



2011 College-Bound Seniors

# State Profile Report

ARKANSAS

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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# The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2011* includes students who tested through June 2011.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2011 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 accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent.
- These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

## Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at [www.collegeboard.org](http://www.collegeboard.org).

### Mean

The *mean* is the arithmetic average.

### Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

### Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200 to 800 point scale.

### Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

## The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2011

<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	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

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 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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## SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	1,345	568	112	570	101	554	107	56.3	10.9	7.4	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	627	575	113	592	101	548	107	56.2	10.9	7.2	1.6
Female	718	561	111	552	97	558	107	56.4	11.0	7.6	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	814	573	117	576	102	559	110	56.9	11.2	7.5	1.5
Junior (2009-2010)	489	562	106	564	100	548	104	55.7	10.6	7.4	1.5
Sophomore (2008-2009)	38	525	81	529	93	514	85	52.6	9.1	6.9	1.4
Freshman (2007-2008)	4										
Total	1,345	568	112	570	101	554	107	56.3	10.9	7.4	1.5

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

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

## SAT Data

**Table 5: Percentiles for State and Total Group**

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	650	640	620	570	600	560
50th	580	580	560	490	510	480
25th	500	500	490	420	430	410

**Table 6: Score Distributions**

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit [www.collegeboard.org/sat-skills](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	84	77	161	95	42	137	46	76	122
600–690	215	214	429	244	204	448	170	191	361
500–590	191	235	426	178	267	445	234	262	496
400–490	95	140	235	83	158	241	127	141	268
300–390	31	42	73	26	42	68	39	38	77
200–290	11	10	21	1	5	6	11	10	21

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,006	80	44	56	568	573	553
Religiously Affiliated	216	17	56	44	571	570	560
Independent	40	3	53	48	600	593	608
Other or Unknown	83		45	55	543	532	513

**Table 8: Test-Taking Conditions**

\*Nonstandard conditions\* reflect test-takers who received an accommodation. \*Disabling conditions\* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	82	6	540	114	534	96	518	110
Nonstandard Conditions	9	1	560		567		542	

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

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	15	1	565		545		531	
Asian, Asian American, or Pacific Islander	133	10	528	137	627	110	541	135
Black or African American	110	8	497	120	481	101	484	112
Mexican or Mexican American	37	3	530	86	542	97	525	92
Puerto Rican	7	1	601		599		587	
Other Hispanic, Latino, or Latin American	21	2	556		538		535	
White	974	72	583	103	575	93	565	99
Other	31	2	559	150	574	100	556	120
No Response	17	1	572		572		518	
Total	1,345	100	568	112	570	101	554	107

Table 10: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	8	1	584		580		546	
Asian, Asian American, or Pacific Islander	67	5	540	139	642	105	539	128
Black or African American	45	3	482	117	489	95	467	108
Mexican or Mexican American	22	2	541		554		518	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	5	0	580		602		538	
White	451	34	591	104	598	94	561	101
Other	12	1	579		607		556	
No Response	14	1	577		547		499	
Total	627	47	575	113	592	101	548	107

Table 11: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	7	1	543		506		513	
Asian, Asian American, or Pacific Islander	66	5	516	135	612	112	544	141
Black or African American	65	5	507	120	476	104	495	114
Mexican or Mexican American	15	1	514		525		537	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	16	1	549		518		534	
White	523	39	575	101	555	88	569	97
Other	19	1	546		553		557	
No Response	3	0						
Total	718	53	561	111	552	97	558	107

## Demographic Information

### SAT: Student Background Information and Characteristics

**Table 12: Student Background Information and Characteristics**

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	1,345	100	568	112	570	101	554	107
<b>First Language Learned</b>								
English	1,113	84	576	107	566	98	559	102
English and Another	101	8	554	117	579	102	551	113
Another Language	116	9	499	135	606	121	514	139
No Response	15		529		539		502	
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,232	93	575	108	568	99	559	103
U.S. Permanent Resident or Refugee	24	2	578		621		568	
Citizen of Another Country	66	5	446	109	597	122	467	120
Other, Unknown, or No Response	23		516		566		515	
<b>Plans to Apply for Financial Aid</b>								
Yes	935	76	572	111	569	100	558	105
No	77	6	558	115	584	100	545	113
Don't Know	217	18	544	116	560	109	533	116
No Response	116		582	110	587	95	562	100
<b>Family Income</b>								
\$0 - \$20,000	66	8	487	139	528	121	490	117
\$20,000–\$40,000	117	13	537	107	555	102	520	99
\$40,000–\$60,000	147	17	555	122	548	102	540	114
\$60,000–\$80,000	117	13	574	105	569	100	554	94
\$80,000–\$100,000	103	12	566	102	564	92	559	102
\$100,000–\$120,000	107	12	577	96	586	97	564	97
\$120,000–\$140,000	53	6	589	98	582	94	587	96
\$140,000–\$160,000	35	4	595	101	603	74	573	100
\$160,000–\$200,000	38	4	591	111	599	84	581	113
More than \$200,000	87	10	599	100	601	92	589	98
No Response	475		575	111	574	103	558	108
<b>Highest Level of Parental Education</b>								
No High School Diploma	24	2	485		520		490	
High School Diploma	263	20	522	113	526	104	511	108
Associate Degree	86	7	543	112	549	106	528	101
Bachelor's Degree	483	37	567	105	568	96	549	101
Graduate Degree	460	35	608	102	605	92	595	97
No Response	29		489	130	568	101	478	120
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	392	30	580	106	581	97	570	98
Yes, As a Sophomore or Younger	229	18	544	93	542	91	529	91
Yes, As a Junior and As a Sophomore or Younger	412	32	619	95	608	93	601	94
No	254	20	492	115	521	104	479	107
No Response	58		544	116	556	91	529	99

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.



## Academic Information

### Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	546	64	47	53	617	618	605
Second Tenth	191	22	52	48	548	559	530
Second Fifth	59	7	59	41	522	544	513
Final Three Fifths	58	7	47	53	438	449	432
No Response	491		43	57	541	539	525

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	255	20	45	55	636	635	626
A (93–96)	429	33	45	55	595	598	582
A- (90–92)	277	21	42	58	552	560	544
B (80–89)	296	23	53	47	510	510	490
C (70–79)	47	4	64	36	454	447	429
D, E, or F (below 70)	1	0	0	100			
No Response	40		38	63	500	529	481
<b>Mean Grade Point Average</b>	<b>All Students: 3.72</b>		<b>Male: 3.68</b>		<b>Female: 3.76</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.4	2.7	2.5	3.88	3.92	3.90
English and Language Arts	4.0	4.0	4.0	3.59	3.76	3.68
Foreign and Classical Languages	2.5	2.8	2.7	3.62	3.75	3.69
Mathematics	4.2	4.2	4.2	3.60	3.55	3.57
Natural Sciences	3.8	3.7	3.8	3.62	3.60	3.61
Social Sciences and History	3.7	3.7	3.7	3.69	3.67	3.68
<b>Total for All Subjects</b>	<b>20.6</b>	<b>21.1</b>	<b>20.9</b>			

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	185	15	43	57	564	577	557
4 Years	873	73	48	52	577	576	560
3 Years	95	8	41	59	538	541	532
2 Years	32	3	41	59	512	536	513
1 Year	10	1	70	30	447	519	471
1/2 Year or Less	5	0	40	60	440	494	448
No Response	145		48	52	560	562	545
AP®/Honors Courses	829	69	43	57	597	592	584
<b>Course Work or Experience</b>							
English/Language Arts	1,113	97	46	54	570	573	557
Journalism	179	16	25	75	567	558	562
Creative Writing	218	19	36	64	558	549	549
American Literature	622	54	46	54	572	575	560
Composition/Writing	586	51	44	56	571	569	559
British Literature	280	25	50	50	587	579	572
World Literature	363	32	47	53	584	578	570
Communications	547	48	44	56	571	573	566
Public Speaking	597	52	43	57	581	575	566
English As Second Language	64	6	45	55	470	583	486

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	448	37	49	51	582	603	569
4 Years	624	52	45	55	569	558	552
3 Years	84	7	39	61	528	527	527
2 Years	22	2	45	55	509	533	507
1 Year	11	1	64	36	488	540	484
1/2 Year or Less	7	1	43	57	439	474	430
No Response	149		47	53	561	563	547
AP/Honors Courses	754	63	47	53	601	609	589
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	490	42	51	49	609	628	598
Pre-calculus	376	32	45	55	562	559	547
Trigonometry	80	7	39	61	542	507	522
Algebra II	208	18	40	60	507	496	494
Algebra I	15	1	53	47	455	457	432

\*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.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	240	20	50	50	589	611	576	
4 Years	570	48	48	52	582	579	565	
3 Years	299	25	42	58	544	540	533	
2 Years	53	4	38	62	536	531	525	
1 Year	19	2	58	42	479	494	482	
1/2 Year or Less	14	1	36	64	436	503	462	
No Response	150		48	52	559	561	542	
AP/Honors Courses	666	56	46	54	606	609	593	
<b>Course Work or Experience</b>								
Biology	1,125	98	46	54	571	572	557	
Chemistry	1,048	91	47	53	574	577	561	
Physics	614	53	52	48	589	600	573	
Geology, Earth, or Space Science	452	39	49	51	561	563	545	
Other Sciences	497	43	42	58	566	563	552	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	198	17	43	57	580	591	566	
4 Years	566	47	48	52	588	578	569	
3 Years	362	30	44	56	545	557	536	
2 Years	46	4	54	46	545	551	544	
1 Year	13	1	69	31	447	538	448	
1/2 Year or Less	7	1	43	57	459	519	453	
No Response	153		47	53	553	556	540	
AP/Honors Courses	733	61	45	55	606	597	589	
<b>Course Work or Experience</b>								
U.S. History	1,075	93	47	53	572	575	559	
World History or Cultures	1,016	88	46	54	570	570	557	
U.S. Government or Civics	984	85	46	54	575	573	560	
Economics	203	18	55	45	555	573	541	
Geography	272	24	46	54	566	564	557	
Psychology	325	28	36	64	586	580	572	
European History	233	20	52	48	609	598	589	
Sociology	103	9	41	59	548	553	537	
Ancient History	106	9	52	48	579	573	562	
Other Courses	164	14	44	56	577	578	571	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	98	8	31	69	561	594	559
4 Years	214	18	41	59	605	603	598
3 Years	212	18	43	57	578	571	567
2 Years	570	48	50	50	567	565	548
1 Year	65	5	57	43	502	525	494
1/2 Year or Less	30	3	57	43	459	496	442
No Response	156		49	51	554	562	539
AP/Honors Courses	305	26	39	61	614	608	607
<b>Course Work or Experience</b>							
Chinese	36	3	53	47	508	584	514
French	187	16	34	66	594	573	575
German	61	5	54	46	590	585	578
Greek	7	1	57	43	657	620	640
Hebrew		0					
Italian	6	1	33	67	557	518	582
Japanese	6	1	33	67	530	508	490
Korean	3	0	100	0			
Latin	80	7	55	45	594	576	569
Russian	2	0	50	50			
Spanish	862	75	47	53	568	569	554
Other Languages	22	2	36	64	530	588	550

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b> <b>Years of Study</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	174	15	40	60	571	580	566
4 Years	238	20	45	55	580	576	563
3 Years	130	11	35	65	575	564	556
2 Years	224	19	48	52	567	567	556
1 Year	276	23	51	49	566	573	550
1/2 Year or Less	140	12	54	46	552	567	538
No Response	163		49	51	558	559	543
AP/Honors Courses	136	12	34	66	616	596	615
<b>Course Work or Experience</b>							
Acting or Play Production	281	25	36	64	587	565	571
Art History or Appreciation	270	24	40	60	577	563	561
Dance	121	11	14	86	546	543	548
Drama: Study or Appreciation	298	26	36	64	577	560	565
Music: Study or Appreciation	207	18	50	50	564	559	547
Music Performance	604	53	48	52	584	583	571
Photography or Film	187	16	32	68	567	562	562
Studio Art and Design	240	21	33	67	577	575	565
None	115	10	58	42	523	552	509

<b>Computers</b> <b>Course Work or Experience</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	759	68	46	54	576	574	560
Computer Programming	216	19	59	41	560	577	547
Word Processing	776	69	46	54	573	573	556
Internet Activity	527	47	49	51	576	574	558
Using Computer Graphics	362	32	45	55	561	564	549
Creating Spreadsheets/Databases	433	39	49	51	568	576	554
None	120	11	43	57	568	579	560

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

## SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
263	683	207	648	660	640

  

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	11	4
2	113	43
3	118	45
4 or More	21	8

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	118	651	83	92	667	75	638	68	653	83	
<b>History and Social Studies</b>											
U.S. History	87	674	85	69	678	84	665	69	662	85	
World History	21	664		16	679		641		674		
<b>Mathematics</b>											
Mathematics Level 1	89	653	76	64	626	96	657	73	632	92	
Mathematics Level 2	161	676	89	137	645	101	678	69	639	97	
<b>Science</b>											
Biology-E	23	651		13	677		642		633		
Biology-M	39	652	99	30	641	83	668	66	632	83	
Chemistry	76	640	100	64	638	103	681	78	624	100	
Physics	39	656	95	35	633	116	695	71	633	109	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	2			2							
French	5	590		5	656		646		702		
French/Listening	1			1							
German											
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	7	716		3							
Latin	2			1							
Spanish	11	621		11	659		657		669		
Spanish/Listening	2			2							

## 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	14	12	23	26	5	24
700-740	26	22	16	18	5	24
650-690	30	25	20	23	4	19
600-640	20	17	14	16	2	10
550-590	10	8	8	9	1	5
500-540	13	11	3	3	2	10
450-490	3	3	1	1	1	5
400-440	2	2	1	1	1	5
350-390			1	1		
300-340						
250-290						
200-240						
Total	118		87		21	
Mean	651		674		664	
SD	83		85			
75th percentile	700		750		740	
50th percentile	660		680		670	
25th percentile	610		620		580	

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	8	9	47	29	5	22	7	18	12	16	8	21
700-740	20	22	24	15	1	4	5	13	12	16	8	21
650-690	23	26	26	16	6	26	12	31	14	18	7	18
600-640	16	18	30	19	6	26	6	15	14	18	5	13
550-590	15	17	22	14	2	9	5	13	11	14	7	18
500-540	4	4	10	6	2	9	2	5	6	8	2	5
450-490	3	3	2	1	1	4			4	5	1	3
400-440							1	3	3	4	1	3
350-390												
300-340							1	3				
250-290												
200-240												
Total	89		161		23		39		76		39	
Mean	653		676		651		652		640		656	
SD	76		89				99		100		95	
75th percentile	710		760		690		720		710		720	
50th percentile	650		670		640		660		640		650	
25th percentile	590		610		590		590		580		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	2	100	1	20								
700-740												
650-690					1	100						
600-640			1	20								
550-590												
500-540			2	40								
450-490			1	20								
400-440												
350-390												
300-340												
250-290												
200-240												
Total	2		5		1							
Mean			590									
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					4	57			1	9		
700-740					1	14			2	18		
650-690									1	9	1	50
600-640					1	14			1	9		
550-590							1	50	4	36		
500-540					1	14	1	50	1	9	1	50
450-490									1	9		
400-440												
350-390												
300-340												
250-290												
200-240												
Total					7		2		11		2	
Mean					716				621			
SD												
75th percentile												
50th percentile												
25th percentile												



## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	5	0	520	496	516
Architecture and Related Services	24	2	531	580	543
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	88	7	603	604	594
Business Management, Marketing, and Related Support Services	97	8	532	574	529
Communication, Journalism and Related Programs	34	3	585	557	579
Computer and Information Sciences and Support Services	30	3	542	575	502
Construction Trades					
Education	41	3	521	530	530
Engineering	155	13	588	622	564
Engineering Technologies/Technicians	13	1	501	548	474
English Language and Literature/Letters	35	3	665	593	641
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	19	2	602	586	568
Health Professions and Related Clinical Services	227	19	558	558	552
History	15	1	608	558	581
Legal Professions and Studies	51	4	594	565	572
Liberal Arts and Sciences, General Studies, and Humanities	13	1	635	593	614
Library Science And Administration	1	0			
Mathematics and Statistics	14	1	594	651	591
Mechanic and Repair Technologies/Technician	3	0			
Military Technologies And Applied Sciences	4	0			
Multi/Interdisciplinary Studies	4	0			
Natural Resources and Conservation	8	1	538	515	489
Parks, Recreation, Leisure and Fitness Studies	5	0	614	632	608
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	6	1	560	557	548
Physical Sciences	19	2	596	641	583
Precision Production					
Psychology	45	4	552	513	536
Public Administration and Social Services Professions	2	0			
Security and Protective Services	7	1	477	467	430
Social Sciences	33	3	641	577	597
Theology and Religious Vocations	5	0	636	624	608
Transportation and Materials Moving	1	0			
Visual and Performing Arts	94	8	569	545	565
Other	12	1	470	493	471
Undecided	80	7	606	596	581
<b>Degree-Level Goal</b>					
Certificate Program	9	1	456	509	472
Associate Degree	4	0			
Bachelor's Degree	259	20	527	528	511
Master's Degree	417	33	570	575	559
Doctoral or Related Degree	449	35	595	595	579
Other	3	0			
Undecided	124	10	552	560	543

## College Plans

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

Of the 1,401 students from your state who took the SAT and/or an SAT Subject Test, 890 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 533 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF ARKANSAS FAYETTEVILLE	AR	Public	351	39.4
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	148	16.6
UNIVERSITY OF CENTRAL ARKANSAS	AR	Public	136	15.3
HENDRIX COLLEGE	AR	Private	125	14.0
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	88	9.9
DUKE UNIVERSITY TIP	NC	Scholarship	80	9.0
VANDERBILT UNIVERSITY	TN	Private	79	8.9
WASHINGTON UNIVERSITY	MO	Private	70	7.9
YALE UNIVERSITY	CT	Private	66	7.4
PRINCETON UNIVERSITY	NJ	Private	65	7.3
UNIVERSITY OF ARKANSAS AT LITTLE ROCK	AR	Public	62	7.0
STANFORD UNIVERSITY	CA	Private	57	6.4
RHODES COLLEGE	TN	Private	51	5.7
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	50	5.6
UNIVERSITY OF TEXAS AUSTIN	TX	Public	49	5.5
DUKE UNIVERSITY	NC	Private	47	5.3
ARKANSAS STATE UNIVERSITY	AR	Public	47	5.3
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	46	5.2
BAYLOR UNIVERSITY	TX	Private	46	5.2
OUACHITA BAPTIST UNIVERSITY	AR	Private	42	4.7
HARDING UNIVERSITY	AR	Private	41	4.6
ARKANSAS TECH UNIVERSITY	AR	Public	40	4.5
CORNELL UNIVERSITY	NY	Private	40	4.5
UNIVERSITY OF CHICAGO	IL	Private	38	4.3
NORTHWESTERN UNIVERSITY	IL	Private	36	4.0
UNIVERSITY OF TULSA	OK	Private	35	3.9
RICE UNIVERSITY	TX	Private	34	3.8
DARTMOUTH COLLEGE	NH	Private	32	3.6
TEXAS CHRISTIAN UNIVERSITY	TX	Private	32	3.6
JOHN BROWN UNIVERSITY	AR	Private	31	3.5
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	30	3.4
BROWN UNIVERSITY	RI	Private	30	3.4
SOUTHERN METHODIST UNIVERSITY	TX	Private	30	3.4
TULANE UNIVERSITY	LA	Private	30	3.4
NEW YORK UNIVERSITY	NY	Private	30	3.4
LYON COLLEGE	AR	Private	26	2.9
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	26	2.9
TEXAS A&M UNIVERSITY COLLEGE STATION	TX	Public	26	2.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	26	2.9
UNIVERSITY OF VIRGINIA	VA	Public	26	2.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	25	2.8
UNIVERSITY OF NOTRE DAME	IN	Private	24	2.7
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	24	2.7
NCAA ELIGIBILITY CENTER	IN	Public	23	2.6
UNIVERSITY OF OKLAHOMA	OK	Public	22	2.5

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

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