



2008 College-Bound Seniors

# State Profile Report

ARKANSAS

## 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	1,467	575	109	567	102	559	102	56.6	10.4	7.4	1.5

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	653	582	110	592	103	555	104	56.4	10.5	7.3	1.6
Female	814	569	108	548	97	563	100	56.9	10.3	7.5	1.5
No Response**											

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)	962	579	113	569	106	561	104	56.9	10.6	7.4	1.6
Junior (2006-2007)	468	571	103	564	96	559	97	56.6	10.1	7.4	1.5
Sophomore (2005-2006)	33	531	88	564	80	507	68	51.1	6.9	7.2	1.3
Freshman (2004-2005)	4										
Total	1,467	575	109	567	102	559	102	56.6	10.4	7.4	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT 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 1,467 students in this report, 1,466 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	660	640	630	580	590	570
50th	580	580	560	500	510	490
25th	510	500	490	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	42	31	73	46	15	61	13	21	34
700-740	51	66	117	44	23	67	46	53	99
650-690	97	114	211	121	84	205	72	98	170
600-640	119	141	260	129	146	275	97	140	237
550-590	115	140	255	109	169	278	147	163	310
500-540	98	120	218	90	145	235	105	143	248
450-490	55	83	138	56	116	172	72	96	168
400-440	37	75	112	34	64	98	58	53	111
350-390	26	26	52	13	33	46	21	35	56
300-340	8	9	17	8	10	18	14	8	22
250-290	3	6	9	3	7	10	4	3	7
200-240	2	3	5		2	2	3	1	4

**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	1,056	80	42	58	575	570	559
Religiously Affiliated	219	17	57	43	569	567	552
Independent	46	3	33	67	577	560	590
Other or Unknown	146						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,463	100	575	109	567	102	559	102
Nonstandard Conditions	4	0						

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	13	1	570		539		549	
Asian, Asian American, or Pacific Islander	119	8	546	144	628	99	539	127
Black or African American	101	7	471	108	468	102	469	100
Mexican or Mexican American	23	2	571		539		545	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	22	1	535		547		513	
White	1,121	76	589	99	572	96	572	94
Other	28	2	587	118	569	89	554	96
No Response	36	2	578	108	547	103	546	93
Total	1,467	100	575	109	567	102	559	102

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	5	0	578		566		520	
Asian, Asian American, or Pacific Islander	57	4	558	147	660	93	547	125
Black or African American	32	2	458	97	467	102	440	104
Mexican or Mexican American	11	1	580		566		550	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	9	1	573		561		521	
White	510	35	593	100	595	95	565	97
Other	9	1	630		622		558	
No Response	18	1	588		568		538	
Total	653	45	582	110	592	103	555	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	8	1	565		523		568	
Asian, Asian American, or Pacific Islander	62	4	535	140	599	95	532	128
Black or African American	69	5	477	112	468	101	482	96
Mexican or Mexican American	12	1	563		514		540	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	13	1	508		537		507	
White	611	42	585	97	554	92	577	92
Other	19	1	567		543		552	
No Response	18	1	567		527		554	
Total	814	55	569	108	548	97	563	100

## 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	1,467	100	575	109	567	102	559	102
<b>First Language Learned</b>								
English	1,183	88	578	103	563	100	562	98
English and Another	88	7	534	124	563	99	533	116
Another Language	67	5	509	137	595	119	504	121
No Response	129							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,263	95	576	104	562	100	560	98
U.S. Permanent Resident or Refugee	27	2	570	140	596	126	567	127
Citizen of Another Country	34	3	446	142	612	116	456	129
Other, Unknown, or No Response	143							
<b>Disabling Condition</b>								
Yes	79	5	523	96	515	110	518	103
Unknown or No Response	1,388							
<b>Plans to Apply for Financial Aid</b>								
Yes	898	72	578	107	565	101	562	99
No	107	9	559	104	549	101	549	95
Don't Know	246	20	563	109	571	104	553	107
<b>Family Income</b>								
\$0 - \$20,000	61	6	502	135	516	126	493	135
\$20,000–\$40,000	139	14	552	121	536	110	527	112
\$40,000–\$60,000	174	17	557	114	562	110	543	105
\$60,000–\$80,000	174	17	583	98	585	95	562	88
\$80,000–\$100,000	131	13	579	107	563	102	566	98
\$100,000–\$120,000	133	13	572	103	561	97	561	91
\$120,000–\$140,000	52	5	587	94	573	84	565	95
\$140,000–\$160,000	30	3	593	82	550	84	587	83
\$160,000–\$200,000	37	4	592	80	574	85	565	92
More than \$200,000	92	9	598	93	595	91	586	89
No Response	444							
<b>Highest Level of Parental Education</b>								
No High School Diploma	10	1	499		474		453	
High School Diploma	282	22	538	115	534	107	525	107
Associate Degree	75	6	551	108	532	103	529	93
Bachelor's Degree	471	36	571	103	566	98	555	95
Graduate Degree	460	35	600	101	589	95	586	96
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	416	34	575	100	563	93	556	92
Yes, As a Sophomore or Younger	184	15	558	103	545	97	548	96
Yes, As a Junior and As a Sophomore or Younger	444	37	610	97	597	93	594	90
No	164	14	490	112	511	116	482	102

## 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	508	57	42	58	623	612	609
Second Tenth	214	24	47	53	551	548	526
Second Fifth	105	12	50	50	524	521	511
Final Three Fifths	59	7	54	46	470	453	458
No Response	581						

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)	233	18	35	65	628	622	613
A (93–96)	413	31	44	56	603	596	588
A- (90–92)	271	21	41	59	562	557	551
B (80–89)	370	28	50	50	523	511	506
C (70–79)	32	2	56	44	448	433	431
D, E, or F (below 70)	2	0	100	0			
No Response	146						
<b>Mean Grade Point Average</b>	<b>All Students: 3.69</b>		<b>Male: 3.63</b>		<b>Female: 3.74</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	2.2	2.6	2.4	3.84	3.95	3.90
English and Language Arts	4.0	4.0	4.0	3.55	3.73	3.65
Foreign and Classical Languages	2.6	2.8	2.7	3.59	3.73	3.67
Mathematics	4.2	4.1	4.2	3.49	3.54	3.52
Natural Sciences	3.8	3.8	3.8	3.59	3.59	3.59
Social Sciences and History	3.7	3.7	3.7	3.62	3.68	3.66
<b>Total for All Subjects</b>	<b>20.5</b>	<b>21.0</b>	<b>20.8</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 Reasoning Test Mean Scores</b>		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	91	8	33	67	581	581	574
4 Years	1,017	87	46	54	577	567	561
3 Years	62	5	32	68	527	531	520
2 Years	3	0	67	33			
1 Year	2	0	100	0			
1/2 Year or Less							
No Response	292						
<b>Course Work or Experience</b>							
English/Language Arts	1,079	94	44	56	577	567	563
Journalism	227	20	29	71	575	550	564
Creative Writing	228	20	35	65	562	545	553
American Literature	557	49	44	56	580	571	567
Composition/Writing	489	43	42	58	577	566	565
British Literature	301	26	43	57	593	571	579
World Literature	356	31	44	56	589	579	571
Communications	556	49	42	58	570	562	560
Public Speaking	597	52	41	59	583	569	566
English As Second Language	42	4	38	62	461	558	465
AP®/Honors Courses	766	65	40	60	602	585	589

<b>Mathematics</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
More Than 4 Years	283	24	52	48	594	617	582
4 Years	794	68	41	59	573	555	557
3 Years	92	8	43	57	534	509	521
2 Years	4	0	100	0			
1 Year	1	0	100	0			
1/2 Year or Less							
No Response	293						
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	534	45	51	49	608	623	594
Pre-calculus	349	30	36	64	567	543	552
Trigonometry	86	7	31	69	554	522	536
Algebra II	191	16	42	58	513	481	500
Algebra I	16	1	56	44	491	441	454
AP/Honors Courses	684	58	43	57	605	605	591

\*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	194	17	48	52	609	616	596
4 Years	615	53	45	55	579	569	566
3 Years	316	27	41	59	550	537	534
2 Years	29	2	55	45	544	523	513
1 Year	11	1	27	73	564	496	514
1/2 Year or Less	2	0	50	50			
No Response	300						
<b>Course Work or Experience</b>							
Biology	1,154	100	44	56	575	566	561
Chemistry	1,074	93	43	57	576	569	563
Physics	689	59	47	53	589	584	574
Geology, Earth, or Space Science	547	47	48	52	564	557	545
Other Sciences	492	42	42	58	575	564	560
AP/Honors Courses	658	56	45	55	610	601	594

<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	132	11	50	50	614	601	593
4 Years	609	52	44	56	578	563	564
3 Years	396	34	42	58	561	560	546
2 Years	31	3	58	42	529	563	529
1 Year	6	1	50	50	493	513	493
1/2 Year or Less	1	0	0	100			
No Response	292						
<b>Course Work or Experience</b>							
U.S. History	1,094	95	43	57	577	569	563
World History or Cultures	1,012	88	42	58	574	565	560
U.S. Government or Civics	1,015	88	43	57	577	567	563
Economics	166	14	49	51	590	578	564
Geography	269	23	45	55	558	555	547
Psychology	367	32	38	62	585	571	572
European History	304	26	48	52	605	589	584
Sociology	114	10	45	55	541	544	530
Ancient History	97	8	49	51	575	557	555
Other Courses	211	18	42	58	580	564	564
AP/Honors Courses	720	61	42	58	603	588	589

## 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
More Than 4 Years	50	4	40	60	597	588	585
4 Years	241	21	36	64	603	589	593
3 Years	269	23	43	57	580	570	563
2 Years	552	47	47	53	564	557	550
1 Year	43	4	56	44	535	526	513
1/2 Year or Less	18	2	72	28	489	539	462
No Response	294						
<b>Course Work or Experience</b>							
Chinese	19	2	53	47	553	646	534
French	191	17	34	66	594	570	575
German	68	6	49	51	593	575	557
Greek	5	0	80	20	586	538	594
Hebrew	1	0	100	0			
Italian	12	1	25	75	555	533	515
Japanese	15	1	40	60	586	616	555
Korean	9	1	44	56	449	633	441
Latin	102	9	65	35	601	588	577
Russian	2	0	50	50			
Spanish	851	74	43	57	568	561	556
Other Languages	14	1	43	57	496	521	476
AP/Honors Courses	328	28	38	63	607	593	600

## 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>		
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	137	12	34	66	586	568	569
4 Years	234	20	35	65	590	579	577
3 Years	145	12	41	59	572	554	557
2 Years	206	18	44	56	555	559	546
1 Year	311	27	55	45	572	566	559
1/2 Year or Less	140	12	51	49	576	565	551
No Response	294						
<b>Course Work or Experience</b>							
Acting or Play Production	291	26	33	67	594	558	575
Art History or Appreciation	282	25	47	53	582	566	568
Dance	131	12	7	93	560	534	559
Drama: Study or Appreciation	258	23	28	72	581	548	567
Music: Study or Appreciation	213	19	50	50	585	570	568
Music Performance	562	51	41	59	589	576	570
Photography or Film	178	16	40	60	568	548	555
Studio Art and Design	226	20	37	63	572	555	555
None	82	7	51	49	535	561	529
AP/Honors Courses	154	13	35	65	607	589	596

<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
Computer Literacy	776	70	44	56	580	570	564
Computer Programming	194	18	59	41	574	577	550
Word Processing	856	77	44	56	578	569	562
Internet Activity	587	53	43	57	582	569	563
Using Computer Graphics	357	32	46	54	577	570	559
Creating Spreadsheets/Databases	401	36	46	54	580	576	564
None	77	7	35	65	574	559	568

## 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
293	810	239	646	651	628

  

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	10	3
2	89	30
3	164	56
4 or More	30	10

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	147	636	96	121	667	84	635	76	644	87
<b>History and Social Studies</b>										
U.S. History	120	623	100	99	659	102	631	81	637	99
World History	24	616		20	663		638		636	
<b>Mathematics</b>										
Mathematics Level 1	125	619	91	101	634	103	637	81	614	95
Mathematics Level 2	159	653	100	132	643	116	674	83	621	105
<b>Science</b>										
Biology-E	28	640	99	24	671		658		654	
Biology-M	48	671	89	40	643	106	671	69	625	91
Chemistry	76	633	92	61	642	119	677	61	636	102
Physics	40	651	102	35	661	112	702	73	636	100
<b>Foreign and Classical Languages</b>										
Chinese/Listening	2			2						
French	10	517		7	697		657		699	
French/Listening	2			1						
German										
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening										
Korean/Listening	4			4						
Latin	2			2						
Spanish	18	521		16	668		652		631	
Spanish/Listening	5	578		4						

## 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	19	13	12	10	3	13
700-740	20	14	19	16	1	4
650-690	42	29	25	21	5	21
600-640	26	18	21	18	5	21
550-590	15	10	18	15	4	17
500-540	11	7	11	9	3	13
450-490	5	3	8	7	3	13
400-440	7	5	1	1		
350-390	1	1	5	4		
300-340	1	1				
250-290						
200-240						
Total	147		120		24	
Mean	636		623		616	
SD	96		100			
75th percentile	700		700		680	
50th percentile	650		630		620	
25th percentile	590		560		540	

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	10	8	40	25	4	14	9	19	9	12	8	20
700-740	14	11	15	9	3	11	11	23	12	16	5	13
650-690	27	22	27	17	7	25	15	31	14	18	9	23
600-640	28	22	32	20	5	18	4	8	17	22	8	20
550-590	25	20	28	18	7	25	4	8	11	14	4	10
500-540	8	6	9	6	1	4	4	8	7	9	2	5
450-490	6	5	3	2					5	7	2	5
400-440	3	2	3	2					1	1	2	5
350-390	4	3	2	1								
300-340					1	4	1	2				
250-290												
200-240												
Total	125		159		28		48		76		40	
Mean	619		653		640		671		633		651	
SD	91		100		99		89		92		102	
75th percentile	680		740		690		730		700		730	
50th percentile	620		650		640		680		630		670	
25th percentile	570		580		580		640		570		590	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	50	1	10								
700-740	1	50										
650-690												
600-640			1	10								
550-590			1	10								
500-540			3	30								
450-490			1	10	1	50						
400-440					1	50						
350-390			3	30								
300-340												
250-290												
200-240												
Total	2		10		2							
Mean			517									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800					3	75						
700-740							1	50	1	6		
650-690					1	25			2	11		
600-640									1	6	2	40
550-590							1	50	3	17	2	40
500-540									3	17	1	20
450-490									5	28		
400-440									2	11		
350-390												
300-340												
250-290									1	6		
200-240												
Total					4		2		18		5	
Mean									521		578	
SD												
75th percentile												
50th percentile												
25th percentile												

## College Plans

Table 26: Intended College Major, Degree-Level Goal

<b>SAT Reasoning Test</b> <b>Intended College Major</b>	<b>Test-Takers</b>		<b>Mean Scores</b>		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	6	1	597	560	603
Architecture and Related Services	20	2	608	611	591
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	71	7	579	585	579
Business Management, Marketing, and Related Support Services	119	11	527	548	513
Communication, Journalism and Related Programs	37	3	574	533	575
Computer and Information Sciences and Support Services	25	2	580	586	564
Construction Trades					
Education	43	4	518	502	510
Engineering	102	10	602	618	577
Engineering Technologies/Technicians	5	0	550	610	532
English Language and Literature/Letters	31	3	637	565	615
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	14	1	644	609	628
Health Professions and Related Clinical Services	221	21	551	555	544
History	17	2	612	578	590
Legal Professions and Studies	28	3	564	535	541
Liberal Arts and Sciences, General Studies, and Humanities	17	2	626	556	588
Library Science/Librarianship	2	0			
Mathematics and Statistics	18	2	626	661	594
Mechanic and Repair Technologies/Technician	2	0			
Military Sciences	4	0			
Multi/Interdisciplinary Studies	2	0			
Natural Resources and Conservation	4	0			
Parks, Recreation, Leisure and Fitness Studies	1	0			
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	9	1	636	601	624
Physical Sciences	32	3	615	629	574
Precision Production					
Psychology	35	3	547	525	551
Public Administration and Social Services Professions	1	0			
Security and Protective Services	4	0			
Social Sciences	39	4	634	570	601
Theology and Religious Vocations	11	1	555	559	536
Transportation and Materials Moving	2	0			
Visual and Performing Arts	103	10	577	542	568
Other	10	1	505	496	492
Undecided	25	2	586	572	566
<b>Degree-Level Goal</b>					
Certificate Program	6	0	533	510	517
Associate Degree	3	0			
Bachelor's Degree	209	17	540	532	525
Master's Degree	410	33	565	555	549
Doctoral or Related Degree	426	34	594	588	580
Other	2	0			
Undecided	201	16	584	571	570

## College Plans

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

Of the 1,521 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 1,200 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 675 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 ARKANSAS FAYETTEVILLE	AR	Public	588	49.0
UNIVERSITY OF CENTRAL ARKANSAS	AR	Public	287	23.9
HENDRIX COLLEGE	AR	Private	219	18.3
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	147	12.3
WASHINGTON UNIVERSITY	MO	Private	136	11.3
VANDERBILT UNIVERSITY	TN	Private	115	9.6
UNIVERSITY OF ARKANSAS LITTLE ROCK	AR	Public	99	8.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	90	7.5
RICE UNIVERSITY	TX	Private	84	7.0
DUKE UNIVERSITY	NC	Private	83	6.9
RHODES COLLEGE	TN	Private	75	6.3
ARKANSAS STATE UNIVERSITY	AR	Public	74	6.2
STANFORD UNIVERSITY	CA	Private	72	6.0
BAYLOR UNIVERSITY	TX	Private	71	5.9
UNIVERSITY OF TULSA	OK	Private	70	5.8
NEW YORK UNIVERSITY	NY	Private	70	5.8
YALE UNIVERSITY	CT	Private	67	5.6
HARDING UNIVERSITY	AR	Private	63	5.3
NORTHWESTERN UNIVERSITY	IL	Private	61	5.1
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	60	5.0
PRINCETON UNIVERSITY	NJ	Private	59	4.9
UNIVERSITY OF CHICAGO	IL	Private	55	4.6
OUACHITA BAPTIST UNIVERSITY	AR	Private	54	4.5
UNIVERSITY OF TEXAS AUSTIN	TX	Public	53	4.4
EMORY UNIVERSITY	GA	Private	51	4.3
TULANE UNIVERSITY	LA	Private	50	4.2
JOHN BROWN UNIVERSITY	AR	Private	50	4.2
LYON COLLEGE	AR	Private	48	4.0
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	47	3.9
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	46	3.8
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	45	3.8
ARKANSAS TECHNICAL UNIVERSITY	AR	Public	44	3.7
BOSTON UNIVERSITY	MA	Private	44	3.7
UNIVERSITY OF ARKANSAS FORT SMITH	AR	Public	42	3.5
TEXAS A&M UNIVERSITY COLLEGE STATION	TX	Public	41	3.4
BROWN UNIVERSITY	RI	Private	39	3.3
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	38	3.2
UNIVERSITY OF NOTRE DAME	IN	Private	38	3.2
SOUTHERN METHODIST UNIVERSITY	TX	Private	38	3.2
CORNELL UNIVERSITY	NY	Private	37	3.1
HENDERSON STATE UNIVERSITY	AR	Public	36	3.0
UNIVERSITY OF VIRGINIA	VA	Public	36	3.0
TEXAS CHRISTIAN UNIVERSITY	TX	Private	36	3.0
UNIVERSITY OF OKLAHOMA	OK	Public	35	2.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	34	2.8

\*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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