

# State Profile Report

ARIZONA

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

# The SAT<sup>®</sup> Program

The SAT Reasoning Test<sup>™</sup> (formerly known as the SAT<sup>®</sup> I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests<sup>™</sup> (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 2006* includes students who tested through April 2006.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2006 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, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

## 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 5,000 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<sup>®</sup>, the PSAT/NMSQT<sup>®</sup>, and the Advanced Placement Program<sup>®</sup> (AP<sup>®</sup>). 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 Reasoning Test Scores

## College-Bound Seniors, 1972–2006

<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

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 2000–2006, 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 2006. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through April 2006. 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*	
	Number	Mean	SD	Mean	SD	Mean	SD
Total	18,615	521	100	528	100	507	97

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	8,584	521	101	547	101	499	99
Female	10,031	520	99	512	96	513	95

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	
	Number	Mean	SD	Mean	SD	Mean	SD
Senior	9,782	507	98	515	99	493	94
Junior	8,672	535	101	543	100	523	98
Sophomore	140	531	103	539	113		
Freshman	21	556		548			
Total	18,615	521	100	528	100	507	97

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	
	Number	Mean	SD	Mean	SD	Mean	SD
Total Group	1,465,744	503	113	518	115	497	109

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 18,615 students in this report, 17,534 students have scores on the SAT writing section.

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	590	600	570	580	600	570
50th	520	520	500	500	520	490
25th	450	460	440	430	440	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	139	153	292	176	84	260	72	97	169
700–749	235	287	522	427	246	673	184	247	431
650–699	565	624	1,189	893	594	1,487	357	511	868
600–649	1,095	1,164	2,259	1,347	1,069	2,416	684	978	1,662
550–599	1,416	1,665	3,081	1,481	1,487	2,968	1,159	1,557	2,716
500–549	1,716	2,075	3,791	1,604	2,079	3,683	1,585	1,894	3,479
450–499	1,476	1,805	3,281	1,269	1,963	3,232	1,646	1,955	3,601
400–449	1,071	1,278	2,349	838	1,459	2,297	1,244	1,262	2,506
350–399	548	664	1,212	356	709	1,065	674	661	1,335
300–349	210	227	437	140	237	377	350	245	595
250–299	72	55	127	34	85	119	74	46	120
200–249	41	34	75	19	19	38	32	20	52

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	15,313	88	46	54	519	529	504
Religiously Affiliated	1,747	10	49	51	542	533	533
Independent	338	2	47	53	545	548	544
Other or Unknown	1,217						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	18,526	100	521	100	528	100	507	97
Nonstandard Conditions	89	0	521	111	523	109	502	105

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	269	1	475	103	493	95	458	98
Asian, Asian American, or Pacific Islander	1,107	6	522	114	569	112	514	115
Black or African American	689	4	462	95	461	94	449	92
Mexican or Mexican American	1,977	11	480	90	488	92	469	85
Puerto Rican	95	1	506	104	482	103	479	105
Other Hispanic, Latino, or Latin American	646	3	479	98	481	96	464	91
White	12,096	65	533	95	539	95	518	93
Other	623	3	519	103	514	102	505	99
No Response*	1,113	6	533	118	535	107	518	110
Total	18,615	100	521	100	528	100	507	97

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	122	1	488	110	520	94	462	103
Asian, Asian American, or Pacific Islander	527	3	519	114	583	113	502	115
Black or African American	332	2	457	95	470	98	434	93
Mexican or Mexican American	837	4	483	89	509	92	464	84
Puerto Rican	50	0	522	125	508	120	487	124
Other Hispanic, Latino, or Latin American	261	1	489	102	508	100	467	95
White	5,648	30	532	96	557	96	509	94
Other	272	1	521	105	531	109	495	103
No Response*	535	3	533	119	552	108	511	113
Total	8,584	46	521	101	547	101	499	99

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	147	1	464	95	470	90	455	93
Asian, Asian American, or Pacific Islander	580	3	525	113	555	110	525	114
Black or African American	357	2	467	95	453	89	463	88
Mexican or Mexican American	1,140	6	479	91	472	89	473	86
Puerto Rican	45	0	487	70	454	70	471	78
Other Hispanic, Latino, or Latin American	385	2	472	94	463	89	463	88
White	6,448	35	534	94	523	91	526	91
Other	351	2	518	101	501	94	512	95
No Response*	578	3	533	117	520	104	525	106
Total	10,031	54	520	99	512	96	513	95

\*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.

## 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	18,615	100	521	100	528	100	507	97
<b>First Language Learned</b>								
English	15,233	84	528	96	532	97	512	94
English and Another	1,662	9	495	103	506	105	486	102
Another Language	1,205	7	477	110	515	114	469	106
No Response*	515							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	16,805	96	524	98	529	99	509	96
U.S. Permanent Resident or Refugee	447	3	482	116	524	116	477	117
Citizen of Another Country	217	1	469	117	543	124	474	109
Other, Unknown, or No Response*	1,146							
<b>Disabling Condition</b>								
Yes	902	5	508	104	507	102	485	99
Unknown or No Response*	17,713							
<b>Plans to Apply for Financial Aid</b>								
Yes	11,466	67	522	100	528	100	507	97
No	1,617	9	521	96	525	100	511	94
Don't Know	4,097	24	518	98	532	99	505	95
<b>Family Income</b>								
Less than \$10,000	277	2	475	108	491	115	461	103
\$10,000–\$20,000	550	4	479	100	487	96	462	93
\$20,000–\$30,000	843	7	489	98	495	97	477	96
\$30,000–\$40,000	1,116	9	501	98	508	94	486	91
\$40,000–\$50,000	1,039	8	509	97	519	98	494	92
\$50,000–\$60,000	1,167	9	507	93	516	93	493	94
\$60,000–\$70,000	1,111	9	518	98	524	98	500	96
\$70,000–\$80,000	1,176	9	525	97	525	99	506	94
\$80,000–\$100,000	1,943	15	531	96	537	96	515	91
More than \$100,000	3,391	27	539	97	550	99	527	96
No Response*	6,002							
<b>Highest Level of Parental Education</b>								
No High School Diploma	524	3	448	92	467	89	439	88
High School Diploma	4,820	28	491	92	501	92	478	87
Associate Degree	1,308	8	497	88	506	93	480	86
Bachelor's Degree	5,753	33	532	94	538	97	516	92
Graduate Degree	4,982	29	553	101	558	102	540	100
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	5,388	33	521	94	527	95	507	92
Yes, As a Sophomore or Younger	2,760	17	522	93	531	94	505	89
Yes, As a Junior and As a Sophomore or Younger	3,555	22	572	98	580	96	560	95
No	4,465	28	484	93	491	93	467	87

\*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.

## 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
Top Tenth	4,082	39	42	58	578	593	566
Second Tenth	2,843	27	43	57	517	529	503
Second Fifth	1,891	18	51	49	498	507	483
Final Three Fifths	1,532	15	56	44	467	473	449
No Response*	8,267						

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)	1,904	11	38	63	587	603	577
A (93–96)	3,939	22	38	62	555	565	545
A- (90–92)	3,506	20	43	57	530	541	517
B (80–89)	7,011	40	50	50	493	497	477
C (70–79)	1,303	7	66	34	458	459	438
D, E, or F (below 70)	26	0	69	31	467	442	444
No Response*	926						
<b>Mean Grade Point Average</b>	<b>All Students: 3.47</b>		<b>Male: 3.36</b>		<b>Female: 3.56</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	1.9	2.3	2.1	3.80	3.91	3.86
English	3.9	3.9	3.9	3.32	3.56	3.45
Foreign and Classical Languages	2.5	2.6	2.6	3.28	3.54	3.42
Mathematics	3.9	3.9	3.9	3.23	3.26	3.25
Natural Sciences	3.4	3.4	3.4	3.37	3.46	3.42
Social Sciences and History	3.3	3.3	3.3	3.50	3.60	3.55
<b>Total for All Subjects</b>	<b>18.9</b>	<b>19.4</b>	<b>19.2</b>			

Table 16: Total Years of Study in Combined Six Academic Subjects

Total years of study is calculated by combining the number of years that students studied each of the following subjects during high school: Arts and Music, English, Foreign and Classical Languages, Mathematics, Natural Sciences, and Social Sciences and History. 'Incomplete Response' denotes the number of test-takers who did not respond to all six subjects.

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
20 or More Years	7,230	47	41	59	554	559	542
19 or 19.5 Years	2,148	14	45	55	514	521	498
18 or 18.5 Years	1,968	13	49	51	502	512	484
17 or 17.5 Years	1,511	10	49	51	487	499	473
16 or 16.5 Years	874	6	48	52	487	490	471
15 or 15.5 Years	581	4	53	47	486	489	467
Less than 15 Years	915	6	56	44	470	485	455
Incomplete Response	3,388						

\*'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.

## Academic Information

### Course-Taking Patterns

Table 17: English, Mathematics

<b>English</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	Writing
More Than 4 Years	606	4	42	58	518	522	509
4 Years	13,223	83	45	55	526	533	511
3 Years	1,808	11	45	55	500	507	486
2 Years	186	1	55	45	489	510	466
1 Year	40	0	68	33	542	551	552
1/2 Year or Less	23	0	70	30	460	485	445
No Response*	2,729						
<b>Course Work or Experience</b>							
American Literature	13,199	91	45	55	529	534	514
Grammar	9,754	67	45	55	531	535	517
Composition	9,642	66	44	56	539	541	524
Literature, Historical Periods	7,199	50	43	57	549	547	533
British Literature	4,697	32	43	57	556	553	538
Speaking and Listening	4,815	33	43	57	533	533	520
Literature, Other Country	3,019	21	43	57	557	554	542
English As Second Language	428	3	46	54	434	493	431
AP®/Honors Courses	7,137	45	39	61	568	567	554
<b>Mathematics</b>							
<b>Years of Study</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
More Than 4 Years	2,132	13	49	51	552	587	537
4 Years	10,847	68	45	55	524	529	510
3 Years	2,626	16	44	56	496	488	480
2 Years	288	2	52	48	478	472	463
1 Year	24	0	54	46	547	520	554
1/2 Year or Less	24	0	54	46	443	453	448
No Response*	2,674						
<b>Course Work or Experience</b>							
Algebra	15,420	97	45	55	521	528	507
Geometry	15,315	96	45	55	522	529	507
Trigonometry	8,196	52	46	54	539	554	526
Precalculus	9,691	61	46	54	544	561	530
Calculus	4,639	29	51	49	574	605	560
Other Math Courses	3,021	19	42	58	506	512	494
Computer Math	659	4	60	40	523	544	506
AP/Honors Courses	6,111	38	46	54	568	590	554

\*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.

## Academic Information

### Course-Taking Patterns

Table 18: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	746	5	50	50	562	593	548	
4 Years	6,167	39	47	53	540	549	526	
3 Years	7,515	47	43	57	511	514	496	
2 Years	1,122	7	50	50	485	495	470	
1 Year	212	1	53	47	476	491	456	
1/2 Year or Less	100	1	49	51	458	471	451	
No Response*	2,753							
<b>Course Work or Experience</b>								
Biology	15,352	97	45	55	523	529	508	
Chemistry	14,063	89	45	55	528	536	513	
Physics	8,268	52	51	49	542	559	527	
Geology, Earth, or Space Science	6,557	41	45	55	502	504	487	
Other Sciences	5,342	34	40	60	517	520	503	
AP/Honors Courses	5,629	35	44	56	572	585	558	
<b>Social Sciences and History</b>								
Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	556	3	46	54	558	563	542	
4 Years	5,918	37	47	53	531	532	517	
3 Years	7,461	47	43	57	519	530	504	
2 Years	1,753	11	48	52	499	512	484	
1 Year	167	1	54	46	491	517	477	
1/2 Year or Less	59	0	44	56	454	479	461	
No Response*	2,701							
<b>Course Work or Experience</b>								
U.S. History	15,445	97	45	55	523	530	508	
World History or Cultures	13,478	85	45	55	523	530	508	
U.S. Government or Civics	12,721	80	45	55	524	531	509	
Economics	8,197	52	44	56	527	537	512	
Geography	4,381	28	43	57	510	517	495	
Psychology	2,944	19	35	65	541	536	528	
European History	2,204	14	48	52	560	558	546	
Sociology	1,409	9	38	62	523	516	507	
Ancient History	1,151	7	50	50	536	536	520	
Anthropology	253	2	50	50	530	528	503	
Other Courses	2,517	16	43	57	528	534	514	
AP/Honors Courses	5,479	34	41	59	577	577	561	

\*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.

## Academic Information

### Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	417	3	35	65	570	579	564
4 Years	2,723	17	38	62	572	574	565
3 Years	3,690	23	44	56	538	546	527
2 Years	7,897	50	48	52	503	511	484
1 Year	795	5	52	48	485	487	464
1/2 Year or Less	385	2	58	42	450	463	430
No Response*	2,708						
<b>Course Work or Experience</b>							
Chinese	114	1	44	56	546	614	541
French	2,467	15	35	65	538	534	523
German	685	4	56	44	549	549	523
Greek	21	0	43	57	582	546	544
Hebrew	147	1	40	60	558	564	555
Italian	65	0	22	78	539	517	537
Japanese	209	1	52	48	555	558	529
Korean	38	0	50	50	491	555	491
Latin	507	3	54	46	580	577	562
Russian	50	0	40	60	498	504	480
Spanish	12,506	78	46	54	519	527	506
Other Languages	642	4	31	69	495	510	479
AP/Honors Courses	3,084	19	39	61	583	589	576

\*'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.

## Academic Information

### Course-Taking Patterns

Table 20: 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>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	808	5	36	64	549	548	534
4 Years	2,781	18	35	65	551	548	537
3 Years	1,999	13	35	65	530	528	518
2 Years	3,312	21	45	55	519	526	505
1 Year	5,508	35	53	47	513	527	498
1/2 Year or Less	1,322	8	56	44	480	500	469
No Response*	2,885						
<b>Course Work or Experience</b>							
Acting or Play Production	2,975	21	34	66	551	537	535
Art History or Appreciation	2,850	20	46	54	532	532	517
Dance	2,609	18	6	94	510	506	505
Drama: Study or Appreciation	2,621	18	32	68	537	526	523
Music: Study or Appreciation	1,979	14	45	55	559	551	543
Music Performance	5,251	36	42	58	546	549	531
Photography or Film	3,300	23	42	58	522	522	507
Studio Art and Design	3,371	23	45	55	531	535	515
None	1,619	11	61	39	488	507	472
AP/Honors Courses	1,182	8	37	63	584	579	570
<b>Computers</b>							
<b>Course Work or Experience</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
Computer Literacy	9,383	63	47	53	524	530	509
Computer Programming	2,169	14	65	35	521	539	502
Word Processing	10,145	68	47	53	524	530	508
Internet Activity	7,776	52	46	54	526	532	511
Using Computer Graphics	4,115	27	52	48	527	535	511
Creating Spreadsheets/Databases	4,988	33	50	50	529	540	513
None	2,730	18	36	64	532	535	519

\*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.

## SAT Subject Tests™ Data

Table 21: 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
1,657	4,436	1,501	627	638	619

  

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	96	6
2	524	32
3	895	54
4 or More	142	9

Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

Most, but not all, students who take the SAT Subject Tests also take the SAT Reasoning Test. This table provides a side-by-side presentation of the two scores for those students who took both tests.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading		Mathematics		Writing	
					Mean	SD	Mean	SD	Mean	SD
<b>English</b>										
Writing*	72	628	113	68	663	87	660	92	635	112
Literature	776	598	108	674	634	99	612	94	621	97
<b>History and Social Studies</b>										
U.S. History	825	621	116	752	645	90	641	91	634	94
World History	51	557	134	47	589	119	575	101	579	119
<b>Mathematics</b>										
Mathematics Level 1	631	579	103	528	603	100	608	91	594	98
Mathematics Level 2	891	653	96	843	637	96	672	77	631	95
<b>Science</b>										
Biology-E	133	605	108	120	625	108	643	91	618	101
Biology-M	137	643	106	132	645	95	658	82	636	94
Chemistry	333	618	116	305	635	99	676	88	630	98
Physics	200	637	89	190	629	93	690	75	624	98
<b>Foreign and Classical Languages</b>										
Chinese/Listening	27	783	40	26	619	144	705	83	609	137
French	57	601	127	54	668	88	643	87	662	97
French/Listening	9	620		8	648		599		633	
German	0			0						
German/Listening	4			4						
Modern Hebrew	0			0						
Italian	0			0						
Japanese/Listening	2			1						
Korean/Listening	12	753		12	527		649		532	
Latin	29	594	87	28	665	90	682	71	681	79
Spanish	207	611	124	196	634	98	641	87	640	92
Spanish/Listening	40	644	107	39	655	78	643	77	658	82

\*After the January 2005 administration, the SAT Subject Test in Writing was no longer administered because the SAT Reasoning Test now includes the writing section; 2006 is the last year for which scores for the SAT Subject Test in Writing are reported.

NOTE: The ELPT (English Language Proficiency Test) was last administered in January 2005. Please consult the 2005 College-Bound Seniors Reports for data on ELPT.

## SAT Subject Tests Score Distributions

Table 23: English, History and Social Studies

SAT Subject Tests	English				History and Social Studies			
	Writing		Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct	N	Pct
750–800	12	17	58	7	120	15	7	14
700–749	11	15	92	12	143	17	5	10
650–699	11	15	146	19	145	18	2	4
600–649	10	14	139	18	104	13	4	8
550–599	9	13	99	13	91	11	8	16
500–549	11	15	91	12	76	9	6	12
450–499	3	4	75	10	67	8	5	10
400–449	3	4	49	6	48	6	11	22
350–399	1	1	20	3	22	3	2	4
300–349	1	1	7	1	9	1		
250–299							1	2
200–249								
Total	72		776		825		51	
Mean	628		598		621		557	
SD	113		108		116		134	
75th percentile	720		680		710		660	
50th percentile	620		610		640		540	
25th percentile	540		510		530		440	

Table 24: 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	3	188	21	16	12	25	18	41	12	28	14
700–749	78	12	137	15	15	11	26	19	73	22	20	10
650–699	97	15	157	18	16	12	24	18	48	14	40	20
600–649	111	18	149	17	31	23	20	15	37	11	49	25
550–599	95	15	136	15	18	14	14	10	37	11	26	13
500–549	90	14	70	8	14	11	16	12	32	10	28	14
450–499	67	11	41	5	12	9	6	4	33	10	8	4
400–449	48	8	10	1	5	4	3	2	24	7	1	1
350–399	25	4	2	0	5	4	3	2	8	2		
300–349	3	0	1	0	1	1						
250–299												
200–249												
Total	631		891		133		137		333		200	
Mean	579		653		605		643		618		637	
SD	103		96		108		106		116		89	
75th percentile	660		730		690		730		710		690	
50th percentile	590		660		620		650		640		630	
25th percentile	500		580		520		570		520		570	

## SAT Subject Tests Score Distributions

Table 25: 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	25	93	10	18	3	33			1	25		
700–749			4	7								
650–699	1	4	9	16								
600–649	1	4	5	9	2	22			1	25		
550–599			8	14	1	11			1	25		
500–549			9	16	1	11						
450–499			7	12	1	11			1	25		
400–449												
350–399			4	7	1	11						
300–349			1	2								
250–299												
200–249												
Total	27		57		9		0		4		0	
Mean	783		601		620							
SD	40		127									
75th percentile	800		690									
50th percentile	800		590									
25th percentile	790		500									

Table 26: 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	50	9	75	2	7	38	18	9	23
700–749							1	3	28	14	6	15
650–699					1	8	5	17	18	9	6	15
600–649					2	17	7	24	28	14	4	10
550–599							6	21	27	13	7	18
500–549							5	17	23	11	4	10
450–499			1	50			2	7	26	13	2	5
400–449							1	3	7	3	2	5
350–399									12	6		
300–349												
250–299												
200–249												
Total	0		2		12		29		207		40	
Mean					753		594		611		644	
SD							87		124		107	
75th percentile							640		720		740	
50th percentile							580		610		650	
25th percentile							510		510		560	

## College Plans

Table 27: Intended College Major, Degree-Level Goal, Plans for Advanced Standing

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture or Natural Resources	77	1	508	494	491
Architecture or Environmental Design	472	4	496	526	489
Arts: Visual and Performing	1,184	9	535	521	522
Biological Sciences	835	7	539	547	526
Business and Commerce	1,842	14	501	513	488
Communications	480	4	533	504	525
Computer or Information Sciences	442	3	532	551	495
Education	844	7	510	506	494
Engineering and Engineering Technologies	1,185	9	532	585	511
Foreign or Classical Languages	102	1	580	554	559
General or Interdisciplinary Studies	75	1	536	531	524
Health and Allied Services	2,509	20	506	519	497
Home Economics	51	0	478	475	463
Language and Literature	283	2	600	540	588
Library and Archival Sciences	8	0	615	529	538
Mathematics	108	1	541	606	535
Military Sciences	109	1	529	537	492
Philosophy, Religion, or Theology	119	1	547	536	521
Physical Sciences	262	2	561	595	541
Public Affairs and Services	319	3	488	491	473
Social Sciences and History	1,073	8	554	529	532
Technical and Vocational	81	1	477	498	455
Undecided	260	2	522	535	504
<b>Degree-Level Goal</b>					
Certificate Program	125	1	486	493	463
Associate Degree	83	0	444	442	437
Bachelor's Degree	4,284	25	495	502	481
Master's Degree	5,089	30	526	532	510
Doctoral or Related Degree	3,944	23	543	551	530
Other	56	0	495	508	477
Undecided	3,626	21	527	534	513
<b>Plans for Advanced Standing in College Courses</b>					
Art	599	4	545	538	531
Biology	1,608	11	571	578	558
Chemistry	1,550	11	580	609	566
Computer Science	387	3	548	576	521
English	4,977	34	577	569	563
Foreign Languages	2,352	16	571	576	565
Humanities	430	3	589	577	575
Mathematics	4,314	30	565	600	552
Music	541	4	543	551	531
Physics	1,399	10	587	625	570
Social Studies	3,795	26	586	584	569
None of These	5,747	40	483	487	468

## College Plans

**Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 18,771 students from your state who participated in the SAT Program, 14,885 designated that their SAT 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 1,718 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	10,390	69.8
UNIVERSITY OF ARIZONA	AZ	Public	9,156	61.5
NORTHERN ARIZONA UNIVERSITY	AZ	Public	5,921	39.8
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	938	6.3
STANFORD UNIVERSITY	CA	Private	937	6.3
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	838	5.6
MESA COMMUNITY COLLEGE	AZ	Public	827	5.6
GLENDALE COMMUNITY COLLEGE ARIZONA	AZ	Public	660	4.4
PIMA COMMUNITY COLLEGE	AZ	Public	631	4.2
UNIVERSITY OF SAN DIEGO	CA	Private	619	4.2
SAN DIEGO STATE UNIVERSITY	CA	Public	612	4.1
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	582	3.9
GRAND CANYON UNIVERSITY	AZ	Private	526	3.5
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	518	3.5
NEW YORK UNIVERSITY	NY	Private	486	3.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	424	2.8
FLINN FOUNDATION SCHOL PROG	AZ	Scholarship	398	2.7
UNIVERSITY OF COLORADO BOULDER	CO	Public	392	2.6
NCAA INITIAL ELIG CLEARINGHSE	IA	Scholarship	385	2.6
BRIGHAM YOUNG UNIVERSITY UTAH	UT	Private	362	2.4
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	359	2.4
PEPPERDINE UNIVERSITY	CA	Private	342	2.3
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	322	2.2
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	308	2.1
BOSTON UNIVERSITY	MA	Private	296	2.0
PHOENIX COLLEGE	AZ	Public	290	1.9
YALE UNIVERSITY	CT	Private	276	1.9
UNIVERSITY OF TEXAS AUSTIN	TX	Public	268	1.8
LOYOLA MARYMOUNT UNIVERSITY	CA	Private	257	1.7
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY ARI	AZ	Private	253	1.7
NORTHWESTERN UNIVERSITY	IL	Private	251	1.7
PARADISE VALLEY COMMUNITY COLLEGE CENTER	AZ	Public	243	1.6
CHANDLER GILBERT COMMUNITY COLLEGE	AZ	Public	242	1.6
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	236	1.6
PRINCETON UNIVERSITY	NJ	Private	235	1.6
SANTA CLARA UNIVERSITY	CA	Private	235	1.6
DUKE UNIVERSITY	NC	Private	222	1.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	222	1.5
BROWN UNIVERSITY	RI	Private	205	1.4
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	203	1.4
UNIVERSITY OF NOTRE DAME	IN	Private	202	1.4
CORNELL UNIVERSITY	NY	Private	198	1.3
WASHINGTON UNIVERSITY	MO	Private	195	1.3
BOSTON COLLEGE	MA	Private	187	1.3
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	179	1.2

\*Of your students who designated that their SAT Program 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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