.6
WHITMAN COLLEGE	WA	Private	1,252	4.3
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	1,192	4.1
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	1,080	3.7
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	999	3.5
UNIVERSITY OF WASHINGTON BOTHELL	WA	Private	980	3.4
EVERGREEN STATE COLLEGE	WA	Public	960	3.3
UNIVERSITY OF WASHINGTON TACOMA	WA	Private	950	3.3
MONTANA STATE UNIVERSITY	MT	Public	904	3.1
WILLAMETTE UNIVERSITY	OR	Private	851	3.0
SANTA CLARA UNIVERSITY	CA	Private	847	2.9
PORTLAND STATE UNIVERSITY	OR	Public	819	2.8
ARIZONA STATE UNIVERSITY	AZ	Public	814	2.8
UNIVERSITY OF MONTANA	MT	Public	743	2.6
NEW YORK UNIVERSITY	NY	Private	718	2.5
UNIVERSITY OF SAN DIEGO	CA	Private	632	2.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	623	2.2
BOISE STATE UNIVERSITY	ID	Public	611	2.1
UNIVERSITY OF ARIZONA	AZ	Public	605	2.1
LEWIS AND CLARK COLLEGE	OR	Private	578	2.0
YALE UNIVERSITY	CT	Private	566	2.0
SAINT MARTINS UNIVERSITY	WA	Private	537	1.9
UNIVERSITY OF COLORADO BOULDER	CO	Public	536	1.9
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	521	1.8
BROWN UNIVERSITY	RI	Private	514	1.8
CORNELL UNIVERSITY	NY	Private	496	1.7
BOSTON UNIVERSITY	MA	Private	491	1.7
UNIVERSITY OF HAWAII AT MANOA	HI	Public	469	1.6
ART INSTITUTE OF SEATTLE	WA	Private	460	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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