



2009 College-Bound Seniors

State Profile Report

KENTUCKY

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2009* includes students who tested through March 2009.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2009 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.
- 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 and in schoolwork.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board Web site at www.collegeboard.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 to 800 point scale.

Standard deviation (SD)

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

The College Board: Inspiring Minds™

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

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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
2009	503	498	501	534	499	515	486	499	493

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 2000–2009, all scores are reported on the recentered scale.

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SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total	3,115	573	105	573	105	561	104	56.3	10.4	7.6	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Male	1,455	575	106	594	106	556	106	56.0	10.6	7.5	1.6
Female	1,660	571	104	555	100	565	101	56.6	10.3	7.7	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Senior (2008-2009)	1,658	573	107	574	105	560	105	56.1	10.6	7.6	1.5
Junior (2007-2008)	1,383	575	103	574	105	564	101	56.8	10.1	7.7	1.5
Sophomore (2006-2007)	64	529	94	549	90	513	102	52.3	10.8	6.9	1.5
Freshman (2005-2006)	10	507		519		469		50.4		5.3	
Total	3,115	573	105	573	105	561	104	56.3	10.4	7.6	1.5

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
Total Group	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2009 cohort took 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 0.3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

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

SAT Data

Table 5: Percentiles for State and Total Group

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

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

Table 6: Score Distributions

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

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	183	194	377	245	118	363	138	169	307
600–690	456	505	961	521	469	990	387	490	877
500–590	492	581	1,073	407	625	1,032	527	598	1,125
400–490	244	307	551	230	348	578	301	319	620
300–390	71	62	133	49	92	141	88	78	166
200–290	9	11	20	3	8	11	14	6	20

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,749	65	45	55	575	581	560
Religiously Affiliated	800	30	49	51	573	565	564
Independent	158	6	52	48	583	577	580
Other or Unknown	408		46	54	559	552	551

Table 8: Test-Taking Conditions

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,065	98	573	105	573	105	561	104
Nonstandard Conditions	50	2	558	98	574	96	561	93

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

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	5	0	500		572		538	
Asian, Asian American, or Pacific Islander	206	7	547	133	636	109	554	132
Black or African American	148	5	488	101	482	105	479	100
Mexican or Mexican American	22	1	536		535		521	
Puerto Rican	12	0	501		508		492	
Other Hispanic, Latino, or Latin American	33	1	519	100	524	104	517	99
White	2,546	82	581	99	575	100	567	98
Other	73	2	568	101	573	120	558	109
No Response	70	2	587	121	564	100	567	111
Total	3,115	100	573	105	573	105	561	104

Table 10: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	1	0						
Asian, Asian American, or Pacific Islander	93	3	543	128	653	108	545	135
Black or African American	59	2	509	104	507	107	493	102
Mexican or Mexican American	13	0	555		567		532	
Puerto Rican	6	0	480		518		468	
Other Hispanic, Latino, or Latin American	15	0	525		539		505	
White	1,196	38	582	101	595	102	560	102
Other	42	1	588	101	604	113	569	115
No Response	30	1	578	140	588	109	555	115
Total	1,455	47	575	106	594	106	556	106

Table 11: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	4	0						
Asian, Asian American, or Pacific Islander	113	4	551	136	622	108	561	130
Black or African American	89	3	474	97	464	99	470	98
Mexican or Mexican American	9	0	510		490		506	
Puerto Rican	6	0	522		498		515	
Other Hispanic, Latino, or Latin American	18	1	514		512		527	
White	1,350	43	581	97	557	94	573	95
Other	31	1	541	95	530	115	543	97
No Response	40	1	593	104	547	89	577	107
Total	1,660	53	571	104	555	100	565	101

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	3,115	100	573	105	573	105	561	104
First Language Learned								
English	2,733	89	578	101	571	102	564	100
English and Another	169	6	559	112	573	122	559	120
Another Language	161	5	513	137	614	120	524	132
No Response	52		548	121	572	114	527	119
Citizenship								
U.S. Citizen / U.S. National	2,915	96	578	101	572	103	564	100
U.S. Permanent Resident or Refugee	51	2	559	123	597	120	569	119
Citizen of Another Country	72	2	457	118	604	127	471	120
Other, Unknown, or No Response	77		515	131	570	117	503	132
Disabling Condition								
Yes	186	6	560	105	558	104	544	102
Unknown or No Response	2,929		574	105	574	105	562	104
Plans to Apply for Financial Aid								
Yes	1,858	66	577	104	573	104	562	103
No	331	12	555	100	561	103	553	98
Don't Know	638	23	572	107	580	107	562	104
Family Income								
\$0 - \$20,000	56	3	536	122	543	122	523	110
\$20,000–\$40,000	161	7	529	103	536	114	512	100
\$40,000–\$60,000	272	13	561	110	547	107	543	108
\$60,000–\$80,000	318	15	566	98	566	101	555	98
\$80,000–\$100,000	386	18	571	104	573	104	557	103
\$100,000–\$120,000	289	13	566	101	571	106	551	102
\$120,000–\$140,000	150	7	576	106	581	103	568	111
\$140,000–\$160,000	98	5	600	86	595	105	583	94
\$160,000–\$200,000	137	6	584	90	580	93	575	85
More than \$200,000	285	13	586	102	587	99	585	97
No Response	963		582	107	583	102	570	104
Highest Level of Parental Education								
No High School Diploma	24	1	500		544		497	
High School Diploma	385	13	529	98	527	104	518	102
Associate Degree	170	6	539	101	538	106	522	98
Bachelor's Degree	1,040	35	562	101	565	102	549	98
Graduate Degree	1,334	45	600	101	597	99	588	99
Took the PSAT/NMSQT®								
Yes, As a Junior	932	33	571	98	571	103	560	96
Yes, As a Sophomore or Younger	594	21	560	101	555	103	543	100
Yes, As a Junior and As a Sophomore or Younger	981	35	608	97	603	97	597	93
No	292	10	512	109	526	111	495	106

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	948	53	45	55	627	634	618
Second Tenth	462	26	49	51	559	565	542
Second Fifth	208	12	51	49	522	522	508
Final Three Fifths	158	9	58	42	493	489	481
No Response	1,339		45	55	557	550	544

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	446	15	43	57	634	643	626
A (93–96)	1,057	35	43	57	602	604	592
A- (90–92)	640	21	44	56	567	565	556
B (80–89)	797	26	55	45	518	515	502
C (70–79)	101	3	54	46	494	474	469
D, E, or F (below 70)	1	0	100	0			
No Response	73		47	53	540	536	517
Mean Grade Point Average	All Students: 3.69		Male: 3.63		Female: 3.74		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.0	2.4	2.2	3.83	3.93	3.89
English and Language Arts	4.0	4.0	4.0	3.59	3.76	3.69
Foreign and Classical Languages	3.0	3.2	3.1	3.51	3.70	3.61
Mathematics	4.0	4.0	4.0	3.54	3.56	3.55
Natural Sciences	3.8	3.7	3.7	3.59	3.64	3.62
Social Sciences and History	3.6	3.6	3.6	3.67	3.74	3.70
Total for All Subjects	20.4	20.9	20.6			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	160	6	47	53	583	593	575	
4 Years	2,377	86	46	54	579	577	565	
3 Years	185	7	44	56	534	521	528	
2 Years	24	1	58	42	520	543	500	
1 Year	5	0	20	80	570	540	542	
1/2 Year or Less	1	0	0	100				
No Response	363		50	50	555	565	548	
Course Work or Experience								
English/Language Arts	2,523	96	46	54	578	577	566	
Journalism	323	12	42	58	574	562	566	
Creative Writing	572	22	43	57	570	550	558	
American Literature	1,544	59	45	55	583	576	572	
Composition/Writing	1,049	40	44	56	572	565	564	
British Literature	843	32	47	53	587	576	575	
World Literature	883	34	44	56	582	574	570	
Communications	250	10	47	53	559	562	557	
Public Speaking	530	20	42	58	569	557	564	
English As Second Language	82	3	50	50	501	605	504	
AP@/Honors Courses	1,740	63	44	56	607	601	595	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	430	16	51	49	598	628	586	
4 Years	1,975	72	46	54	577	573	564	
3 Years	318	12	41	59	538	512	528	
2 Years	25	1	44	56	535	532	512	
1 Year	5	0	40	60	562	574	530	
1/2 Year or Less		0						
No Response	362		51	49	554	565	547	
Highest Level of Mathematics Achieved*								
Calculus	1,402	52	49	51	612	630	601	
Pre-calculus	777	29	43	57	554	542	542	
Trigonometry	106	4	44	56	516	497	503	
Algebra II	389	14	40	60	514	476	495	
Algebra I	22	1	36	64	489	444	478	
AP/Honors Courses	1,584	58	47	53	607	618	597	

*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 Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	265	10	48	52	607	624	592	
4 Years	1,584	58	49	51	580	582	568	
3 Years	773	28	40	60	560	547	548	
2 Years	84	3	46	54	532	542	524	
1 Year	21	1	43	57	498	502	482	
1/2 Year or Less	7	0	57	43	596	611	614	
No Response	381		51	49	557	565	548	
Course Work or Experience								
Biology	2,608	98	46	54	578	577	565	
Chemistry	2,545	96	46	54	579	579	568	
Physics	1,678	63	50	50	591	599	580	
Geology, Earth, or Space Science	1,339	50	46	54	569	568	554	
Other Sciences	1,073	40	41	59	566	562	555	
AP/Honors Courses	1,461	53	48	52	609	614	596	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	171	6	46	54	612	603	598	
4 Years	1,406	51	50	50	583	577	570	
3 Years	1,048	38	42	58	564	570	552	
2 Years	98	4	48	52	538	543	518	
1 Year	12	0	42	58	533	549	510	
1/2 Year or Less	3	0	0	100				
No Response	377		49	51	553	562	546	
Course Work or Experience								
U.S. History	2,576	97	46	54	578	577	566	
World History or Cultures	2,315	87	47	53	581	579	568	
U.S. Government or Civics	1,763	66	44	56	576	574	562	
Economics	693	26	49	51	580	582	567	
Geography	1,050	40	52	48	569	570	558	
Psychology	834	31	36	64	594	582	579	
European History	656	25	51	49	599	581	585	
Sociology	253	10	35	65	551	540	540	
Ancient History	364	14	51	49	574	558	563	
Other Courses	457	17	41	59	580	570	567	
AP/Honors Courses	1,661	61	46	54	609	604	596	

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	135	5	37	63	605	605	610
4 Years	1,004	37	41	59	608	604	601
3 Years	737	27	48	52	578	574	562
2 Years	775	28	52	48	536	537	516
1 Year	74	3	57	43	505	529	486
1/2 Year or Less	24	1	42	58	439	520	454
No Response	366		50	50	554	565	548
Course Work or Experience							
Chinese	52	2	62	38	566	593	562
French	532	20	37	63	595	577	583
German	132	5	62	38	596	601	579
Greek	14	1	36	64	628	541	609
Hebrew	5	0	40	60	482	528	494
Italian	7	0	29	71	581	510	547
Japanese	29	1	45	55	566	593	544
Korean	7	0	57	43	487	621	507
Latin	272	10	44	56	604	586	584
Russian	5	0	40	60	518	528	524
Spanish	1,844	69	47	53	570	572	558
Other Languages	37	1	38	62	536	556	513
AP/Honors Courses	1,124	41	40	60	615	613	608

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	123	5	41	59	602	601	586
4 Years	579	21	38	62	587	571	572
3 Years	383	14	35	65	573	567	563
2 Years	584	22	47	53	568	567	554
1 Year	783	29	55	45	578	585	567
1/2 Year or Less	263	10	56	44	553	568	539
No Response	400		50	50	554	563	546
Course Work or Experience							
Acting or Play Production	628	25	33	67	595	570	582
Art History or Appreciation	942	37	46	54	584	580	573
Dance	282	11	23	77	578	564	572
Drama: Study or Appreciation	590	23	37	63	582	569	571
Music: Study or Appreciation	686	27	46	54	588	582	577
Music Performance	1,050	41	40	60	594	584	579
Photography or Film	443	17	36	64	569	564	563
Studio Art and Design	597	23	37	63	582	570	568
None	331	13	60	40	545	569	535
AP/Honors Courses	471	17	40	60	609	601	599

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,696	67	46	54	577	576	564
Computer Programming	511	20	60	40	581	601	566
Word Processing	1,759	70	45	55	577	575	564
Internet Activity	1,242	49	47	53	577	579	566
Using Computer Graphics	766	30	49	51	573	579	562
Creating Spreadsheets/Databases	928	37	46	54	583	589	572
None	341	14	38	62	582	574	571

SAT Subject Tests™ Data

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

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
599	1,626	507	661	669	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	26	4
2	212	35
3	298	50
4 or More	63	11

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

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

	SAT Subject Test			N	SAT					
	N	Mean	SD		Critical Reading		Mathematics		Writing	
English					Mean	SD	Mean	SD	Mean	SD
Literature	265	651	91	217	680	83	647	80	666	76
History and Social Studies										
U.S. History	272	650	101	221	676	86	661	81	658	79
World History	44	666	104	37	692	98	658	87	683	86
Mathematics										
Mathematics Level 1	259	647	90	223	647	88	658	79	639	86
Mathematics Level 2	298	684	91	260	665	91	703	70	659	86
Science										
Biology-E	69	666	95	62	668	101	690	76	661	90
Biology-M	60	672	72	54	667	68	693	67	677	73
Chemistry	137	654	104	120	657	96	694	86	649	89
Physics	88	674	95	73	655	103	723	66	645	101
Foreign and Classical Languages										
Chinese/Listening	6	770		6	722		733		715	
French	31	598	109	27	705	77	660	65	699	65
French/Listening	12	621		12	661		645		674	
German	2									
German/Listening	1			1						
Modern Hebrew	1			1						
Italian										
Japanese/Listening	4			4						
Korean/Listening	3			3						
Latin	7	560		7	659		590		631	
Spanish	63	634	108	60	687	75	654	89	677	71
Spanish/Listening	4			4						

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	36	14	56	21	13	30
700-740	67	25	46	17	7	16
650-690	54	20	48	18	9	20
600-640	31	12	39	14	2	5
550-590	45	17	40	15	7	16
500-540	15	6	23	8	3	7
450-490	10	4	10	4	1	2
400-440	5	2	7	3	2	5
350-390	2	1	2	1		
300-340			1	0		
250-290						
200-240						
Total	265		272		44	
Mean	651		650		666	
SD	91		101		104	
75th percentile	720		730		760	
50th percentile	670		660		670	
25th percentile	580		580		580	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	23	9	99	33	14	20	10	17	33	24	23	26
700-740	73	28	45	15	16	23	20	33	19	14	18	20
650-690	57	22	46	15	15	22	7	12	27	20	19	22
600-640	42	16	54	18	12	17	13	22	18	13	15	17
550-590	27	10	35	12	5	7	9	15	20	15	6	7
500-540	19	7	12	4	3	4			5	4		
450-490	10	4	6	2	1	1	1	2	9	7	4	5
400-440	5	2	1	0	2	3			5	4	2	2
350-390	1	0							1	1	1	1
300-340	2	1			1	1						
250-290												
200-240												
Total	259		298		69		60		137		88	
Mean	647		684		666		672		654		674	
SD	90		91		95		72		104		95	
75th percentile	710		770		720		720		740		750	
50th percentile	660		690		680		680		670		690	
25th percentile	590		610		620		610		570		630	

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	5	83	3	10	4	33						
700-740			4	13	1	8						
650-690			7	23								
600-640	1	17	1	3								
550-590			3	10	2	17						
500-540			7	23	4	33	1	50	1	100		
450-490			5	16								
400-440												
350-390			1	3	1	8					1	100
300-340							1	50				
250-290												
200-240												
Total	6		31		12		2		1		1	
Mean	770		598		621							
SD			109									
75th percentile			680									
50th percentile			570									
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			3	75	2	67			11	17		
700-740									10	16	1	25
650-690					1	33	2	29	9	14	2	50
600-640			1	25			1	14	16	25		
550-590									3	5		
500-540							3	43	7	11		
450-490									3	5	1	25
400-440							1	14	2	3		
350-390									1	2		
300-340									1	2		
250-290												
200-240												
Total			4		3		7		63		4	
Mean							560		634			
SD									108			
75th percentile									710			
50th percentile									630			
25th percentile									550			

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	23	1	516	516	506
Architecture and Related Services	46	2	564	589	562
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	144	6	592	587	581
Business Management, Marketing, and Related Support Services	228	10	534	565	534
Communication, Journalism and Related Programs	103	4	567	538	565
Computer and Information Sciences and Support Services	60	3	581	606	536
Construction Trades					
Education	93	4	555	532	543
Engineering	259	11	591	639	575
Engineering Technologies/Technicians	17	1	502	575	478
English Language and Literature/Letters	69	3	651	583	636
Family and Consumer Sciences/Human Sciences	5	0	558	488	518
Foreign Languages, Literatures, and Linguistics	38	2	624	597	609
Health Professions and Related Clinical Services	479	20	559	567	554
History	31	1	644	579	609
Legal Professions and Studies	79	3	579	557	569
Liberal Arts and Sciences, General Studies, and Humanities	38	2	610	563	583
Library Science/Librarianship	1	0			
Mathematics and Statistics	26	1	572	646	558
Mechanic and Repair Technologies/Technician					
Military Sciences	3	0			
Multi/Interdisciplinary Studies	8	0	605	569	593
Natural Resources and Conservation	6	0	595	560	563
Parks, Recreation, Leisure and Fitness Studies	12	1	532	556	529
Personal and Culinary Services	1	0			
Philosophy and Religious Studies	14	1	676	636	634
Physical Sciences	48	2	615	614	596
Precision Production					
Psychology	89	4	574	539	553
Public Administration and Social Services Professions	8	0	553	503	539
Security and Protective Services	15	1	508	501	477
Social Sciences	67	3	639	609	616
Theology and Religious Vocations	8	0	531	501	491
Transportation and Materials Moving	3	0			
Visual and Performing Arts	210	9	577	541	562
Other	17	1	545	531	535
Undecided	100	4	607	592	595
Degree-Level Goal					
Certificate Program	12	0	498	497	503
Associate Degree	4	0			
Bachelor's Degree	494	17	526	525	516
Master's Degree	925	33	571	571	559
Doctoral or Related Degree	888	31	599	601	587
Other	16	1	541	548	542
Undecided	492	17	584	579	569

College Plans

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

Of the 3,207 students from your state who took the SAT and/or an SAT Subject Test, 2,495 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 817 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	1,199	48.1
UNIVERSITY OF LOUISVILLE	KY	Public	766	30.7
CENTRE COLLEGE	KY	Private	367	14.7
VANDERBILT UNIVERSITY	TN	Private	322	12.9
WESTERN KENTUCKY UNIVERSITY	KY	Public	318	12.7
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	232	9.3
TRANSYLVANIA UNIVERSITY	KY	Private	231	9.3
BELLARMINE UNIVERSITY	KY	Private	223	8.9
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	198	7.9
WASHINGTON UNIVERSITY	MO	Private	189	7.6
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	172	6.9
EASTERN KENTUCKY UNIVERSITY	KY	Public	168	6.7
MIAMI UNIVERSITY	OH	Public	163	6.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	156	6.3
NORTHERN KENTUCKY UNIVERSITY	KY	Public	148	5.9
UNIVERSITY OF CINCINNATI	OH	Public	148	5.9
NORTHWESTERN UNIVERSITY	IL	Private	142	5.7
MURRAY STATE UNIVERSITY	KY	Public	133	5.3
YALE UNIVERSITY	CT	Private	132	5.3
DUKE UNIVERSITY	NC	Private	129	5.2
GEORGETOWN COLLEGE	KY	Private	126	5.1
PRINCETON UNIVERSITY	NJ	Private	126	5.1
UNIVERSITY OF DAYTON	OH	Private	120	4.8
NEW YORK UNIVERSITY	NY	Private	118	4.7
XAVIER UNIVERSITY	OH	Private	117	4.7
NCAA ELIGIBILITY CENTER	IN	Public	116	4.6
STANFORD UNIVERSITY	CA	Private	112	4.5
UNIVERSITY OF VIRGINIA	VA	Public	108	4.3
UNIVERSITY OF CHICAGO	IL	Private	106	4.2
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	102	4.1
CORNELL UNIVERSITY	NY	Private	101	4.0
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	100	4.0
UNIVERSITY OF NOTRE DAME	IN	Private	100	4.0
EMORY UNIVERSITY	GA	Private	90	3.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	85	3.4
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	83	3.3
GEORGETOWN UNIVERSITY	DC	Private	81	3.2
BROWN UNIVERSITY	RI	Private	80	3.2
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	78	3.1
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	76	3.0
BOSTON UNIVERSITY	MA	Private	70	2.8
MOREHEAD STATE UNIVERSITY	KY	Public	70	2.8
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	69	2.8
BUTLER UNIVERSITY	IN	Private	68	2.7
HANOVER COLLEGE	IN	Private	65	2.6

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

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