



2013 College-Bound Seniors

# State Profile Report



KENTUCKY

## Included in This Report

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**SAT<sup>®</sup> Data**

**SAT Subject Tests<sup>™</sup> Data**

**Demographic and Academic Information**

**College Plans**

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**DATA EMBARGO IN EFFECT** *This report contains information on college-bound students in the class of 2013 who took the SAT<sup>®</sup> or SAT Subject Tests<sup>™</sup> at any time during high school. **Data and other information in this report are embargoed from dissemination to the media and general public until the College Board's press conference in mid-September.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College-Board national press conference, please contact the College Board communications department at [communications@collegeboard.org](mailto:communications@collegeboard.org).*

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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 2013 includes students who tested through June 2013.

## Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 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 website at [www.collegeboard.org](http://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.

## About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit [www.collegeboard.org](http://www.collegeboard.org).

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2013

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488

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 2000–2013, 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 [www.collegeboard.org/cbs](http://www.collegeboard.org/cbs).

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## SAT® Data

Data in this report are for high school graduates in the year 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	2,158	585	107	584	108	572	107	57.7	11.0	7.6	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	1,045	593	106	608	107	573	109	58.2	11.1	7.4	1.5
Female	1,113	576	107	560	104	570	106	57.3	10.9	7.7	1.5

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 (2012-2013)	1,144	583	113	580	112	567	114	57.2	11.6	7.5	1.6
Junior (2011-2012)	969	588	100	588	104	579	98	58.5	10.2	7.7	1.4
Sophomore (2010-2011)	40	566	96	569	96	527	99	53.7	10.0	7.2	1.3
Freshman (2009-2010)	5	496		572		506		51.8		7.0	
Total	2,158	585	107	584	108	572	107	57.7	11.0	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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	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 2013 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.

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	660	660	650	570	600	560
50th	590	580	570	490	510	480
25th	510	510	500	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](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	188	161	349	227	120	347	147	135	282
600-690	336	316	652	379	277	656	299	323	622
500-590	334	377	711	291	436	727	353	383	736
400-490	152	200	352	108	221	329	191	218	409
300-390	28	54	82	36	48	84	45	48	93
200-290	7	5	12	4	11	15	10	6	16

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,249	62	47	53	587	591	571
Religiously Affiliated	566	28	52	48	584	583	578
Independent	185	9	49	51	583	587	578
Other or Unknown	158		50	50	567	526	547

### 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	101	5	550	107	544	123	531	108
Nonstandard Conditions	40	2	577	115	567	113	583	112

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	6	0	547		528		525	
Asian, Asian American, or Pacific Islander	190	9	561	137	644	108	568	128
Black or African American	122	6	496	116	487	115	475	107
Mexican or Mexican American	9	0	487		523		492	
Puerto Rican	9	0	603		534		584	
Other Hispanic, Latino, or Latin American	27	1	576	98	558	103	546	92
White	1,707	79	595	99	585	102	580	101
Other	56	3	574	113	580	123	578	119
No Response	32	1	574	111	562	97	544	99
Total	2,158	100	585	107	584	108	572	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	4	0						
Asian, Asian American, or Pacific Islander	86	4	570	128	666	105	569	125
Black or African American	44	2	502	122	517	114	468	111
Mexican or Mexican American	4	0						
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	10	0	601		623		573	
White	847	39	602	100	609	102	580	104
Other	31	1	601	100	612	118	591	122
No Response	15	1	554		579		527	
Total	1,045	48	593	106	608	107	573	109

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	2	0						
Asian, Asian American, or Pacific Islander	104	5	554	144	626	107	567	130
Black or African American	78	4	493	112	469	112	479	105
Mexican or Mexican American	5	0	518		552		534	
Puerto Rican	5	0	562		486		558	
Other Hispanic, Latino, or Latin American	17	1	562		519		530	
White	860	40	588	97	563	97	580	98
Other	25	1	540	118	540	117	561	111
No Response	17	1	592		547		560	
Total	1,113	52	576	107	560	104	570	106

## 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	2,158	100	585	107	584	108	572	107
<b>First Language Learned</b>								
English	1,831	88	591	102	581	105	576	104
English and Another	146	7	559	125	588	123	550	122
Another Language	111	5	517	139	614	131	535	131
No Response	70		585	107	582	108	571	110
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,976	95	590	103	583	106	576	105
U.S. Permanent Resident or Refugee	45	2	556	124	600	136	559	108
Citizen of Another Country	54	3	458	130	598	129	476	134
Other, Unknown, or No Response	83		547	124	582	115	539	114
<b>Plans to Apply for Financial Aid</b>								
Yes	1,348	73	584	107	576	111	569	108
No	157	9	593	101	606	107	588	100
Don't Know	333	18	582	115	593	105	569	112
No Response	320		586	102	596	95	575	101
<b>Family Income</b>								
\$0 - \$20,000	54	5	513	135	528	152	515	130
\$20,000–\$40,000	105	10	522	116	520	122	501	112
\$40,000–\$60,000	130	12	558	96	556	100	547	99
\$60,000–\$80,000	150	14	580	117	561	105	558	116
\$80,000–\$100,000	162	15	579	109	586	108	570	105
\$100,000–\$120,000	144	13	589	103	585	100	573	98
\$120,000–\$140,000	69	6	580	98	588	108	569	109
\$140,000–\$160,000	47	4	581	89	579	98	570	92
\$160,000–\$200,000	71	6	603	87	582	96	583	85
More than \$200,000	165	15	601	96	612	98	594	100
No Response	1,061		595	105	594	105	582	105
<b>Highest Level of Parental Education</b>								
No High School Diploma	13	1	481		531		482	
High School Diploma	232	11	527	112	539	111	519	113
Associate Degree	121	6	532	104	526	108	516	104
Bachelor's Degree	709	35	579	99	576	100	566	99
Graduate Degree	976	48	617	99	613	104	603	100
No Response	107		521	110	530	99	509	110
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	621	32	590	104	585	106	580	98
Yes, As a Sophomore or Younger	340	18	571	97	567	99	555	101
Yes, As a Junior and As a Sophomore or Younger	644	33	624	98	621	102	613	99
No	333	17	513	105	522	107	491	103
No Response	220		582	101	588	101	573	99

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	656	60	51	49	636	638	623
Second Tenth	256	23	47	53	558	566	543
Second Fifth	109	10	50	50	536	531	528
Final Three Fifths	69	6	48	52	476	472	459
No Response	1,068		47	53	571	567	559

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)	414	20	47	53	642	648	636
A (93–96)	783	38	47	53	610	609	598
A- (90–92)	399	19	46	54	559	558	549
B (80–89)	426	21	53	47	522	516	503
C (70–79)	39	2	74	26	461	463	427
D, E, or F (below 70)	2	0	50	50			
No Response	95		47	53	565	557	539
<b>Mean Grade Point Average</b>	<b>All Students: 3.79</b>		<b>Male: 3.76</b>		<b>Female: 3.82</b>		

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	2.5	2.3	3.87	3.95	3.91
English and Language Arts	4.0	4.0	4.0	3.70	3.82	3.77
Foreign and Classical Languages	3.0	3.2	3.1	3.64	3.77	3.70
Mathematics	4.1	4.1	4.1	3.66	3.64	3.65
Natural Sciences	3.8	3.7	3.7	3.68	3.69	3.69
Social Sciences and History	3.6	3.6	3.6	3.72	3.75	3.74
<b>Total for All Subjects</b>	<b>20.6</b>	<b>21.1</b>	<b>20.8</b>			

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

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	239	13	46	54	596	592	582	
4 Years	1,404	78	47	53	587	585	574	
3 Years	103	6	50	50	547	539	530	
2 Years	26	1	42	58	587	581	582	
1 Year	10	1	60	40	433	477	422	
1/2 Year or Less	13	1	54	46	512	523	459	
No Response	363		55	45	585	591	575	
AP®/Honors Courses	1,269	71	45	55	612	606	599	
<b>Course Work or Experience</b>								
English/Language Arts	1,668	98	47	53	587	583	573	
Journalism	185	11	38	62	593	582	584	
Creative Writing	382	23	44	56	582	567	570	
American Literature	1,022	60	44	56	593	586	580	
Composition/Writing	863	51	43	57	584	579	571	
British Literature	476	28	43	57	605	588	590	
World Literature	592	35	45	55	594	582	579	
Communications	189	11	51	49	570	558	556	
Public Speaking	414	24	45	55	575	566	563	
English As Second Language	61	4	34	66	461	555	484	

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	425	24	53	47	611	622	596	
4 Years	1,206	67	45	55	582	575	569	
3 Years	118	7	46	54	541	535	528	
2 Years	22	1	45	55	549	538	545	
1 Year	9	1	56	44	462	490	452	
1/2 Year or Less	15	1	53	47	487	479	443	
No Response	363		55	45	585	591	575	
AP/Honors Courses	1,136	63	48	52	617	624	604	
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	1,007	58	50	50	623	636	609	
Pre-calculus	426	24	43	57	547	532	538	
Geometry	293	17	41	59	512	473	494	
Algebra II	10	1	50	50	533	500	524	
Algebra I	1	0	100	0				

\*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

<b>Natural Sciences</b>		<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	291	16	52	48	619	629	604	
4 Years	927	52	48	52	599	595	584	
3 Years	450	25	42	58	547	538	541	
2 Years	64	4	47	53	550	558	533	
1 Year	27	2	63	37	519	539	512	
1/2 Year or Less	23	1	52	48	489	499	448	
No Response	376		54	46	582	587	572	
AP/Honors Courses	1,018	57	47	53	619	621	605	
<b>Course Work or Experience</b>								
Biology	1,677	98	47	53	586	583	573	
Chemistry	1,620	95	46	54	588	586	575	
Physics	1,157	68	52	48	604	607	588	
Geology, Earth, or Space Science	851	50	48	52	575	574	561	
Other Sciences	703	41	42	58	580	576	566	

<b>Social Sciences and History</b>		<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	186	10	45	55	608	601	593	
4 Years	889	50	50	50	595	587	582	
3 Years	618	35	43	57	574	576	559	
2 Years	59	3	41	59	536	567	540	
1 Year	18	1	72	28	458	474	463	
1/2 Year or Less	15	1	60	40	493	502	441	
No Response	373		55	45	583	589	573	
AP/Honors Courses	1,184	66	46	54	616	609	603	
<b>Course Work or Experience</b>								
U.S. History	1,646	96	46	54	585	583	572	
World History or Cultures	1,437	84	46	54	587	584	574	
U.S. Government or Civics	1,147	67	45	55	583	579	569	
Economics	572	34	50	50	581	582	568	
Geography	762	45	51	49	584	582	569	
Psychology	678	40	40	60	588	581	577	
European History	444	26	51	49	607	596	589	
Sociology	205	12	43	57	552	540	539	
Ancient History	250	15	49	51	584	573	567	
Other Courses	261	15	49	51	589	580	570	

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	154	9	38	62	612	618	608
4 Years	601	34	45	55	618	617	608
3 Years	413	23	48	52	590	580	575
2 Years	532	30	51	49	550	547	532
1 Year	50	3	48	52	498	511	485
1/2 Year or Less	38	2	58	42	503	507	481
No Response	370		54	46	583	589	572
AP/Honors Courses	704	39	42	58	627	624	616
<b>Course Work or Experience</b>							
Chinese	63	4	68	32	591	625	589
French	351	20	34	66	596	576	580
German	105	6	60	40	604	606	577
Greek	10	1	60	40	597	557	594
Hebrew	4	0	50	50			
Italian	11	1	73	27	639	566	615
Japanese	21	1	57	43	540	573	508
Korean	4	0	75	25			
Latin	170	10	52	48	610	594	598
Russian	9	1	56	44	613	621	598
Spanish	1,129	66	47	53	581	580	568
Other Languages	24	1	42	58	583	557	580

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

<b>Arts and Music</b> <b>Years of Study</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	142	8	32	68	587	577	576
4 Years	362	21	39	61	592	581	577
3 Years	218	12	42	58	571	576	563
2 Years	358	20	48	52	577	574	563
1 Year	505	29	55	45	594	600	581
1/2 Year or Less	172	10	55	45	574	565	554
No Response	401		56	44	584	588	574
AP/Honors Courses	303	17	43	57	623	612	609
<b>Course Work or Experience</b>							
Acting or Play Production	401	24	39	61	614	588	601
Art History or Appreciation	535	32	47	53	587	584	570
Dance	174	10	24	76	571	555	559
Drama: Study or Appreciation	334	20	39	61	587	569	579
Music: Study or Appreciation	349	21	49	51	605	590	588
Music Performance	740	44	44	56	598	592	585
Photography or Film	277	17	38	62	571	560	565
Studio Art and Design	397	24	39	61	582	573	571
None	181	11	59	41	558	563	543

<b>Computers</b> <b>Course Work or Experience</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,031	63	45	55	590	585	577
Computer Programming	385	24	63	37	610	623	596
Word Processing	923	57	46	54	595	588	580
Internet Activity	733	45	49	51	596	588	578
Using Computer Graphics	503	31	49	51	588	584	571
Creating Spreadsheets/Databases	628	38	47	53	597	593	583
None	329	20	41	59	578	569	569

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
517	1,344	402	675	684	664

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	35	7
2	233	45
3	178	34
4 or More	71	14

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		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	173	665	86	134	699	77	661	76	678	74	
<b>History and Social Studies</b>											
U.S. History	215	682	83	171	692	78	680	74	673	80	
World History	49	650	101	43	685	78	667	83	670	84	
<b>Mathematics</b>											
Mathematics Level 1	194	657	79	138	652	82	661	71	644	76	
Mathematics Level 2	291	710	81	243	679	82	709	67	671	78	
<b>Science</b>											
Biology-E	45	668	75	35	667	71	689	74	651	76	
Biology-M	64	680	87	50	686	76	680	71	680	76	
Chemistry	134	683	95	105	690	74	726	61	676	86	
Physics	111	684	84	93	667	89	712	70	665	79	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	4			3							
French	15	585		11	642		652		653		
French/Listening	2										
German	2			2							
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening											
Korean/Listening	4			4							
Latin	7	637		7	697		660		709		
Spanish	29	646	115	22	674		678		667		
Spanish/Listening	5	692		5	680		660		648		

## 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	28	16	54	25	10	20
700-740	43	25	54	25	11	22
650-690	43	25	45	21	6	12
600-640	23	13	30	14	8	16
550-590	20	12	15	7	4	8
500-540	9	5	10	5	6	12
450-490	3	2	5	2	4	8
400-440	3	2	2	1		
350-390						
300-340	1	1				
250-290						
200-240						
Total	173		215		49	
Mean	665		682		650	
SD	86		83		101	
75th percentile	730		740		720	
50th percentile	670		690		660	
25th percentile	610		620		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	22	11	131	45	8	18	19	30	41	31	34	31
700-740	54	28	41	14	9	20	11	17	29	22	24	22
650-690	46	24	47	16	13	29	10	16	24	18	13	12
600-640	32	16	42	14	11	24	14	22	16	12	20	18
550-590	20	10	24	8	2	4	4	6	11	8	15	14
500-540	14	7	3	1	1	2	5	8	5	4	4	4
450-490	3	2	3	1					6	4	1	1
400-440	2	1			1	2	1	2	1	1		
350-390									1	1		
300-340	1	1										
250-290												
200-240												
Total	194		291		45		64		134		111	
Mean	657		710		668		680		683		684	
SD	79		81		75		87		95		84	
75th percentile	710		790		710		750		760		760	
50th percentile	670		720		670		690		700		700	
25th percentile	610		640		620		620		630		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	25	1	7								
700-740	1	25	1	7								
650-690			2	13								
600-640	1	25	3	20			1	50				
550-590			2	13	2	100						
500-540			3	20								
450-490			2	13								
400-440	1	25	1	7								
350-390							1	50				
300-340												
250-290												
200-240												
Total	4		15		2		2					
Mean			585									
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					3	75			8	28	1	20
700-740							2	29	4	14	1	20
650-690					1	25	2	29	3	10	2	40
600-640							1	14	6	21	1	20
550-590							1	14	2	7		
500-540							1	14	3	10		
450-490									2	7		
400-440												
350-390												
300-340									1	3		
250-290												
200-240												
Total					4		7		29		5	
Mean							637		646		692	
SD									115			
75th percentile									720			
50th percentile									640			
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	16	1	551	516	531
Architecture and Related Services	38	2	568	593	549
Area, Ethnic, Cultural and Gender Studies	5	0	696	622	654
Biological and Biomedical Sciences	158	8	609	603	591
Business Management, Marketing, and Related Support Services	171	9	569	587	566
Communication, Journalism and Related Programs	53	3	587	550	583
Computer and Information Sciences and Support Services	56	3	629	639	595
Construction Trades	0	0			
Education	54	3	582	571	564
Engineering	278	14	614	655	597
Engineering Technologies/Technicians	14	1	541	602	520
English Language and Literature/Letters	33	2	652	575	648
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	31	2	599	568	589
Health Professions and Related Clinical Services	375	19	568	570	564
History	23	1	606	555	567
Legal Professions and Studies	53	3	568	544	548
Liberal Arts and Sciences, General Studies, and Humanities	21	1	646	562	628
Library Science And Administration	0	0			
Mathematics and Statistics	18	1	592	656	587
Mechanic and Repair Technologies/Technician	1	0			
Military Technologies And Applied Sciences	11	1	549	554	550
Multi/Interdisciplinary Studies	11	1	647	633	648
Natural Resources and Conservation	13	1	569	554	572
Parks, Recreation, Leisure and Fitness Studies	13	1	502	532	499
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	3	0			
Physical Sciences	38	2	677	653	637
Precision Production	1	0			
Psychology	72	4	563	528	556
Public Administration and Social Services Professions	2	0			
Security and Protective Services	21	1	490	466	502
Social Sciences	60	3	629	596	607
Theology and Religious Vocations	7	0	580	519	527
Transportation and Materials Moving	0	0			
Visual and Performing Arts	129	7	574	551	565
Other	18	1	541	558	516
Undecided	135	7	608	604	598
<b>Degree-Level Goal</b>					
Certificate Program	9	0	610	613	572
Associate Degree	4	0			
Bachelor's Degree	375	20	544	541	531
Master's Degree	583	31	580	580	569
Doctoral or Related Degree	679	36	612	607	596
Other	7	0	481	531	501
Undecided	210	11	585	584	572

## College Plans

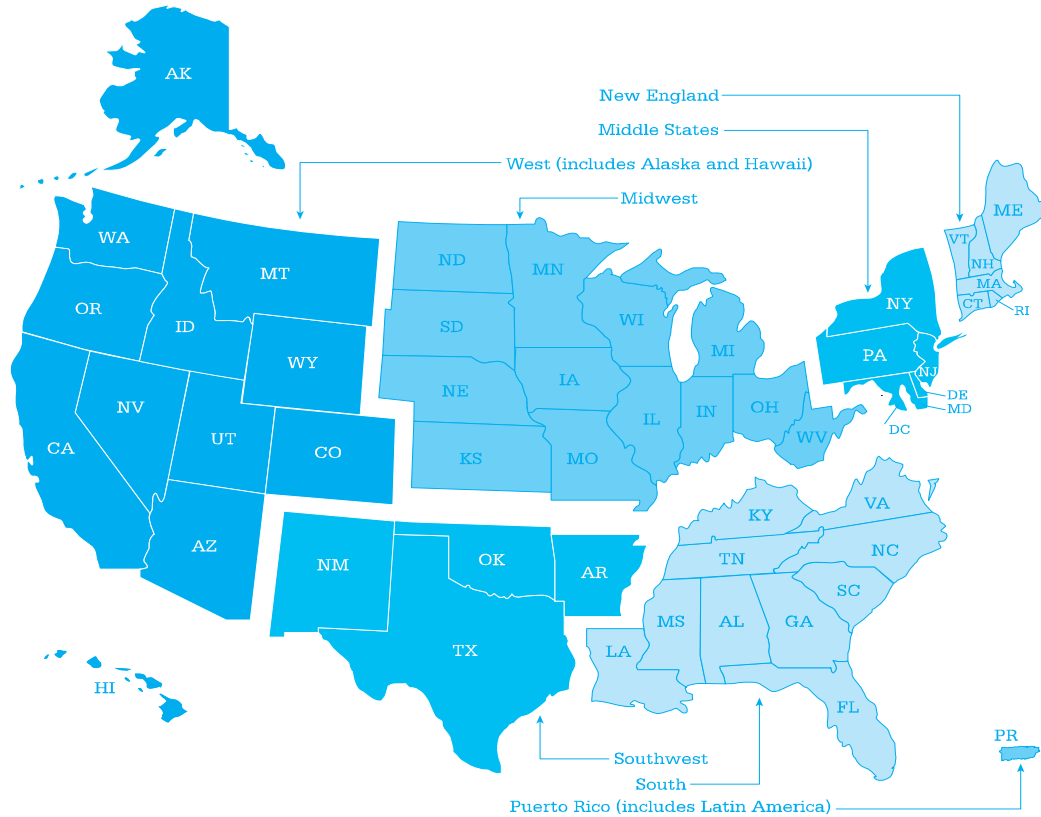
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 2,273 students from your state who took the SAT and/or an SAT Subject Test, 1,551 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 561 institutions received score reports from your students.

<b>Institution</b>	<b>State</b>	<b>Type</b>	<b>Number of Students</b>	<b>Percent of Score Senders*</b>
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	605	39.0
UNIVERSITY OF LOUISVILLE	KY	Public	386	24.9
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	237	15.3
VANDERBILT UNIVERSITY	TN	Private	222	14.3
DUKE UNIVERSITY TIP	NC	Scholarship	208	13.4
WESTERN KENTUCKY UNIVERSITY	KY	Public	177	11.4
CENTRE COLLEGE	KY	Private	145	9.3
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	139	9.0
BELLARMINE UNIVERSITY	KY	Private	128	8.3
YALE UNIVERSITY	CT	Private	116	7.5
PRINCETON UNIVERSITY	NJ	Private	113	7.3
WASHINGTON UNIVERSITY	MO	Private	112	7.2
NORTHWESTERN UNIVERSITY	IL	Private	111	7.2
UNIVERSITY OF CINCINNATI	OH	Public	111	7.2
STANFORD UNIVERSITY	CA	Private	110	7.1
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	106	6.8
TRANSYLVANIA UNIVERSITY	KY	Private	101	6.5
DUKE UNIVERSITY	NC	Private	100	6.4
EASTERN KENTUCKY UNIVERSITY	KY	Public	96	6.2
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	95	6.1
UNIVERSITY OF CHICAGO	IL	Private	92	5.9
MIAMI UNIVERSITY	OH	Public	88	5.7
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	88	5.7
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	87	5.6
UNIVERSITY OF VIRGINIA	VA	Public	86	5.5
CORNELL UNIVERSITY	NY	Private	80	5.2
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	78	5.0
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	76	4.9
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	76	4.9
MURRAY STATE UNIVERSITY	KY	Public	67	4.3
CASE WESTERN RESERVE UNIVERSITY	OH	Private	65	4.2
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	64	4.1
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	61	3.9
BROWN UNIVERSITY	RI	Private	61	3.9
CARNEGIE MELLON UNIVERSITY	PA	Private	61	3.9
NORTHERN KENTUCKY UNIVERSITY	KY	Public	60	3.9
UNIVERSITY OF NOTRE DAME	IN	Private	60	3.9
GEORGETOWN UNIVERSITY	DC	Private	57	3.7
NCAA ELIGIBILITY CENTER	IN	Public	52	3.4
EMORY UNIVERSITY	GA	Private	51	3.3
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	50	3.2
NEW YORK UNIVERSITY	NY	Private	48	3.1
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE ADMISSIONS	MD	Private	48	3.1
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	45	2.9
GEORGETOWN COLLEGE	KY	Private	44	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.

## Areas Served by College Board Regional Offices



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### Western Regional Office

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