



2009 College-Bound Seniors

# State Profile Report

HAWAII

## Included in This Report

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**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](http://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	8,313	479	107	502	116	469	104	46.7	10.5	7.2	1.6

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	3,887	478	108	518	118	461	103	46.1	10.4	7.0	1.6
Female	4,426	479	106	488	112	476	105	47.2	10.5	7.3	1.5

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)	6,502	468	100	489	109	458	96	45.5	9.8	7.1	1.5
Junior (2007-2008)	1,794	520	120	547	128	510	122	50.9	11.9	7.4	1.7
Sophomore (2006-2007)	14	471		426		456		45.6		6.8	
Freshman (2005-2006)	3										
Total	8,313	479	107	502	116	469	104	46.7	10.5	7.2	1.6

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	550	580	540	580	600	570
50th	470	490	460	500	510	490
25th	410	420	400	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](http://www.collegeboard.com/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	111	139	250	268	159	427	66	130	196
600–690	456	484	940	787	648	1,435	357	466	823
500–590	1,086	1,227	2,313	1,112	1,178	2,290	961	1,197	2,158
400–490	1,363	1,603	2,966	1,105	1,516	2,621	1,441	1,624	3,065
300–390	733	838	1,571	538	786	1,324	903	882	1,785
200–290	138	135	273	77	139	216	159	127	286

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	4,890	65	46	54	454	474	441
Religiously Affiliated	1,198	16	48	52	516	539	514
Independent	1,488	20	47	53	537	574	535
Other or Unknown	737		45	55	465	479	451

**Table 8: Test-Taking Conditions**

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	8,213	99	479	107	501	116	469	104
Nonstandard Conditions	100	1	504	112	542	126	502	114

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	41	0	478	95	466	100	464	83
Asian, Asian American, or Pacific Islander	5,921	71	471	103	505	116	465	102
Black or African American	185	2	452	100	444	89	444	96
Mexican or Mexican American	86	1	486	95	464	95	467	79
Puerto Rican	81	1	457	102	456	102	447	92
Other Hispanic, Latino, or Latin American	76	1	492	108	472	95	479	109
White	1,074	13	532	102	521	107	510	102
Other	602	7	469	124	479	124	456	115
No Response	247	3	475	120	477	118	459	116
Total	8,313	100	479	107	502	116	469	104

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	19	0	467		512		455	
Asian, Asian American, or Pacific Islander	2,757	33	471	103	520	119	456	101
Black or African American	85	1	432	100	448	97	431	97
Mexican or Mexican American	39	0	472	107	466	105	452	81
Puerto Rican	33	0	465	102	479	97	438	88
Other Hispanic, Latino, or Latin American	37	0	476	109	470	109	455	111
White	525	6	531	99	540	107	499	98
Other	254	3	471	130	506	127	456	121
No Response	138	2	474	124	489	111	456	109
Total	3,887	47	478	108	518	118	461	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	22	0	487		426		471	
Asian, Asian American, or Pacific Islander	3,164	38	472	102	492	113	472	102
Black or African American	100	1	470	98	441	82	454	93
Mexican or Mexican American	47	1	497	83	462	86	480	75
Puerto Rican	48	1	452	102	440	102	454	94
Other Hispanic, Latino, or Latin American	39	0	507	105	474	80	501	101
White	549	7	532	105	503	105	520	105
Other	348	4	467	119	459	119	457	111
No Response	109	1	477	113	462	125	464	124
Total	4,426	53	479	106	488	112	476	105

## 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	8,313	100	479	107	502	116	469	104
<b>First Language Learned</b>								
English	6,261	77	485	105	503	114	474	103
English and Another	1,270	16	456	103	481	114	450	101
Another Language	644	8	456	112	527	127	452	113
No Response	138		518	143	539	142	496	138
<b>Citizenship</b>								
U.S. Citizen / U.S. National	7,711	96	482	105	502	114	472	103
U.S. Permanent Resident or Refugee	257	3	422	112	498	133	424	111
Citizen of Another Country	92	1	441	115	544	125	459	128
Other, Unknown, or No Response	253		464	124	494	134	452	123
<b>Disabling Condition</b>								
Yes	324	4	460	111	463	119	445	107
Unknown or No Response	7,989		480	106	503	115	470	104
<b>Plans to Apply for Financial Aid</b>								
Yes	5,829	80	475	104	494	113	464	101
No	289	4	489	103	519	114	474	103
Don't Know	1,201	16	475	100	504	108	467	99
<b>Family Income</b>								
\$0 - \$20,000	471	9	432	104	453	117	424	98
\$20,000–\$40,000	795	15	448	99	466	105	436	91
\$40,000–\$60,000	930	18	463	100	481	110	454	92
\$60,000–\$80,000	980	19	472	98	490	105	460	95
\$80,000–\$100,000	809	15	491	100	512	106	480	97
\$100,000–\$120,000	541	10	492	99	520	105	482	96
\$120,000–\$140,000	267	5	501	101	526	107	495	102
\$140,000–\$160,000	151	3	500	95	535	109	490	105
\$160,000–\$200,000	139	3	499	97	528	115	489	99
More than \$200,000	163	3	524	103	549	110	519	100
No Response	3,067		490	113	515	123	481	113
<b>Highest Level of Parental Education</b>								
No High School Diploma	222	3	418	95	468	116	415	104
High School Diploma	2,744	38	439	95	457	102	431	90
Associate Degree	838	12	453	89	473	100	441	85
Bachelor's Degree	2,223	31	495	96	519	108	485	95
Graduate Degree	1,258	17	536	106	550	114	524	103
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	2,446	34	486	107	514	116	478	105
Yes, As a Sophomore or Younger	1,416	19	470	103	489	112	457	100
Yes, As a Junior and As a Sophomore or Younger	2,395	33	504	103	529	109	498	98
No	1,017	14	434	98	447	108	417	92

## 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	1,165	28	43	57	541	571	532
Second Tenth	1,077	26	46	54	479	512	470
Second Fifth	885	22	50	50	459	481	447
Final Three Fifths	988	24	57	43	427	448	417
No Response	4,198		45	55	478	497	469

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)	317	4	38	62	557	583	549
A (93–96)	1,260	16	37	63	530	557	524
A- (90–92)	1,611	20	42	58	512	542	506
B (80–89)	3,696	47	48	52	459	481	449
C (70–79)	1,009	13	61	39	417	431	402
D, E, or F (below 70)	27	0	70	30	427	428	398
No Response	393		52	48	468	482	450
<b>Mean Grade Point Average</b>	<b>All Students: 3.27</b>		<b>Male: 3.17</b>		<b>Female: 3.36</b>		

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	2.0	2.3	2.2	3.70	3.82	3.76
English and Language Arts	3.9	3.9	3.9	3.17	3.40	3.29
Foreign and Classical Languages	2.4	2.6	2.5	3.26	3.48	3.38
Mathematics	3.8	3.8	3.8	3.02	3.00	3.01
Natural Sciences	3.6	3.6	3.6	3.15	3.26	3.20
Social Sciences and History	3.8	3.8	3.8	3.28	3.41	3.35
<b>Total for All Subjects</b>	<b>19.5</b>	<b>20.0</b>	<b>19.8</b>			

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	189	3	47	53	512	532	501	
4 Years	6,179	86	46	54	480	503	470	
3 Years	671	9	45	55	447	465	438	
2 Years	79	1	47	53	445	476	436	
1 Year	19	0	53	47	397	427	422	
1/2 Year or Less	7	0	29	71	404	401	344	
No Response	1,169		52	48	490	514	480	
<b>Course Work or Experience</b>								
English/Language Arts	6,425	96	45	55	479	500	469	
Journalism	759	11	37	63	487	494	478	
Creative Writing	1,950	29	42	58	482	495	474	
American Literature	3,791	57	45	55	484	502	476	
Composition/Writing	2,829	42	43	57	479	492	470	
British Literature	1,826	27	44	56	486	498	476	
World Literature	2,318	35	44	56	479	492	469	
Communications	792	12	45	55	466	492	463	
Public Speaking	1,466	22	43	57	498	516	491	
English As Second Language	375	6	38	62	424	490	427	
AP@/Honors Courses	1,998	28	36	64	540	552	528	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	486	7	52	48	512	569	504	
4 Years	4,758	66	46	54	483	510	475	
3 Years	1,814	25	43	57	454	456	442	
2 Years	84	1	58	42	448	455	430	
1 Year	21	0	52	48	387	420	403	
1/2 Year or Less	5	0	40	60	442	390	356	
No Response	1,145		52	48	490	515	481	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,319	18	48	52	554	618	548	
Pre-calculus	1,584	22	46	54	504	538	496	
Trigonometry	1,174	16	44	56	474	493	464	
Algebra II	2,469	35	44	56	439	442	426	
Algebra I	470	7	49	51	396	384	386	
AP/Honors Courses	1,570	22	46	54	546	597	538	

\*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	400	6	47	54	522	558	512	
4 Years	3,730	53	46	54	487	512	478	
3 Years	2,543	36	45	55	463	482	453	
2 Years	261	4	53	47	439	459	437	
1 Year	78	1	40	60	440	433	427	
1/2 Year or Less	59	1	41	59	404	414	391	
No Response	1,242		53	47	486	510	475	
<b>Course Work or Experience</b>								
Biology	6,799	98	45	55	479	501	469	
Chemistry	6,319	91	45	55	484	507	474	
Physics	4,409	63	47	53	496	529	487	
Geology, Earth, or Space Science	2,533	36	47	53	460	472	448	
Other Sciences	3,241	47	41	59	470	489	461	
AP/Honors Courses	1,497	21	45	55	552	588	543	

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	250	4	44	56	507	527	493	
4 Years	5,332	75	46	54	481	503	471	
3 Years	1,258	18	45	55	464	491	458	
2 Years	192	3	54	46	441	470	433	
1 Year	39	1	33	67	425	438	430	
1/2 Year or Less	29	0	55	45	419	432	407	
No Response	1,213		53	47	487	511	478	
<b>Course Work or Experience</b>								
U.S. History	6,549	94	45	55	479	502	470	
World History or Cultures	6,175	89	45	55	476	498	466	
U.S. Government or Civics	3,826	55	46	54	468	486	456	
Economics	2,520	36	46	54	481	511	473	
Geography	1,391	20	46	54	458	479	450	
Psychology	3,250	47	41	59	471	491	460	
European History	1,346	19	49	51	517	536	509	
Sociology	1,808	26	43	57	458	481	447	
Ancient History	1,118	16	44	56	473	484	463	
Other Courses	2,931	42	44	56	494	518	484	
AP/Honors Courses	1,740	25	39	61	548	563	533	

## 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	137	2	48	52	535	563	537
4 Years	1,217	17	37	63	528	553	523
3 Years	1,692	24	44	56	504	529	496
2 Years	3,291	46	48	52	457	479	446
1 Year	422	6	53	47	422	438	404
1/2 Year or Less	361	5	55	45	411	430	397
No Response	1,193		52	48	486	511	477
<b>Course Work or Experience</b>							
Chinese	192	3	47	53	536	585	521
French	492	7	34	66	529	534	514
German	37	1	43	57	523	506	497
Greek	4	0	50	50			
Hebrew	1	0	100	0			
Italian	10	0	20	80	489	513	461
Japanese	2,511	36	46	54	489	522	477
Korean	18	0	56	44	492	588	517
Latin	123	2	44	56	565	589	556
Russian	7	0	43	57	470	471	450
Spanish	3,169	46	45	55	472	485	463
Other Languages	899	13	42	58	447	465	442
AP/Honors Courses	478	7	35	65	582	607	584

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b> Years of Study	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	337	5	46	54	511	531	499
4 Years	1,478	21	40	60	513	537	508
3 Years	972	14	44	56	491	512	484
2 Years	1,531	22	45	55	481	503	469
1 Year	1,405	20	48	52	460	486	450
1/2 Year or Less	1,267	18	52	48	436	456	422
No Response	1,323		52	48	483	507	473
<b>Course Work or Experience</b>							
Acting or Play Production	915	14	34	66	518	512	505
Art History or Appreciation	1,341	21	40	60	491	507	483
Dance	840	13	19	81	487	499	482
Drama: Study or Appreciation	759	12	35	65	505	503	494
Music: Study or Appreciation	691	11	46	54	505	516	492
Music Performance	2,643	41	46	54	500	524	493
Photography or Film	1,736	27	36	64	482	493	474
Studio Art and Design	1,474	23	37	63	497	510	486
None	1,294	20	57	43	437	463	423
AP/Honors Courses	170	2	31	69	537	551	527

<b>Computers</b> Course Work or Experience	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	4,108	65	46	54	483	504	472
Computer Programming	1,043	16	51	49	465	492	454
Word Processing	4,395	69	45	55	484	503	472
Internet Activity	3,575	56	45	55	484	503	472
Using Computer Graphics	2,178	34	45	55	482	501	469
Creating Spreadsheets/Databases	1,969	31	42	58	486	509	475
None	981	15	43	57	468	490	461

## 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
1,171	2,974	1,145	596	640	596

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	72	6
2	543	46
3	446	38
4 or More	110	9

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	
<b>English</b>											
Literature	466	578	112	449	601	105	600	100	592	101	
<b>History and Social Studies</b>											
U.S. History	412	612	113	408	626	97	635	97	614	94	
World History	48	558	131	44	606	121	601	112	599	90	
<b>Mathematics</b>											
Mathematics Level 1	291	576	113	273	574	118	609	114	572	115	
Mathematics Level 2	757	651	98	747	598	94	668	82	604	90	
<b>Science</b>											
Biology-E	113	589	117	106	604	105	624	100	589	102	
Biology-M	193	656	88	193	628	89	672	77	631	92	
Chemistry	296	635	105	292	613	107	686	84	619	103	
Physics	182	655	97	180	615	93	706	67	617	91	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	37	734	61	37	620	100	705	61	620	90	
French	27	577	124	27	639	110	640	95	621	107	
French/Listening	5	626		4							
German											
German/Listening	2			2							
Modern Hebrew											
Italian											
Japanese/Listening	57	641	122	57	574	93	644	91	584	104	
Korean/Listening	28	736	97	28	516	81	649	63	542	70	
Latin	1			1							
Spanish	43	545	114	43	602	86	627	87	620	72	
Spanish/Listening	16	516		16	586		599		588		

## 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	28	6	37	9	6	13
700-740	51	11	72	17	5	10
650-690	64	14	78	19	2	4
600-640	84	18	69	17	4	8
550-590	52	11	48	12	7	15
500-540	70	15	39	9	6	13
450-490	43	9	23	6	8	17
400-440	45	10	20	5	6	13
350-390	24	5	22	5	3	6
300-340	5	1	4	1	1	2
250-290						
200-240						
Total	466		412		48	
Mean	578		612		558	
SD	112		113		131	
75th percentile	660		700		650	
50th percentile	590		630		540	
25th percentile	490		540		450	

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	15	5	170	22	14	12	26	13	45	15	45	25
700-740	27	9	87	11	12	11	44	23	54	18	31	17
650-690	48	16	145	19	12	11	49	25	50	17	21	12
600-640	46	16	130	17	22	19	27	14	51	17	35	19
550-590	50	17	98	13	11	10	21	11	33	11	21	12
500-540	32	11	81	11	14	12	16	8	25	8	17	9
450-490	22	8	35	5	15	13	6	3	20	7	11	6
400-440	28	10	9	1	8	7	3	2	13	4	1	1
350-390	18	6	2	0	3	3	1	1	5	2		
300-340	5	2			2	2						
250-290												
200-240												
Total	291		757		113		193		296		182	
Mean	576		651		589		656		635		655	
SD	113		98		117		88		105		97	
75th percentile	670		730		670		710		720		740	
50th percentile	590		650		600		680		650		660	
25th percentile	490		580		490		600		570		570	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	19	51	4	15	1	20						
700-740	11	30			1	20						
650-690	4	11	5	19					1	50		
600-640	2	5	4	15								
550-590	1	3			2	40			1	50		
500-540			7	26								
450-490			2	7								
400-440			4	15	1	20						
350-390												
300-340			1	4								
250-290												
200-240												
Total	37		27		5				2			
Mean	734		577		626							
SD	61		124									
75th percentile	780		660									
50th percentile	740		540									
25th percentile	700		460									

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			16	28	20	71			2	5		
700-740			8	14	3	11			2	5		
650-690			8	14					4	9	1	6
600-640			4	7	2	7	1	100	5	12	5	31
550-590			4	7					10	23	2	13
500-540			7	12	1	4			5	12	1	6
450-490			6	11	2	7			6	14	2	13
400-440			3	5					7	16	3	19
350-390			1	2							2	13
300-340									1	2		
250-290									1	2		
200-240												
Total			57		28		1		43		16	
Mean			641		736				545		516	
SD			122		97				114			
75th percentile			750		800				620			
50th percentile			660		780				550			
25th percentile			530		710				450			

## 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	25	0	430	448	439
Architecture and Related Services	155	3	473	528	464
Area, Ethnic, Cultural and Gender Studies	13	0	530	482	518
Biological and Biomedical Sciences	299	5	504	530	502
Business Management, Marketing, and Related Support Services	687	11	463	496	455
Communication, Journalism and Related Programs	180	3	484	481	484
Computer and Information Sciences and Support Services	191	3	481	514	457
Construction Trades	18	0	376	421	383
Education	319	5	463	474	454
Engineering	537	9	493	562	479
Engineering Technologies/Technicians	144	2	456	506	441
English Language and Literature/Letters	63	1	571	503	546
Family and Consumer Sciences/Human Sciences	18	0	433	489	446
Foreign Languages, Literatures, and Linguistics	58	1	511	500	488
Health Professions and Related Clinical Services	1,491	25	460	482	455
History	44	1	535	503	496
Legal Professions and Studies	111	2	510	508	501
Liberal Arts and Sciences, General Studies, and Humanities	93	2	482	475	469
Library Science/Librarianship	2	0			
Mathematics and Statistics	39	1	533	609	529
Mechanic and Repair Technologies/Technician	41	1	398	426	378
Military Sciences	10	0	472	504	476
Multi/Interdisciplinary Studies	11	0	666	627	643
Natural Resources and Conservation	65	1	468	468	454
Parks, Recreation, Leisure and Fitness Studies	36	1	445	479	416
Personal and Culinary Services	48	1	431	425	415
Philosophy and Religious Studies	9	0	468	450	450
Physical Sciences	57	1	498	560	480
Precision Production					
Psychology	281	5	479	469	470
Public Administration and Social Services Professions	33	1	418	419	418
Security and Protective Services	78	1	448	459	443
Social Sciences	73	1	530	499	509
Theology and Religious Vocations	7	0	597	547	536
Transportation and Materials Moving	15	0	407	481	432
Visual and Performing Arts	500	8	494	489	480
Other	89	1	442	461	434
Undecided	205	3	507	535	496
<b>Degree-Level Goal</b>					
Certificate Program	74	1	423	436	406
Associate Degree	108	1	389	391	385
Bachelor's Degree	2,194	30	447	464	435
Master's Degree	2,095	29	480	503	471
Doctoral or Related Degree	1,245	17	514	538	506
Other	41	1	407	442	400
Undecided	1,556	21	486	511	476

## College Plans

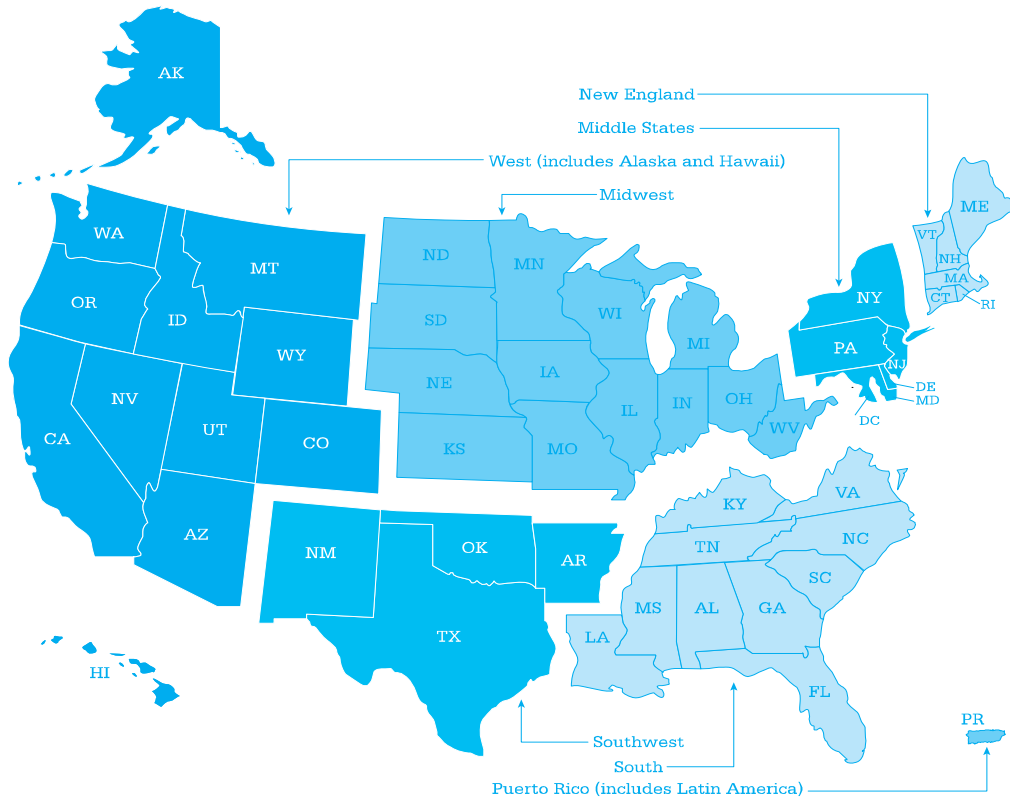
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 8,339 students from your state who took the SAT and/or an SAT Subject Test, 6,202 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 1,272 institutions received score reports from your students.

<b>Institution</b>	<b>State</b>	<b>Type</b>	<b>Number of Students</b>	<b>Percent of Score Senders*</b>
UNIVERSITY OF HAWAII AT MANOA	HI	Public	3,932	63.4
HAWAII PACIFIC UNIVERSITY	HI	Private	1,237	19.9
UNIVERSITY OF HAWAII AT HILO	HI	Public	1,003	16.2
UNIVERSITY OF WASHINGTON	WA	Public	762	12.3
OREGON STATE UNIVERSITY	OR	Public	730	11.8
UNIVERSITY OF OREGON	OR	Public	663	10.7
NCAA ELIGIBILITY CENTER	IN	Public	622	10.0
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	612	9.9
CHAMINADE UNIVERSITY OF HONOLULU	HI	Private	593	9.6
UNIVERSITY OF PORTLAND	OR	Private	591	9.5
WASHINGTON STATE UNIVERSITY	WA	Public	506	8.2
UNIVERSITY OF NEVADA LAS VEGAS	NV	Public	466	7.5
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	453	7.3
UNIVERSITY OF SAN FRANCISCO	CA	Private	435	7.0
STANFORD UNIVERSITY	CA	Private	386	6.2
SANTA CLARA UNIVERSITY	CA	Private	383	6.2
LOYOLA MARYMOUNT UNIVERSITY	CA	Private	376	6.1
SEATTLE UNIVERSITY	WA	Private	373	6.0
UNIVERSITY OF THE PACIFIC	CA	Private	364	5.9
PACIFIC UNIVERSITY	OR	Private	347	5.6
PORTLAND STATE UNIVERSITY	OR	Public	310	5.0
UNIVERSITY OF SAN DIEGO	CA	Private	303	4.9
NORTHERN ARIZONA UNIVERSITY	AZ	Public	299	4.8
LEEWARD COMMUNITY COLLEGE	HI	Public	293	4.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	286	4.6
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	263	4.2
UNIVERSITY HAWAII WEST OAHU	HI	Public	245	4.0
BOSTON UNIVERSITY	MA	Private	242	3.9
UNIVERSITY OF CALIFORNIA IRVINE	CA	Public	236	3.8
SAN DIEGO STATE UNIVERSITY	CA	Public	225	3.6
HONOLULU COMMUNITY COLLEGE	HI	Public	222	3.6
NEW YORK UNIVERSITY	NY	Private	217	3.5
UNIVERSITY OF COLORADO BOULDER	CO	Public	207	3.3
CREIGHTON UNIVERSITY	NE	Private	196	3.2
CHAPMAN UNIVERSITY	CA	Private	191	3.1
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	170	2.7
UNIVERSITY OF PUGET SOUND	WA	Private	162	2.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	156	2.5
UNIVERSITY OF CALIFORNIA DAVIS	CA	Public	151	2.4
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	146	2.4
SAN FRANCISCO STATE UNIVERSITY	CA	Public	138	2.2
BRIGHAM YOUNG UNIVERSITY HAWAII CAMPUS	HI	Private	137	2.2
SOUTHERN OREGON UNIVERSITY	OR	Public	136	2.2
ARIZONA STATE UNIVERSITY	AZ	Public	135	2.2
WILLAMETTE UNIVERSITY	OR	Private	131	2.1

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

# Areas Served by College Board Regional Offices



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## Western Regional Office

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Mailing address:  
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787-759-8629 (Fax - Reception area)  
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## International Education Office

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