



2008 College-Bound Seniors

State Profile Report

KENTUCKY

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			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
	Number							Mean	SD	Mean	SD
Total	3,692	568	104	570	103	554	102	55.9	10.4	7.5	1.6

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
	Number							Mean	SD	Mean	SD
Male	1,791	571	106	588	103	548	103	55.4	10.5	7.3	1.7
Female	1,897	566	101	552	99	561	100	56.4	10.3	7.6	1.5
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			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
	Number							Mean	SD	Mean	SD
Senior (2007-2008)	1,904	570	106	571	105	555	104	55.9	10.6	7.5	1.6
Junior (2006-2007)	1,732	568	100	569	100	555	100	56.0	10.2	7.5	1.6
Sophomore (2005-2006)	45	520	100	538	97	496	85	50.7	8.5	6.9	1.6
Freshman (2004-2005)	11	541		525		528		54.0		6.8	
Total	3,692	568	104	570	103	554	102	55.9	10.4	7.5	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 Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
	Number							Mean	SD	Mean	SD
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 3,692 students in this report, 3,685 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	570	550	500	510	490
25th	500	500	490	420	430	420

Table 6: Score Distributions

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	76	65	141	115	47	162	41	56	97
700–740	126	120	246	155	76	231	97	112	209
650–690	252	214	466	293	230	523	180	220	400
600–640	336	365	701	315	296	612	268	335	603
550–590	301	369	671	322	389	712	322	348	670
500–540	280	332	613	255	335	591	331	361	693
450–490	196	207	404	178	252	430	256	228	486
400–440	127	124	252	98	157	256	171	134	305
350–390	58	60	118	34	74	108	76	58	134
300–340	21	29	50	20	26	46	28	36	64
250–290	13	9	22	3	10	13	11	6	18
200–240	5	3	8	3	5	8	5	1	6

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	2,230	67	48	51	566	573	550
Religiously Affiliated	897	27	50	50	577	575	568
Independent	195	6	51	49	581	574	580
Other or Unknown	370						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,652	99	568	103	570	102	554	102
Nonstandard Conditions	40	1	575	111	560	122	565	120

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	19	1	526		506		506	
Asian, Asian American, or Pacific Islander	216	6	526	143	627	106	536	135
Black or African American	172	5	481	105	471	99	471	97
Mexican or Mexican American	16	0	555		550		530	
Puerto Rican	10	0	585		588		560	
Other Hispanic, Latino, or Latin American	42	1	549	112	534	103	524	110
White	3,027	82	577	96	573	98	561	96
Other	72	2	568	116	553	110	553	117
No Response	118	3	578	111	564	112	565	111
Total	3,692	100	568	104	570	103	554	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	9	0	511		519		483	
Asian, Asian American, or Pacific Islander	120	3	515	142	640	102	522	133
Black or African American	81	2	470	113	470	98	458	100
Mexican or Mexican American	12	0	532		532		512	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	18	0	538		537		532	
White	1,459	40	581	97	591	97	555	97
Other	30	1	571	121	579	112	541	122
No Response	59	2	594	101	588	110	571	101
Total	1,791	49	571	106	588	103	548	103

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	10	0	540		494		527	
Asian, Asian American, or Pacific Islander	96	3	539	143	612	108	554	135
Black or African American	91	2	491	97	472	99	482	93
Mexican or Mexican American	3	0						
Puerto Rican	7	0	596		554		557	
Other Hispanic, Latino, or Latin American	24	1	558		531		519	
White	1,566	42	573	94	555	95	567	94
Other	42	1	567	113	534	104	562	113
No Response	58	2	563	119	541	109	561	120
Total	1,897	51	566	101	552	99	561	100

Demographic Information

SAT Reasoning Test: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

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

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	3,692	100	568	104	570	103	554	102
First Language Learned								
English	3,109	90	571	98	566	100	555	99
English and Another	191	6	553	109	572	112	546	105
Another Language	155	4	491	142	594	117	503	133
No Response	237							
Citizenship								
U.S. Citizen / U.S. National	3,263	97	571	99	567	101	555	99
U.S. Permanent Resident or Refugee	51	2	545	122	595	133	561	125
Citizen of Another Country	64	2	457	141	610	109	477	128
Other, Unknown, or No Response	314							
Disabling Condition								
Yes	215	6	544	106	543	115	526	110
Unknown or No Response	3,477							
Plans to Apply for Financial Aid								
Yes	2,094	65	570	103	569	103	555	104
No	327	10	562	99	564	103	546	99
Don't Know	786	25	561	102	567	98	549	96
Family Income								
\$0 - \$20,000	92	4	514	116	518	111	495	98
\$20,000–\$40,000	225	9	539	116	534	109	524	116
\$40,000–\$60,000	311	13	564	101	556	99	543	98
\$60,000–\$80,000	427	17	561	103	564	104	544	103
\$80,000–\$100,000	420	17	573	99	573	101	555	100
\$100,000–\$120,000	332	13	561	103	570	98	555	102
\$120,000–\$140,000	171	7	570	99	579	90	554	95
\$140,000–\$160,000	131	5	586	96	575	103	564	94
\$160,000–\$200,000	132	5	577	90	573	99	567	94
More than \$200,000	230	9	578	88	582	94	569	89
No Response	1,221							
Highest Level of Parental Education								
No High School Diploma	20	1	485		539		500	
High School Diploma	515	15	528	99	528	102	512	98
Associate Degree	198	6	525	102	529	102	504	98
Bachelor's Degree	1,211	36	563	99	565	97	549	97
Graduate Degree	1,383	42	593	96	591	98	580	96
Took the PSAT/NMSQT®								
Yes, As a Junior	879	28	567	96	566	95	553	93
Yes, As a Sophomore or Younger	584	19	545	97	542	96	526	95
Yes, As a Junior and As a Sophomore or Younger	1,286	41	599	92	600	94	589	91
No	350	11	504	114	503	109	479	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	1,031	51	46	54	615	624	605
Second Tenth	514	25	53	47	553	555	534
Second Fifth	287	14	54	45	526	527	502
Final Three Fifths	194	10	65	35	485	492	474
No Response	1,666						

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)	478	14	39	61	624	631	619
A (93–96)	1,123	33	43	57	595	599	582
A- (90–92)	729	21	49	51	565	567	550
B (80–89)	962	28	56	44	517	513	501
C (70–79)	109	3	72	28	502	478	471
D, E, or F (below 70)	2	0	100	0			
No Response	289						
Mean Grade Point Average	All Students: 3.67		Male: 3.59		Female: 3.74		

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	2.0	2.4	2.2	3.82	3.92	3.87
English and Language Arts	4.0	4.0	4.0	3.54	3.74	3.64
Foreign and Classical Languages	2.9	3.1	3.0	3.50	3.69	3.60
Mathematics	4.0	3.9	4.0	3.48	3.52	3.50
Natural Sciences	3.7	3.6	3.7	3.54	3.60	3.57
Social Sciences and History	3.6	3.5	3.6	3.64	3.71	3.68
Total for All Subjects	20.2	20.5	20.5			

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	5	49	51	567	571	561
4 Years	2,576	85	49	51	574	575	559
3 Years	251	8	45	54	521	524	508
2 Years	13	0	54	46	501	522	507
1 Year	6	0	67	33	503	508	448
1/2 Year or Less	2	0	100	0			
No Response	679						
Course Work or Experience							
English/Language Arts	2,811	97	48	52	570	570	557
Journalism	389	13	41	59	571	556	561
Creative Writing	681	23	45	55	563	552	549
American Literature	1,583	54	48	52	581	576	567
Composition/Writing	1,028	35	46	54	574	568	563
British Literature	893	31	49	51	594	583	579
World Literature	892	31	47	53	582	576	567
Communications	313	11	47	53	555	554	545
Public Speaking	661	23	41	59	576	563	562
English As Second Language	77	3	60	40	450	565	457
AP®/Honors Courses	1,832	61	44	56	600	594	586

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	435	14	57	43	584	621	572
4 Years	2,090	69	48	52	574	572	561
3 Years	476	16	43	57	537	514	517
2 Years	15	0	60	40	481	513	475
1 Year	3	0	100	0			
1/2 Year or Less	4	0	50	50			
No Response	669						
Highest Level of Mathematics Achieved*							
Calculus	1,377	45	52	48	607	631	597
Pre-calculus	923	30	45	54	556	547	542
Trigonometry	127	4	52	48	538	512	517
Algebra II	555	18	43	57	511	479	491
Algebra I	38	1	63	37	467	414	422
AP/Honors Courses	1,644	54	49	51	598	611	587

*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	270	9	55	45	590	623	577
4 Years	1,651	55	51	49	582	583	567
3 Years	961	32	42	58	547	537	534
2 Years	98	3	51	48	518	522	503
1 Year	25	1	64	36	504	537	496
1/2 Year or Less	8	0	50	50	505	506	533
No Response	679						
Course Work or Experience							
Biology	2,920	98	48	52	570	570	556
Chemistry	2,849	96	48	52	571	572	558
Physics	1,765	59	52	48	584	592	571
Geology, Earth, or Space Science	1,599	54	49	51	564	564	546
Other Sciences	1,222	41	45	55	566	564	551
AP/Honors Courses	1,503	50	48	52	602	608	588

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	156	5	51	48	580	588	570
4 Years	1,522	51	51	49	581	575	566
3 Years	1,192	40	45	54	558	564	543
2 Years	113	4	43	56	524	539	519
1 Year	16	1	63	38	524	553	496
1/2 Year or Less	8	0	50	50	553	555	526
No Response	685						
Course Work or Experience							
U.S. History	2,882	97	48	52	570	570	556
World History or Cultures	2,616	88	49	51	572	573	558
U.S. Government or Civics	2,002	67	46	54	572	568	556
Economics	814	27	53	47	570	571	552
Geography	1,127	38	52	48	558	559	546
Psychology	936	32	41	59	575	567	560
European History	707	24	51	49	592	579	577
Sociology	294	10	48	52	560	558	538
Ancient History	429	14	49	51	574	567	559
Other Courses	543	18	48	52	569	562	553
AP/Honors Courses	1,732	58	47	53	602	600	587

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
More Than 4 Years	129	4	43	57	593	618	592
4 Years	1,022	34	44	56	612	610	602
3 Years	770	26	51	49	568	569	555
2 Years	954	32	52	48	530	528	510
1 Year	102	3	48	52	513	523	501
1/2 Year or Less	38	1	68	29	496	518	467
No Response	677						
Course Work or Experience							
Chinese	46	2	52	48	519	590	517
French	566	19	37	63	579	570	566
German	205	7	61	39	593	593	571
Greek	16	1	63	38	686	633	636
Hebrew	3	0	67	33			
Italian	9	0	33	67	587	513	538
Japanese	53	2	58	42	534	584	525
Korean	16	1	56	44	480	627	494
Latin	314	11	50	50	604	587	585
Russian	5	0	60	40	654	586	628
Spanish	2,006	67	49	51	564	564	550
Other Languages	30	1	37	63	522	545	505
AP/Honors Courses	1,175	39	44	56	608	608	599

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music 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	183	6	41	59	585	574	564
4 Years	561	19	40	60	580	569	568
3 Years	359	12	36	64	564	557	555
2 Years	613	21	51	49	564	566	550
1 Year	932	31	57	42	572	581	557
1/2 Year or Less	323	11	51	49	549	560	533
No Response	721						
Course Work or Experience							
Acting or Play Production	713	25	36	64	587	564	575
Art History or Appreciation	1,069	38	47	53	576	568	561
Dance	337	12	23	77	575	559	562
Drama: Study or Appreciation	655	23	38	62	574	559	561
Music: Study or Appreciation	789	28	47	53	581	572	562
Music Performance	1,181	42	42	58	583	576	571
Photography or Film	471	17	42	58	575	562	563
Studio Art and Design	628	22	40	60	579	568	564
None	354	13	62	38	536	559	520
AP/Honors Courses	464	16	48	52	591	590	582

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	1,953	69	48	52	572	569	558
Computer Programming	523	19	60	40	579	591	565
Word Processing	1,995	71	48	52	575	571	560
Internet Activity	1,481	52	49	51	574	574	560
Using Computer Graphics	888	31	49	51	569	568	554
Creating Spreadsheets/Databases	1,091	39	49	51	577	577	563
None	382	14	45	55	569	571	555

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
591	1,598	486	653	668	646

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	214	36
3	277	47
4 or More	72	12

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	273	644	100	225	672	82	650	85	665	81
History and Social Studies										
U.S. History	262	633	106	211	658	89	656	87	645	92
World History	39	632	117	31	675	87	668	74	653	79
Mathematics										
Mathematics Level 1	235	616	102	181	622	100	645	83	617	93
Mathematics Level 2	299	687	95	258	670	91	703	68	659	90
Science										
Biology-E	69	645	102	55	669	79	700	68	651	85
Biology-M	85	675	89	70	674	75	700	69	668	73
Chemistry	143	658	102	122	658	105	702	78	650	100
Physics	68	678	86	59	655	93	730	59	643	89
Foreign and Classical Languages										
Chinese/Listening	7	711		6	662		715		677	
French	30	609	109	28	696	65	694	71	704	66
French/Listening	4			4						
German	2			2						
German/Listening	1			1						
Modern Hebrew	1			1						
Italian										
Japanese/Listening	2			2						
Korean/Listening	5	762		4						
Latin	5	674		5	700		676		722	
Spanish	49	587	130	43	659	85	648	81	667	97
Spanish/Listening	19	592		19	686		674		691	

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	37	14	45	17	7	18
700-740	57	21	40	15	5	13
650-690	65	24	52	20	9	23
600-640	41	15	36	14	4	10
550-590	28	10	30	11	5	13
500-540	19	7	25	10	4	10
450-490	9	3	21	8	2	5
400-440	13	5	9	3	1	3
350-390	3	1	3	1	1	3
300-340	1	0	1	0	1	3
250-290						
200-240						
Total	273		262		39	
Mean	644		633		632	
SD	100		106		117	
75th percentile	710		720		710	
50th percentile	660		650		650	
25th percentile	590		550		540	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	11	5	109	36	11	16	26	31	29	20	16	24
700-740	53	23	43	14	16	23	14	16	27	19	14	21
650-690	42	18	46	15	13	19	14	16	27	19	17	25
600-640	42	18	46	15	9	13	16	19	25	17	10	15
550-590	31	13	28	9	10	14	6	7	17	12	4	6
500-540	25	11	18	6	1	1	7	8	8	6	4	6
450-490	12	5	8	3	4	6	1	1	4	3	3	4
400-440	10	4	1	0	5	7			3	2		
350-390	7	3					1	1	3	2		
300-340	2	1										
250-290												
200-240												
Total	235		299		69		85		143		68	
Mean	616		687		645		675		658		678	
SD	102		95		102		89		102		86	
75th percentile	700		780		720		750		730		740	
50th percentile	630		700		650		680		670		690	
25th percentile	550		610		590		630		590		620	

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	3	43	3	10	1	25					1	100
700-740	2	29	5	17								
650-690	1	14	4	13	2	50						
600-640			5	17			1	50				
550-590			3	10								
500-540	1	14	5	17	1	25	1	50				
450-490			3	10								
400-440			2	7					1	100		
350-390												
300-340												
250-290												
200-240												
Total	7		30		4		2		1		1	
Mean	711		609									
SD			109									
75th percentile			690									
50th percentile			630									
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	50	4	80	2	40	6	12	1	5
700-740			1	50			1	20	5	10	3	16
650-690					1	20	1	20	7	14	3	16
600-640									7	14	2	11
550-590									6	12	3	16
500-540									5	10	5	26
450-490									6	12	1	5
400-440							1	20	2	4		
350-390									3	6	1	5
300-340									1	2		
250-290									1	2		
200-240												
Total			2		5		5		49		19	
Mean					762		674		587		592	
SD									130			
75th percentile									660			
50th percentile									590			
25th percentile									490			

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Intended College Major					
Agriculture, Agriculture Operations, and Related Sciences	20	1	540	537	511
Architecture and Related Services	54	2	545	559	531
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	178	7	598	605	585
Business Management, Marketing, and Related Support Services	296	11	533	549	520
Communication, Journalism and Related Programs	122	5	574	553	571
Computer and Information Sciences and Support Services	64	2	575	592	546
Construction Trades	1	0			
Education	107	4	537	521	524
Engineering	274	10	579	624	561
Engineering Technologies/Technicians	20	1	523	556	501
English Language and Literature/Letters	65	2	629	564	609
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	30	1	625	575	617
Health Professions and Related Clinical Services	527	20	562	570	553
History	39	1	595	547	572
Legal Professions and Studies	89	3	579	570	558
Liberal Arts and Sciences, General Studies, and Humanities	28	1	621	585	605
Library Science/Librarianship	2	0			
Mathematics and Statistics	26	1	584	671	575
Mechanic and Repair Technologies/Technician	1	0			
Military Sciences	16	1	551	556	543
Multi/Interdisciplinary Studies	9	0	667	637	628
Natural Resources and Conservation	11	0	615	561	571
Parks, Recreation, Leisure and Fitness Studies	7	0	476	517	493
Personal and Culinary Services	5	0	650	578	612
Philosophy and Religious Studies	15	1	605	591	581
Physical Sciences	55	2	608	622	573
Precision Production					
Psychology	111	4	564	545	556
Public Administration and Social Services Professions	6	0	537	520	545
Security and Protective Services	16	1	485	513	482
Social Sciences	68	3	611	566	592
Theology and Religious Vocations	11	0	575	525	563
Transportation and Materials Moving	3	0			
Visual and Performing Arts	255	10	569	546	557
Other	16	1	488	503	468
Undecided	89	3	578	573	555
Degree-Level Goal					
Certificate Program	18	1	493	517	473
Associate Degree	6	0	518	480	495
Bachelor's Degree	572	18	527	525	512
Master's Degree	995	31	565	566	551
Doctoral or Related Degree	1,020	32	594	597	577
Other	7	0	500	491	453
Undecided	586	18	570	568	560

College Plans

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

Of the 3,797 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 2,966 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 941 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	1,545	52.1
UNIVERSITY OF LOUISVILLE	KY	Public	1,056	35.6
CENTRE COLLEGE	KY	Private	457	15.4
WESTERN KENTUCKY UNIVERSITY	KY	Public	447	15.1
VANDERBILT UNIVERSITY	TN	Private	356	12.0
TRANSYLVANIA UNIVERSITY	KY	Private	294	9.9
EASTERN KENTUCKY UNIVERSITY	KY	Public	249	8.4
BELLARMINE UNIVERSITY	KY	Private	243	8.2
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	222	7.5
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	217	7.3
MIAMI UNIVERSITY OXFORD	OH	Public	207	7.0
NORTHERN KENTUCKY UNIVERSITY	KY	Public	192	6.5
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	192	6.5
DUKE UNIVERSITY	NC	Private	182	6.1
WASHINGTON UNIVERSITY	MO	Private	177	6.0
MURRAY STATE UNIVERSITY	KY	Public	160	5.4
UNIVERSITY OF CINCINNATI	OH	Public	158	5.3
GEORGETOWN COLLEGE	KY	Private	157	5.3
XAVIER UNIVERSITY	OH	Private	155	5.2
UNIVERSITY OF NOTRE DAME	IN	Private	154	5.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	149	5.0
NORTHWESTERN UNIVERSITY	IL	Private	147	5.0
YALE UNIVERSITY	CT	Private	144	4.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	128	4.3
PRINCETON UNIVERSITY	NJ	Private	123	4.1
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	123	4.1
UNIVERSITY OF DAYTON	OH	Private	118	4.0
NCAA ELIGIBILITY CENTER	IA	Public	118	4.0
UNIVERSITY OF CHICAGO	IL	Private	117	3.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	117	3.9
STANFORD UNIVERSITY	CA	Private	116	3.9
MOREHEAD STATE UNIVERSITY	KY	Public	112	3.8
NEW YORK UNIVERSITY	NY	Private	111	3.7
UNIVERSITY OF VIRGINIA	VA	Public	111	3.7
CORNELL UNIVERSITY	NY	Private	101	3.4
WAKE FOREST UNIVERSITY	NC	Private	97	3.3
EMORY UNIVERSITY	GA	Private	95	3.2
BOSTON UNIVERSITY	MA	Private	91	3.1
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	88	3.0
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	85	2.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	83	2.8
ASBURY COLLEGE	KY	Private	81	2.7
GEORGETOWN UNIVERSITY	DC	Private	75	2.5
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	75	2.5
AUBURN UNIVERSITY	AL	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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