



2011 College-Bound Seniors

# State Profile Report

ALABAMA

## 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	3,664	546	119	541	121	536	115	54.8	11.7	7.2	1.6

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	1,666	553	123	564	125	532	119	54.7	12.0	7.0	1.7
Female	1,998	540	116	522	115	540	111	54.8	11.4	7.4	1.5

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	2,066	529	125	525	124	520	118	53.1	12.0	7.1	1.6
Junior (2009-2010)	1,524	570	108	563	115	559	107	57.0	10.9	7.4	1.5
Sophomore (2008-2009)	66	539	90	541	100	535	95	55.2	9.7	6.8	1.6
Freshman (2007-2008)	8	486		480		475		49.4		6.1	
Total	3,664	546	119	541	121	536	115	54.8	11.7	7.2	1.6

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing 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	630	630	620	570	600	560
50th	550	540	540	490	510	480
25th	470	460	460	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	216	170	386	264	128	392	152	164	316
600-690	422	497	919	440	422	862	356	500	856
500-590	515	627	1,142	464	630	1,094	533	646	1,179
400-490	339	487	826	332	539	871	402	487	889
300-390	136	177	313	135	230	365	190	181	371
200-290	38	40	78	31	49	80	33	20	53

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,569	75	44	56	539	538	530
Religiously Affiliated	431	13	46	54	570	549	554
Independent	427	12	53	47	585	582	579
Other or Unknown	237		49	51	505	492	496

**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	169	5	513	109	501	106	497	107
Nonstandard Conditions	20	1	560		540		552	

## 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	24	1	499		489		510	
Asian, Asian American, or Pacific Islander	247	7	556	129	638	112	576	130
Black or African American	740	20	454	118	440	111	451	107
Mexican or Mexican American	27	1	522	93	496	103	502	97
Puerto Rican	19	1	545		523		555	
Other Hispanic, Latino, or Latin American	46	1	556	121	542	126	538	128
White	2,448	67	573	104	563	105	559	102
Other	63	2	561	123	560	124	547	125
No Response	50	1	535	130	494	122	509	126
Total	3,664	100	546	119	541	121	536	115

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	7	0	489		481		476	
Asian, Asian American, or Pacific Islander	129	4	558	133	661	109	574	133
Black or African American	292	8	462	124	456	118	444	116
Mexican or Mexican American	12	0	525		513		507	
Puerto Rican	11	0	561		560		558	
Other Hispanic, Latino, or Latin American	21	1	585		596		575	
White	1,142	31	576	109	583	108	550	106
Other	24	1	556		580		548	
No Response	28	1	546	138	506	137	510	137
Total	1,666	45	553	123	564	125	532	119

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	17	0	503		492		524	
Asian, Asian American, or Pacific Islander	118	3	553	125	613	109	579	125
Black or African American	448	12	449	113	430	104	456	101
Mexican or Mexican American	15	0	519		483		499	
Puerto Rican	8	0	523		473		551	
Other Hispanic, Latino, or Latin American	25	1	532	107	498	104	508	110
White	1,306	36	571	99	546	100	567	97
Other	39	1	564	126	548	121	546	116
No Response	22	1	520		479		509	
Total	1,998	55	540	116	522	115	540	111

## 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	3,664	100	546	119	541	121	536	115
<b>First Language Learned</b>								
English	3,243	89	547	118	536	119	535	113
English and Another	208	6	541	124	562	134	549	127
Another Language	177	5	527	129	612	121	551	128
No Response	36		539	144	525	130	514	141
<b>Citizenship</b>								
U.S. Citizen / U.S. National	3,458	96	548	118	539	120	537	114
U.S. Permanent Resident or Refugee	74	2	533	132	602	124	563	130
Citizen of Another Country	72	2	497	119	626	129	527	125
Other, Unknown, or No Response	60		480	123	493	108	474	130
<b>Plans to Apply for Financial Aid</b>								
Yes	2,285	70	537	122	530	125	529	117
No	329	10	548	108	553	112	537	104
Don't Know	669	20	569	109	566	113	552	109
No Response	381		558	121	554	112	551	115
<b>Family Income</b>								
\$0 - \$20,000	185	8	440	119	444	121	448	113
\$20,000–\$40,000	286	12	481	119	474	115	472	106
\$40,000–\$60,000	291	12	520	118	509	118	513	114
\$60,000–\$80,000	289	12	537	113	531	107	527	106
\$80,000–\$100,000	328	14	554	107	545	112	540	107
\$100,000–\$120,000	306	13	575	106	562	112	561	102
\$120,000–\$140,000	177	8	567	102	559	107	552	105
\$140,000–\$160,000	107	5	579	107	583	117	568	103
\$160,000–\$200,000	138	6	576	105	575	107	559	102
More than \$200,000	245	10	602	107	601	112	587	108
No Response	1,312		555	118	552	120	547	115
<b>Highest Level of Parental Education</b>								
No High School Diploma	38	1	414	104	453	134	437	91
High School Diploma	650	18	484	118	477	114	478	108
Associate Degree	239	7	485	103	467	100	470	102
Bachelor's Degree	1,229	35	551	112	546	115	540	109
Graduate Degree	1,400	39	587	108	584	112	577	106
No Response	108		513	132	514	122	504	126
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	689	20	562	107	559	108	550	103
Yes, As a Sophomore or Younger	804	23	531	109	526	113	521	105
Yes, As a Junior and As a Sophomore or Younger	1,190	35	603	106	599	108	592	104
No	761	22	462	109	454	108	455	101
No Response	220		529	112	530	107	528	109

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	1,104	52	43	57	602	604	597
Second Tenth	505	24	48	52	522	529	515
Second Fifth	294	14	45	55	502	493	490
Final Three Fifths	216	10	51	49	469	457	449
No Response	1,545		46	54	532	521	521

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)	555	15	38	62	622	620	620
A (93–96)	1,004	28	43	57	585	585	579
A- (90–92)	674	19	44	56	553	551	540
B (80–89)	1,172	33	49	51	495	484	482
C (70–79)	168	5	57	43	405	395	394
D, E, or F (below 70)	9	0	56	44	462	464	430
No Response	82		57	43	523	510	503
<b>Mean Grade Point Average</b>	<b>All Students: 3.60</b>		<b>Male: 3.53</b>		<b>Female: 3.65</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	2.1	2.4	2.2	3.84	3.93	3.89
English and Language Arts	3.9	3.9	3.9	3.49	3.67	3.59
Foreign and Classical Languages	2.6	2.6	2.6	3.43	3.65	3.55
Mathematics	4.0	4.0	4.0	3.41	3.44	3.43
Natural Sciences	3.9	3.8	3.8	3.54	3.53	3.53
Social Sciences and History	3.9	3.8	3.9	3.59	3.63	3.61
<b>Total for All Subjects</b>	<b>20.4</b>	<b>20.5</b>	<b>20.4</b>			

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	379	12	45	55	548	557	546	
4 Years	2,330	73	45	55	556	550	544	
3 Years	366	11	37	63	501	494	494	
2 Years	66	2	41	59	527	504	517	
1 Year	30	1	60	40	487	514	500	
1/2 Year or Less	28	1	46	54	421	420	422	
No Response	465		52	48	545	536	535	
AP®/Honors Courses	1,870	58	41	59	584	577	577	
<b>Course Work or Experience</b>								
English/Language Arts	2,914	97	44	56	545	539	535	
Journalism	299	10	35	65	533	519	528	
Creative Writing	762	25	37	63	532	517	523	
American Literature	2,169	72	43	57	548	543	539	
Composition/Writing	1,821	60	42	58	546	541	539	
British Literature	1,084	36	43	57	567	558	554	
World Literature	1,212	40	44	56	548	541	537	
Communications	200	7	48	52	522	525	509	
Public Speaking	665	22	46	54	560	551	550	
English As Second Language	141	5	45	55	467	542	486	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	711	22	48	52	567	585	560	
4 Years	1,996	62	44	56	552	542	541	
3 Years	378	12	39	61	497	481	488	
2 Years	60	2	47	53	503	485	490	
1 Year	23	1	52	48	467	480	480	
1/2 Year or Less	26	1	42	58	413	405	418	
No Response	470		52	48	544	535	535	
AP/Honors Courses	1,648	52	46	54	586	598	580	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,202	38	48	52	599	617	592	
Pre-calculus	1,070	34	42	58	542	531	532	
Trigonometry	382	12	41	59	497	477	485	
Algebra II	371	12	46	54	470	438	458	
Algebra I	101	3	50	50	423	400	415	

\*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	509	16	50	50	569	583	561	
4 Years	1,993	63	44	56	554	547	544	
3 Years	442	14	39	61	514	501	502	
2 Years	126	4	44	56	519	513	509	
1 Year	51	2	67	33	499	505	500	
1/2 Year or Less	52	2	31	69	442	434	447	
No Response	491		52	48	541	533	531	
AP/Honors Courses	1,558	49	45	55	590	594	582	
<b>Course Work or Experience</b>								
Biology	3,004	98	44	56	545	541	536	
Chemistry	2,770	91	44	56	555	553	546	
Physics	1,510	49	50	50	564	571	555	
Geology, Earth, or Space Science	1,016	33	46	54	508	502	497	
Other Sciences	1,636	53	39	61	531	521	521	

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	416	13	48	52	565	567	556	
4 Years	2,142	67	45	55	553	548	544	
3 Years	460	14	39	61	517	508	507	
2 Years	103	3	50	50	514	512	503	
1 Year	31	1	55	45	504	510	504	
1/2 Year or Less	34	1	44	56	414	424	424	
No Response	478		52	48	543	534	534	
AP/Honors Courses	1,720	54	45	55	591	584	580	
<b>Course Work or Experience</b>								
U.S. History	2,911	96	44	56	545	540	536	
World History or Cultures	2,498	82	44	56	546	543	537	
U.S. Government or Civics	2,017	66	42	58	536	531	528	
Economics	1,753	58	42	58	535	532	529	
Geography	676	22	44	56	522	515	510	
Psychology	743	24	39	61	557	549	548	
European History	987	33	45	55	584	578	575	
Sociology	216	7	41	59	513	501	510	
Ancient History	415	14	47	53	553	546	540	
Other Courses	315	10	37	63	538	532	528	

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	222	7	42	58	607	605	604
4 Years	622	20	45	55	610	607	603
3 Years	556	18	44	56	576	573	565
2 Years	1,315	41	44	56	528	523	517
1 Year	296	9	45	55	464	457	452
1/2 Year or Less	162	5	48	52	428	423	422
No Response	491		53	47	539	532	531
AP/Honors Courses	788	25	43	57	606	606	600
<b>Course Work or Experience</b>							
Chinese	49	2	51	49	548	610	561
French	555	18	34	66	559	545	548
German	181	6	59	41	574	572	557
Greek	17	1	59	41	633	591	627
Hebrew	6	0	67	33	515	500	543
Italian	9	0	56	44	608	551	580
Japanese	17	1	41	59	543	546	525
Korean	15	0	47	53	495	637	517
Latin	372	12	55	45	613	605	595
Russian	11	0	55	45	596	599	565
Spanish	2,066	67	44	56	539	534	531
Other Languages	36	1	39	61	508	507	493

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	271	9	39	61	558	550	546
4 Years	592	19	39	61	568	549	555
3 Years	382	12	36	64	551	536	538
2 Years	613	20	46	54	537	539	532
1 Year	760	24	51	49	543	546	533
1/2 Year or Less	520	17	47	53	527	528	521
No Response	526		52	48	544	539	536
AP/Honors Courses	307	10	40	60	575	577	571
<b>Course Work or Experience</b>							
Acting or Play Production	613	20	37	63	573	552	560
Art History or Appreciation	745	25	46	54	549	543	538
Dance	344	11	10	90	530	515	527
Drama: Study or Appreciation	626	21	34	66	544	527	537
Music: Study or Appreciation	564	19	45	55	560	546	551
Music Performance	1,310	44	42	58	562	552	551
Photography or Film	511	17	32	68	557	542	545
Studio Art and Design	647	22	35	65	568	561	557
None	315	11	56	44	507	520	500

<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	2,390	80	43	57	552	544	541
Computer Programming	604	20	54	46	535	548	528
Word Processing	2,212	74	43	57	551	545	542
Internet Activity	1,535	51	44	56	548	544	540
Using Computer Graphics	954	32	42	58	540	536	534
Creating Spreadsheets/Databases	1,456	48	42	58	554	549	547
None	191	6	42	58	521	529	520

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
529	1,381	424	660	680	659

  

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	28	5
2	213	40
3	243	46
4 or More	45	9

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	187	644	96	135	677	81	637	91	660	80	
<b>History and Social Studies</b>											
U.S. History	273	678	93	211	670	83	673	81	668	86	
World History	12	652		12	680		677		668		
<b>Mathematics</b>											
Mathematics Level 1	165	640	87	120	630	95	657	80	635	87	
Mathematics Level 2	290	706	86	255	667	94	711	72	674	87	
<b>Science</b>											
Biology-E	64	676	87	53	681	75	684	75	682	76	
Biology-M	75	657	95	63	657	91	675	75	650	89	
Chemistry	167	685	98	145	667	95	713	73	680	83	
Physics	60	673	106	51	670	124	734	74	667	105	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	9	766		9	613		696		630		
French	16	658		15	689		718		715		
French/Listening	2			2							
German	1			1							
German/Listening	1			1							
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	5	794		4							
Latin	12	599		12	702		683		700		
Spanish	41	618	115	36	664	81	672	101	678	88	
Spanish/Listening	1			1							

## SAT Subject Tests Score Distributions

Table 22: English, History and Social Studies

SAT Subject Tests	English		History and Social Studies			
	Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct
750-800	28	15	74	27	4	33
700-740	39	21	66	24		
650-690	38	20	54	20	3	25
600-640	27	14	33	12	2	17
550-590	27	14	15	5	1	8
500-540	13	7	17	6	1	8
450-490	9	5	10	4		
400-440	4	2	2	1	1	8
350-390	1	1	2	1		
300-340						
250-290	1	1				
200-240						
Total	187		273		12	
Mean	644		678		652	
SD	96		93			
75th percentile	720		750			
50th percentile	660		700			
25th percentile	580		620			

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	14	8	123	42	18	28	15	20	58	35	18	30
700-740	33	20	48	17	10	16	13	17	34	20	11	18
650-690	46	28	50	17	13	20	16	21	23	14	9	15
600-640	27	16	37	13	9	14	13	17	20	12	7	12
550-590	21	13	19	7	9	14	10	13	15	9	6	10
500-540	9	5	7	2	3	5	4	5	9	5	5	8
450-490	9	5	5	2	2	3			3	2	3	5
400-440	5	3	1	0			2	3	4	2	1	2
350-390	1	1					2	3	1	1		
300-340												
250-290												
200-240												
Total	165		290		64		75		167		60	
Mean	640		706		676		657		685		673	
SD	87		86		87		95		98		106	
75th percentile	700		790		750		710		760		760	
50th percentile	660		720		680		660		710		690	
25th percentile	590		650		620		590		620		580	

## 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	7	78	3	19								
700-740	1	11	5	31								
650-690	1	11	1	6			1	100	1	100		
600-640			2	13	1	50						
550-590			1	6	1	50						
500-540			4	25								
450-490												
400-440												
350-390												
300-340												
250-290												
200-240												
Total	9		16		2		1		1			
Mean	766		658									
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					5	100	2	17	5	12		
700-740							2	17	8	20		
650-690							1	8	6	15	1	100
600-640									5	12		
550-590							2	17	5	12		
500-540							2	17	5	12		
450-490							3	25	4	10		
400-440									2	5		
350-390									1	2		
300-340												
250-290												
200-240												
Total					5		12		41		1	
Mean					794		599		618			
SD									115			
75th percentile									720			
50th percentile									630			
25th percentile									510			



## 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	24	1	521	523	517
Architecture and Related Services	61	2	557	565	548
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	229	7	582	566	566
Business Management, Marketing, and Related Support Services	246	7	523	525	515
Communication, Journalism and Related Programs	80	2	540	500	527
Computer and Information Sciences and Support Services	79	2	536	555	528
Construction Trades	1	0			
Education	132	4	514	506	520
Engineering	443	13	570	604	557
Engineering Technologies/Technicians	35	1	545	560	517
English Language and Literature/Letters	61	2	605	534	583
Family and Consumer Sciences/Human Sciences	9	0	510	462	498
Foreign Languages, Literatures, and Linguistics	37	1	637	562	614
Health Professions and Related Clinical Services	784	24	532	531	532
History	43	1	598	548	559
Legal Professions and Studies	120	4	547	517	537
Liberal Arts and Sciences, General Studies, and Humanities	38	1	553	516	541
Library Science And Administration	1	0			
Mathematics and Statistics	34	1	595	646	598
Mechanic and Repair Technologies/Technician	5	0	362	370	342
Military Technologies And Applied Sciences	4	0			
Multi/Interdisciplinary Studies	7	0	680	626	687
Natural Resources and Conservation	14	0	570	546	532
Parks, Recreation, Leisure and Fitness Studies	15	0	517	519	491
Personal and Culinary Services	5	0	474	452	476
Philosophy and Religious Studies	21	1	605	560	560
Physical Sciences	64	2	603	612	589
Precision Production					
Psychology	125	4	538	504	531
Public Administration and Social Services Professions	8	0	495	511	490
Security and Protective Services	43	1	439	434	446
Social Sciences	59	2	607	580	582
Theology and Religious Vocations	13	0	584	545	540
Transportation and Materials Moving	1	0			
Visual and Performing Arts	209	6	558	529	542
Other	48	1	489	488	487
Undecided	198	6	583	581	568
<b>Degree-Level Goal</b>					
Certificate Program	19	1	481	531	506
Associate Degree	23	1	392	361	388
Bachelor's Degree	739	22	508	501	491
Master's Degree	959	29	544	541	536
Doctoral or Related Degree	1,177	35	572	566	567
Other	16	0	521	536	518
Undecided	408	12	552	549	536

## College Plans

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

Of the 3,769 students from your state who took the SAT and/or an SAT Subject Test, 2,513 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 737 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
AUBURN UNIVERSITY	AL	Public	983	39.1
UNIVERSITY OF ALABAMA TUSCALOOSA	AL	Public	926	36.8
UNIVERSITY OF ALABAMA BIRMINGHAM	AL	Public	507	20.2
VANDERBILT UNIVERSITY	TN	Private	310	12.3
DUKE UNIVERSITY TIP	NC	Scholarship	269	10.7
UNIVERSITY OF ALABAMA HUNTSVILLE	AL	Public	236	9.4
UNIVERSITY OF SOUTH ALABAMA	AL	Public	235	9.4
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	218	8.7
SAMFORD UNIVERSITY	AL	Private	186	7.4
TROY STATE UNIVERSITY TROY	AL	Public	161	6.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	161	6.4
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	151	6.0
MISSISSIPPI STATE UNIVERSITY	MS	Public	147	5.8
BIRMINGHAM SOUTHERN COLLEGE	AL	Private	140	5.6
DUKE UNIVERSITY	NC	Private	139	5.5
EMORY UNIVERSITY	GA	Private	138	5.5
PRINCETON UNIVERSITY	NJ	Private	117	4.7
UNIVERSITY OF GEORGIA	GA	Public	115	4.6
YALE UNIVERSITY	CT	Private	98	3.9
UNIVERSITY NORTH ALABAMA	AL	Public	95	3.8
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	94	3.7
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	91	3.6
TULANE UNIVERSITY	LA	Private	91	3.6
NCAA ELIGIBILITY CENTER	IN	Public	90	3.6
JACKSONVILLE STATE UNIVERSITY	AL	Public	90	3.6
UNIVERSITY OF MISSISSIPPI	MS	Public	89	3.5
WASHINGTON UNIVERSITY	MO	Private	89	3.5
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	89	3.5
STANFORD UNIVERSITY	CA	Private	76	3.0
UNIVERSITY OF VIRGINIA	VA	Public	75	3.0
CORNELL UNIVERSITY	NY	Private	74	2.9
AUBURN UNIVERSITY MONTGOMERY	AL	Public	72	2.9
UNIVERSITY OF MONTEVALLO	AL	Public	72	2.9
ALABAMA STATE UNIVERSITY	AL	Public	70	2.8
WASHINGTON AND LEE UNIVERSITY	VA	Private	69	2.7
TUSKEGEE UNIVERSITY	AL	Private	64	2.5
BROWN UNIVERSITY	RI	Private	61	2.4
FLORIDA STATE UNIVERSITY	FL	Public	61	2.4
UNIVERSITY OF CHICAGO	IL	Private	60	2.4
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	58	2.3
NEW YORK UNIVERSITY	NY	Private	57	2.3
RHODES COLLEGE	TN	Private	57	2.3
RICE UNIVERSITY	TX	Private	57	2.3
BOSTON UNIVERSITY	MA	Private	54	2.1
ALABAMA AGRICULTURAL AND MECHANICAL UNIV	AL	Public	54	2.1

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

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Washington, DC 20036-2375  
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