

# SAT

2015 College-Bound Seniors

# State Profile Report



KENTUCKY

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ 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 2015 who took the SAT or SAT Subject Tests at any time during high school. ***Data and other information in this report are embargoed from dissemination to the media and general public until after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2015.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions about the College Board Program Results press briefing, 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 2015* includes students who tested through June 2015.

## Using This Report

*College-Bound Seniors* presents data on high school graduates in the year 2015 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 a 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, 1972–2015

<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
2014	499	495	497	530	499	513	481	492	487
2015	497	493	495	527	496	511	478	490	484

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 2000–2015, 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<sup>®</sup> Data

Data in this report are for high school graduates in the year 2015. Information is summarized for seniors who took the SAT at any time during their high school years through June 2015. 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	Mean	SD	Mean	SD	Mean	SD
Total	1,731	588	114	587	112	574	109	58.1	11.3	7.5	1.4

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	Mean	SD	Mean	SD	Mean	SD
Male	834	593	118	612	110	572	113	58.2	11.5	7.4	1.5
Female	897	583	109	565	109	576	106	58.0	11.0	7.7	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	Mean	SD	Mean	SD	Mean	SD
Senior (2014-2015)	887	578	122	577	119	564	114	57.0	11.8	7.5	1.5
Junior (2013-2014)	786	601	103	600	104	588	103	59.5	10.6	7.6	1.4
Sophomore (2012-2013)	45	574	93	582	89	548	92	55.5	9.7	7.4	1.2
Freshman (2011-2012)	13	558		535		521		52.9		7.2	
Total	1,731	588	114	587	112	574	109	58.1	11.3	7.5	1.4

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	Mean	SD	Mean	SD	Mean	SD
Total Group	1,698,521	495	116	511	120	484	115	48.7	11.6	7.0	1.7

\*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2015 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	670	670	650	570	590	560
50th	590	590	580	490	510	480
25th	520	510	510	410	430	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	159	130	289	200	104	304	111	111	222
600-690	281	284	565	287	272	559	269	280	549
500-590	241	302	543	215	290	505	263	305	568
400-490	95	136	231	106	179	285	131	156	287
300-390	46	41	87	23	41	64	47	40	87
200-290	12	4	16	3	11	14	13	5	18

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,020	65	48	52	592	596	576
Religiously Affiliated	395	25	48	52	584	582	570
Independent	156	10	49	51	602	608	607
Other or Unknown	160		49	51	560	526	538

Note: Percentiles are reported when there are 20 or more test-takers.  
The College Board is no longer collecting data regarding Disabling Conditions.

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 8: 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	423		439		415	
Asian, Asian American, or Pacific Islander	190	11	564	145	643	104	575	133
Black or African American	103	6	487	117	487	114	478	113
Mexican or Mexican American	8	0	573		566		534	
Puerto Rican	5	0	588		584		552	
Other Hispanic, Latino, or Latin American	45	3	570	126	546	122	541	112
White	1,282	74	602	102	590	106	585	99
Other	61	4	586	111	586	113	577	121
No Response	29	2	574	91	569	105	560	93
Total	1,731	100	588	114	587	112	574	109

Table 9: 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	5	0	398		438		394	
Asian, Asian American, or Pacific Islander	94	5	566	156	659	103	571	140
Black or African American	44	3	473	130	505	113	452	116
Mexican or Mexican American	3	0						
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	21	1	570		559		534	
White	618	36	610	102	616	103	585	100
Other	29	2	576	120	607	121	552	132
No Response	16	1	584		583		551	
Total	834	48	593	118	612	110	572	113

Table 10: 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	3	0						
Asian, Asian American, or Pacific Islander	96	6	561	134	627	102	578	125
Black or African American	59	3	497	105	474	113	497	107
Mexican or Mexican American	5	0	554		560		518	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	24	1	570		535		548	
White	664	38	595	102	566	103	584	99
Other	32	2	595	101	568	103	600	105
No Response	13	1	562		552		571	
Total	897	52	583	109	565	109	576	106

## Demographic Information

### SAT: Student Background Information and Characteristics

**Table 11: 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	1,731	100	588	114	587	112	574	109
<b>First Language Learned</b>								
English	1,445	84	595	107	585	110	578	103
English and Another	142	8	587	120	603	116	585	120
Another Language	130	8	511	149	604	124	519	143
No Response	14		559		564		557	
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,607	95	595	108	588	110	580	105
U.S. Permanent Resident or Refugee	32	2	596	137	601	159	580	138
Citizen of Another Country	56	3	448	126	580	134	467	126
Other, Unknown, or No Response	36		473	128	567	107	484	105
<b>Plans to Apply for Financial Aid</b>								
Yes	1,109	72	588	113	582	113	572	108
No	148	10	591	109	607	111	579	104
Don't Know	279	18	590	115	595	107	579	111
No Response	195		582	117	592	111	574	116
<b>Family Income</b>								
\$0 - \$20,000	57	5	497	135	511	130	484	108
\$20,000–\$40,000	114	10	523	121	516	107	502	118
\$40,000–\$60,000	117	10	575	114	570	112	559	114
\$60,000–\$80,000	140	12	569	113	568	104	551	105
\$80,000–\$100,000	151	13	581	99	576	107	561	98
\$100,000–\$120,000	163	14	593	117	586	107	580	112
\$120,000–\$140,000	90	8	602	96	603	109	580	102
\$140,000–\$160,000	70	6	607	109	602	98	585	97
\$160,000–\$200,000	91	8	610	104	606	101	601	94
More than \$200,000	182	15	613	99	628	100	601	94
No Response	556		603	111	601	111	594	105
<b>Highest Level of Parental Education</b>								
No High School Diploma	21	1	494		533		486	
High School Diploma	187	11	505	117	527	111	496	109
Associate Degree	88	5	536	126	529	112	521	121
Bachelor's Degree	583	34	587	102	582	102	573	100
Graduate Degree	814	48	619	103	614	109	603	101
No Response	38		533	133	552	115	534	114
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	519	32	609	107	603	111	591	104
Yes, As a Sophomore or Younger	330	20	580	101	572	103	565	97
Yes, As a Junior and As a Sophomore or Younger	475	29	626	102	624	102	615	96
No	314	19	515	111	522	107	501	106
No Response	93		554	130	588	109	549	113

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 12: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	566	59	46	54	641	645	626
Second Tenth	230	24	50	50	566	564	554
Second Fifth	103	11	46	54	522	512	501
Final Three Fifths	56	6	54	46	482	484	465
No Response	776		49	51	572	570	560

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	379	23	43	57	646	645	631
A (93–96)	669	40	45	55	609	611	596
A- (90–92)	295	18	48	52	575	568	560
B (80–89)	312	19	58	42	509	510	497
C (70–79)	27	2	63	37	449	437	431
D, E, or F (below 70)		0					
No Response	49		61	39	521	507	498
<b>Mean Grade Point Average</b>	<b>All Students: 3.83</b>		<b>Male: 3.77</b>		<b>Female: 3.88</b>		

Table 14: 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	2.6	2.3	3.90	3.96	3.93
English and Language Arts	4.0	4.0	4.0	3.69	3.85	3.77
Foreign and Classical Languages	2.9	3.0	2.9	3.69	3.81	3.75
Mathematics	4.1	4.1	4.1	3.67	3.68	3.67
Natural Sciences	3.8	3.7	3.8	3.69	3.72	3.70
Social Sciences and History	3.6	3.6	3.6	3.73	3.80	3.76
<b>Total for All Subjects</b>	<b>20.4</b>	<b>21.0</b>	<b>20.7</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 15: English, Mathematics

<b>English and Language Arts</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
More Than 4 Years	193	13	51	49	614	601	594
4 Years	1,134	77	48	52	597	596	582
3 Years	108	7	46	54	529	530	522
2 Years	27	2	52	48	528	553	523
1 Year	11	1	36	64	470	455	422
1/2 Year or Less	9	1	56	44	418	467	421
No Response	249		47	53	571	576	562
AP <sup>®</sup> /Honors Courses	1,029	69	46	54	621	614	604
<b>Course Work or Experience</b>							
English/Language Arts	1,380	97	48	52	592	588	577
Journalism	152	11	41	59	585	565	573
Creative Writing	310	22	41	59	582	561	574
American Literature	806	57	46	54	601	598	586
Composition/Writing	690	49	47	53	589	581	575
British Literature	373	26	44	56	611	596	596
World Literature	435	31	46	54	601	599	588
Communications	143	10	49	51	574	565	562
Public Speaking	325	23	44	56	580	563	567
English As Second Language	63	4	52	48	489	580	495
<b>Mathematics</b>							
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	403	27	55	45	615	632	599
4 Years	912	61	46	54	593	585	579
3 Years	121	8	47	53	525	513	511
2 Years	27	2	44	56	532	523	521
1 Year	14	1	64	36	521	495	480
1/2 Year or Less	8	1	50	50	394	453	398
No Response	246		46	54	572	577	564
AP/Honors Courses	971	65	50	50	621	629	606
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	894	61	53	47	630	642	616
Pre-calculus	303	21	41	59	556	535	538
Geometry	233	16	41	59	490	464	478
Algebra II	7	0	29	71	550	463	504
Algebra I		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 16: 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	257	18	54	46	627	633	607	
4 Years	759	52	47	53	603	601	589	
3 Years	341	23	43	57	557	544	544	
2 Years	60	4	67	33	568	572	556	
1 Year	26	2	50	50	560	576	542	
1/2 Year or Less	21	1	52	48	485	508	483	
No Response	267		48	52	563	572	556	
AP/Honors Courses	867	59	49	51	626	630	611	
<b>Course Work or Experience</b>								
Biology	1,384	97	48	52	593	590	577	
Chemistry	1,353	95	48	52	594	592	579	
Physics	1,024	72	53	47	605	609	589	
Geology, Earth, or Space Science	631	44	48	52	584	579	568	
Other Sciences	596	42	42	58	592	581	577	

  

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	12	55	45	624	613	599	
4 Years	704	48	48	52	604	596	592	
3 Years	506	34	45	55	573	581	559	
2 Years	61	4	61	39	571	569	552	
1 Year	18	1	44	56	469	504	463	
1/2 Year or Less	13	1	38	62	454	466	455	
No Response	258		48	52	569	575	560	
AP/Honors Courses	987	67	46	54	623	617	607	
<b>Course Work or Experience</b>								
U.S. History	1,372	97	48	52	591	589	577	
World History or Cultures	1,156	81	48	52	593	590	577	
U.S. Government or Civics	943	66	46	54	592	583	576	
Economics	435	31	51	49	590	593	572	
Geography	617	43	53	47	597	595	580	
Psychology	557	39	42	58	603	593	586	
European History	399	28	50	50	616	604	601	
Sociology	142	10	39	61	556	549	542	
Ancient History	206	15	47	53	587	575	580	
Other Courses	212	15	41	59	601	588	586	

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: 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	126	9	42	58	618	619	611
4 Years	410	28	43	57	634	628	620
3 Years	331	23	54	46	601	598	582
2 Years	501	34	50	50	562	558	545
1 Year	62	4	45	55	515	527	514
1/2 Year or Less	38	3	61	39	487	533	485
No Response	263		47	53	566	574	558
AP/Honors Courses	515	35	43	57	634	633	621
<b>Course Work or Experience</b>							
Chinese	50	4	66	34	559	617	556
French	248	17	38	62	593	580	579
German	74	5	65	35	626	613	592
Greek	12	1	67	33	634	643	636
Hebrew		0					
Italian	5	0	60	40	648	642	628
Japanese	21	1	43	57	596	624	571
Korean	4	0	75	25			
Latin	150	11	45	55	621	601	606
Russian	3	0	33	67			
Spanish	933	66	49	51	588	585	574
Other Languages	25	2	48	52	551	534	524

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: Arts and Music, Computers

<b>Arts and Music*</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		97	7	43	57	629	601	611
4 Years		285	21	34	66	611	601	604
3 Years		171	13	39	61	571	566	561
2 Years		270	20	47	53	589	585	572
1 Year		402	30	59	41	600	606	581
1/2 Year or Less		127	9	62	38	579	588	560
No Response		379		49	51	559	565	548
AP/Honors Courses		247	18	44	56	629	621	615
<b>Course Work or Experience</b>								
Acting or Play Production		304	22	36	64	609	583	597
Art History or Appreciation		428	31	49	51	592	594	579
Dance		123	9	17	83	596	569	586
Drama: Study or Appreciation		259	19	36	64	585	568	576
Music: Study or Appreciation		291	21	52	48	604	598	589
Music Performance		641	47	42	58	607	602	593
Photography or Film		267	19	34	66	575	569	565
Studio Art and Design		310	23	31	69	597	585	586
None		168	12	67	33	564	574	548
<b>Computers†</b>								
<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Computer Literacy	206	60	50	50	615	617	598	
Computer Programming	100	29	67	33	633	667	619	
Word Processing	185	54	51	49	621	622	607	
Internet Activity	150	44	53	47	617	615	606	
Using Computer Graphics	102	30	58	42	598	601	583	
Creating Spreadsheets/Databases	120	35	50	50	624	629	610	
None	68	20	44	56	606	603	572	

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.

\*Information about Arts & Music is incomplete for the 2015 cohort as data was not collected through the online registration process between January and June 2015. The full collection of this data has resumed.

†Information about Computer Experience represents a small sample of the 2015 cohort as this information is no longer collected through the online registration process as of November 2013.

SAT Subject Tests™ Data

Table 19: 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
488	1,232	334	675	689	662

  

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	32	7
2	225	46
3	187	38
4 or More	44	9

Table 20: 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
<b>English</b>										
Literature	133	669	81	102	686	80	649	80	659	75
<b>History and Social Studies</b>										
U.S. History	178	685	80	134	686	87	682	84	668	81
World History	30	651	100	24	703		687		678	
<b>Mathematics</b>										
Mathematics Level 1	138	661	80	86	658	93	663	71	648	83
Mathematics Level 2	302	713	82	213	678	92	718	62	669	81
<b>Science</b>										
Biology-E	50	653	84	29	671	93	668	88	650	80
Biology-M	74	685	84	51	689	94	707	66	672	88
Chemistry	140	671	96	96	675	104	715	66	662	80
Physics	107	683	94	75	668	113	725	69	659	94
<b>Foreign and Classical Languages</b>										
Chinese/Listening	6	675		5	632		678		644	
French	15	657		14	712		682		689	
French/Listening	3			1						
German	2			1						
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening	1			1						
Korean/Listening	3			3						
Latin	8	635		6	667		658		695	
Spanish	34	571	118	21	644		652		671	
Spanish/Listening	8	613		6	708		675		690	

## SAT Subject Tests Score Distributions

Table 21: 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	24	18	47	26	7	23
700-740	35	26	41	23	4	13
650-690	28	21	42	24	2	7
600-640	24	18	22	12	5	17
550-590	6	5	16	9	8	27
500-540	12	9	6	3	3	10
450-490	4	3	2	1	1	3
400-440			1	1		
350-390			1	1		
300-340						
250-290						
200-240						
Total	133		178		30	
Mean	669		685		651	
SD	81		80		100	
75th percentile	730		750		740	
50th percentile	690		690		630	
25th percentile	620		640		560	

Table 22: 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	19	14	139	46	3	6	19	26	38	27	34	32
700-740	35	25	48	16	16	32	17	23	30	21	24	22
650-690	27	20	40	13	15	30	20	27	16	11	11	10
600-640	30	22	43	14	6	12	6	8	19	14	18	17
550-590	16	12	24	8	4	8	9	12	22	16	10	9
500-540	8	6	7	2	3	6	2	3	8	6	5	5
450-490	2	1			2	4			7	5	4	4
400-440			1	0	1	2					1	1
350-390	1	1										
300-340							1	1				
250-290												
200-240												
Total	138		302		50		74		140		107	
Mean	661		713		653		685		671		683	
SD	80		82		84		84		96		94	
75th percentile	730		790		700		740		750		760	
50th percentile	670		740		670		690		680		700	
25th percentile	600		640		600		640		590		610	

**SAT Subject Tests Score Distributions**

Table 23: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	3	50	4	27	1	33						
700-740			3	20	1	33						
650-690	1	17	2	13								
600-640			1	7			1	50				
550-590			2	13			1	50				
500-540	1	17	2	13	1	33						
450-490	1	17	1	7								
400-440												
350-390												
300-340												
250-290												
200-240												
Total	6		15		3		2					
Mean	675		657									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 24: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			1	100	2	67			3	9	1	13
700-740							1	13	1	3		
650-690					1	33	3	38	8	24	2	25
600-640							3	38	2	6	2	25
550-590							1	13	5	15	1	13
500-540									3	9	1	13
450-490									5	15		
400-440									7	21	1	13
350-390												
300-340												
250-290												
200-240												
Total			1		3		8		34		8	
Mean							635		571		613	
SD									118			
75th percentile									670			
50th percentile									560			
25th percentile									460			



## College Plans

Table 25: 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	527	510	516
Architecture and Related Services	17	1	509	536	493
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	131	8	606	605	590
Business Management, Marketing, and Related Support Services	146	9	559	578	554
Communication, Journalism and Related Programs	44	3	579	547	575
Computer and Information Sciences and Support Services	66	4	614	634	586
Construction Trades	1	0			
Education	48	3	589	578	581
Engineering	233	15	617	639	590
Engineering Technologies/Technicians	15	1	573	648	560
English Language and Literature/Letters	22	1	631	573	614
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	20	1	594	568	624
Health Professions and Related Clinical Services	256	17	571	573	566
History	13	1	662	623	613
Legal Professions and Studies	42	3	607	590	590
Liberal Arts and Sciences, General Studies, and Humanities	14	1	607	564	599
Library Science And Administration	0	0			
Mathematics and Statistics	21	1	605	660	594
Mechanic and Repair Technologies/Technician	0	0			
Military Technologies And Applied Sciences	8	1	546	514	479
Multi/Interdisciplinary Studies	31	2	670	645	647
Natural Resources and Conservation	6	0	642	660	627
Parks, Recreation, Leisure and Fitness Studies	5	0	474	460	472
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	7	0	619	569	556
Physical Sciences	39	3	662	666	628
Precision Production	0	0			
Psychology	57	4	560	540	550
Public Administration and Social Services Professions	8	1	549	495	496
Security and Protective Services	15	1	555	533	531
Social Sciences	40	3	661	619	638
Theology and Religious Vocations	5	0	568	584	554
Transportation and Materials Moving	0	0			
Visual and Performing Arts	89	6	565	543	556
Other	7	0	566	500	514
Undecided	112	7	647	628	636
<b>Degree-Level Goal</b>					
Certificate Program	10	1	489	525	474
Associate Degree	6	0	433	412	442
Bachelor's Degree	325	21	540	539	532
Master's Degree	482	31	592	592	575
Doctoral or Related Degree	569	36	614	610	598
Other	2	0			
Undecided	168	11	591	590	580

## College Plans

Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 1,885 students from your state who took the SAT and/or an SAT Subject Test, 1,287 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 551 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Kentucky	KY	Public	449	34.9
University of Louisville	KY	Public	310	24.1
NMSC Scholarship Admin	IL	Scholarship	221	17.2
Vanderbilt University	TN	Private	172	13.4
Duke University Talent Identification Program	NC	Scholarship	149	11.6
Western Kentucky University	KY	Public	145	11.3
Harvard College	MA	Private	141	11.0
Princeton University	NJ	Private	114	8.9
Stanford University	CA	Private	113	8.8
Massachusetts Institute of Technology	MA	Private	110	8.5
Centre College	KY	Private	105	8.2
University of Cincinnati	OH	Public	97	7.5
Yale University	CT	Private	91	7.1
Bellarmine University	KY	Private	91	7.1
Duke University	NC	Private	91	7.1
University of Chicago	IL	Private	90	7.0
Washington University in St. Louis	MO	Private	85	6.6
University of Pennsylvania	PA	Private	80	6.2
Purdue University	IN	Public	79	6.1
Cornell University	NY	Private	76	5.9
Eastern Kentucky University	KY	Public	71	5.5
Columbia University	NY	Private	70	5.4
Georgia Institute of Technology	GA	Public	70	5.4
Northern Kentucky University	KY	Public	64	5.0
Miami University: Oxford	OH	Public	62	4.8
Transylvania University	KY	Private	60	4.7
Northwestern University	IL	Private	59	4.6
Case Western Reserve University	OH	Private	58	4.5
Ohio State University: Columbus Campus	OH	Public	53	4.1
Brown University	RI	Private	53	4.1
University of Michigan	MI	Public	53	4.1
Carnegie Mellon University	PA	Private	52	4.0
University of Virginia	VA	Public	50	3.9
Dartmouth College	NH	Private	50	3.9
University of California: Berkeley	CA	Public	47	3.7
Johns Hopkins University	MD	Private	46	3.6
Georgetown University	DC	Private	46	3.6
University of North Carolina at Chapel Hill	NC	Public	43	3.3
Indiana University Bloomington	IN	Public	42	3.3
Murray State University	KY	Public	41	3.2
Emory University	GA	Private	41	3.2
Rice University	TX	Private	40	3.1
University of Alabama	AL	Public	37	2.9
University of Southern California	CA	Private	37	2.9
University of South Carolina: Columbia	SC	Public	35	2.7

\*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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