



2013 College-Bound Seniors

# State Profile Report



FLORIDA

## Included in This Report

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[SAT® Data](#)

[SAT Subject Tests™ Data](#)

[Demographic and Academic Information](#)

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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® 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 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	112,554	492	107	490	109	475	105	47.4	10.7	7.1	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	51,350	494	110	506	113	467	107	47.1	10.8	6.8	1.7
Female	61,204	491	104	476	103	481	103	47.7	10.6	7.3	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2012-2013)	74,649	488	102	485	105	470	101	46.9	10.2	7.0	1.5
Junior (2011-2012)	37,524	499	115	500	117	484	113	48.5	11.5	7.2	1.5
Sophomore (2010-2011)	356	494	109	502	109	473	106	47.8	10.8	6.9	1.7
Freshman (2009-2010)	25	431	109	488	111	435	127	44.3	12.8	6.4	1.9
Total	112,554	492	107	490	109	475	105	47.4	10.7	7.1	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	560	560	540	570	600	560
50th	490	490	470	490	510	480
25th	420	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	1,815	1,776	3,591	2,513	1,190	3,703	1,136	1,475	2,611
600-690	7,478	7,711	15,189	8,809	6,783	15,592	5,100	6,982	12,082
500-590	15,609	19,500	35,109	16,078	17,685	33,763	13,036	17,338	30,374
400-490	17,081	21,584	38,665	15,678	22,533	38,211	19,023	23,191	42,214
300-390	7,647	8,971	16,618	6,642	10,674	17,316	10,738	10,404	21,142
200-290	1,720	1,662	3,382	1,630	2,339	3,969	2,317	1,814	4,131

### Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	93,845	87	45	55	488	486	469
Religiously Affiliated	10,226	9	50	50	519	516	513
Independent	4,193	4	55	45	529	552	529
Other or Unknown	4,290		46	54	481	457	459

### 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	6,363	6	470	107	463	108	448	102
Nonstandard Conditions	2,187	2	480	114	486	123	472	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	444	0	501	102	491	105	477	98
Asian, Asian American, or Pacific Islander	5,394	5	515	118	556	115	502	118
Black or African American	18,663	17	430	97	421	96	412	92
Mexican or Mexican American	2,593	2	450	103	456	100	437	95
Puerto Rican	4,947	4	467	98	457	100	451	94
Other Hispanic, Latino, or Latin American	23,372	21	482	105	478	106	468	103
White	50,801	45	523	97	520	99	504	98
Other	3,973	4	495	108	488	108	475	106
No Response	2,367	2	453	115	452	113	434	109
Total	112,554	100	492	107	490	109	475	105

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	216	0	498	104	501	110	463	98
Asian, Asian American, or Pacific Islander	2,559	2	517	120	572	117	496	120
Black or African American	8,088	7	426	99	428	100	400	92
Mexican or Mexican American	1,163	1	451	106	472	105	428	98
Puerto Rican	2,168	2	470	102	474	105	446	96
Other Hispanic, Latino, or Latin American	10,677	9	483	109	494	110	461	105
White	23,526	21	525	100	537	102	496	99
Other	1,713	2	498	110	506	111	467	107
No Response	1,240	1	448	118	464	113	423	106
Total	51,350	46	494	110	506	113	467	107

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	228	0	504	99	481	100	490	96
Asian, Asian American, or Pacific Islander	2,835	3	513	116	542	112	508	116
Black or African American	10,575	9	433	96	415	92	420	90
Mexican or Mexican American	1,430	1	448	100	443	94	444	93
Puerto Rican	2,779	2	465	95	444	93	455	92
Other Hispanic, Latino, or Latin American	12,695	11	481	102	465	100	473	101
White	27,275	24	521	95	505	94	511	95
Other	2,260	2	493	106	475	103	480	105
No Response	1,127	1	459	112	439	112	447	110
Total	61,204	54	491	104	476	103	481	103

## Demographic Information

### SAT: Student Background Information and Characteristics

**Table 12: Student Background Information and Characteristics**

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	112,554	100	492	107	490	109	475	105
<b>First Language Learned</b>								
English	72,091	67	502	104	497	106	482	102
English and Another	20,658	19	475	104	472	107	460	103
Another Language	15,324	14	462	113	473	116	451	112
No Response	4,481		513	119	510	116	493	115
<b>Citizenship</b>								
U.S. Citizen / U.S. National	98,054	93	496	104	492	107	478	103
U.S. Permanent Resident or Refugee	6,005	6	450	113	459	114	438	111
Citizen of Another Country	1,718	2	454	112	505	123	451	110
Other, Unknown, or No Response	6,777		475	125	481	122	458	120
<b>Plans to Apply for Financial Aid</b>								
Yes	70,517	74	492	104	486	106	473	102
No	6,328	7	508	100	513	107	496	103
Don't Know	18,262	19	501	105	504	108	484	104
No Response	17,447		477	119	482	119	463	116
<b>Family Income</b>								
\$0 - \$20,000	8,469	18	438	103	431	100	419	97
\$20,000–\$40,000	9,927	21	472	99	466	100	453	94
\$40,000–\$60,000	7,347	15	493	98	486	100	472	94
\$60,000–\$80,000	5,784	12	503	95	497	98	481	93
\$80,000–\$100,000	4,607	10	511	96	508	99	491	95
\$100,000–\$120,000	3,653	8	520	96	520	100	502	97
\$120,000–\$140,000	1,850	4	520	96	523	100	504	99
\$140,000–\$160,000	1,420	3	527	98	528	101	510	99
\$160,000–\$200,000	1,643	3	530	95	531	101	513	99
More than \$200,000	2,749	6	547	101	555	106	540	103
No Response	65,105		493	109	492	111	477	107
<b>Highest Level of Parental Education</b>								
No High School Diploma	4,937	5	429	97	429	98	413	90
High School Diploma	32,164	33	473	98	468	99	453	94
Associate Degree	9,758	10	490	93	482	95	469	89
Bachelor's Degree	31,039	31	519	99	517	102	501	99
Graduate Degree	20,922	21	543	106	541	111	528	108
No Response	13,734		423	98	428	100	410	93
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	16,311	17	490	105	488	108	473	103
Yes, As a Sophomore or Younger	35,982	36	490	95	487	98	470	93
Yes, As a Junior and As a Sophomore or Younger	29,481	30	534	104	532	107	520	104
No	16,906	17	445	100	438	100	424	94
No Response	13,874		468	117	473	117	453	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 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	12,746	33	43	57	574	584	560
Second Tenth	10,272	27	46	54	510	515	493
Second Fifth	6,869	18	49	51	483	484	465
Final Three Fifths	8,165	21	47	53	437	431	418
No Response	74,502		46	54	482	477	464

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)	5,870	6	39	61	578	581	565
A (93–96)	19,649	19	38	62	544	547	531
A- (90–92)	19,045	19	41	59	517	520	503
B (80–89)	47,788	47	48	52	466	462	447
C (70–79)	9,766	10	58	42	419	410	398
D, E, or F (below 70)	259	0	63	37	421	410	393
No Response	10,177		49	51	487	480	464
<b>Mean Grade Point Average</b>	<b>All Students: 3.35</b>		<b>Male: 3.26</b>		<b>Female: 3.41</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	1.9	2.3	2.1	3.69	3.84	3.78
English and Language Arts	3.8	3.8	3.8	3.28	3.51	3.41
Foreign and Classical Languages	2.4	2.6	2.5	3.25	3.48	3.38
Mathematics	4.0	4.0	4.0	3.13	3.12	3.12
Natural Sciences	3.5	3.5	3.5	3.24	3.29	3.27
Social Sciences and History	3.5	3.5	3.5	3.36	3.40	3.38
<b>Total for All Subjects</b>	<b>19.1</b>	<b>19.7</b>	<b>19.4</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

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	10,081	11	44	56	521	520	505
4 Years	60,399	67	45	55	504	500	485
3 Years	14,477	16	42	58	464	459	447
2 Years	2,461	3	47	53	459	461	442
1 Year	1,035	1	48	52	433	437	416
1/2 Year or Less	1,181	1	51	49	400	404	381
No Response	22,920		50	50	477	480	461
AP®/Honors Courses	53,144	59	40	60	533	527	514
<b>Course Work or Experience</b>							
English/Language Arts	81,751	97	44	56	498	493	480
Journalism	10,723	13	28	72	502	483	487
Creative Writing	14,832	18	37	63	489	473	474
American Literature	39,532	47	43	57	507	500	490
Composition/Writing	32,355	38	41	59	504	496	487
British Literature	14,134	17	45	55	515	505	498
World Literature	18,108	22	44	56	511	502	494
Communications	6,334	8	42	58	491	486	475
Public Speaking	12,353	15	40	60	517	508	501
English As Second Language	4,669	6	42	58	422	440	414

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	21,298	24	45	55	537	552	520
4 Years	50,643	57	44	56	493	484	475
3 Years	13,246	15	42	58	461	450	444
2 Years	2,066	2	49	51	453	450	436
1 Year	893	1	48	52	434	437	415
1/2 Year or Less	1,405	2	46	54	404	397	386
No Response	23,003		50	50	477	480	462
AP/Honors Courses	44,464	50	44	56	538	547	520
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	20,944	24	48	52	564	586	548
Pre-calculus	22,235	25	43	57	507	506	489
Geometry	41,496	48	42	58	459	442	440
Algebra II	1,346	2	47	53	470	457	451
Algebra I	297	0	51	49	412	388	390

\*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	12,700	14	45	55	538	545	521	
4 Years	38,826	44	45	55	511	506	493	
3 Years	26,977	31	43	57	472	464	454	
2 Years	4,820	5	48	52	468	466	449	
1 Year	2,217	3	45	55	454	454	435	
1/2 Year or Less	2,493	3	45	55	417	415	400	
No Response	24,521		50	50	476	478	460	
AP/Honors Courses	44,539	51	42	58	538	539	519	
<b>Course Work or Experience</b>								
Biology	81,865	96	44	56	498	494	480	
Chemistry	73,439	86	44	56	506	504	489	
Physics	36,719	43	50	50	520	527	502	
Geology, Earth, or Space Science	42,842	50	44	56	482	474	464	
Other Sciences	40,648	48	39	61	492	485	474	

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	9,900	11	45	55	537	535	519	
4 Years	42,334	48	45	55	511	505	493	
3 Years	26,197	29	43	57	477	474	459	
2 Years	6,991	8	46	54	462	463	445	
1 Year	1,862	2	46	54	438	440	422	
1/2 Year or Less	1,603	2	48	52	403	405	385	
No Response	23,667		50	50	476	479	460	
AP/Honors Courses	51,283	58	42	58	534	531	516	
<b>Course Work or Experience</b>								
U.S. History	78,659	93	44	56	499	495	481	
World History or Cultures	75,238	89	43	57	500	496	482	
U.S. Government or Civics	61,304	72	43	57	501	496	481	
Economics	59,481	70	42	58	498	494	479	
Geography	26,576	31	44	56	504	500	486	
Psychology	34,741	41	36	64	524	515	506	
European History	12,981	15	45	55	549	539	530	
Sociology	9,646	11	35	65	508	494	488	
Ancient History	5,222	6	50	50	489	480	471	
Other Courses	12,813	15	40	60	514	507	496	

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	5,207	6	40	60	552	555	542	
4 Years	13,261	15	41	59	544	541	533	
3 Years	17,101	19	41	59	519	517	503	
2 Years	42,623	48	46	54	482	477	461	
1 Year	5,508	6	47	53	443	437	424	
1/2 Year or Less	4,947	6	49	51	411	408	391	
No Response	23,907		50	50	476	479	461	
AP/Honors Courses	22,015	25	39	61	552	552	539	
<b>Course Work or Experience</b>								
Chinese	1,459	2	48	52	518	526	498	
French	13,986	16	35	65	503	489	484	
German	1,584	2	52	48	514	499	485	
Greek	257	0	46	54	480	462	461	
Hebrew	336	0	46	54	490	489	481	
Italian	2,096	2	40	60	486	469	467	
Japanese	535	1	51	49	495	484	471	
Korean	162	0	44	56	419	427	401	
Latin	3,974	5	43	57	546	535	522	
Russian	285	0	47	53	451	440	432	
Spanish	63,593	75	45	55	497	495	481	
Other Languages	3,693	4	34	66	474	472	454	

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>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
<b>Years of Study</b>							
More Than 4 Years	6,656	8	37	63	522	514	503
4 Years	13,448	16	36	64	518	505	499
3 Years	11,412	13	37	63	498	489	480
2 Years	18,484	21	45	55	493	491	476
1 Year	21,500	25	49	51	492	494	474
1/2 Year or Less	14,978	17	52	48	471	473	453
No Response	26,076		51	49	479	482	464
AP/Honors Courses	11,318	13	36	64	551	543	534
<b>Course Work or Experience</b>							
Acting or Play Production	12,318	15	30	70	518	497	501
Art History or Appreciation	14,067	17	39	61	505	496	489
Dance	9,842	12	9	91	478	465	469
Drama: Study or Appreciation	14,655	18	28	72	501	483	485
Music: Study or Appreciation	10,325	13	45	55	518	506	500
Music Performance	26,443	32	43	57	514	506	495
Photography or Film	17,426	21	34	66	500	490	484
Studio Art and Design	17,079	21	36	64	507	500	490
None	17,680	22	58	42	477	483	458

<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	Writing
Computer Literacy	41,204	52	46	54	507	502	488
Computer Programming	13,598	17	56	44	491	495	471
Word Processing	37,637	47	44	56	510	504	491
Internet Activity	29,912	38	45	55	509	503	490
Using Computer Graphics	25,037	31	50	50	503	501	483
Creating Spreadsheets/Databases	21,258	27	46	54	513	511	495
None	20,818	26	38	62	486	482	470

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
7,255	18,556	7,008	635	648	629

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	819	11
2	2,894	40
3	2,609	36
4 or More	933	13

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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Literature	2,261	627	99	2,159	651	91	623	91	640	95
<b>History and Social Studies</b>										
U.S. History	2,900	668	94	2,813	655	81	647	86	647	87
World History	677	642	100	656	669	80	662	82	661	85
<b>Mathematics</b>										
Mathematics Level 1	2,723	623	93	2,613	616	89	635	85	612	93
Mathematics Level 2	3,453	687	87	3,364	651	88	691	72	647	88
<b>Science</b>										
Biology-E	757	641	95	731	644	87	646	87	632	92
Biology-M	1,134	673	82	1,105	654	78	670	79	650	81
Chemistry	1,766	667	94	1,729	652	88	687	76	648	89
Physics	1,001	671	91	980	653	92	703	70	639	89
<b>Foreign and Classical Languages</b>										
Chinese/Listening	76	739	98	75	578	128	668	85	579	127
French	235	627	117	219	641	93	629	90	642	97
French/Listening	37	609	112	35	607	74	600	80	596	89
German	12	614		11	596		581		595	
German/Listening	21	590		20	606		597		609	
Modern Hebrew	12	635		9	586		591		591	
Italian	30	701	103	29	609	76	576	106	614	75
Japanese/Listening	13	680		13	585		645		638	
Korean/Listening	15	774		14	551		665		562	
Latin	64	599	116	64	673	92	655	80	668	80
Spanish	1,184	699	103	1,162	621	90	621	89	625	94
Spanish/Listening	185	726	94	183	623	86	613	86	616	88

## 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	173	8	640	22	130	19
700-740	445	20	680	23	104	15
650-690	504	22	584	20	109	16
600-640	435	19	410	14	101	15
550-590	276	12	268	9	107	16
500-540	185	8	154	5	80	12
450-490	112	5	84	3	30	4
400-440	63	3	44	2	10	1
350-390	47	2	28	1	5	1
300-340	20	1	7	0	1	0
250-290	1	0	1	0		
200-240						
Total	2,261		2,900		677	
Mean	627		668		642	
SD	99		94		100	
75th percentile	700		740		720	
50th percentile	640		690		650	
25th percentile	570		620		570	

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	144	5	1,116	32	106	14	241	21	419	24	248	25
700-740	526	19	554	16	138	18	235	21	332	19	197	20
650-690	583	21	666	19	155	20	273	24	374	21	172	17
600-640	576	21	594	17	136	18	204	18	263	15	171	17
550-590	383	14	336	10	96	13	106	9	169	10	111	11
500-540	228	8	107	3	69	9	46	4	110	6	63	6
450-490	138	5	47	1	32	4	16	1	55	3	30	3
400-440	76	3	22	1	20	3	6	1	32	2	9	1
350-390	53	2	9	0	1	0	4	0	11	1		
300-340	15	1	2	0	2	0	3	0	1	0		
250-290	1	0			2	0						
200-240												
Total	2,723		3,453		757		1,134		1,766		1,001	
Mean	623		687		641		673		667		671	
SD	93		87		95		82		94		91	
75th percentile	690		760		720		740		740		740	
50th percentile	640		690		650		680		680		680	
25th percentile	570		630		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	54	71	44	19	7	19	2	17	1	5	5	42
700-740	7	9	32	14	3	8	2	17	3	14	1	8
650-690	3	4	33	14	3	8			1	5	1	8
600-640	6	8	27	11	6	16	2	17	4	19	1	8
550-590			39	17	6	16	3	25	3	14	1	8
500-540	1	1	27	11	5	14	1	8	5	24		
450-490	4	5	14	6	6	16	1	8	3	14		
400-440			15	6	1	3	1	8	1	5	1	8
350-390	1	1	4	2							1	8
300-340											1	8
250-290												
200-240												
Total	76		235		37		12		21		12	
Mean	739		627		609		614		590		635	
SD	98		117		112							
75th percentile	800		730		670				640			
50th percentile	780		630		590				560			
25th percentile	730		540		500				510			

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	12	40	4	31	14	93	9	14	536	45	111	60
700-740	7	23	3	23			9	14	195	16	27	15
650-690	3	10	1	8			4	6	144	12	13	7
600-640	5	17	3	23			5	8	103	9	12	6
550-590	1	3	1	8	1	7	14	22	87	7	8	4
500-540	1	3					9	14	57	5	6	3
450-490							7	11	32	3	6	3
400-440			1	8			7	11	18	2	1	1
350-390									8	1	1	1
300-340	1	3							3	0		
250-290									1	0		
200-240												
Total	30		13		15		64		1,184		185	
Mean	701		680		774		599		699		726	
SD	103						116		103		94	
75th percentile	790						710		780		790	
50th percentile	730						580		730		770	
25th percentile	640						500		640		690	



## 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	938	1	466	461	451
Architecture and Related Services	1,446	1	481	506	470
Area, Ethnic, Cultural and Gender Studies	90	0	542	486	503
Biological and Biomedical Sciences	6,144	6	525	521	507
Business Management, Marketing, and Related Support Services	10,761	11	485	494	471
Communication, Journalism and Related Programs	3,021	3	512	483	500
Computer and Information Sciences and Support Services	2,386	2	509	515	473
Construction Trades	38	0	442	450	414
Education	3,113	3	482	469	468
Engineering	7,920	8	524	557	499
Engineering Technologies/Technicians	1,374	1	461	489	439
English Language and Literature/Letters	1,042	1	573	502	546
Family and Consumer Sciences/Human Sciences	339	0	447	434	434
Foreign Languages, Literatures, and Linguistics	467	0	540	500	514
Health Professions and Related Clinical Services	22,504	23	482	481	470
History	769	1	544	496	503
Legal Professions and Studies	3,586	4	509	493	491
Liberal Arts and Sciences, General Studies, and Humanities	522	1	533	499	512
Library Science And Administration	10	0	532	455	474
Mathematics and Statistics	548	1	521	579	510
Mechanic and Repair Technologies/Technician	216	0	429	436	402
Military Technologies And Applied Sciences	765	1	480	481	451
Multi/Interdisciplinary Studies	404	0	575	561	555
Natural Resources and Conservation	383	0	505	494	483
Parks, Recreation, Leisure and Fitness Studies	957	1	440	454	425
Personal and Culinary Services	653	1	453	444	431
Philosophy and Religious Studies	215	0	519	491	491
Physical Sciences	1,097	1	546	555	521
Precision Production	5	0	508	486	454
Psychology	4,703	5	508	480	489
Public Administration and Social Services Professions	249	0	464	444	453
Security and Protective Services	3,459	4	447	444	429
Social Sciences	1,373	1	556	522	531
Theology and Religious Vocations	180	0	511	479	487
Transportation and Materials Moving	55	0	455	465	424
Visual and Performing Arts	7,565	8	498	477	480
Other	2,056	2	446	443	429
Undecided	5,328	6	517	520	500
<b>Degree-Level Goal</b>					
Certificate Program	1,139	1	430	427	412
Associate Degree	1,919	2	413	401	394
Bachelor's Degree	26,713	28	474	469	454
Master's Degree	28,688	30	501	500	484
Doctoral or Related Degree	24,647	26	521	519	506
Other	699	1	410	406	395
Undecided	12,625	13	493	488	473

## College Plans

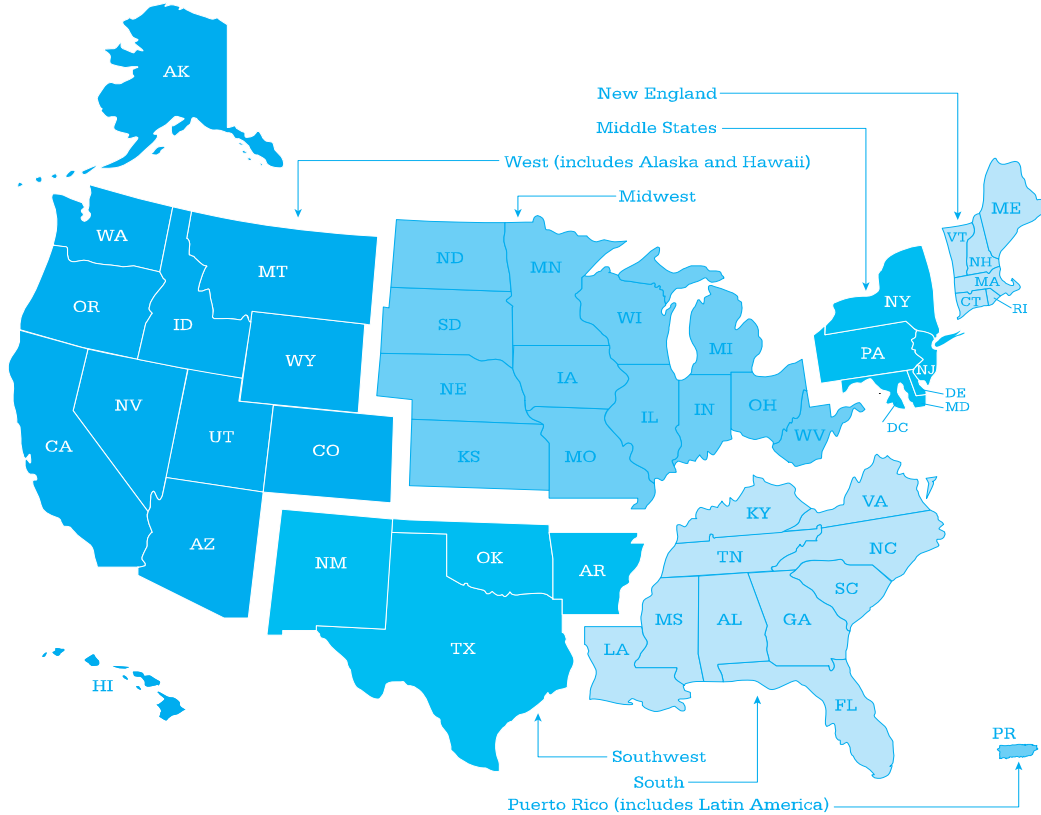
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 112,801 students from your state who took the SAT and/or an SAT Subject Test, 73,659 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 2,538 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY CENTRAL FLORIDA	FL	Public	28,065	38.1
FLORIDA STATE UNIVERSITY	FL	Public	26,481	36.0
UNIVERSITY OF FLORIDA	FL	Public	25,174	34.2
UNIVERSITY OF SOUTH FLORIDA	FL	Public	21,762	29.5
FLORIDA ATLANTIC UNIVERSITY	FL	Public	14,651	19.9
FLORIDA INTERNATIONAL UNIVERSITY	FL	Public	13,974	19.0
FLORIDA GULF COAST UNIVERSITY	FL	Public	9,293	12.6
UNIVERSITY OF MIAMI	FL	Private	8,769	11.9
UNIVERSITY OF NORTH FLORIDA	FL	Public	8,162	11.1
DUKE UNIVERSITY TIP	NC	Scholarship	5,483	7.4
UNIVERSITY OF WEST FLORIDA	FL	Public	4,253	5.8
MIAMI DADE COLLEGE	FL	Public	3,966	5.4
NCAA ELIGIBILITY CENTER	IN	Public	3,431	4.7
VALENCIA COLLEGE	FL	Public	3,023	4.1
STETSON UNIVERSITY	FL	Private	2,841	3.9
UNIVERSITY OF TAMPA	FL	Private	2,780	3.8
FLORIDA AGRICULTURAL MECHANICAL UNIVERSI	FL	Public	2,516	3.4
NOVA SOUTHEASTERN UNIVERSITY	FL	Private	2,448	3.3
DUKE UNIVERSITY	NC	Private	2,242	3.0
NEW YORK UNIVERSITY	NY	Private	2,112	2.9
UNIVERSITY OF ALABAMA TUSCALOOSA	AL	Public	2,052	2.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	2,008	2.7
BOSTON UNIVERSITY	MA	Private	1,860	2.5
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,860	2.5
VANDERBILT UNIVERSITY	TN	Private	1,815	2.5
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	1,735	2.4
FLAGLER COLLEGE	FL	Private	1,719	2.3
ROLLINS COLLEGE WINTER PARK	FL	Private	1,675	2.3
STANFORD UNIVERSITY	CA	Private	1,592	2.2
FLORIDA SOUTHERN COLLEGE	FL	Private	1,533	2.1
AUBURN UNIVERSITY	AL	Public	1,517	2.1
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	1,515	2.1
CORNELL UNIVERSITY	NY	Private	1,515	2.1
BARRY UNIVERSITY	FL	Private	1,447	2.0
YALE UNIVERSITY	CT	Private	1,447	2.0
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	1,438	2.0
PRINCETON UNIVERSITY	NJ	Private	1,432	1.9
HILLSBOROUGH COMMUNITY COLLEGE	FL	Public	1,342	1.8
SANTA FE COLLEGE FLORIDA	FL	Public	1,335	1.8
UNIVERSITY OF CHICAGO	IL	Private	1,326	1.8
EMORY UNIVERSITY	GA	Private	1,312	1.8
BETHUNE-COOKMAN UNIVERSITY	FL	Private	1,284	1.7
PALM BEACH STATE COLLEGE	FL	Public	1,284	1.7
TALLAHASSEE COMMUNITY COLLEGE	FL	Public	1,197	1.6
BROWARD COLLEGE	FL	Public	1,193	1.6

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

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866-392-4088  
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## Western Regional Office

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

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787-759-8629 (Fax - Reception area)  
787-764-4306 (Fax - Director's office)

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