



2013 College-Bound Seniors

# State Profile Report



MARYLAND

## 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	48,106	497	120	500	126	486	120	48.7	12.0	7.0	1.7

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	22,559	498	122	514	131	479	122	48.4	12.0	6.7	1.8
Female	25,547	495	118	487	120	492	119	49.1	11.9	7.2	1.6

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)	34,208	482	115	483	121	469	115	47.1	11.4	6.8	1.7
Junior (2011-2012)	13,818	533	123	541	128	526	125	52.7	12.3	7.5	1.7
Sophomore (2010-2011)	78	525	142	537	129	514	140	52.4	13.9	7.1	1.7
Freshman (2009-2010)	2										
Total	48,106	497	120	500	126	486	120	48.7	12.0	7.0	1.7

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	580	590	570	570	600	560
50th	490	500	480	490	510	480
25th	410	410	400	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	1,268	1,287	2,555	2,008	1,124	3,132	958	1,203	2,161
600–690	3,705	3,889	7,594	4,367	3,907	8,274	3,035	3,969	7,004
500–590	6,454	7,342	13,796	6,110	6,952	13,062	5,758	6,926	12,684
400–490	6,495	7,933	14,428	5,624	7,486	13,110	7,011	7,860	14,871
300–390	3,494	3,964	7,458	3,316	4,701	8,017	4,422	4,528	8,950
200–290	1,143	1,132	2,275	1,134	1,377	2,511	1,375	1,061	2,436

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	39,824	84	46	54	487	493	476
Religiously Affiliated	5,771	12	50	50	538	529	530
Independent	1,622	3	49	51	577	580	575
Other or Unknown	889		48	52	490	475	477

### 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	2,952	6	481	121	477	124	465	116
Nonstandard Conditions	1,524	3	499	131	502	137	488	131

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	301	1	474	121	468	123	453	117
Asian, Asian American, or Pacific Islander	3,890	8	542	123	591	123	542	125
Black or African American	14,999	31	426	103	416	102	413	100
Mexican or Mexican American	466	1	458	115	464	122	443	121
Puerto Rican	311	1	492	105	492	114	473	101
Other Hispanic, Latino, or Latin American	2,573	5	463	114	465	116	454	112
White	22,772	47	543	103	548	104	532	103
Other	1,546	3	510	121	502	124	495	124
No Response	1,248	3	434	134	422	133	418	130
Total	48,106	100	497	120	500	126	486	120

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	137	0	475	125	487	128	443	124
Asian, Asian American, or Pacific Islander	1,878	4	547	125	607	123	538	128
Black or African American	6,893	14	422	104	422	106	402	99
Mexican or Mexican American	227	0	455	118	474	129	432	119
Puerto Rican	145	0	504	106	521	109	479	102
Other Hispanic, Latino, or Latin American	1,203	3	468	116	483	119	451	114
White	10,785	22	546	103	566	106	525	104
Other	645	1	511	123	518	126	489	127
No Response	646	1	428	134	424	137	405	128
Total	22,559	47	498	122	514	131	479	122

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	164	0	473	117	453	117	462	110
Asian, Asian American, or Pacific Islander	2,012	4	539	121	577	122	545	122
Black or African American	8,106	17	429	103	411	99	421	100
Mexican or Mexican American	239	0	460	113	454	114	453	122
Puerto Rican	166	0	481	103	467	112	469	100
Other Hispanic, Latino, or Latin American	1,370	3	459	112	449	110	457	111
White	11,987	25	540	102	532	100	539	103
Other	901	2	509	119	491	121	499	122
No Response	602	1	440	134	420	128	433	131
Total	25,547	53	495	118	487	120	492	119

## 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	48,106	100	497	120	500	126	486	120
<b>First Language Learned</b>								
English	36,780	81	500	118	499	122	488	118
English and Another	5,457	12	494	123	504	135	488	126
Another Language	3,043	7	477	127	514	138	477	128
No Response	2,826		476	132	477	136	466	131
<b>Citizenship</b>								
U.S. Citizen / U.S. National	42,360	95	502	118	503	124	490	118
U.S. Permanent Resident or Refugee	1,503	3	461	125	490	135	461	123
Citizen of Another Country	608	1	470	119	536	141	478	128
Other, Unknown, or No Response	3,635		451	130	455	135	441	129
<b>Plans to Apply for Financial Aid</b>								
Yes	28,284	74	496	114	496	120	484	114
No	2,416	6	534	116	547	123	528	117
Don't Know	7,375	19	515	118	526	125	505	121
No Response	10,031		476	133	479	137	465	133
<b>Family Income</b>								
\$0 - \$20,000	1,584	10	415	104	418	113	403	101
\$20,000–\$40,000	1,917	12	454	106	454	112	441	103
\$40,000–\$60,000	2,034	12	470	105	468	109	456	102
\$60,000–\$80,000	2,022	12	485	106	485	107	472	105
\$80,000–\$100,000	1,848	11	511	107	508	111	498	107
\$100,000–\$120,000	1,798	11	515	107	523	112	505	109
\$120,000–\$140,000	1,209	7	524	104	525	109	510	106
\$140,000–\$160,000	1,040	6	535	108	541	114	522	108
\$160,000–\$200,000	1,373	8	537	108	544	112	528	111
More than \$200,000	1,822	11	572	105	588	110	566	108
No Response	31,459		495	123	498	129	485	123
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,243	3	417	103	425	116	407	99
High School Diploma	11,153	28	454	102	455	109	441	101
Associate Degree	2,753	7	477	99	481	105	465	99
Bachelor's Degree	12,416	31	524	104	529	112	513	104
Graduate Degree	12,420	31	569	112	572	117	560	114
No Response	8,121		420	109	423	112	409	107
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	7,288	18	492	117	493	124	482	117
Yes, As a Sophomore or Younger	9,568	24	491	110	493	118	476	110
Yes, As a Junior and As a Sophomore or Younger	18,933	47	536	109	542	113	527	109
No	4,161	10	422	109	420	113	408	106
No Response	8,156		454	128	456	133	443	128

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	4,439	34	44	56	584	597	578
Second Tenth	3,308	26	47	53	509	521	502
Second Fifth	2,406	19	52	48	481	488	469
Final Three Fifths	2,760	21	50	50	430	429	416
No Response	35,193		47	53	491	491	479

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)	1,928	4	42	58	603	616	601
A (93–96)	7,250	17	38	62	575	587	571
A- (90–92)	7,749	18	42	58	544	554	537
B (80–89)	19,677	46	49	51	476	477	463
C (70–79)	6,037	14	56	44	406	399	389
D, E, or F (below 70)	306	1	58	42	384	373	358
No Response	5,159		51	49	467	464	454
<b>Mean Grade Point Average</b>	<b>All Students: 3.25</b>		<b>Male: 3.16</b>		<b>Female: 3.32</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	2.2	2.5	2.4	3.66	3.82	3.75
English and Language Arts	3.9	3.9	3.9	3.18	3.42	3.31
Foreign and Classical Languages	2.8	3.0	2.9	3.10	3.36	3.24
Mathematics	3.9	3.9	3.9	3.07	3.08	3.07
Natural Sciences	3.5	3.5	3.5	3.19	3.27	3.23
Social Sciences and History	3.5	3.5	3.5	3.28	3.34	3.31
<b>Total for All Subjects</b>	<b>19.8</b>	<b>20.3</b>	<b>20.1</b>			

## 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	4,472	13	44	56	532	538	524
4 Years	24,913	70	47	53	512	515	501
3 Years	4,401	12	44	56	463	465	453
2 Years	807	2	46	54	460	464	448
1 Year	455	1	46	54	427	426	412
1/2 Year or Less	498	1	52	48	403	407	388
No Response	12,560		50	50	473	476	462
AP®/Honors Courses	20,067	56	41	59	546	550	537
<b>Course Work or Experience</b>							
English/Language Arts	32,070	96	45	55	503	505	492
Journalism	3,283	10	34	66	505	490	497
Creative Writing	5,666	17	37	63	507	492	498
American Literature	16,186	49	44	56	522	520	511
Composition/Writing	12,065	36	44	56	511	507	501
British Literature	7,736	23	44	56	533	527	523
World Literature	8,746	26	46	54	517	511	505
Communications	1,742	5	47	53	476	474	468
Public Speaking	3,638	11	43	57	506	496	497
English As Second Language	1,481	4	45	55	422	456	424

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	8,122	23	48	52	547	570	538
4 Years	19,535	55	46	54	511	512	501
3 Years	6,112	17	43	57	451	439	437
2 Years	720	2	48	52	447	445	434
1 Year	410	1	47	53	418	423	404
1/2 Year or Less	597	2	46	54	401	392	384
No Response	12,610		49	51	473	476	462
AP/Honors Courses	16,622	47	47	53	557	579	549
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	11,676	34	50	50	575	606	568
Pre-calculus	8,851	25	43	57	508	507	497
Geometry	13,400	38	44	56	440	422	427
Algebra II	432	1	51	49	462	453	446
Algebra I	99	0	46	54	388	366	381

\*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	4,294	12	46	54	550	568	542	
4 Years	14,970	43	47	53	528	533	518	
3 Years	11,486	33	44	56	477	473	465	
2 Years	1,807	5	49	51	473	476	461	
1 Year	1,056	3	48	52	459	463	443	
1/2 Year or Less	1,147	3	44	56	422	421	408	
No Response	13,346		50	50	473	476	462	
AP/Honors Courses	16,377	47	44	56	557	570	548	
<b>Course Work or Experience</b>								
Biology	33,161	98	45	55	504	507	493	
Chemistry	30,558	90	45	55	512	516	501	
Physics	17,924	53	51	49	535	550	526	
Geology, Earth, or Space Science	15,973	47	46	54	484	483	473	
Other Sciences	12,874	38	40	60	501	501	491	

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	3,924	11	46	54	549	551	538	
4 Years	15,826	45	47	53	529	530	518	
3 Years	12,694	36	44	56	477	484	466	
2 Years	1,450	4	48	52	457	461	445	
1 Year	673	2	48	52	430	434	417	
1/2 Year or Less	661	2	47	53	401	403	387	
No Response	12,878		49	51	472	475	462	
AP/Honors Courses	19,045	54	44	56	551	557	541	
<b>Course Work or Experience</b>								
U.S. History	31,954	95	45	55	504	507	493	
World History or Cultures	29,294	87	45	55	505	507	494	
U.S. Government or Civics	29,662	88	45	55	504	506	492	
Economics	5,916	18	51	49	526	532	517	
Geography	3,963	12	46	54	502	497	490	
Psychology	13,629	40	37	63	520	517	510	
European History	5,056	15	48	52	550	545	539	
Sociology	4,645	14	37	63	499	491	487	
Ancient History	2,579	8	50	50	530	520	517	
Other Courses	4,643	14	45	55	521	517	508	

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	3,409	10	38	62	573	578	569
4 Years	7,960	23	42	58	554	557	548
3 Years	10,706	30	46	54	510	515	500
2 Years	10,328	29	50	50	464	464	448
1 Year	1,286	4	52	48	429	428	411
1/2 Year or Less	1,428	4	51	49	404	409	388
No Response	12,989		50	50	472	476	461
AP/Honors Courses	10,229	29	40	60	568	578	564
<b>Course Work or Experience</b>							
Chinese	799	2	47	53	538	563	528
French	6,436	19	39	61	508	501	496
German	1,030	3	59	41	532	530	510
Greek	92	0	57	43	532	514	514
Hebrew	278	1	47	53	570	554	567
Italian	547	2	45	55	497	488	487
Japanese	399	1	53	47	503	496	482
Korean	86	0	45	55	472	503	472
Latin	2,409	7	50	50	545	543	531
Russian	195	1	57	43	502	499	483
Spanish	24,521	72	46	54	500	504	491
Other Languages	1,060	3	38	62	479	485	469

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>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	2,853	8	38	62	532	530	523	
4 Years	6,475	19	38	62	534	529	524	
3 Years	5,302	15	40	60	500	497	489	
2 Years	8,031	23	48	52	494	498	483	
1 Year	8,810	25	53	47	504	516	492	
1/2 Year or Less	3,216	9	51	49	460	466	447	
No Response	13,419		50	50	475	479	465	
AP/Honors Courses	4,863	14	36	64	558	559	550	
<b>Course Work or Experience</b>								
Acting or Play Production	5,206	16	35	65	542	522	529	
Art History or Appreciation	5,868	18	47	53	499	494	487	
Dance	4,582	14	10	90	488	480	485	
Drama: Study or Appreciation	5,073	16	31	69	510	493	499	
Music: Study or Appreciation	4,301	13	53	47	526	520	516	
Music Performance	13,863	42	44	56	525	527	515	
Photography or Film	7,671	23	36	64	508	505	499	
Studio Art and Design	8,651	26	38	62	520	520	510	
None	4,065	12	60	40	455	464	441	

<b>Computers</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	<b>Course Work or Experience</b>	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	17,135	55	46	54	516	516	504
Computer Programming	7,061	22	60	40	519	534	506
Word Processing	14,600	46	44	56	516	515	504
Internet Activity	12,213	39	45	55	519	519	508
Using Computer Graphics	10,242	33	49	51	509	511	497
Creating Spreadsheets/Databases	7,814	25	48	52	522	527	511
None	6,185	20	41	59	486	490	476

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
5,732	14,126	5,524	647	664	645

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	669	12
2	2,565	45
3	1,890	33
4 or More	608	11

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	1,774	647	88	1,716	667	85	641	87	660	86	
<b>History and Social Studies</b>											
U.S. History	1,607	660	95	1,548	660	85	652	86	653	86	
World History	771	655	94	743	670	80	670	78	662	83	
<b>Mathematics</b>											
Mathematics Level 1	1,655	629	86	1,579	621	88	639	80	622	88	
Mathematics Level 2	3,086	704	78	2,992	662	83	705	64	663	83	
<b>Science</b>											
Biology-E	724	642	94	700	638	90	648	89	639	92	
Biology-M	919	673	86	882	660	84	681	81	658	88	
Chemistry	1,308	677	97	1,259	659	89	700	72	660	87	
Physics	1,041	672	89	1,014	661	87	709	69	653	89	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	103	755	72	99	664	113	709	74	667	103	
French	256	644	115	248	663	95	638	88	664	90	
French/Listening	49	638	105	48	646	80	625	92	654	89	
German	20	602		20	645		647		660		
German/Listening	11	722		11	656		631		659		
Modern Hebrew	11	657		9	678		670		697		
Italian	9	679		8	645		689		661		
Japanese/Listening	30	631	127	29	604	112	667	100	614	97	
Korean/Listening	40	771	55	39	588	101	704	77	617	87	
Latin	72	620	117	69	692	75	693	73	691	74	
Spanish	566	630	114	544	654	82	652	83	660	84	
Spanish/Listening	74	628	126	73	648	90	633	91	643	92	

## 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	184	10	321	20	144	19
700-740	390	22	369	23	138	18
650-690	422	24	301	19	150	19
600-640	336	19	214	13	135	18
550-590	217	12	196	12	100	13
500-540	123	7	94	6	59	8
450-490	57	3	75	5	32	4
400-440	30	2	25	2	10	1
350-390	10	1	10	1	3	0
300-340	4	0	1	0		
250-290	1	0	1	0		
200-240						
Total	1,774		1,607		771	
Mean	647		660		655	
SD	88		95		94	
75th percentile	710		730		730	
50th percentile	660		680		660	
25th percentile	600		590		590	

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	93	6	1,160	38	102	14	197	21	395	30	250	24
700-740	313	19	591	19	127	18	216	24	242	19	206	20
650-690	354	21	588	19	135	19	188	20	232	18	205	20
600-640	400	24	434	14	155	21	144	16	166	13	166	16
550-590	241	15	231	7	113	16	103	11	120	9	125	12
500-540	130	8	59	2	46	6	44	5	83	6	59	6
450-490	64	4	17	1	22	3	14	2	52	4	20	2
400-440	40	2	5	0	14	2	10	1	15	1	8	1
350-390	17	1	1	0	5	1	2	0	3	0	2	0
300-340	3	0			5	1						
250-290												
200-240							1	0				
Total	1,655		3,086		724		919		1,308		1,041	
Mean	629		704		642		673		677		672	
SD	86		78		94		86		97		89	
75th percentile	690		770		710		740		760		740	
50th percentile	630		720		650		680		690		680	
25th percentile	580		650		580		620		610		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	74	72	62	24	7	14	3	15	6	55	6	55
700-740	19	18	35	14	11	22	3	15	2	18	1	9
650-690	3	3	37	14	6	12	2	10	2	18		
600-640	3	3	37	14	7	14	2	10				
550-590			31	12	8	16	2	10				
500-540			23	9	6	12	3	15	1	9	2	18
450-490	3	3	16	6	2	4	3	15				
400-440	1	1	10	4	1	2					1	9
350-390			4	2	1	2	2	10			1	9
300-340			1	0								
250-290												
200-240												
Total	103		256		49		20		11		11	
Mean	755		644		638		602		722		657	
SD	72		115		105							
75th percentile	800		740		720		730					
50th percentile	780		650		640		590					
25th percentile	740		560		550		490					

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	5	56	7	23	35	88	12	17	105	19	20	27
700-740	1	11	5	17	3	8	12	17	78	14	4	5
650-690	1	11	2	7			9	13	106	19	11	15
600-640			6	20	1	3	8	11	65	11	10	14
550-590			3	10			8	11	75	13	7	9
500-540			2	7			10	14	56	10	12	16
450-490	1	11	3	10	1	3	7	10	45	8	2	3
400-440	1	11					5	7	19	3	5	7
350-390			1	3			1	1	15	3	3	4
300-340			1	3					2	0		
250-290												
200-240												
Total	9		30		40		72		566		74	
Mean	679		631		771		620		630		628	
SD			127		55		117		114		126	
75th percentile			700		790		720		720		750	
50th percentile			620		790		620		650		630	
25th percentile			530		770		520		550		530	



## 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	285	1	483	486	476
Architecture and Related Services	566	1	494	520	484
Area, Ethnic, Cultural and Gender Studies	49	0	566	525	543
Biological and Biomedical Sciences	2,948	7	539	547	532
Business Management, Marketing, and Related Support Services	4,478	11	484	498	476
Communication, Journalism and Related Programs	1,199	3	513	485	505
Computer and Information Sciences and Support Services	1,492	4	510	528	485
Construction Trades	32	0	382	418	377
Education	1,899	5	490	484	485
Engineering	4,051	10	534	575	518
Engineering Technologies/Technicians	519	1	462	488	450
English Language and Literature/Letters	540	1	576	512	564
Family and Consumer Sciences/Human Sciences	165	0	435	422	426
Foreign Languages, Literatures, and Linguistics	308	1	582	542	566
Health Professions and Related Clinical Services	6,202	15	485	492	481
History	424	1	541	507	520
Legal Professions and Studies	1,156	3	519	501	503
Liberal Arts and Sciences, General Studies, and Humanities	323	1	549	519	540
Library Science And Administration	9	0	580	499	499
Mathematics and Statistics	352	1	534	604	532
Mechanic and Repair Technologies/Technician	77	0	397	395	379
Military Technologies And Applied Sciences	293	1	490	494	463
Multi/Interdisciplinary Studies	207	1	579	578	570
Natural Resources and Conservation	264	1	533	527	514
Parks, Recreation, Leisure and Fitness Studies	402	1	430	447	419
Personal and Culinary Services	239	1	440	430	423
Philosophy and Religious Studies	67	0	567	547	552
Physical Sciences	602	1	553	575	538
Precision Production	4	0			
Psychology	1,874	5	507	486	495
Public Administration and Social Services Professions	158	0	488	463	477
Security and Protective Services	1,467	4	454	453	441
Social Sciences	740	2	570	547	554
Theology and Religious Vocations	47	0	502	471	476
Transportation and Materials Moving	11	0	415	448	420
Visual and Performing Arts	3,036	8	500	478	485
Other	767	2	449	452	443
Undecided	2,967	7	546	553	537
<b>Degree-Level Goal</b>					
Certificate Program	401	1	424	429	409
Associate Degree	525	1	395	388	378
Bachelor's Degree	11,528	30	481	484	468
Master's Degree	12,065	31	507	511	497
Doctoral or Related Degree	7,858	20	534	538	527
Other	277	1	400	399	385
Undecided	5,722	15	517	520	505

## College Plans

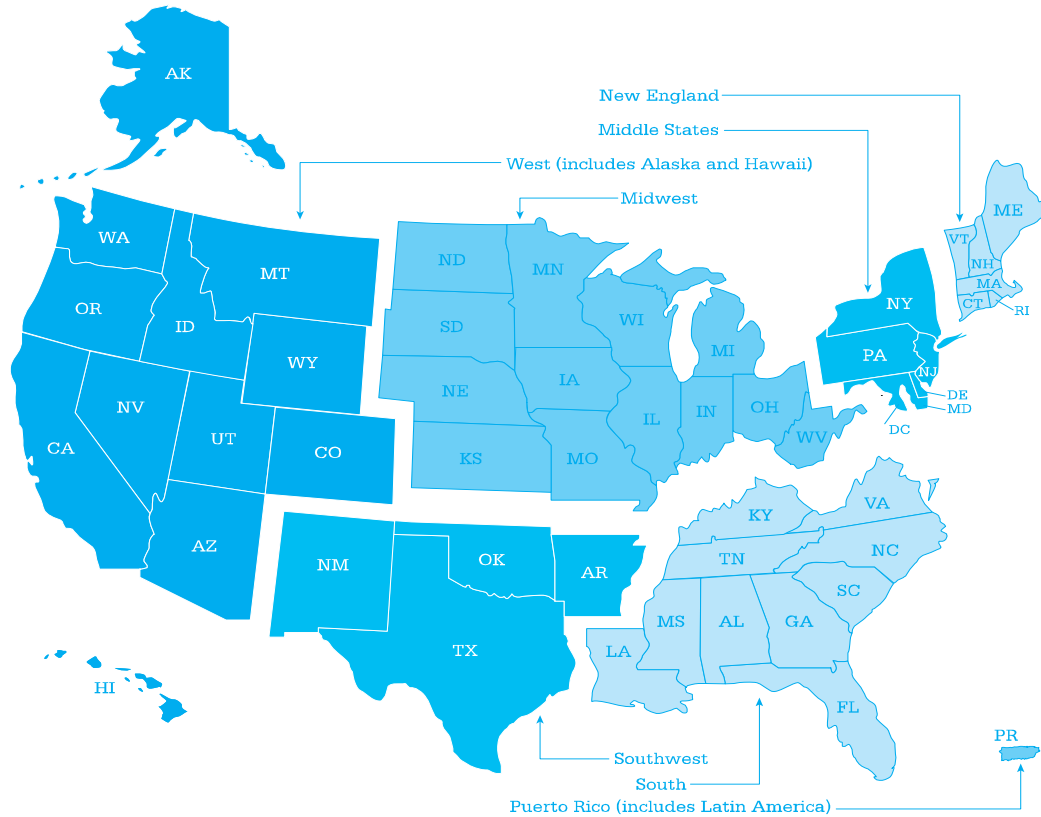
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 48,314 students from your state who took the SAT and/or an SAT Subject Test, 34,621 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 2,090 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MARYLAND	MD	Public	12,726	36.8
TOWSON UNIVERSITY	MD	Public	11,340	32.8
UNIVERSITY OF MARYLAND BALTIMORE COUNTY	MD	Public	7,834	22.6
SALISBURY UNIVERSITY	MD	Public	5,920	17.1
STEVENS UNIVERSITY	MD	Private	3,075	8.9
FROSTBURG STATE UNIVERSITY	MD	Public	2,859	8.3
UNIVERSITY OF DELAWARE	DE	Public	2,700	7.8
PENNSYLVANIA STATE UNIVERSITY	PA	Public	2,472	7.1
MORGAN STATE UNIVERSITY	MD	Public	2,246	6.5
JAMES MADISON UNIVERSITY	VA	Public	2,142	6.2
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	2,085	6.0
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	2,060	6.0
BOWIE STATE UNIVERSITY	MD	Public	2,060	6.0
NCAA ELIGIBILITY CENTER	IN	Public	1,964	5.7
YORK COLLEGE OF PENNSYLVANIA	PA	Private	1,963	5.7
DREXEL UNIVERSITY	PA	Private	1,937	5.6
SAINT MARYS COLLEGE MARYLAND	MD	Public	1,820	5.3
LOYOLA UNIVERSITY MARYLAND	MD	Private	1,800	5.2
UNIVERSITY OF VIRGINIA	VA	Public	1,789	5.2
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	1,697	4.9
UNIVERSITY OF MARYLAND EASTERN SHORE	MD	Public	1,635	4.7
MOUNT SAINT MARYS UNIVERSITY	MD	Private	1,496	4.3
GEORGE MASON UNIVERSITY	VA	Public	1,427	4.1
HOWARD UNIVERSITY	DC	Private	1,409	4.1
MCDANIEL COLLEGE	MD	Private	1,346	3.9
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	1,284	3.7
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,227	3.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	1,219	3.5
CORNELL UNIVERSITY	NY	Private	1,153	3.3
GEORGETOWN UNIVERSITY	DC	Private	1,118	3.2
WASHINGTON COLLEGE	MD	Private	1,112	3.2
COPPIN STATE COLLEGE	MD	Public	1,091	3.2
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	1,040	3.0
NEW YORK UNIVERSITY	NY	Private	1,038	3.0
AMERICAN UNIVERSITY DC THE	DC	Private	1,012	2.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	1,007	2.9
GEORGE WASHINGTON UNIVERSITY	DC	Private	998	2.9
BOSTON UNIVERSITY	MA	Private	982	2.8
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	959	2.8
PRINCETON UNIVERSITY	NJ	Private	925	2.7
UNIVERSITY OF MIAMI	FL	Private	921	2.7
CLEMSON UNIVERSITY	SC	Public	920	2.7
TEMPLE UNIVERSITY	PA	Private	896	2.6
DUKE UNIVERSITY	NC	Private	890	2.6
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	866	2.5

\*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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610-227-2580 (Fax)

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781-663-2743 (Fax)

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866-392-4088  
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### Southwestern Regional Office

4330 Gaines Ranch Loop, Suite 200  
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866-392-3017  
512-721-1841 (Fax)

### Western Regional Office

2099 Gateway Place, Suite 550  
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### Puerto Rico and Latin America Office

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