



2011 College-Bound Seniors

# State Profile Report

TENNESSEE

## Included in This Report

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**SAT® Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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# The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2011* includes students who tested through June 2011.

## Using This Report

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

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

Keep in mind, however, that:

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

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

## Statistical Definitions

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

## The College Board: Inspiring Minds™

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

# Total Group Mean SAT Scores

## College-Bound Seniors, 1972–2011

<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

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

# Table of Contents

## SAT®

SAT Data	Page 1
----------	--------

---

Table 1: Overall Mean Scores
Table 2: Mean Scores by Gender
Table 3: Year in Which Seniors Last Took the SAT
Table 4: Mean Scores for Total Group
Table 5: Percentiles for State and Total Group
Table 6: Score Distributions
Table 7: Type of High School
Table 8: Test-Taking Conditions

## Demographic Information

SAT: Mean Scores by Gender Within Ethnicity	Page 3
---	--------

---

Table 9: Total Mean Scores by Ethnicity
Table 10: Male Mean Scores by Ethnicity
Table 11: Female Mean Scores by Ethnicity

SAT: Student Background Information and Characteristics	Page 4
---	--------

---

Table 12: Student Background Information and Characteristics
--

## Academic Information

Academic Record	Page 5
-----------------	--------

---

Table 13: High School Rank
Table 14: High School Grade Point Average
Table 15: Average Years of Study in Six Academic Subjects

Course-Taking Patterns	Page 6
------------------------	--------

---

Table 16: English and Language Arts, Mathematics
Table 17: Natural Sciences, Social Sciences and History
Table 18: Foreign and Classical Languages
Table 19: Arts and Music, Computers

## SAT Subject Tests™

SAT Subject Tests Data	Page 10
------------------------	---------

---

Table 20: Number of Test-Takers and Tests for SAT Subject Tests
Table 21: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT

SAT Subject Tests Score Distributions	Page 11
---------------------------------------	---------

---

Table 22: English, History and Social Studies
Table 23: Mathematics, Science
Table 24: Foreign and Classical Languages
Table 25: Foreign and Classical Languages (continued)

## College Plans

Intended College Major, Degree-Level Goal	Page 13
---	---------

---

Table 26: Intended College Major, Degree-Level Goal
---

Institutions That Received the Most SAT® Program Score Reports from Your Students	Page 14
---	---------

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

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

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	5,752	575	108	568	109	567	106	57.3	10.8	7.7	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	2,791	577	109	587	110	559	107	56.8	10.9	7.5	1.6
Female	2,961	573	107	550	105	575	104	57.8	10.8	7.9	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 (2010-2011)	3,205	569	114	559	113	559	111	56.5	11.3	7.6	1.5
Junior (2009-2010)	2,479	583	98	581	102	579	98	58.6	10.1	7.8	1.4
Sophomore (2008-2009)	63	509	100	530	111	499	96	51.7	9.7	6.5	1.5
Freshman (2007-2008)	5	528		492		484		50.4		6.2	
Total	5,752	575	108	568	109	567	106	57.3	10.8	7.7	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	1.6

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

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	650	650	640	570	600	560
50th	580	570	570	490	510	480
25th	500	490	500	420	430	410

**Table 6: Score Distributions**

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit [www.collegeboard.org/sat-skills](http://www.collegeboard.org/sat-skills).

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	380	374	754	450	229	679	270	398	668
600–690	905	893	1,798	967	849	1,816	784	851	1,635
500–590	902	995	1,897	810	977	1,787	979	1,053	2,032
400–490	442	537	979	412	685	1,097	579	518	1,097
300–390	137	143	280	129	190	319	149	135	284
200–290	25	19	44	23	31	54	30	6	36

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,711	50	46	54	577	570	565
Religiously Affiliated	1,070	20	46	54	568	552	560
Independent	1,626	30	54	46	588	591	589
Other or Unknown	345		50	50	516	496	504

**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	346	6	550	111	539	116	539	107
Nonstandard Conditions	132	2	579	97	587	104	586	96

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	23	0	575		564		552	
Asian, Asian American, or Pacific Islander	439	8	572	127	639	108	583	127
Black or African American	568	10	497	111	478	107	492	106
Mexican or Mexican American	60	1	527	97	522	115	513	104
Puerto Rican	17	0	575		549		551	
Other Hispanic, Latino, or Latin American	86	1	548	97	533	111	528	95
White	4,253	74	589	99	577	101	580	97
Other	160	3	556	121	560	113	561	118
No Response	146	3	510	111	494	102	502	106
Total	5,752	100	575	108	568	109	567	106

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	13	0	602		581		575	
Asian, Asian American, or Pacific Islander	211	4	571	126	652	104	572	127
Black or African American	256	4	503	108	496	114	488	108
Mexican or Mexican American	30	1	529	105	542	130	508	121
Puerto Rican	9	0	596		602		546	
Other Hispanic, Latino, or Latin American	42	1	559	101	567	103	539	100
White	2,089	36	591	100	595	102	570	99
Other	70	1	548	130	589	114	544	130
No Response	71	1	494	122	501	109	480	115
Total	2,791	49	577	109	587	110	559	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	10	0	540		542		522	
Asian, Asian American, or Pacific Islander	228	4	573	127	627	110	593	127
Black or African American	312	5	492	113	462	99	494	104
Mexican or Mexican American	30	1	525	88	501	93	518	83
Puerto Rican	8	0	553		490		556	
Other Hispanic, Latino, or Latin American	44	1	538	92	501	109	518	89
White	2,164	38	588	98	559	96	589	95
Other	90	2	561	114	538	107	575	106
No Response	75	1	525	97	488	93	523	92
Total	2,961	51	573	107	550	105	575	104

## 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	5,752	100	575	108	568	109	567	106
<b>First Language Learned</b>								
English	4,974	88	580	104	567	107	571	103
English and Another	351	6	557	122	569	123	559	117
Another Language	317	6	528	124	608	120	540	126
No Response	110		511	130	504	114	495	113
<b>Citizenship</b>								
U.S. Citizen / U.S. National	5,288	95	581	104	568	108	572	103
U.S. Permanent Resident or Refugee	109	2	564	126	606	116	581	127
Citizen of Another Country	171	3	486	121	595	122	501	125
Other, Unknown, or No Response	184		490	117	518	120	492	110
<b>Plans to Apply for Financial Aid</b>								
Yes	3,487	72	576	109	564	112	566	107
No	453	9	571	101	572	101	568	101
Don't Know	911	19	573	106	579	109	571	106
No Response	901		574	108	570	104	567	105
<b>Family Income</b>								
\$0 - \$20,000	193	6	492	125	493	123	490	118
\$20,000–\$40,000	347	10	530	112	519	110	519	104
\$40,000–\$60,000	417	12	552	108	542	116	542	104
\$60,000–\$80,000	433	13	560	109	552	107	555	106
\$80,000–\$100,000	454	13	578	105	568	105	564	101
\$100,000–\$120,000	401	12	587	100	567	106	567	95
\$120,000–\$140,000	216	6	597	104	586	106	584	106
\$140,000–\$160,000	176	5	594	100	577	96	582	93
\$160,000–\$200,000	195	6	583	100	582	99	577	95
More than \$200,000	550	16	598	91	601	96	596	97
No Response	2,370		582	107	578	107	578	105
<b>Highest Level of Parental Education</b>								
No High School Diploma	45	1	459	93	476	97	453	98
High School Diploma	789	14	526	110	519	113	519	106
Associate Degree	252	5	544	108	520	111	528	102
Bachelor's Degree	2,039	37	571	102	566	103	563	98
Graduate Degree	2,339	43	607	99	599	102	600	100
No Response	288		513	110	523	105	508	103
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	1,189	23	578	103	572	108	568	100
Yes, As a Sophomore or Younger	1,002	19	561	99	553	102	552	97
Yes, As a Junior and As a Sophomore or Younger	2,309	44	610	97	603	99	605	96
No	767	15	500	106	490	107	491	101
No Response	485		544	113	543	104	535	107

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	1,443	53	47	53	623	623	617
Second Tenth	694	25	51	49	566	564	556
Second Fifth	342	13	49	51	537	521	526
Final Three Fifths	248	9	56	44	486	474	480
No Response	3,025		48	52	565	556	558

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)	962	17	43	57	637	632	631
A (93–96)	1,736	31	42	58	599	596	594
A- (90–92)	1,124	20	52	48	581	573	570
B (80–89)	1,551	28	54	46	523	512	514
C (70–79)	153	3	67	33	463	457	454
D, E, or F (below 70)	9	0	44	56	537	514	502
No Response	217		53	47	516	520	511
<b>Mean Grade Point Average</b>	<b>All Students: 3.69</b>		<b>Male: 3.62</b>		<b>Female: 3.75</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	2.3	2.6	2.4	3.86	3.94	3.90
English and Language Arts	4.0	4.0	4.0	3.61	3.75	3.68
Foreign and Classical Languages	3.0	3.1	3.1	3.52	3.69	3.61
Mathematics	4.1	4.1	4.1	3.55	3.56	3.56
Natural Sciences	3.8	3.7	3.7	3.60	3.63	3.61
Social Sciences and History	3.5	3.5	3.5	3.63	3.71	3.67
<b>Total for All Subjects</b>	<b>20.7</b>	<b>21.0</b>	<b>20.8</b>			

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

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

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	543	11	51	49	583	576	572
4 Years	3,760	79	48	52	581	573	574
3 Years	354	7	45	55	539	525	527
2 Years	60	1	42	58	525	538	523
1 Year	18	0	44	56	496	533	508
1/2 Year or Less	12	0	42	58	512	508	500
No Response	1,005		51	49	565	563	558
AP®/Honors Courses	3,020	64	44	56	609	595	600
<b>Course Work or Experience</b>							
English/Language Arts	4,342	96	48	52	577	568	569
Journalism	465	10	33	67	581	549	578
Creative Writing	1,020	23	42	58	566	544	558
American Literature	2,997	67	48	52	585	573	577
Composition/Writing	2,282	51	47	53	572	558	564
British Literature	1,721	38	45	55	595	582	588
World Literature	1,615	36	49	51	588	575	578
Communications	269	6	51	49	549	535	539
Public Speaking	984	22	49	51	573	555	563
English As Second Language	164	4	52	48	478	554	493

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	1,312	28	50	50	603	614	595
4 Years	2,799	59	48	52	575	564	568
3 Years	559	12	43	57	534	498	522
2 Years	46	1	57	43	494	511	498
1 Year	16	0	31	69	488	522	501
1/2 Year or Less	16	0	31	69	543	529	527
No Response	1,004		51	49	565	563	558
AP/Honors Courses	2,822	59	48	52	610	613	602
<b>Highest Level of Mathematics Achieved*</b>							
Calculus	1,822	39	52	48	621	637	614
Pre-calculus	1,486	32	46	54	572	560	565
Trigonometry	401	9	43	57	537	511	524
Algebra II	863	19	44	56	518	474	510
Algebra I	54	1	46	54	451	433	446

\*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	786	17	51	49	607	615	595	
4 Years	2,375	50	49	51	588	580	580	
3 Years	1,247	26	45	55	551	533	544	
2 Years	205	4	48	52	523	513	519	
1 Year	64	1	41	59	535	524	524	
1/2 Year or Less	32	1	41	59	521	527	520	
No Response	1,043		51	49	564	562	557	
AP/Honors Courses	2,740	58	47	53	612	610	603	
<b>Course Work or Experience</b>								
Biology	4,461	98	48	52	577	569	570	
Chemistry	4,354	96	48	52	580	573	573	
Physics	2,583	57	53	47	594	597	585	
Geology, Earth, or Space Science	1,172	26	48	52	551	533	542	
Other Sciences	1,818	40	42	58	565	549	557	

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	475	10	50	50	609	595	592	
4 Years	2,089	44	48	52	585	572	578	
3 Years	1,726	37	48	52	569	566	563	
2 Years	346	7	49	51	540	541	530	
1 Year	65	1	48	52	529	543	531	
1/2 Year or Less	17	0	35	65	498	497	488	
No Response	1,034		51	49	563	562	557	
AP/Honors Courses	2,695	57	46	54	615	604	605	
<b>Course Work or Experience</b>								
U.S. History	4,316	95	48	52	579	570	572	
World History or Cultures	3,215	71	46	54	579	568	571	
U.S. Government or Civics	2,918	64	46	54	577	567	569	
Economics	2,595	57	47	53	574	566	565	
Geography	1,421	31	47	53	549	542	541	
Psychology	1,114	24	37	63	586	566	574	
European History	1,364	30	52	48	610	594	600	
Sociology	372	8	36	64	552	528	539	
Ancient History	859	19	52	48	589	573	576	
Other Courses	627	14	42	58	578	567	573	

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	463	10	43	57	622	614	618
4 Years	1,259	27	46	54	613	604	610
3 Years	1,368	29	49	51	583	577	575
2 Years	1,425	30	50	50	536	525	524
1 Year	156	3	49	51	518	522	505
1/2 Year or Less	60	1	55	45	456	479	445
No Response	1,021		51	49	564	563	557
AP/Honors Courses	1,937	41	43	57	618	610	612
<b>Course Work or Experience</b>							
Chinese	123	3	54	46	598	632	585
French	839	18	39	61	588	566	577
German	258	6	66	34	604	594	582
Greek	42	1	74	26	596	590	580
Hebrew	25	1	44	56	587	543	572
Italian	22	0	55	45	552	532	538
Japanese	38	1	47	53	567	539	538
Korean	17	0	29	71	475	574	493
Latin	873	19	54	46	613	606	604
Russian	23	1	39	61	517	536	504
Spanish	2,917	64	47	53	564	558	560
Other Languages	81	2	44	56	502	527	511

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	404	9	46	54	597	585	589	
4 Years	959	20	39	61	589	570	584	
3 Years	713	15	41	59	577	562	573	
2 Years	1,023	22	49	51	571	563	560	
1 Year	1,320	28	57	43	576	581	568	
1/2 Year or Less	273	6	54	46	532	534	522	
No Response	1,060		51	49	564	562	556	
AP/Honors Courses	707	15	38	62	617	593	610	
<b>Course Work or Experience</b>								
Acting or Play Production	1,088	24	43	57	593	565	586	
Art History or Appreciation	1,001	22	45	55	576	562	571	
Dance	522	12	14	86	569	549	575	
Drama: Study or Appreciation	978	22	42	58	578	555	572	
Music: Study or Appreciation	907	20	51	49	588	570	582	
Music Performance	2,041	46	46	54	591	578	584	
Photography or Film	750	17	40	60	576	556	571	
Studio Art and Design	1,250	28	41	59	590	578	584	
None	317	7	60	40	527	540	519	

<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	2,590	61	49	51	576	567	567
Computer Programming	582	14	61	39	567	577	557
Word Processing	2,425	57	47	53	579	566	570
Internet Activity	1,789	42	48	52	578	566	569
Using Computer Graphics	1,130	27	49	51	573	563	564
Creating Spreadsheets/Databases	1,303	31	48	52	578	572	573
None	889	21	42	58	582	575	580

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

## 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
1,420	3,734	1,214	658	666	657

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	124	9
2	561	40
3	531	37
4 or More	204	14

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
<b>English</b>											
Literature	530	662	79	458	679	75	646	80	672	77	
<b>History and Social Studies</b>											
U.S. History	694	674	81	614	673	74	660	79	671	78	
World History	72	664	104	62	679	90	650	107	668	97	
<b>Mathematics</b>											
Mathematics Level 1	398	642	85	323	638	93	648	78	640	92	
Mathematics Level 2	743	694	86	653	660	87	699	71	663	87	
<b>Science</b>											
Biology-E	147	655	90	122	665	85	673	73	664	91	
Biology-M	165	682	73	143	680	78	677	75	682	74	
Chemistry	417	672	93	372	667	82	705	62	669	85	
Physics	230	671	86	205	656	87	710	65	654	93	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	22	717		20	615		682		625		
French	54	594	115	50	690	90	649	79	677	74	
French/Listening	16	694		16	709		662		697		
German	4			4							
German/Listening	4			4							
Modern Hebrew											
Italian											
Japanese/Listening	6	627		5	554		696		620		
Korean/Listening	12	774		10	568		652		588		
Latin	71	626	92	65	670	73	679	61	671	80	
Spanish	132	627	108	121	663	74	663	72	672	79	
Spanish/Listening	17	651		17	705		659		705		

## 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	73	14	146	21	20	28
700-740	138	26	176	25	13	18
650-690	125	24	148	21	9	13
600-640	98	18	111	16	13	18
550-590	54	10	55	8	9	13
500-540	26	5	36	5	1	1
450-490	8	2	16	2	5	7
400-440	5	1	6	1	1	1
350-390	2	0			1	1
300-340	1	0				
250-290						
200-240						
Total	530		694		72	
Mean	662		674		664	
SD	79		81		104	
75th percentile	720		730		750	
50th percentile	670		690		680	
25th percentile	620		620		600	

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	37	9	265	36	20	14	29	18	113	27	55	24
700-740	89	22	126	17	38	26	57	35	77	18	37	16
650-690	93	23	135	18	26	18	35	21	80	19	47	20
600-640	72	18	110	15	32	22	20	12	65	16	50	22
550-590	53	13	67	9	13	9	17	10	31	7	26	11
500-540	37	9	32	4	10	7	3	2	33	8	7	3
450-490	7	2	6	1	1	1	4	2	9	2	6	3
400-440	6	2	2	0	4	3			8	2	2	1
350-390	3	1			3	2			1	0		
300-340	1	0										
250-290												
200-240												
Total	398		743		147		165		417		230	
Mean	642		694		655		682		672		671	
SD	85		86		90		73		93		86	
75th percentile	710		770		720		730		750		740	
50th percentile	660		710		670		700		680		670	
25th percentile	590		630		600		640		620		610	

## SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	14	64	5	9	5	31	1	25	1	25		
700-740	1	5	6	11	4	25						
650-690	2	9	8	15	1	6						
600-640	1	5	7	13	3	19	1	25				
550-590			11	20	2	13			1	25		
500-540	3	14	7	13	1	6	1	25	1	25		
450-490	1	5	4	7					1	25		
400-440			4	7								
350-390							1	25				
300-340			2	4								
250-290												
200-240												
Total	22		54		16		4		4			
Mean	717		594		694							
SD			115									
75th percentile	790		680									
50th percentile	770		590									
25th percentile	630		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			1	17	10	83	5	7	21	16	3	18
700-740			2	33	1	8	13	18	23	17	2	12
650-690			1	17			14	20	21	16	4	24
600-640							10	14	17	13	4	24
550-590			1	17	1	8	14	20	21	16	3	18
500-540							8	11	11	8		
450-490							5	7	9	7	1	6
400-440							2	3	7	5		
350-390									2	2		
300-340			1	17								
250-290												
200-240												
Total			6		12		71		132		17	
Mean			627		774		626		627		651	
SD							92		108			
75th percentile							690		710			
50th percentile							630		640			
25th percentile							550		550			



## College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	26	1	575	565	560
Architecture and Related Services	94	2	553	564	544
Area, Ethnic, Cultural and Gender Studies	8	0	610	530	601
Biological and Biomedical Sciences	388	8	592	591	586
Business Management, Marketing, and Related Support Services	465	9	547	559	548
Communication, Journalism and Related Programs	151	3	583	538	581
Computer and Information Sciences and Support Services	90	2	591	597	568
Construction Trades	1	0			
Education	160	3	549	531	553
Engineering	542	11	594	629	574
Engineering Technologies/Technicians	50	1	528	554	504
English Language and Literature/Letters	135	3	650	576	645
Family and Consumer Sciences/Human Sciences	7	0	533	494	557
Foreign Languages, Literatures, and Linguistics	74	1	622	593	625
Health Professions and Related Clinical Services	1,009	20	559	556	557
History	75	1	604	564	581
Legal Professions and Studies	160	3	580	556	569
Liberal Arts and Sciences, General Studies, and Humanities	73	1	643	572	616
Library Science And Administration					
Mathematics and Statistics	56	1	590	664	603
Mechanic and Repair Technologies/Technician					
Military Technologies And Applied Sciences	5	0	512	498	474
Multi/Interdisciplinary Studies	11	0	681	655	649
Natural Resources and Conservation	28	1	577	542	558
Parks, Recreation, Leisure and Fitness Studies	27	1	499	511	493
Personal and Culinary Services	7	0	540	514	531
Philosophy and Religious Studies	25	0	630	598	614
Physical Sciences	83	2	629	638	609
Precision Production					
Psychology	188	4	572	531	562
Public Administration and Social Services Professions	16	0	569	524	578
Security and Protective Services	39	1	531	486	517
Social Sciences	137	3	640	603	617
Theology and Religious Vocations	20	0	570	555	545
Transportation and Materials Moving					
Visual and Performing Arts	374	7	578	547	576
Other	48	1	541	538	535
Undecided	457	9	601	592	594
<b>Degree-Level Goal</b>					
Certificate Program	21	0	547	529	518
Associate Degree	16	0	446	408	427
Bachelor's Degree	1,164	23	534	521	525
Master's Degree	1,434	29	578	573	572
Doctoral or Related Degree	1,670	33	602	595	593
Other	12	0	471	488	498
Undecided	691	14	582	580	579

## College Plans

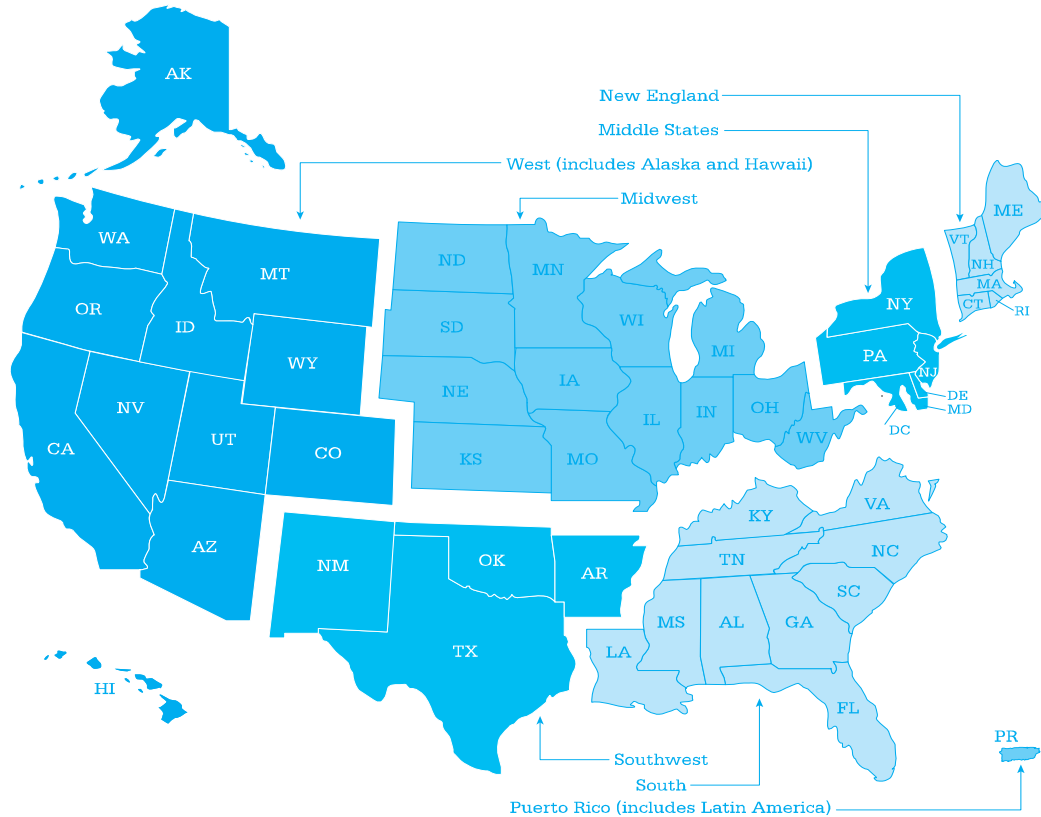
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 5,958 students from your state who took the SAT and/or an SAT Subject Test, 3,924 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 1,017 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF TENNESSEE KNOXVILLE	TN	Public	1,310	33.4
VANDERBILT UNIVERSITY	TN	Private	919	23.4
DUKE UNIVERSITY TIP	NC	Scholarship	570	14.5
UNIVERSITY OF TENNESSEE AT CHATTANOOGA	TN	Public	377	9.6
AUBURN UNIVERSITY	AL	Public	373	9.5
MIDDLE TENNESSEE STATE UNIVERSITY	TN	Public	348	8.9
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	305	7.8
DUKE UNIVERSITY	NC	Private	294	7.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	289	7.4
BELMONT UNIVERSITY	TN	Private	277	7.1
WASHINGTON UNIVERSITY	MO	Private	270	6.9
UNIVERSITY OF ALABAMA TUSCALOOSA	AL	Public	265	6.8
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	258	6.6
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	251	6.4
PRINCETON UNIVERSITY	NJ	Private	230	5.9
EMORY UNIVERSITY	GA	Private	229	5.8
UNIVERSITY OF GEORGIA	GA	Public	220	5.6
UNIVERSITY OF VIRGINIA	VA	Public	217	5.5
TENNESSEE TECHNOLOGICAL UNIVERSITY	TN	Public	213	5.4
STANFORD UNIVERSITY	CA	Private	209	5.3
RHODES COLLEGE	TN	Private	205	5.2
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	199	5.1
YALE UNIVERSITY	CT	Private	196	5.0
UNIVERSITY OF MISSISSIPPI	MS	Public	194	4.9
NCAA ELIGIBILITY CENTER	IN	Public	186	4.7
TULANE UNIVERSITY	LA	Private	178	4.5
UNIVERSITY OF MEMPHIS	TN	Public	177	4.5
NORTHWESTERN UNIVERSITY	IL	Private	176	4.5
BROWN UNIVERSITY	RI	Private	168	4.3
NEW YORK UNIVERSITY	NY	Private	165	4.2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	157	4.0
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	155	4.0
UNIVERSITY OF THE SOUTH	TN	Private	154	3.9
CLEMSON UNIVERSITY	SC	Public	151	3.8
EAST TENNESSEE STATE UNIVERSITY	TN	Public	150	3.8
FURMAN UNIVERSITY	SC	Private	146	3.7
BOSTON UNIVERSITY	MA	Private	144	3.7
CORNELL UNIVERSITY	NY	Private	140	3.6
DARTMOUTH COLLEGE	NH	Private	137	3.5
UNIVERSITY OF CHICAGO	IL	Private	134	3.4
SAMFORD UNIVERSITY	AL	Private	132	3.4
GEORGETOWN UNIVERSITY	DC	Private	131	3.3
WAKE FOREST UNIVERSITY	NC	Private	120	3.1
MISSISSIPPI STATE UNIVERSITY	MS	Public	113	2.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	112	2.9

\*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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