



2008 College-Bound Seniors

State Profile Report

ALABAMA

Included in this Report

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.

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.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
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	3,591	565	109	557	112	554	106	56.3	10.6	7.2	1.7

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	1,638	573	110	580	112	550	105	56.3	10.5	7.1	1.8
Female	1,949	558	107	539	108	557	106	56.4	10.8	7.4	1.6
No Response**	4										

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)	1,789	560	112	549	115	546	107	55.5	10.8	7.2	1.7
Junior (2006-2007)	1,738	570	106	567	108	562	104	57.2	10.4	7.3	1.7
Sophomore (2005-2006)	53	540	96	551	83	526	92	54.7	9.2	6.7	1.5
Freshman (2004-2005)	11	525		481		498		51.0		6.8	
Total	3,591	565	109	557	112	554	106	56.3	10.6	7.2	1.7

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 3,591 students in this report, 3,584 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	640	640	630	580	590	570
50th	570	560	560	500	510	490
25th	490	480	480	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	95	72	167	122	55	177	59	70	129
700–740	122	130	252	122	84	206	77	115	192
650–690	198	214	412	250	193	443	173	222	395
600–640	308	327	635	266	253	519	244	296	540
550–590	279	337	616	287	386	673	308	381	689
500–540	262	344	608	221	327	548	288	328	617
450–490	164	223	387	174	270	446	221	240	462
400–440	114	159	273	100	193	294	132	159	291
350–390	55	89	145	51	108	159	96	81	178
300–340	28	37	66	34	57	91	23	38	62
250–290	8	14	22	8	17	25	9	10	19
200–240	5	3	8	3	6	10	5	5	10

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	2,361	71	45	55	562	558	551
Religiously Affiliated	449	14	45	55	574	555	558
Independent	495	15	54	46	582	577	575
Other or Unknown	286						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,546	99	565	109	557	112	553	106
Nonstandard Conditions	45	1	575	99	585	124	575	101

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	26	1	570	96	545	112	569	79
Asian, Asian American, or Pacific Islander	253	7	560	127	624	117	556	127
Black or African American	477	13	478	110	455	107	475	102
Mexican or Mexican American	21	1	578		552		563	
Puerto Rican	18	1	554		518		543	
Other Hispanic, Latino, or Latin American	64	2	568	98	554	123	560	105
White	2,565	71	583	98	572	99	569	96
Other	71	2	543	100	544	103	536	99
No Response	96	3	537	138	518	134	532	142
Total	3,591	100	565	109	557	112	554	106

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	9	0	557		571		549	
Asian, Asian American, or Pacific Islander	118	3	586	118	647	111	566	122
Black or African American	184	5	481	118	478	114	472	101
Mexican or Mexican American	8	0	571		589		543	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	27	1	566	113	571	135	544	118
White	1,217	34	588	100	592	99	562	96
Other	25	1	548	99	546	101	543	86
No Response	48	1	537	144	521	151	525	151
Total	1,638	46	573	110	580	112	550	105

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	16	0	582		538		586	
Asian, Asian American, or Pacific Islander	135	4	538	131	603	119	547	131
Black or African American	291	8	477	105	441	100	477	103
Mexican or Mexican American	13	0	582		530		576	
Puerto Rican	16	0	559		523		558	
Other Hispanic, Latino, or Latin American	37	1	568	85	542	112	571	93
White	1,348	38	578	96	555	95	575	95
Other	46	1	541	100	543	104	532	105
No Response	47	1	541	129	517	115	543	129
Total	1,949	54	558	107	539	108	557	106

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	3,591	100	565	109	557	112	554	106
First Language Learned								
English	2,923	89	568	106	553	109	554	102
English and Another	221	7	543	106	554	118	538	109
Another Language	157	5	525	129	608	124	535	129
No Response	290							
Citizenship								
U.S. Citizen / U.S. National	3,132	96	566	107	554	110	554	103
U.S. Permanent Resident or Refugee	68	2	547	130	599	127	553	129
Citizen of Another Country	66	2	474	120	614	112	495	123
Other, Unknown, or No Response	325							
Disabling Condition								
Yes	220	6	552	107	529	115	531	103
Unknown or No Response	3,371							
Plans to Apply for Financial Aid								
Yes	1,929	64	562	111	550	116	551	108
No	354	12	563	103	571	104	554	95
Don't Know	753	25	569	103	563	103	555	100
Family Income								
\$0 - \$20,000	120	5	451	119	458	128	452	111
\$20,000–\$40,000	241	10	508	115	495	119	501	110
\$40,000–\$60,000	315	13	554	114	543	111	545	109
\$60,000–\$80,000	338	14	561	100	543	106	545	100
\$80,000–\$100,000	356	15	570	101	558	101	557	101
\$100,000–\$120,000	328	14	576	100	563	103	564	96
\$120,000–\$140,000	156	7	578	99	577	99	563	92
\$140,000–\$160,000	120	5	581	102	566	93	554	93
\$160,000–\$200,000	143	6	582	101	575	97	571	94
More than \$200,000	266	11	603	89	608	92	587	88
No Response	1,208							
Highest Level of Parental Education								
No High School Diploma	24	1	438		442		440	
High School Diploma	502	16	505	114	490	114	495	105
Associate Degree	153	5	525	99	518	98	520	91
Bachelor's Degree	1,081	34	564	100	554	102	551	97
Graduate Degree	1,449	45	592	101	587	104	581	98
Took the PSAT/NMSQT®								
Yes, As a Junior	811	28	560	98	549	100	544	94
Yes, As a Sophomore or Younger	546	19	544	101	534	99	533	95
Yes, As a Junior and As a Sophomore or Younger	1,156	39	610	96	604	98	598	94
No	431	15	485	110	474	118	478	105

Academic Information

Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	1,007	50	44	56	607	604	599
Second Tenth	493	25	45	55	551	547	544
Second Fifth	290	15	48	52	520	520	510
Final Three Fifths	209	10	52	47	480	472	469
No Response	1,592						

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)	489	15	36	64	622	617	618
A (93–96)	933	29	39	61	596	591	585
A- (90–92)	632	19	45	55	565	561	556
B (80–89)	1,039	32	53	47	525	512	511
C (70–79)	145	4	55	44	455	428	435
D, E, or F (below 70)	7	0	43	57	449	430	373
No Response	346						
Mean Grade Point Average	All Students: 3.61		Male: 3.52		Female: 3.68		

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	2.1	2.4	2.3	3.88	3.93	3.91
English and Language Arts	3.9	3.9	3.9	3.43	3.67	3.56
Foreign and Classical Languages	2.6	2.7	2.7	3.45	3.68	3.58
Mathematics	4.0	4.0	4.0	3.40	3.44	3.42
Natural Sciences	3.9	3.9	3.9	3.51	3.57	3.54
Social Sciences and History	3.9	3.9	3.9	3.57	3.66	3.62
Total for All Subjects	20.4	20.8	20.7			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	165	6	42	58	568	559	559
4 Years	2,418	84	44	56	571	563	560
3 Years	233	8	47	52	524	504	504
2 Years	37	1	35	65	486	488	487
1 Year	10	0	30	70	491	468	493
1/2 Year or Less	4	0	50	50			
No Response	724						
Course Work or Experience							
English/Language Arts	2,564	94	43	57	567	556	555
Journalism	337	12	32	68	560	539	552
Creative Writing	715	26	38	62	560	537	552
American Literature	1,712	63	44	56	573	559	561
Composition/Writing	1,186	43	41	59	570	554	559
British Literature	1,060	39	44	56	588	574	574
World Literature	1,000	37	43	57	577	563	565
Communications	172	6	42	58	539	524	531
Public Speaking	600	22	45	55	580	561	572
English As Second Language	92	3	34	66	484	554	489
AP®/Honors Courses	1,629	57	41	59	601	587	589

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	431	15	46	54	586	602	576
4 Years	2,124	74	44	56	568	556	557
3 Years	272	9	42	57	528	503	511
2 Years	32	1	44	56	503	478	507
1 Year	7	0	29	71	377	379	376
1/2 Year or Less	3	0	33	67			
No Response	722						
Highest Level of Mathematics Achieved*							
Calculus	1,293	45	46	54	608	620	598
Pre-calculus	892	31	40	60	553	535	541
Trigonometry	280	10	44	56	513	484	501
Algebra II	323	11	46	54	496	453	478
Algebra I	57	2	49	47	458	398	445
AP/Honors Courses	1,373	48	43	57	601	606	593

*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

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	298	10	51	49	598	608	582
4 Years	2,130	75	43	57	571	560	561
3 Years	288	10	49	51	530	511	510
2 Years	89	3	46	54	512	512	508
1 Year	33	1	36	64	444	446	442
1/2 Year or Less	12	0	33	67	460	487	455
No Response	741						
Course Work or Experience							
Biology	2,743	98	44	56	567	558	555
Chemistry	2,596	93	44	56	573	566	561
Physics	1,514	54	50	50	582	584	569
Geology, Earth, or Space Science	936	33	46	54	534	516	521
Other Sciences	1,557	56	39	60	559	541	546
AP/Honors Courses	1,302	46	43	57	608	606	597

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	208	7	50	50	587	573	570
4 Years	2,255	79	44	56	572	564	561
3 Years	312	11	44	55	526	515	514
2 Years	64	2	39	61	503	515	499
1 Year	11	0	45	55	412	393	415
1/2 Year or Less	8	0	63	38	475	490	458
No Response	733						
Course Work or Experience							
U.S. History	2,669	96	44	56	568	558	556
World History or Cultures	2,287	82	44	56	569	559	557
U.S. Government or Civics	2,031	73	43	57	566	555	553
Economics	1,808	65	42	58	567	558	555
Geography	581	21	41	59	549	537	542
Psychology	685	25	36	64	578	562	565
European History	890	32	47	53	598	580	585
Sociology	200	7	40	61	553	531	535
Ancient History	314	11	46	54	571	557	561
Other Courses	370	13	44	56	563	544	548
AP/Honors Courses	1,487	52	44	56	606	594	594

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	143	5	49	51	617	619	601	
4 Years	674	24	39	61	615	602	608	
3 Years	604	21	43	56	592	588	581	
2 Years	1,113	39	46	54	541	531	528	
1 Year	227	8	48	52	491	480	476	
1/2 Year or Less	104	4	51	49	455	447	441	
No Response	726							
Course Work or Experience								
Chinese	38	1	34	66	557	608	551	
French	541	19	30	70	589	569	574	
German	166	6	54	46	588	573	565	
Greek	10	0	60	40	594	582	555	
Hebrew	3	0	67	33				
Italian	4	0	25	75				
Japanese	15	1	60	40	541	535	498	
Korean	8	0	13	88	435	564	434	
Latin	380	14	55	45	614	609	597	
Russian	8	0	38	63	569	558	568	
Spanish	1,863	67	44	56	558	550	548	
Other Languages	32	1	44	56	508	542	519	
AP/Honors Courses	690	24	42	58	618	610	610	

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	194	7	42	58	579	569	569
4 Years	631	22	39	61	580	561	566
3 Years	331	12	33	67	559	538	554
2 Years	534	19	43	57	552	547	544
1 Year	662	23	50	50	565	561	550
1/2 Year or Less	481	17	51	48	561	560	546
No Response	758						
Course Work or Experience							
Acting or Play Production	672	25	37	63	578	554	570
Art History or Appreciation	619	23	39	60	565	548	554
Dance	339	13	9	91	543	531	549
Drama: Study or Appreciation	496	18	38	63	567	545	561
Music: Study or Appreciation	601	22	47	53	575	561	565
Music Performance	1,172	44	44	56	578	564	568
Photography or Film	475	18	37	63	574	556	562
Studio Art and Design	564	21	34	66	579	568	568
None	304	11	54	46	545	544	533
AP/Honors Courses	281	10	39	61	601	586	593

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	2,173	81	45	55	572	561	560
Computer Programming	501	19	56	44	570	566	549
Word Processing	2,156	80	45	55	573	562	559
Internet Activity	1,525	57	45	55	569	557	558
Using Computer Graphics	801	30	45	55	561	550	549
Creating Spreadsheets/Databases	1,217	45	46	54	573	566	561
None	127	5	34	65	553	548	552

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
630	1,719	539	660	666	651

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	31	5
2	196	31
3	340	54
4 or More	63	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
English										
Literature	270	645	105	213	682	79	644	87	673	82
History and Social Studies										
U.S. History	344	647	100	293	669	77	656	92	659	82
World History	18	616		15	640		643		625	
Mathematics										
Mathematics Level 1	215	612	102	169	639	86	644	79	636	82
Mathematics Level 2	339	682	101	298	669	86	704	74	658	85
Science										
Biology-E	67	613	110	53	655	94	650	100	648	97
Biology-M	84	685	82	81	675	85	680	77	670	81
Chemistry	169	669	104	146	670	83	707	83	665	84
Physics	90	664	104	80	651	102	716	70	634	99
Foreign and Classical Languages										
Chinese/Listening	9	757		9	568		754		547	
French	33	630	122	28	695	74	680	91	678	78
French/Listening	7	623		7	681		680		693	
German										
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening	1			1						
Korean/Listening	5	786		5	636		754		650	
Latin	10	577		10	688		654		677	
Spanish	44	573	103	38	662	74	651	85	668	87
Spanish/Listening	14	622		14	656		638		669	

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	49	18	64	19	2	11
700-740	51	19	62	18	7	39
650-690	50	19	69	20	3	17
600-640	46	17	56	16		
550-590	28	10	31	9		
500-540	19	7	28	8		
450-490	13	5	21	6	3	17
400-440	8	3	10	3	2	11
350-390	5	2	3	1	1	6
300-340	1	0				
250-290						
200-240						
Total	270		344		18	
Mean	645		647		616	
SD	105		100			
75th percentile	730		730			
50th percentile	660		660			
25th percentile	580		590			

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	7	124	37	7	10	21	25	51	30	23	26
700-740	39	18	45	13	10	15	23	27	25	15	22	24
650-690	40	19	48	14	12	18	19	23	32	19	11	12
600-640	41	19	51	15	12	18	11	13	22	13	10	11
550-590	25	12	36	11	9	13	3	4	14	8	10	11
500-540	23	11	18	5	6	9	5	6	12	7	6	7
450-490	15	7	13	4	3	4			8	5	6	7
400-440	13	6	3	1	7	10	2	2	5	3	2	2
350-390	3	1	1	0								
300-340	2	1			1	1						
250-290												
200-240												
Total	215		339		67		84		169		90	
Mean	612		682		613		685		669		664	
SD	102		101		110		82		104		104	
75th percentile	690		780		690		740		760		740	
50th percentile	630		690		630		710		680		690	
25th percentile	540		610		530		640		600		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	6	67	7	21								
700-740	2	22	4	12	2	29						
650-690			9	27								
600-640	1	11	2	6	3	43						
550-590					1	14						
500-540			5	15	1	14						
450-490			4	12								
400-440			1	3								
350-390			1	3								
300-340												
250-290												
200-240												
Total	9		33		7							
Mean	757		630		623							
SD			122									
75th percentile			730									
50th percentile			650									
25th percentile			500									

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			1	100	4	80	1	10	3	7	2	14
700-740					1	20			3	7	3	21
650-690							3	30	2	5	3	21
600-640							1	10	11	25	1	7
550-590									7	16	2	14
500-540							2	20	10	23	1	7
450-490							2	20	4	9	1	7
400-440							1	10	2	5		
350-390									1	2	1	7
300-340									1	2		
250-290												
200-240												
Total			1		5		10		44		14	
Mean					786		577		573		622	
SD									103			
75th percentile									630			
50th percentile									560			
25th percentile									510			

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	14	1	519	510	531
Architecture and Related Services	50	2	532	548	535
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	191	7	590	590	582
Business Management, Marketing, and Related Support Services	238	9	519	534	515
Communication, Journalism and Related Programs	84	3	566	525	566
Computer and Information Sciences and Support Services	64	2	525	521	493
Construction Trades	1	0			
Education	101	4	523	521	530
Engineering	311	12	583	609	558
Engineering Technologies/Technicians	32	1	527	546	506
English Language and Literature/Letters	55	2	662	579	646
Family and Consumer Sciences/Human Sciences	6	0	470	495	490
Foreign Languages, Literatures, and Linguistics	37	1	626	573	609
Health Professions and Related Clinical Services	578	22	551	548	547
History	57	2	620	553	582
Legal Professions and Studies	104	4	561	533	541
Liberal Arts and Sciences, General Studies, and Humanities	32	1	613	567	602
Library Science/Librarianship	1	0			
Mathematics and Statistics	32	1	575	649	585
Mechanic and Repair Technologies/Technician	2	0			
Military Sciences	10	0	584	543	516
Multi/Interdisciplinary Studies	11	0	625	609	606
Natural Resources and Conservation	14	1	562	549	553
Parks, Recreation, Leisure and Fitness Studies	6	0	555	493	497
Personal and Culinary Services	4	0			
Philosophy and Religious Studies	8	0	679	616	654
Physical Sciences	45	2	618	628	580
Precision Production					
Psychology	89	3	546	511	532
Public Administration and Social Services Professions	7	0	550	487	560
Security and Protective Services	18	1	489	466	474
Social Sciences	63	2	635	568	597
Theology and Religious Vocations	11	0	605	565	621
Transportation and Materials Moving	3	0			
Visual and Performing Arts	205	8	568	530	563
Other	11	0	501	523	514
Undecided	76	3	589	596	574
Degree-Level Goal					
Certificate Program	15	0	479	525	482
Associate Degree	8	0	484	431	463
Bachelor's Degree	521	17	528	516	514
Master's Degree	953	31	556	548	549
Doctoral or Related Degree	1,056	35	587	581	574
Other	10	0	518	517	531
Undecided	497	16	572	564	556

College Plans

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

Of the 3,682 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 2,922 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 890 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF ALABAMA TUSCALOOSA	AL	Public	1,263	43.2
AUBURN UNIVERSITY	AL	Public	1,227	42.0
UNIVERSITY OF ALABAMA BIRMINGHAM	AL	Public	697	23.9
VANDERBILT UNIVERSITY	TN	Private	488	16.7
UNIVERSITY OF ALABAMA HUNTSVILLE	AL	Public	326	11.2
BIRMINGHAM SOUTHERN COLLEGE	AL	Private	319	10.9
SAMFORD UNIVERSITY	AL	Private	257	8.8
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	253	8.7
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	249	8.5
EMORY UNIVERSITY	GA	Private	244	8.4
UNIVERSITY OF GEORGIA ATHENS	GA	Public	241	8.2
UNIVERSITY OF SOUTH ALABAMA	AL	Public	209	7.2
DUKE UNIVERSITY	NC	Private	200	6.8
TROY STATE UNIVERSITY TROY	AL	Public	194	6.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	158	5.4
WASHINGTON UNIVERSITY	MO	Private	148	5.1
YALE UNIVERSITY	CT	Private	144	4.9
UNIVERSITY OF MONTEVALLO	AL	Public	133	4.6
PRINCETON UNIVERSITY	NJ	Private	132	4.5
NEW YORK UNIVERSITY	NY	Private	131	4.5
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	125	4.3
UNIVERSITY OF FLORIDA	FL	Public	122	4.2
TULANE UNIVERSITY	LA	Private	122	4.2
MISSISSIPPI STATE UNIVERSITY	MS	Public	118	4.0
UNIVERSITY OF THE SOUTH	TN	Private	118	4.0
FURMAN UNIVERSITY	SC	Private	109	3.7
UNIVERSITY OF VIRGINIA	VA	Public	107	3.7
UNIVERSITY NORTH ALABAMA	AL	Public	107	3.7
UNIVERSITY OF MISSISSIPPI	MS	Public	104	3.6
JACKSONVILLE STATE UNIVERSITY	AL	Public	103	3.5
NORTHWESTERN UNIVERSITY	IL	Private	102	3.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	98	3.4
RHODES COLLEGE	TN	Private	96	3.3
STANFORD UNIVERSITY	CA	Private	96	3.3
RICE UNIVERSITY	TX	Private	93	3.2
FLORIDA STATE UNIVERSITY	FL	Public	92	3.1
LOUISIANA STATE UNIVERSITY BATON ROUGE	LA	Public	92	3.1
GEORGETOWN UNIVERSITY	DC	Private	87	3.0
CORNELL UNIVERSITY	NY	Private	86	2.9
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	86	2.9
ALABAMA STATE UNIVERSITY	AL	Public	83	2.8
WASHINGTON AND LEE UNIVERSITY	VA	Private	82	2.8
CLEMSON UNIVERSITY	SC	Public	82	2.8
WAKE FOREST UNIVERSITY	NC	Private	77	2.6
UNIVERSITY OF TENNESSEE KNOXVILLE	TN	Public	73	2.5

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

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