

State Profile Report

ARKANSAS

Included in this Report

SAT Reasoning Test™ Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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 2006* includes students who tested through April 2006.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2006 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

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

Keep in mind, however, that:

- relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- interpreting SAT Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT Reasoning Test mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at www.collegeboard.com.

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the percentile point, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

Scaled score

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

Standard deviation (SD)

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

The College Board: Connecting Students to College Success

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,000 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment, and teaching and learning. Among its best-known programs are the SAT[®], 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 Reasoning Test Scores

College-Bound Seniors, 1972–2006

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

NOTE: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2006, all scores are reported on the recentered scale.

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SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2006. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through April 2006. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing*	
	Number	Mean	SD	Mean	SD	Mean	SD
Total	1,489	574	104	568	103	567	102

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	735	577	104	587	105	563	105
Female	754	571	104	550	98	571	99

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

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

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Senior	890	582	108	580	106	572	104
Junior	544	564	94	550	94	556	95
Sophomore	51	537	110	553	109		
Freshman	4						
Total	1,489	574	104	568	103	567	102

Table 4: Mean Scores for Total Group

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

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Total Group	1,465,744	503	113	518	115	497	109

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 1,489 students in this report, 1,259 students have scores on the SAT writing section.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT Reasoning Test Data

Table 5: Percentiles for State and Total Group

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

SAT Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	640	640	640	580	600	570
50th	580	570	570	500	520	490
25th	510	500	500	430	440	420

Table 6: Score Distributions

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	32	33	65	29	15	44	14	25	39
700–749	59	48	107	80	27	107	44	40	84
650–699	95	105	200	121	80	201	88	78	166
600–649	141	134	275	144	121	265	102	121	223
550–599	135	138	273	117	153	270	128	145	273
500–549	121	115	236	96	154	250	88	93	181
450–499	78	98	176	72	104	176	61	72	133
400–449	38	46	84	45	50	95	48	36	84
350–399	23	22	45	18	33	51	26	26	52
300–349	6	10	16	7	11	18	10	6	16
250–299	5	4	9	4	4	8	5		5
200–249	2	1	3	2	2	4	2	1	3

Table 7: Type of High School

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,086	80	47	53	577	571	568
Religiously Affiliated	186	14	61	39	577	570	569
Independent	78	6	49	51	562	580	588
Other or Unknown	139						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,479	99	574	104	568	103	567	102
Nonstandard Conditions	10	1	581		561		593	

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	20	1	591		583		559	
Asian, Asian American, or Pacific Islander	104	7	557	115	623	103	545	112
Black or African American	141	9	494	97	481	102	500	97
Mexican or Mexican American	21	1	552		570		552	
Puerto Rican	6	0	498		542		533	
Other Hispanic, Latino, or Latin American	18	1	542		529		522	
White	1,064	71	590	96	576	96	582	96
Other	34	2	539	117	526	99	537	104
No Response*	81	5	556	113	570	103	551	104
Total	1,489	100	574	104	568	103	567	102

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	13	1	571		591		552	
Asian, Asian American, or Pacific Islander	61	4	560	111	631	103	538	110
Black or African American	61	4	489	92	479	102	482	101
Mexican or Mexican American	14	1	533		569		543	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	6	0	603		570		537	
White	517	35	592	96	595	99	578	99
Other	13	1	539		570		550	
No Response*	47	3	570	103	584	104	559	105
Total	735	49	577	104	587	105	563	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	7	0	629		569		575	
Asian, Asian American, or Pacific Islander	43	3	552	120	611	101	553	115
Black or African American	80	5	498	99	483	101	515	91
Mexican or Mexican American	7	0	590		573		570	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	12	1	511		509		514	
White	547	37	588	95	557	90	586	93
Other	21	1	539		500		530	
No Response*	34	2	537	122	549	98	538	101
Total	754	51	571	104	550	98	571	99

No Response indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

Demographic Information

SAT Reasoning Test: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

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

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	1,489	100	574	104	568	103	567	102
First Language Learned								
English	1,279	88	579	102	564	103	572	100
English and Another	103	7	564	100	582	98	549	102
Another Language	70	5	515	112	602	99	513	109
No Response*	37							
Citizenship								
U.S. Citizen / U.S. National	1,339	95	579	101	567	102	571	100
U.S. Permanent Resident or Refugee	30	2	550	121	590	101	546	117
Citizen of Another Country	36	3	478	108	619	89	484	97
Other, Unknown, or No Response*	84							
Disabling Condition								
Yes	79	5	547	107	520	104	534	106
Unknown or No Response*	1,410							
Plans to Apply for Financial Aid								
Yes	977	72	573	100	565	103	567	101
No	118	9	588	103	586	99	581	100
Don't Know	269	20	574	112	567	100	566	109
Family Income								
Less than \$10,000	17	2	483		532		493	
\$10,000–\$20,000	53	5	519	100	523	98	505	105
\$20,000–\$30,000	73	7	541	106	542	98	532	91
\$30,000–\$40,000	106	10	551	113	554	107	540	109
\$40,000–\$50,000	88	8	565	102	541	103	557	106
\$50,000–\$60,000	95	9	591	91	570	100	571	103
\$60,000–\$70,000	115	10	572	102	566	99	572	102
\$70,000–\$80,000	75	7	578	101	552	112	571	115
\$80,000–\$100,000	143	13	576	96	573	96	571	100
More than \$100,000	348	31	600	96	592	98	596	90
No Response*	376							
Highest Level of Parental Education								
No High School Diploma	26	2	518	115	550	133	506	104
High School Diploma	259	18	538	99	526	102	529	106
Associate Degree	93	7	535	109	528	109	529	101
Bachelor's Degree	462	33	576	102	568	100	570	99
Graduate Degree	578	41	603	93	597	93	594	91
Took the PSAT/NMSQT®								
Yes, As a Junior	467	36	585	97	576	96	577	94
Yes, As a Sophomore or Younger	208	16	570	105	551	103	554	103
Yes, As a Junior and As a Sophomore or Younger	385	30	604	93	598	97	601	96
No	226	18	515	101	513	100	504	102

No Response indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

Academic Information

Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Top Tenth	602	59	48	52	617	616	614
Second Tenth	201	20	51	49	570	560	555
Second Fifth	131	13	58	42	517	507	508
Final Three Fifths	86	8	57	43	497	479	471
No Response*	469						

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)	304	21	43	57	639	630	632
A (93–96)	435	30	46	54	596	597	591
A- (90–92)	278	19	52	48	565	565	559
B (80–89)	355	25	54	46	527	507	513
C (70–79)	64	4	61	39	467	447	454
D, E, or F (below 70)	1	0	0	100			
No Response*	52						
Mean Grade Point Average	All Students: 3.70		Male: 3.64		Female: 3.76		

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	2.5	2.3	3.86	3.94	3.90
English	3.9	4.0	4.0	3.57	3.70	3.64
Foreign and Classical Languages	2.7	2.8	2.8	3.57	3.72	3.65
Mathematics	4.1	4.1	4.1	3.51	3.50	3.51
Natural Sciences	3.8	3.8	3.8	3.59	3.58	3.58
Social Sciences and History	3.6	3.7	3.6	3.64	3.68	3.66
Total for All Subjects	20.2	20.9	20.6			

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

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

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
20 or More Years	819	66	46	54	593	581	585
19 or 19.5 Years	125	10	51	49	558	560	546
18 or 18.5 Years	109	9	51	49	549	558	539
17 or 17.5 Years	72	6	53	47	554	539	555
16 or 16.5 Years	41	3	71	29	542	539	527
15 or 15.5 Years	22	2	64	36	531	515	495
Less than 15 Years	48	4	60	40	500	508	481
Incomplete Response	253						

*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

Academic Information

Course-Taking Patterns

Table 17: English, Mathematics

English Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	95	7	45	55	556	558	555
4 Years	1,073	84	48	52	581	573	572
3 Years	91	7	56	44	541	528	541
2 Years	18	1	61	39	547	596	554
1 Year	6	0	33	67	498	478	505
1/2 Year or Less	2	0	50	50			
No Response*	204						
Course Work or Experience							
American Literature	1,082	87	47	53	584	571	575
Grammar	950	76	46	54	584	573	577
Composition	946	76	47	53	594	580	588
Literature, Historical Periods	640	51	42	58	601	577	590
British Literature	626	50	47	53	598	584	588
Speaking and Listening	614	49	45	55	586	572	579
Literature, Other Country	304	24	39	61	608	580	594
English As Second Language	30	2	57	43	490	597	492
AP®/Honors Courses	833	65	44	56	601	588	594
Mathematics							
Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	315	25	52	48	600	610	595
4 Years	819	64	48	52	574	562	565
3 Years	136	11	46	54	535	508	527
2 Years	12	1	50	50	490	533	492
1 Year	2	0	50	50			
1/2 Year or Less	0	0					
No Response*	205						
Course Work or Experience							
Algebra	1,267	98	48	52	576	567	568
Geometry	1,269	99	48	52	577	567	569
Trigonometry	838	65	49	51	592	592	584
Precalculus	862	67	48	52	587	587	580
Calculus	669	52	51	49	604	616	600
Other Math Courses	381	30	48	52	574	571	569
Computer Math	99	8	64	36	574	584	565
AP/Honors Courses	723	56	49	51	604	607	600

*No Response indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

Academic Information

Course-Taking Patterns

Table 18: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	220	17	51	49	605	613	598
4 Years	673	53	48	52	585	577	579
3 Years	323	25	47	53	543	524	533
2 Years	47	4	55	45	556	561	544
1 Year	7	1	43	57	547	517	495
1/2 Year or Less	7	1	71	29	477	536	490
No Response*	212						
Course Work or Experience							
Biology	1,278	99	48	52	576	567	568
Chemistry	1,216	94	47	53	577	569	570
Physics	830	64	50	50	589	589	584
Geology, Earth, or Space Science	554	43	50	50	565	555	556
Other Sciences	554	43	45	55	571	563	565
AP/Honors Courses	673	53	47	53	606	603	599

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	125	10	54	46	608	594	595
4 Years	642	50	46	54	584	566	575
3 Years	444	35	49	51	560	563	557
2 Years	63	5	63	37	553	576	534
1 Year	5	0	20	80	540	508	443
1/2 Year or Less	3	0	67	33			
No Response*	207						
Course Work or Experience							
U.S. History	1,255	97	48	52	577	569	569
World History or Cultures	1,146	89	47	53	575	568	568
U.S. Government or Civics	1,144	89	46	54	579	569	571
Economics	211	16	57	43	577	579	565
Geography	379	29	45	55	559	555	551
Psychology	399	31	37	63	585	562	579
European History	338	26	51	49	601	577	592
Sociology	138	11	41	59	569	543	551
Ancient History	91	7	51	49	559	553	549
Anthropology	16	1	75	25	566	558	540
Other Courses	240	19	48	53	579	562	570
AP/Honors Courses	739	58	46	54	601	590	594

No Response indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

Academic Information

Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	85	7	44	56	582	585	581
4 Years	268	21	41	59	594	587	594
3 Years	276	21	47	53	585	573	579
2 Years	577	45	52	48	569	561	558
1 Year	57	4	51	49	528	519	505
1/2 Year or Less	24	2	63	38	513	500	486
No Response*	202						
Course Work or Experience							
Chinese	15	1	53	47	511	578	499
French	249	19	36	64	577	557	567
German	79	6	58	42	581	564	566
Greek	15	1	73	27	622	572	608
Hebrew	8	1	75	25	576	504	554
Italian	10	1	50	50	519	521	518
Japanese	16	1	44	56	557	570	553
Korean	11	1	73	27	490	605	495
Latin	119	9	65	35	597	586	591
Russian	12	1	83	17	550	527	535
Spanish	970	75	47	53	576	567	570
Other Languages	27	2	48	52	501	550	520
AP/Honors Courses	378	29	47	53	604	599	604

*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

Academic Information

Course-Taking Patterns

Table 20: Arts and Music, Computers

Arts and Music	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	135	11	40	60	582	566	575	
4 Years	258	20	44	56	600	574	592	
3 Years	139	11	45	55	567	560	569	
2 Years	210	16	44	56	569	550	556	
1 Year	341	27	55	45	569	572	561	
1/2 Year or Less	191	15	57	43	563	574	555	
No Response*	215							
Course Work or Experience								
Acting or Play Production	326	27	38	62	588	563	581	
Art History or Appreciation	359	30	46	54	580	561	571	
Dance	125	10	14	86	539	530	543	
Drama: Study or Appreciation	274	23	34	66	573	548	568	
Music: Study or Appreciation	268	22	56	44	595	574	583	
Music Performance	566	47	45	55	586	573	581	
Photography or Film	157	13	41	59	576	551	567	
Studio Art and Design	252	21	40	60	576	560	568	
None	92	8	66	34	541	548	533	
AP/Honors Courses	157	12	41	59	614	594	609	
Computers								
Course Work or Experience	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	838	67	49	51	583	571	575	
Computer Programming	213	17	66	34	588	596	575	
Word Processing	971	77	48	52	577	569	570	
Internet Activity	648	52	49	51	579	569	571	
Using Computer Graphics	390	31	51	49	579	570	569	
Creating Spreadsheets/Databases	481	38	50	50	589	581	579	
None	117	9	40	60	576	566	576	

No Response indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

SAT Subject Tests™ Data

Table 21: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
253	705	203	636	647	631

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	12	5
2	67	26
3	147	58
4 or More	27	11

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

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Writing*	16	656		14	662		697		646	
Literature	127	642	87	103	662	80	636	82	649	74
History and Social Studies										
U.S. History	94	630	96	67	666	82	654	81	657	69
World History	19	587		13	649		635		659	
Mathematics										
Mathematics Level 1	115	622	93	85	617	83	642	78	618	87
Mathematics Level 2	121	668	92	106	648	87	679	80	642	75
Science										
Biology-E	20	617		18	638		656		650	
Biology-M	35	653	91	30	674	80	683	66	652	72
Chemistry	81	612	102	67	640	89	669	86	639	88
Physics	35	657	94	32	653	94	692	76	641	85
Foreign and Classical Languages										
Chinese/Listening	2			2						
French	9	608		8	604		584		621	
French/Listening	1			1						
German	0			0						
German/Listening	2			2						
Modern Hebrew	0			0						
Italian	0			0						
Japanese/Listening	0			0						
Korean/Listening	0			0						
Latin	1			1						
Spanish	23	596		22	605		624		612	
Spanish/Listening	4			4						

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

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

SAT Subject Tests Score Distributions

Table 23: English, History and Social Studies

SAT Subject Tests	English				History and Social Studies			
	Writing		Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct	N	Pct
750–800	5	31	18	14	5	5	1	5
700–749	4	25	22	17	27	29		
650–699	1	6	21	17	15	16	5	26
600–649	1	6	29	23	17	18	2	11
550–599	2	13	22	17	7	7	6	32
500–549	1	6	8	6	15	16	2	11
450–499			6	5	6	6	2	11
400–449							1	5
350–399	2	13	1	1	2	2		
300–349								
250–299								
200–249								
Total	16		127		94		19	
Mean	656		642		630		587	
SD			87		96			
75th percentile			710		710			
50th percentile			640		640			
25th percentile			580		540			

Table 24: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	4	3	31	26	1	5	3	9	9	11	10	29
700–749	27	23	18	15	4	20	10	29	12	15	3	9
650–699	24	21	18	15	1	5	7	20	5	6	5	14
600–649	23	20	26	21	6	30	7	20	20	25	11	31
550–599	12	10	15	12	4	20	3	9	14	17	1	3
500–549	11	10	9	7	2	10	3	9	10	12	3	9
450–499	6	5	4	3	2	10			6	7	2	6
400–449	7	6					2	6	5	6		
350–399	1	1										
300–349												
250–299												
200–249												
Total	115		121		20		35		81		35	
Mean	622		668		617		653		612		657	
SD	93		92				91		102		94	
75th percentile	700		740		690		740		690		750	
50th percentile	630		660		620		650		610		630	
25th percentile	560		600		560		590		540		600	

SAT Subject Tests Score Distributions

Table 25: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800	1	50	1	11	1	100			1	50		
700–749			2	22					1	50		
650–699	1	50	1	11								
600–649			1	11								
550–599												
500–549			2	22								
450–499			2	22								
400–449												
350–399												
300–349												
250–299												
200–249												
Total	2		9		1		0		2		0	
Mean			608									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 26: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750–800									2	9		
700–749									5	22		
650–699									2	9		
600–649									3	13		
550–599							1	100	2	9	1	25
500–549									5	22	3	75
450–499												
400–449									4	17		
350–399												
300–349												
250–299												
200–249												
Total	0		0		0		1		23		4	
Mean									596			
SD												
75th percentile									710			
50th percentile									590			
25th percentile									500			

College Plans

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

SAT Reasoning Test	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Intended College Major					
Agriculture or Natural Resources	6	1	490	462	464
Architecture or Environmental Design	27	2	573	567	574
Arts: Visual and Performing	95	8	568	532	551
Biological Sciences	81	7	590	582	583
Business and Commerce	119	11	549	562	539
Communications	38	3	562	524	543
Computer or Information Sciences	42	4	589	605	562
Education	36	3	580	550	577
Engineering and Engineering Technologies	124	11	595	621	593
Foreign or Classical Languages	15	1	598	561	602
General or Interdisciplinary Studies	7	1	570	543	546
Health and Allied Services	235	21	555	558	557
Home Economics					
Language and Literature	38	3	663	582	641
Library and Archival Sciences					
Mathematics	15	1	587	653	596
Military Sciences	3	0			
Philosophy, Religion, or Theology	17	2	628	565	587
Physical Sciences	33	3	595	635	598
Public Affairs and Services	18	2	544	515	531
Social Sciences and History	124	11	584	534	572
Technical and Vocational	7	1	469	469	459
Undecided	38	3	604	612	594
Degree-Level Goal					
Certificate Program	4	0			
Associate Degree	4	0			
Bachelor's Degree	221	16	537	526	527
Master's Degree	365	27	569	572	567
Doctoral or Related Degree	530	39	596	585	588
Other	6	0	498	513	516
Undecided	224	17	573	562	568
Plans for Advanced Standing in College Courses					
Art	84	7	596	571	591
Biology	325	27	610	608	607
Chemistry	319	26	614	628	617
Computer Science	57	5	631	620	608
English	741	61	605	590	600
Foreign Languages	304	25	606	598	603
Humanities	72	6	647	607	629
Mathematics	578	47	606	618	605
Music	67	5	600	587	600
Physics	194	16	620	639	621
Social Studies	549	45	610	592	605
None of These	242	20	519	509	512

College Plans

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

Of the 1,539 students from your state who participated in the SAT Program, 1,222 designated that their SAT score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 668 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF ARKANSAS FAYETTEVILLE	AR	Public	642	52.5
UNIVERSITY OF CENTRAL ARKANSAS	AR	Public	270	22.1
HENDRIX COLLEGE	AR	Private	214	17.5
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	171	14.0
WASHINGTON UNIVERSITY	MO	Private	141	11.5
VANDERBILT UNIVERSITY	TN	Private	115	9.4
ARKANSAS STATE UNIVERSITY	AR	Public	106	8.7
UNIVERSITY OF ARKANSAS LITTLE ROCK	AR	Public	92	7.5
RHODES COLLEGE	TN	Private	90	7.4
DUKE UNIVERSITY	NC	Private	89	7.3
UNIVERSITY OF TEXAS AUSTIN	TX	Public	84	6.9
BAYLOR UNIVERSITY	TX	Private	82	6.7
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	76	6.2
ARKANSAS TECHNICAL UNIVERSITY	AR	Public	71	5.8
STANFORD UNIVERSITY	CA	Private	68	5.6
YALE UNIVERSITY	CT	Private	67	5.5
RICE UNIVERSITY	TX	Private	64	5.2
PRINCETON UNIVERSITY	NJ	Private	63	5.2
NEW YORK UNIVERSITY	NY	Private	58	4.7
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	53	4.3
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	50	4.1
SOUTHERN METHODIST UNIVERSITY	TX	Private	47	3.8
CORNELL UNIVERSITY	NY	Private	44	3.6
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	43	3.5
OUACHITA BAPTIST UNIVERSITY	AR	Private	43	3.5
TEXAS A&M UNIVERSITY COLLEGE STATION	TX	Public	43	3.5
TULANE UNIVERSITY	LA	Private	42	3.4
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	42	3.4
LYON COLLEGE	AR	Private	40	3.3
HARDING UNIVERSITY	AR	Private	39	3.2
UNIVERSITY OF VIRGINIA	VA	Public	38	3.1
UNIVERSITY OF GEORGIA ATHENS	GA	Public	38	3.1
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	37	3.0
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	37	3.0
NORTHWESTERN UNIVERSITY	IL	Private	37	3.0
UNIVERSITY OF TULSA	OK	Private	35	2.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	32	2.6
LOUISIANA STATE UNIVERSITY BATON ROUGE	LA	Public	31	2.5
UNIVERSITY OF NOTRE DAME	IN	Private	30	2.5
UNIVERSITY OF CHICAGO	IL	Private	30	2.5
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	29	2.4
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	29	2.4
JOHN BROWN UNIVERSITY	AR	Private	29	2.4
UNIVERSITY OF ARKANSAS FORT SMITH	AR	Public	29	2.4
UNIVERSITY OF OKLAHOMA	OK	Public	29	2.4

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

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