



2011 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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered accurate. Therefore, you can use this report to:

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

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent.
- These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

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

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

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

Standard deviation (SD)

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

The College Board: Inspiring Minds™

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

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2011

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	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	2,692	576	109	572	109	563	107	56.8	11.0	7.7	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,276	581	111	594	110	559	111	56.8	11.3	7.5	1.6
Female	1,416	571	106	551	103	566	103	56.8	10.6	7.8	1.3

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	1,433	573	116	566	113	558	112	56.3	11.5	7.7	1.5
Junior (2009-2010)	1,192	580	100	579	104	569	101	57.5	10.3	7.7	1.4
Sophomore (2008-2009)	60	563	87	560	97	538	84	55.3	8.4	7.0	1.5
Freshman (2007-2008)	7	569		593		547		55.0		7.6	
Total	2,692	576	109	572	109	563	107	56.8	11.0	7.7	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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

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	650	650	640	570	600	560
50th	580	570	570	490	510	480
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.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	184	183	367	233	112	345	143	149	292
600–690	415	417	832	446	388	834	351	423	774
500–590	401	483	884	365	489	854	426	489	915
400–490	210	264	474	175	329	504	253	285	538
300–390	53	58	111	47	89	136	92	64	156
200–290	13	11	24	10	9	19	11	6	17

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,567	62	48	52	578	580	563
Religiously Affiliated	739	29	48	52	575	568	565
Independent	216	9	48	52	591	579	587
Other or Unknown	170		42	58	544	505	519

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	121	4	539	115	530	120	525	109
Nonstandard Conditions	40	1	561	105	557	105	549	97

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	8	0	533		531		503	
Asian, Asian American, or Pacific Islander	215	8	569	135	646	106	576	129
Black or African American	155	6	492	118	483	111	486	111
Mexican or Mexican American	19	1	545		558		547	
Puerto Rican	8	0	608		543		593	
Other Hispanic, Latino, or Latin American	44	2	576	95	562	111	554	88
White	2,122	79	584	100	573	103	568	101
Other	82	3	590	130	567	118	565	115
No Response	39	1	517	130	508	108	495	121
Total	2,692	100	576	109	572	109	563	107

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	3	0						
Asian, Asian American, or Pacific Islander	121	4	579	129	655	107	575	126
Black or African American	75	3	481	123	481	120	462	121
Mexican or Mexican American	9	0	582		617		599	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	22	1	600		616		570	
White	982	36	591	101	597	103	566	104
Other	36	1	568	142	573	120	538	124
No Response	24	1	526		529		509	
Total	1,276	47	581	111	594	110	559	111

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	5	0	586		552		538	
Asian, Asian American, or Pacific Islander	94	3	557	142	635	105	577	132
Black or African American	80	3	502	113	484	101	508	94
Mexican or Mexican American	10	0	511		505		500	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	22	1	553		508		538	
White	1,140	42	578	100	551	98	570	99
Other	46	2	606	118	563	117	587	103
No Response	15	1	502		474		472	
Total	1,416	53	571	106	551	103	566	103

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	2,692	100	576	109	572	109	563	107
First Language Learned								
English	2,326	88	580	104	568	106	564	104
English and Another	183	7	570	120	582	122	563	120
Another Language	148	6	528	138	624	121	547	135
No Response	35		529	122	539	113	516	105
Citizenship								
U.S. Citizen / U.S. National	2,499	95	581	105	570	107	566	105
U.S. Permanent Resident or Refugee	58	2	575	116	608	136	582	112
Citizen of Another Country	65	2	459	129	616	113	486	135
Other, Unknown, or No Response	70		515	118	545	119	505	105
Plans to Apply for Financial Aid								
Yes	1,683	72	580	110	569	111	563	107
No	215	9	572	100	571	96	561	99
Don't Know	441	19	566	109	577	108	561	109
No Response	353		573	105	575	106	563	107
Family Income								
\$0 - \$20,000	71	4	514	120	506	124	506	115
\$20,000–\$40,000	132	8	532	120	531	121	513	114
\$40,000–\$60,000	212	13	558	114	545	115	548	107
\$60,000–\$80,000	214	13	569	105	556	109	557	108
\$80,000–\$100,000	233	14	586	106	576	108	566	107
\$100,000–\$120,000	222	14	586	106	577	105	562	100
\$120,000–\$140,000	129	8	589	97	581	96	566	100
\$140,000–\$160,000	91	6	565	107	578	109	556	108
\$160,000–\$200,000	110	7	580	95	591	108	570	98
More than \$200,000	208	13	607	102	600	99	599	96
No Response	1,070		579	107	578	105	568	107
Highest Level of Parental Education								
No High School Diploma	17	1	434		506		445	
High School Diploma	323	12	518	107	511	101	504	101
Associate Degree	158	6	524	103	517	105	510	102
Bachelor's Degree	932	36	569	103	568	104	554	101
Graduate Degree	1,187	45	609	101	602	103	597	100
No Response	75		530	110	519	98	512	112
Took the PSAT/NMSQT®								
Yes, As a Junior	777	31	587	99	581	104	574	99
Yes, As a Sophomore or Younger	494	20	561	99	554	101	546	98
Yes, As a Junior and As a Sophomore or Younger	832	33	615	103	607	101	602	101
No	387	16	505	110	508	108	488	103
No Response	202		546	103	553	111	540	101

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	828	58	47	53	627	631	617
Second Tenth	336	24	51	49	560	554	545
Second Fifth	150	11	53	47	517	524	508
Final Three Fifths	106	7	56	44	475	469	464
No Response	1,272		46	54	562	551	546

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)	430	17	40	60	636	640	635
A (93–96)	958	37	44	56	605	604	591
A- (90–92)	527	20	46	54	562	554	552
B (80–89)	620	24	55	45	522	507	500
C (70–79)	61	2	61	39	440	423	419
D, E, or F (below 70)	2	0	50	50			
No Response	94		57	43	533	545	511
Mean Grade Point Average	All Students: 3.73		Male: 3.68		Female: 3.79		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.1	2.6	2.3	3.85	3.93	3.89
English and Language Arts	4.0	4.0	4.0	3.63	3.81	3.73
Foreign and Classical Languages	3.0	3.1	3.1	3.56	3.74	3.65
Mathematics	4.1	4.0	4.1	3.57	3.59	3.58
Natural Sciences	3.8	3.7	3.7	3.63	3.67	3.65
Social Sciences and History	3.6	3.6	3.6	3.68	3.74	3.71
Total for All Subjects	20.6	21.0	20.8			

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	247	11	48	52	584	586	579
4 Years	1,785	79	46	54	582	576	568
3 Years	165	7	54	46	544	543	530
2 Years	37	2	43	57	544	520	520
1 Year	8	0	13	88	500	498	510
1/2 Year or Less	8	0	25	75	490	464	456
No Response	442		50	50	563	565	551
AP®/Honors Courses	1,493	66	44	56	608	598	596
Course Work or Experience							
English/Language Arts	2,070	98	47	53	580	573	566
Journalism	229	11	33	67	562	546	552
Creative Writing	538	25	39	61	570	545	557
American Literature	1,316	62	44	56	586	574	571
Composition/Writing	1,153	54	44	56	578	567	566
British Literature	654	31	44	56	600	579	588
World Literature	740	35	43	57	589	569	575
Communications	231	11	46	54	558	555	554
Public Speaking	462	22	39	61	571	556	566
English As Second Language	90	4	48	52	483	575	499

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	516	23	50	50	592	615	580
4 Years	1,416	63	46	54	581	571	568
3 Years	279	12	47	53	545	513	528
2 Years	30	1	43	57	538	507	520
1 Year	3	0	33	67			
1/2 Year or Less	8	0	25	75	460	430	423
No Response	440		49	51	564	566	552
AP/Honors Courses	1,343	60	49	51	609	617	598
Highest Level of Mathematics Achieved*							
Calculus	1,026	47	52	48	619	635	607
Pre-calculus	665	30	42	58	562	550	550
Trigonometry	110	5	52	48	543	498	516
Algebra II	375	17	39	61	517	477	496
Algebra I	15	1	53	47	489	405	435

*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	321	14	54	46	600	620	590	
4 Years	1,191	53	47	53	591	583	574	
3 Years	592	26	43	57	554	540	544	
2 Years	84	4	54	46	540	528	521	
1 Year	34	2	44	56	523	518	510	
1/2 Year or Less	18	1	33	67	508	479	493	
No Response	452		50	50	563	566	551	
AP/Honors Courses	1,209	54	48	52	612	613	599	
Course Work or Experience								
Biology	2,087	98	46	54	580	574	566	
Chemistry	2,066	97	46	54	581	576	568	
Physics	1,320	62	51	49	596	598	583	
Geology, Earth, or Space Science	1,159	54	46	54	571	565	555	
Other Sciences	783	37	41	59	573	566	558	

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	234	10	52	48	584	580	576	
4 Years	1,108	49	46	54	592	578	578	
3 Years	775	35	47	53	566	571	552	
2 Years	90	4	53	47	539	540	520	
1 Year	22	1	27	73	483	487	486	
1/2 Year or Less	14	1	43	57	486	478	463	
No Response	449		49	51	563	566	551	
AP/Honors Courses	1,419	63	47	53	611	603	598	
Course Work or Experience								
U.S. History	2,039	96	47	53	579	573	566	
World History or Cultures	1,812	85	47	53	579	575	566	
U.S. Government or Civics	1,332	63	45	55	579	569	562	
Economics	634	30	51	49	582	581	565	
Geography	941	44	48	52	572	567	556	
Psychology	742	35	41	59	587	579	576	
European History	637	30	46	54	598	582	585	
Sociology	225	11	35	65	552	539	543	
Ancient History	356	17	48	52	588	563	569	
Other Courses	309	15	45	55	573	564	556	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	175	8	43	57	608	610	610
4 Years	709	32	40	60	616	608	609
3 Years	546	24	52	48	584	579	568
2 Years	696	31	51	49	541	534	520
1 Year	78	3	47	53	514	517	492
1/2 Year or Less	33	1	52	48	473	474	442
No Response	455		49	51	563	565	552
AP/Honors Courses	884	40	43	57	621	615	615
Course Work or Experience							
Chinese	71	3	51	49	551	603	546
French	394	18	33	67	586	575	574
German	106	5	48	52	591	582	570
Greek	12	1	25	75	643	586	583
Hebrew	5	0	20	80	572	550	574
Italian	9	0	11	89	498	493	503
Japanese	32	1	41	59	522	568	512
Korean	6	0	50	50	397	602	448
Latin	205	10	51	49	613	587	593
Russian	6	0	83	17	535	568	548
Spanish	1,504	70	48	52	575	570	561
Other Languages	28	1	46	54	525	549	522

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

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	174	8	42	58	586	581	579
4 Years	455	21	33	67	589	572	578
3 Years	279	13	42	58	577	566	565
2 Years	473	21	48	52	576	567	561
1 Year	593	27	57	43	578	584	562
1/2 Year or Less	232	11	58	42	555	559	538
No Response	486		49	51	567	566	554
AP/Honors Courses	372	17	43	57	603	595	598
Course Work or Experience							
Acting or Play Production	483	23	35	65	608	575	596
Art History or Appreciation	732	35	46	54	581	570	565
Dance	222	11	18	82	575	565	570
Drama: Study or Appreciation	391	19	36	64	587	561	571
Music: Study or Appreciation	489	23	47	53	588	573	574
Music Performance	931	45	40	60	594	584	583
Photography or Film	399	19	38	62	583	557	568
Studio Art and Design	492	24	35	65	582	561	567
None	274	13	61	39	541	561	525

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,348	66	47	53	581	575	565
Computer Programming	443	22	62	38	591	612	579
Word Processing	1,284	63	45	55	584	575	569
Internet Activity	951	46	46	54	585	577	570
Using Computer Graphics	608	30	48	52	577	575	561
Creating Spreadsheets/Databases	840	41	48	52	586	582	573
None	340	17	41	59	568	561	556

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

SAT Subject Tests™ Data

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

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
622	1,601	497	662	673	654

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	45	7
2	267	43
3	251	40
4 or More	59	9

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
English											
Literature	250	656	90	200	681	84	654	83	664	84	
History and Social Studies											
U.S. History	290	664	92	239	669	89	654	84	656	91	
World History	35	680	103	29	689	96	684	93	676	92	
Mathematics											
Mathematics Level 1	211	662	83	161	648	97	665	77	637	97	
Mathematics Level 2	326	705	80	284	672	89	711	63	670	86	
Science											
Biology-E	75	669	93	60	683	86	697	78	669	92	
Biology-M	96	668	85	73	671	89	685	85	670	85	
Chemistry	157	670	92	136	661	94	708	67	658	90	
Physics	82	682	93	70	664	108	718	72	652	96	
Foreign and Classical Languages											
Chinese/Listening	2			1							
French	12	546		10	636		644		649		
French/Listening	2			1							
German											
German/Listening	1										
Modern Hebrew											
Italian											
Japanese/Listening	6	703		6	425		643		510		
Korean/Listening	1										
Latin	6	565		6	602		592		578		
Spanish	45	641	98	38	693	93	661	81	693	81	
Spanish/Listening	4			2							

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	39	16	66	23	15	43
700-740	65	26	62	21	3	9
650-690	49	20	49	17	7	20
600-640	30	12	54	19	2	6
550-590	30	12	23	8	3	9
500-540	26	10	19	7	2	6
450-490	7	3	10	3	3	9
400-440	2	1	6	2		
350-390	2	1	1	0		
300-340						
250-290						
200-240						
Total	250		290		35	
Mean	656		664		680	
SD	90		92		103	
75th percentile	730		740		760	
50th percentile	670		680		690	
25th percentile	580		610		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	31	15	130	40	15	20	19	20	39	25	25	30
700-740	56	27	58	18	19	25	21	22	32	20	13	16
650-690	48	23	54	17	18	24	24	25	31	20	17	21
600-640	33	16	49	15	12	16	14	15	22	14	14	17
550-590	22	10	26	8	2	3	12	13	13	8	5	6
500-540	14	7	6	2	3	4	3	3	13	8	4	5
450-490	4	2	3	1	3	4			5	3	4	5
400-440	1	0			2	3	1	1	2	1		
350-390	2	1			1	1	2	2				
300-340												
250-290												
200-240												
Total	211		326		75		96		157		82	
Mean	662		705		669		668		670		682	
SD	83		80		93		85		92		93	
75th percentile	720		780		730		730		740		760	
50th percentile	680		720		670		680		680		680	
25th percentile	610		640		630		620		620		610	

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	1	50	1	8	1	50						
700-740	1	50							1	100		
650-690												
600-640			2	17								
550-590			3	25								
500-540			1	8	1	50						
450-490			4	33								
400-440			1	8								
350-390												
300-340												
250-290												
200-240												
Total	2		12		2				1			
Mean			546									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			2	33	1	100	1	17	8	18		
700-740			2	33					8	18	2	50
650-690			1	17			1	17	7	16	1	25
600-640							1	17	4	9		
550-590			1	17					10	22		
500-540									5	11		
450-490							1	17	2	4	1	25
400-440							2	33	1	2		
350-390												
300-340												
250-290												
200-240												
Total			6		1		6		45		4	
Mean			703				565		641			
SD									98			
75th percentile									710			
50th percentile									630			
25th percentile									570			

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	15	1	507	501	494
Architecture and Related Services	43	2	568	595	551
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	202	8	595	592	580
Business Management, Marketing, and Related Support Services	163	7	540	569	540
Communication, Journalism and Related Programs	78	3	578	555	576
Computer and Information Sciences and Support Services	62	3	625	640	593
Construction Trades	1	0			
Education	89	4	552	533	555
Engineering	298	12	597	629	579
Engineering Technologies/Technicians	22	1	560	582	534
English Language and Literature/Letters	52	2	636	547	629
Family and Consumer Sciences/Human Sciences	8	0	523	463	516
Foreign Languages, Literatures, and Linguistics	34	1	632	603	616
Health Professions and Related Clinical Services	462	19	565	563	554
History	42	2	594	545	561
Legal Professions and Studies	74	3	595	573	584
Liberal Arts and Sciences, General Studies, and Humanities	32	1	643	579	624
Library Science And Administration					
Mathematics and Statistics	34	1	611	675	607
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	4	0			
Multi/Interdisciplinary Studies	11	0	618	626	649
Natural Resources and Conservation	17	1	574	531	547
Parks, Recreation, Leisure and Fitness Studies	8	0	525	525	519
Personal and Culinary Services	10	0	562	481	494
Philosophy and Religious Studies	8	0	623	598	578
Physical Sciences	49	2	587	602	549
Precision Production					
Psychology	109	5	581	548	560
Public Administration and Social Services Professions	6	0	508	487	513
Security and Protective Services	17	1	532	512	521
Social Sciences	53	2	629	605	608
Theology and Religious Vocations	7	0	586	559	580
Transportation and Materials Moving	1	0			
Visual and Performing Arts	180	7	585	538	569
Other	20	1	507	488	501
Undecided	198	8	600	599	588
Degree-Level Goal					
Certificate Program	16	1	494	550	486
Associate Degree	4	0			
Bachelor's Degree	518	22	538	530	522
Master's Degree	720	30	579	574	562
Doctoral or Related Degree	822	34	603	600	592
Other	8	0	540	506	515
Undecided	298	12	580	568	569

College Plans

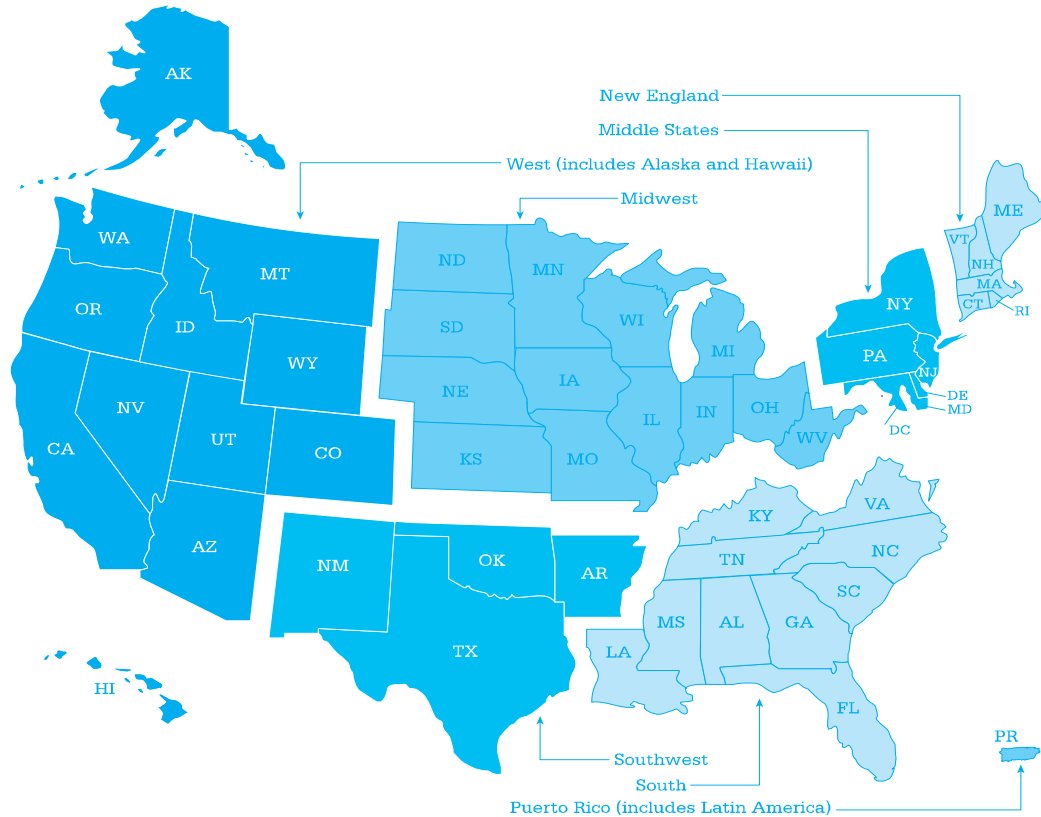
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 2,817 students from your state who took the SAT and/or an SAT Subject Test, 1,904 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 780 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	770	40.4
UNIVERSITY OF LOUISVILLE	KY	Public	459	24.1
DUKE UNIVERSITY TIP	NC	Scholarship	348	18.3
CENTRE COLLEGE	KY	Private	243	12.8
VANDERBILT UNIVERSITY	TN	Private	237	12.4
WESTERN KENTUCKY UNIVERSITY	KY	Public	220	11.6
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	215	11.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	160	8.4
BELLARMINE UNIVERSITY	KY	Private	150	7.9
WASHINGTON UNIVERSITY	MO	Private	144	7.6
PRINCETON UNIVERSITY	NJ	Private	141	7.4
NORTHWESTERN UNIVERSITY	IL	Private	131	6.9
YALE UNIVERSITY	CT	Private	129	6.8
TRANSYLVANIA UNIVERSITY	KY	Private	125	6.6
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	123	6.5
DUKE UNIVERSITY	NC	Private	113	5.9
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	109	5.7
EASTERN KENTUCKY UNIVERSITY	KY	Public	109	5.7
STANFORD UNIVERSITY	CA	Private	108	5.7
UNIVERSITY OF CHICAGO	IL	Private	107	5.6
UNIVERSITY OF CINCINNATI	OH	Public	106	5.6
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	104	5.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	96	5.0
BROWN UNIVERSITY	RI	Private	96	5.0
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	91	4.8
NORTHERN KENTUCKY UNIVERSITY	KY	Public	88	4.6
XAVIER UNIVERSITY	OH	Private	87	4.6
CORNELL UNIVERSITY	NY	Private	86	4.5
MIAMI UNIVERSITY	OH	Public	84	4.4
MURRAY STATE UNIVERSITY	KY	Public	74	3.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	73	3.8
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	71	3.7
UNIVERSITY OF NOTRE DAME	IN	Private	71	3.7
UNIVERSITY OF VIRGINIA	VA	Public	71	3.7
GEORGETOWN COLLEGE	KY	Private	69	3.6
DARTMOUTH COLLEGE	NH	Private	64	3.4
CASE WESTERN RESERVE UNIVERSITY	OH	Private	64	3.4
NEW YORK UNIVERSITY	NY	Private	64	3.4
NCAA ELIGIBILITY CENTER	IN	Public	63	3.3
CARNEGIE MELLON UNIVERSITY	PA	Private	61	3.2
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	60	3.2
UNIVERSITY OF DAYTON	OH	Private	59	3.1
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	58	3.0
GEORGETOWN UNIVERSITY	DC	Private	56	2.9
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	54	2.8

*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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