



2008 College-Bound Seniors

# State Profile Report

HAWAII

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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## The SAT® Program

The SAT Reasoning Test™ (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 2008* includes students who tested through March 2008.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2008 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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 200–800 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: Connecting Students to College Success

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 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 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.

### A note about changes to the SAT Questionnaire:

In the 2006-2007 academic year, changes to the SAT Questionnaire were made. Sections of this report most notably affected by this change are Course-Taking Patterns and Intended College Major. In this year's report, the questionnaire responses of some students were not reported as their responses did not map to the current reporting tables. For complete details on the changes please visit [www.collegeboard.com/cbs](http://www.collegeboard.com/cbs).

# Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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

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 2000–2008, all scores are reported on the recentered scale.

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## SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2008. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2008. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Total	8,195	481	108	502	116	470	105	47.0	10.6	7.0	1.6

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Male	3,695	480	110	515	119	462	104	46.2	10.4	6.8	1.7
Female	4,497	483	106	492	112	477	104	47.6	10.6	7.1	1.5
No Response**	3										

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

Scores are from the last administration in which seniors took the SAT Reasoning Test.

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Senior (2007-2008)	6,400	472	103	492	111	460	99	46.0	10.0	6.9	1.6
Junior (2006-2007)	1,784	516	118	538	123	504	116	50.4	11.8	7.3	1.6
Sophomore (2005-2006)	8	503		484		461		46.4		7.0	
Freshman (2004-2005)	3										
Total	8,195	481	108	502	116	470	105	47.0	10.6	7.0	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 Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	Essay
Total Group	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 8,195 students in this report, 8,193 students have scores on 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 .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

\*\*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

## SAT Reasoning Test 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 Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	550	580	540	580	590	570
50th	480	500	460	500	510	490
25th	410	420	390	420	430	420

**Table 6: Score Distributions**

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	33	47	80	108	54	162	18	36	54
700–740	86	82	168	161	133	294	50	82	132
650–690	152	193	345	286	254	540	127	194	321
600–640	318	380	698	381	360	741	216	281	497
550–590	400	492	892	560	628	1,188	369	516	885
500–540	596	753	1,350	565	744	1,309	539	722	1,261
450–490	640	806	1,446	569	759	1,328	624	817	1,441
400–440	637	817	1,454	469	679	1,150	713	813	1,527
350–390	464	536	1,001	337	479	816	586	635	1,221
300–340	236	251	487	164	267	431	306	280	587
250–290	83	97	181	60	90	150	105	90	196
200–240	50	43	93	35	50	86	40	31	71

**Table 7: Type of High School**

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	4,963	63	43	57	456	473	441
Religiously Affiliated	1,281	16	47	53	517	537	512
Independent	1,599	20	49	51	534	571	529
Other or Unknown	352						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	8,127	99	481	108	502	115	470	104
Nonstandard Conditions	68	1	488	119	496	129	471	115

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

## Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Reasoning Test 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	56	1	505	109	506	118	487	115
Asian, Asian American, or Pacific Islander	5,601	68	473	105	504	116	464	101
Black or African American	162	2	451	97	449	103	429	95
Mexican or Mexican American	63	1	492	89	489	99	476	90
Puerto Rican	69	1	459	106	468	117	440	100
Other Hispanic, Latino, or Latin American	75	1	475	103	468	90	456	102
White	1,117	14	530	103	520	104	510	102
Other	698	9	484	116	492	122	472	113
No Response	354	4	469	121	472	120	459	118
Total	8,195	100	481	108	502	116	470	105

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test 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	520		545		493	
Asian, Asian American, or Pacific Islander	2,530	31	473	106	518	120	458	102
Black or African American	88	1	441	107	462	116	415	103
Mexican or Mexican American	23	0	473		495		465	
Puerto Rican	20	0	466		490		447	
Other Hispanic, Latino, or Latin American	29	0	476	101	490	98	451	107
White	503	6	530	104	534	107	501	100
Other	309	4	479	119	504	123	457	112
No Response	171	2	456	115	471	117	440	112
Total	3,695	45	480	110	515	119	462	104

Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test 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	34	0	496	117	481	117	483	118
Asian, Asian American, or Pacific Islander	3,068	37	473	103	493	112	470	101
Black or African American	74	1	462	80	433	84	446	82
Mexican or Mexican American	40	0	503	80	486	98	482	94
Puerto Rican	49	1	456	113	459	126	437	107
Other Hispanic, Latino, or Latin American	46	1	475	104	453	82	458	98
White	614	7	529	102	508	100	517	104
Other	389	5	488	113	484	120	484	113
No Response	183	2	480	125	473	123	476	120
Total	4,497	55	483	106	492	112	477	104

## Demographic Information

### SAT Reasoning Test: 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 Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	8,195	100	481	108	502	116	470	105
<b>First Language Learned</b>								
English	5,827	78	480	103	494	108	467	99
English and Another	1,111	15	457	100	481	113	449	99
Another Language	492	7	439	104	507	120	440	104
No Response	765							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	7,311	96	483	105	500	113	470	102
U.S. Permanent Resident or Refugee	204	3	415	99	485	120	418	96
Citizen of Another Country	96	1	406	100	534	119	421	96
Other, Unknown, or No Response	584							
<b>Disabling Condition</b>								
Yes	350	4	468	105	474	112	452	99
Unknown or No Response	7,845							
<b>Plans to Apply for Financial Aid</b>								
Yes	5,443	78	475	104	493	110	463	100
No	271	4	489	106	508	110	476	101
Don't Know	1,249	18	469	100	491	104	456	94
<b>Family Income</b>								
\$0 - \$20,000	441	9	428	99	448	108	423	90
\$20,000–\$40,000	772	15	450	96	467	106	435	93
\$40,000–\$60,000	932	18	466	99	481	106	454	95
\$60,000–\$80,000	968	19	474	96	490	104	462	94
\$80,000–\$100,000	760	15	483	99	503	107	469	95
\$100,000–\$120,000	552	11	492	101	516	105	480	95
\$120,000–\$140,000	211	4	486	90	513	107	473	93
\$140,000–\$160,000	133	3	503	110	533	115	493	101
\$160,000–\$200,000	137	3	511	94	518	108	498	99
More than \$200,000	146	3	518	109	544	113	507	106
No Response	3,143							
<b>Highest Level of Parental Education</b>								
No High School Diploma	178	3	417	101	459	117	424	96
High School Diploma	2,610	38	447	95	463	104	435	89
Associate Degree	771	11	452	89	473	98	441	89
Bachelor's Degree	2,150	31	490	101	512	109	477	98
Graduate Degree	1,168	17	531	104	541	106	515	104
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	2,276	33	485	106	511	114	474	101
Yes, As a Sophomore or Younger	1,069	16	474	102	489	109	461	99
Yes, As a Junior and As a Sophomore or Younger	2,015	29	517	100	542	106	510	97
No	1,494	22	431	93	441	97	413	85

## Academic Information

### Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	1,110	28	34	66	541	567	532
Second Tenth	1,060	27	43	57	480	509	469
Second Fifth	862	22	49	50	465	486	450
Final Three Fifths	959	24	54	45	430	445	414
No Response	4,204						

Table 14: High School Grade Point Average

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	282	4	31	69	561	581	552
A (93–96)	1,120	15	33	67	518	549	516
A- (90–92)	1,444	19	39	61	510	539	501
B (80–89)	3,590	48	47	53	466	484	452
C (70–79)	976	13	62	38	423	433	405
D, E, or F (below 70)	20	0	65	35	408	391	376
No Response	763						
<b>Mean Grade Point Average</b>	<b>All Students: 3.25</b>		<b>Male: 3.13</b>		<b>Female: 3.35</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.0	2.1	2.1	3.67	3.83	3.76
English and Language Arts	3.9	3.9	3.9	3.09	3.37	3.25
Foreign and Classical Languages	2.4	2.6	2.5	3.18	3.47	3.35
Mathematics	3.8	3.8	3.8	2.97	3.00	2.99
Natural Sciences	3.5	3.5	3.5	3.14	3.23	3.19
Social Sciences and History	3.8	3.8	3.8	3.25	3.43	3.35
<b>Total for All Subjects</b>	<b>19.4</b>	<b>19.7</b>	<b>19.6</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 Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	208	3	42	58	514	526	503
4 Years	5,597	84	44	56	480	501	468
3 Years	733	11	43	57	443	461	432
2 Years	71	1	49	51	426	451	414
1 Year	18	0	61	39	476	451	446
1/2 Year or Less	10	0	50	50	460	521	448
No Response	1,558						
<b>Course Work or Experience</b>							
English/Language Arts	6,037	95	43	57	479	498	467
Journalism	750	12	39	61	485	485	473
Creative Writing	2,056	32	43	57	475	492	467
American Literature	3,362	53	43	57	485	502	475
Composition/Writing	2,454	39	42	58	480	497	470
British Literature	1,734	27	40	60	481	489	470
World Literature	2,123	33	42	58	482	495	471
Communications	725	11	45	55	468	495	464
Public Speaking	1,378	22	42	58	497	520	490
English As Second Language	323	5	39	61	406	472	407
AP®/Honors Courses	1,709	26	32	68	548	555	534

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	482	7	46	54	498	546	489
4 Years	4,295	65	45	55	486	509	474
3 Years	1,745	26	41	59	452	454	439
2 Years	95	1	55	44	423	424	405
1 Year	15	0	33	67	471	455	447
1/2 Year or Less	10	0	50	50	417	450	401
No Response	1,553						
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	1,309	20	44	56	551	605	541
Pre-calculus	1,399	21	42	58	506	537	494
Trigonometry	1,155	17	42	58	479	495	463
Algebra II	2,309	34	44	56	436	437	424
Algebra I	436	7	47	53	399	387	388
AP/Honors Courses	1,276	19	39	61	549	596	537

\*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

<b>Natural Sciences</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	343	5	43	57	516	543	504
4 Years	3,289	50	45	55	489	513	477
3 Years	2,621	40	43	57	463	477	451
2 Years	218	3	49	51	435	451	423
1 Year	72	1	35	65	453	443	436
1/2 Year or Less	52	1	38	62	423	441	416
No Response	1,600						
<b>Course Work or Experience</b>							
Biology	6,383	98	43	57	479	499	467
Chemistry	5,989	91	43	57	483	504	471
Physics	4,168	64	46	54	496	525	484
Geology, Earth, or Space Science	2,480	38	47	53	457	466	441
Other Sciences	2,836	43	39	61	476	489	463
AP/Honors Courses	1,306	20	39	61	549	585	539

<b>Social Sciences and History</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	297	5	41	59	523	530	507
4 Years	4,837	73	44	56	480	500	468
3 Years	1,237	19	45	55	464	486	453
2 Years	161	2	51	48	438	456	425
1 Year	32	0	31	69	449	461	443
1/2 Year or Less	25	0	48	52	431	466	433
No Response	1,606						
<b>Course Work or Experience</b>							
U.S. History	6,174	95	43	57	480	500	468
World History or Cultures	5,785	89	43	57	479	497	466
U.S. Government or Civics	3,652	56	43	57	469	482	455
Economics	2,397	37	45	55	482	508	472
Geography	1,434	22	43	57	466	484	453
Psychology	2,985	46	39	61	475	491	461
European History	1,223	19	48	52	513	530	502
Sociology	1,658	25	42	58	464	485	452
Ancient History	1,130	17	42	58	473	485	461
Other Courses	2,700	41	42	58	494	517	481
AP/Honors Courses	1,404	21	35	65	555	568	542

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

<b>Foreign and Classical Languages</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	127	2	46	54	531	550	525	
4 Years	1,091	17	33	66	524	543	518	
3 Years	1,652	25	42	58	506	530	496	
2 Years	3,057	46	47	53	456	475	441	
1 Year	388	6	48	52	430	439	413	
1/2 Year or Less	297	4	55	45	418	432	399	
No Response	1,583							
<b>Course Work or Experience</b>								
Chinese	123	2	47	53	523	577	523	
French	536	8	32	68	522	524	504	
German	41	1	39	61	523	498	498	
Greek	5	0	0	100	470	440	444	
Hebrew	3	0	33	67				
Italian	11	0	45	55	471	519	470	
Japanese	2,347	36	46	54	489	518	474	
Korean	26	0	42	58	483	545	477	
Latin	110	2	49	51	539	571	529	
Russian	5	0	0	100	426	488	436	
Spanish	3,061	47	41	58	472	483	461	
Other Languages	797	12	40	60	453	476	448	
AP/Honors Courses	353	5	32	68	585	608	584	

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	310	5	41	59	516	529	499
4 Years	1,205	19	40	60	509	527	499
3 Years	858	13	42	58	493	509	482
2 Years	1,354	21	43	57	480	502	469
1 Year	1,479	23	45	55	468	488	454
1/2 Year or Less	1,219	19	49	51	441	462	428
No Response	1,770						
<b>Course Work or Experience</b>							
Acting or Play Production	953	16	32	68	520	514	505
Art History or Appreciation	1,270	21	39	61	493	505	483
Dance	828	14	18	82	482	491	477
Drama: Study or Appreciation	747	13	32	67	514	513	500
Music: Study or Appreciation	626	11	46	54	502	510	488
Music Performance	2,390	40	44	56	498	518	485
Photography or Film	1,670	28	34	66	492	498	479
Studio Art and Design	1,316	22	36	64	495	508	483
None	1,235	21	54	46	442	466	428
AP/Honors Courses	141	2	33	67	547	551	528

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	3,817	64	44	56	484	502	471
Computer Programming	897	15	50	50	460	489	452
Word Processing	4,144	70	42	58	483	501	471
Internet Activity	3,418	57	42	58	484	499	470
Using Computer Graphics	1,966	33	43	57	485	501	473
Creating Spreadsheets/Databases	1,839	31	40	60	488	511	477
None	927	16	41	59	464	485	453

## 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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
1,139	2,987	1,097	602	641	598

  

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	71	6
2	484	42
3	442	39
4 or More	142	12

Table 21: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

Most, but not all, students who take SAT Subject Tests also take the SAT Reasoning Test. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT Reasoning Test scores for those students who also took the SAT Reasoning Test.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	478	590	103	454	616	94	610	92	604	93
<b>History and Social Studies</b>										
U.S. History	398	604	116	376	626	92	640	93	619	91
World History	42	545	108	38	597	90	595	88	601	84
<b>Mathematics</b>										
Mathematics Level 1	297	590	114	269	587	107	626	105	579	105
Mathematics Level 2	778	646	99	765	609	90	666	81	606	87
<b>Science</b>										
Biology-E	92	608	102	88	604	100	630	90	599	89
Biology-M	197	642	90	193	620	91	675	74	626	88
Chemistry	332	634	102	323	617	88	684	84	616	92
Physics	171	653	100	169	623	87	703	78	619	88
<b>Foreign and Classical Languages</b>										
Chinese/Listening	36	711	69	36	591	117	670	73	590	113
French	23	594		23	670		689		679	
French/Listening	9	601		9	644		676		664	
German	1			1						
German/Listening										
Modern Hebrew										
Italian	1			1						
Japanese/Listening	53	648	106	53	567	123	621	103	565	110
Korean/Listening	16	780		16	467		642		523	
Latin	1			1						
Spanish	51	518	109	49	619	77	632	79	627	64
Spanish/Listening	11	594		11	652		609		649	

## 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	22	5	38	10	1	2
700-740	60	13	68	17	5	12
650-690	84	18	63	16	4	10
600-640	83	17	55	14	1	2
550-590	74	15	57	14	6	14
500-540	57	12	33	8	13	31
450-490	49	10	41	10	3	7
400-440	32	7	24	6	6	14
350-390	14	3	15	4	3	7
300-340	3	1	3	1		
250-290			1	0		
200-240						
Total	478		398		42	
Mean	590		604		545	
SD	103		116		108	
75th percentile	670		700		590	
50th percentile	600		620		520	
25th percentile	520		520		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	17	6	160	21	6	7	16	8	49	15	38	22
700-740	46	15	111	14	15	16	46	23	58	17	27	16
650-690	48	16	106	14	13	14	50	25	69	21	29	17
600-640	50	17	145	19	19	21	32	16	57	17	22	13
550-590	36	12	116	15	15	16	23	12	30	9	28	16
500-540	38	13	85	11	9	10	13	7	21	6	16	9
450-490	21	7	44	6	10	11	10	5	33	10	8	5
400-440	20	7	9	1	2	2	5	3	14	4	3	2
350-390	12	4	2	0	1	1	2	1	1	0		
300-340	9	3			2	2						
250-290												
200-240												
Total	297		778		92		197		332		171	
Mean	590		646		608		642		634		653	
SD	114		99		102		90		102		100	
75th percentile	680		730		690		710		700		740	
50th percentile	610		640		620		660		650		660	
25th percentile	510		570		540		590		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	14	39	3	13								
700-740	8	22	2	9	2	22						
650-690	7	19	1	4	1	11	1	100				
600-640	4	11	6	26	2	22						
550-590	3	8	4	17	2	22						
500-540			2	9								
450-490			3	13	2	22						
400-440			1	4								
350-390			1	4								
300-340												
250-290												
200-240												
Total	36		23		9		1					
Mean	711		594		601							
SD	69											
75th percentile	760		610									
50th percentile	710		580									
25th percentile	650		490									

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	100	14	26	13	81			1	2		
700-740			3	6	2	13			2	4	2	18
650-690			10	19	1	6			2	4	3	27
600-640			12	23			1	100	8	16		
550-590			7	13					7	14	2	18
500-540			3	6					10	20	3	27
450-490			3	6					8	16		
400-440									4	8		
350-390									4	8	1	9
300-340			1	2					5	10		
250-290												
200-240												
Total	1		53		16		1		51		11	
Mean			648		780				518		594	
SD			106						109			
75th percentile			730						590			
50th percentile			640						520			
25th percentile			560						440			

## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
<b>Intended College Major</b>					
Agriculture, Agriculture Operations, and Related Sciences	35	1	436	433	418
Architecture and Related Services	151	3	472	518	466
Area, Ethnic, Cultural and Gender Studies	16	0	477	495	499
Biological and Biomedical Sciences	251	4	513	534	501
Business Management, Marketing, and Related Support Services	747	13	466	490	455
Communication, Journalism and Related Programs	207	4	503	487	494
Computer and Information Sciences and Support Services	176	3	479	515	458
Construction Trades	19	0	375	394	364
Education	322	6	460	475	453
Engineering	488	8	482	543	469
Engineering Technologies/Technicians	125	2	449	493	432
English Language and Literature/Letters	70	1	561	520	538
Family and Consumer Sciences/Human Sciences	13	0	445	458	450
Foreign Languages, Literatures, and Linguistics	71	1	536	506	512
Health Professions and Related Clinical Services	1,406	24	457	484	452
History	31	1	521	470	476
Legal Professions and Studies	115	2	499	514	490
Liberal Arts and Sciences, General Studies, and Humanities	61	1	478	466	458
Library Science/Librarianship	1	0			
Mathematics and Statistics	29	1	516	598	521
Mechanic and Repair Technologies/Technician	48	1	409	443	387
Military Sciences	11	0	485	494	473
Multi/Interdisciplinary Studies	7	0	583	576	581
Natural Resources and Conservation	52	1	500	474	456
Parks, Recreation, Leisure and Fitness Studies	28	0	391	414	405
Personal and Culinary Services	42	1	458	456	429
Philosophy and Religious Studies	11	0	548	545	520
Physical Sciences	62	1	514	547	492
Precision Production					
Psychology	201	3	499	488	479
Public Administration and Social Services Professions	39	1	435	414	415
Security and Protective Services	64	1	424	428	398
Social Sciences	110	2	552	528	537
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	10	0	443	495	434
Visual and Performing Arts	488	8	494	486	476
Other	75	1	457	455	442
Undecided	167	3	503	522	477
<b>Degree-Level Goal</b>					
Certificate Program	81	1	428	448	414
Associate Degree	104	1	396	404	382
Bachelor's Degree	2,139	31	446	463	434
Master's Degree	1,959	28	483	503	472
Doctoral or Related Degree	1,175	17	510	531	496
Other	37	1	416	423	417
Undecided	1,450	21	487	505	473

## College Plans

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

Of the 8,237 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 6,094 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 1,269 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF HAWAII AT MANOA	HI	Public	3,973	65.2
HAWAII PACIFIC UNIVERSITY	HI	Private	1,335	21.9
UNIVERSITY OF HAWAII AT HILO	HI	Public	1,003	16.5
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	781	12.8
OREGON STATE UNIVERSITY	OR	Public	735	12.1
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	638	10.5
CHAMINADE UNIVERSITY OF HONOLULU	HI	Private	635	10.4
UNIVERSITY OF PORTLAND	OR	Private	590	9.7
UNIVERSITY OF NEVADA LAS VEGAS	NV	Public	578	9.5
UNIVERSITY OF OREGON	OR	Public	562	9.2
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	489	8.0
UNIVERSITY OF SAN FRANCISCO	CA	Private	476	7.8
NCAA ELIGIBILITY CENTER	IA	Public	454	7.4
WASHINGTON STATE UNIVERSITY	WA	Public	442	7.3
STANFORD UNIVERSITY	CA	Private	433	7.1
SANTA CLARA UNIVERSITY	CA	Private	412	6.8
LOYOLA MARYMOUNT UNIVERSITY	CA	Private	399	6.5
SEATTLE UNIVERSITY	WA	Private	368	6.0
PACIFIC UNIVERSITY	OR	Private	361	5.9
UNIVERSITY OF THE PACIFIC	CA	Private	340	5.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	337	5.5
PORTLAND STATE UNIVERSITY	OR	Public	325	5.3
UNIVERSITY OF SAN DIEGO	CA	Private	305	5.0
LEEWARD COMMUNITY COLLEGE	HI	Public	294	4.8
UNIVERSITY OF COLORADO BOULDER	CO	Public	259	4.3
NORTHERN ARIZONA UNIVERSITY	AZ	Public	250	4.1
UNIVERSITY OF CALIFORNIA IRVINE	CA	Public	243	4.0
SAN DIEGO STATE UNIVERSITY	CA	Public	240	3.9
NEW YORK UNIVERSITY	NY	Private	239	3.9
BOSTON UNIVERSITY	MA	Private	238	3.9
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	237	3.9
HONOLULU COMMUNITY COLLEGE	HI	Public	236	3.9
CREIGHTON UNIVERSITY	NE	Private	219	3.6
CHAPMAN UNIVERSITY	CA	Private	214	3.5
UNIVERSITY OF PUGET SOUND	WA	Private	198	3.2
UNIVERSITY HAWAII WEST OAHU	HI	Public	197	3.2
BRIGHAM YOUNG UNIVERSITY HAWAII CAMPUS	HI	Private	178	2.9
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	175	2.9
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	168	2.8
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	167	2.7
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	167	2.7
GONZAGA UNIVERSITY	WA	Private	165	2.7
UNIVERSITY OF NORTHERN COLORADO	CO	Public	159	2.6
WILLAMETTE UNIVERSITY	OR	Private	156	2.6
UNIVERSITY OF CALIFORNIA DAVIS	CA	Public	154	2.5

\*Of your students who designated that their SAT Reasoning Test 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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