



2011 College-Bound Seniors

# State Profile Report

KANSAS

## 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>.

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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	2,093	580	116	591	105	563	110	56.9	11.3	7.6	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	983	581	119	608	106	554	111	56.3	11.5	7.4	1.6
Female	1,110	579	112	576	102	570	108	57.5	11.1	7.8	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)	1,090	571	125	585	108	557	117	56.4	12.0	7.6	1.6
Junior (2009-2010)	975	591	103	599	100	570	100	57.7	10.3	7.7	1.4
Sophomore (2008-2009)	23	520		530		490		49.8		7.0	
Freshman (2007-2008)	5	504		490		474		46.8		7.4	
Total	2,093	580	116	591	105	563	110	56.9	11.3	7.6	1.5

Table 4: Mean Scores for Total Group

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	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.

## SAT Data

**Table 5: Percentiles for State and Total Group**

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	670	670	640	570	600	560
50th	590	600	570	490	510	480
25th	500	520	490	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	177	156	333	211	117	328	103	145	248
600–690	308	366	674	366	385	751	264	319	583
500–590	273	330	603	261	373	634	309	395	704
400–490	153	189	342	113	190	303	228	177	405
300–390	60	56	116	29	38	67	71	65	136
200–290	12	13	25	3	7	10	8	9	17

**Table 7: Type of High School**

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,560	80	45	55	590	598	569
Religiously Affiliated	294	15	53	47	549	580	543
Independent	96	5	51	49	583	596	583
Other or Unknown	143		50	50	535	534	522

**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	99	5	536	120	546	108	514	108
Nonstandard Conditions	20	1	554		552		561	

## 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	16	1	555		568		529	
Asian, Asian American, or Pacific Islander	241	12	524	140	624	108	535	128
Black or African American	93	4	507	124	514	118	490	123
Mexican or Mexican American	56	3	524	108	532	104	498	106
Puerto Rican	7	0	463		476		471	
Other Hispanic, Latino, or Latin American	33	2	555	109	571	95	534	95
White	1,545	74	597	105	596	100	576	101
Other	53	3	570	131	564	114	550	125
No Response	49	2	563	121	566	95	540	121
Total	2,093	100	580	116	591	105	563	110

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	12	1	590		594		543	
Asian, Asian American, or Pacific Islander	125	6	520	144	640	107	531	136
Black or African American	33	2	518	126	522	116	485	123
Mexican or Mexican American	23	1	540		552		491	
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	14	1	546		579		521	
White	728	35	598	108	612	101	566	103
Other	22	1	571		580		521	
No Response	23	1	551		572		527	
Total	983	47	581	119	608	106	554	111

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	4	0						
Asian, Asian American, or Pacific Islander	116	6	530	134	606	105	539	119
Black or African American	60	3	501	123	510	119	493	123
Mexican or Mexican American	33	2	513	96	518	90	502	94
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	19	1	562		565		543	
White	817	39	596	101	581	97	585	98
Other	31	1	569	114	553	111	570	135
No Response	26	1	573	138	560	96	552	129
Total	1,110	53	579	112	576	102	570	108

## Demographic Information

### SAT: Student Background Information and Characteristics

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

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	2,093	100	580	116	591	105	563	110
<b>First Language Learned</b>								
English	1,742	84	592	108	589	104	571	105
English and Another	136	7	553	113	583	116	539	115
Another Language	186	9	483	136	611	104	499	120
No Response	29		586	123	609	100	574	130
<b>Citizenship</b>								
U.S. Citizen / U.S. National	1,903	94	591	108	590	104	570	106
U.S. Permanent Resident or Refugee	49	2	540	133	618	120	546	129
Citizen of Another Country	79	4	426	116	599	109	462	103
Other, Unknown, or No Response	62		473	129	577	112	479	105
<b>Plans to Apply for Financial Aid</b>								
Yes	1,336	73	588	112	591	106	568	107
No	157	9	568	113	594	105	559	113
Don't Know	348	19	553	123	585	108	543	115
No Response	252		583	121	600	98	564	112
<b>Family Income</b>								
\$0 - \$20,000	59	5	516	116	546	99	496	97
\$20,000–\$40,000	132	10	541	106	551	107	518	103
\$40,000–\$60,000	171	13	570	114	577	109	548	114
\$60,000–\$80,000	168	13	572	111	567	113	557	109
\$80,000–\$100,000	181	14	599	123	604	107	567	108
\$100,000–\$120,000	165	13	597	110	600	93	565	93
\$120,000–\$140,000	85	7	611	96	625	91	590	99
\$140,000–\$160,000	68	5	601	108	603	101	578	105
\$160,000–\$200,000	74	6	561	99	586	96	555	103
More than \$200,000	198	15	591	105	610	99	588	101
No Response	792		581	120	595	104	568	114
<b>Highest Level of Parental Education</b>								
No High School Diploma	20	1	471		578		456	
High School Diploma	266	13	515	125	535	108	504	116
Associate Degree	76	4	518	95	542	107	505	91
Bachelor's Degree	743	37	583	112	589	101	562	104
Graduate Degree	902	45	611	103	616	99	593	102
No Response	86		512	117	566	97	499	102
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	549	28	574	118	590	98	558	108
Yes, As a Sophomore or Younger	337	17	565	97	570	94	538	92
Yes, As a Junior and As a Sophomore or Younger	762	39	631	95	634	94	614	93
No	313	16	500	106	516	104	486	102
No Response	132		535	132	575	102	530	119

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	734	54	44	56	644	655	628
Second Tenth	328	24	50	50	575	586	559
Second Fifth	158	12	48	52	542	555	527
Final Three Fifths	135	10	55	45	488	507	469
No Response	738		47	53	543	553	524

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)	318	16	44	56	650	659	634
A (93–96)	712	35	43	57	615	630	603
A- (90–92)	407	20	46	54	570	584	550
B (80–89)	522	26	52	48	515	525	494
C (70–79)	65	3	62	38	475	454	438
D, E, or F (below 70)	6	0	100	0	560	588	563
No Response	63		51	49	544	540	523
<b>Mean Grade Point Average</b>	<b>All Students: 3.69</b>		<b>Male: 3.63</b>		<b>Female: 3.74</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	2.6	3.1	2.8	3.86	3.94	3.90
English and Language Arts	4.0	4.0	4.0	3.57	3.76	3.67
Foreign and Classical Languages	2.9	3.1	3.0	3.55	3.70	3.63
Mathematics	4.0	4.0	4.0	3.54	3.51	3.52
Natural Sciences	3.8	3.7	3.7	3.61	3.62	3.61
Social Sciences and History	3.6	3.7	3.6	3.66	3.70	3.68
<b>Total for All Subjects</b>	<b>20.9</b>	<b>21.6</b>	<b>21.1</b>			

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

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

<b>English and Language Arts</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	216	12		50	50	579	603	565
4 Years	1,398	78		46	54	590	596	571
3 Years	137	8		40	60	531	548	517
2 Years	28	2		57	43	508	534	494
1 Year	7	0		57	43	483	623	486
1/2 Year or Less	9	1		56	44	447	524	463
No Response	298			52	48	567	583	553
AP®/Honors Courses	1,072	60		41	59	623	621	605
<b>Course Work or Experience</b>								
English/Language Arts	1,665	97		46	54	584	591	566
Journalism	357	21		32	68	592	580	578
Creative Writing	411	24		36	64	574	566	565
American Literature	1,040	60		44	56	589	592	574
Composition/Writing	909	53		45	55	586	587	570
British Literature	408	24		44	56	611	601	593
World Literature	552	32		41	59	593	591	577
Communications	440	26		42	58	569	577	553
Public Speaking	597	35		41	59	590	594	575
English As Second Language	91	5		52	48	452	583	476

<b>Mathematics</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	372	21		55	45	608	642	588
4 Years	1,126	63		45	55	586	592	568
3 Years	246	14		38	62	541	532	526
2 Years	35	2		54	46	511	504	483
1 Year	11	1		55	45	516	585	535
1/2 Year or Less	8	0		50	50	495	544	505
No Response	295			52	48	566	583	554
AP/Honors Courses	1,001	56		46	54	623	642	606
<b>Highest Level of Mathematics Achieved*</b>								
Calculus	827	47		50	50	626	655	610
Pre-calculus	448	25		42	58	574	578	555
Trigonometry	118	7		48	52	530	543	522
Algebra II	323	18		41	59	509	491	489
Algebra I	40	2		48	53	508	425	469

\*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	289	16	53	47	617	642	597	
4 Years	909	51	46	54	590	599	571	
3 Years	479	27	41	59	562	562	546	
2 Years	75	4	55	45	519	527	500	
1 Year	24	1	33	67	541	577	540	
1/2 Year or Less	16	1	44	56	486	528	474	
No Response	301		51	49	566	584	554	
AP/Honors Courses	833	46	47	53	630	644	610	
<b>Course Work or Experience</b>								
Biology	1,695	98	46	54	584	592	565	
Chemistry	1,606	93	47	53	587	598	569	
Physics	1,171	68	50	50	601	620	582	
Geology, Earth, or Space Science	542	31	46	54	543	546	526	
Other Sciences	657	38	42	58	573	571	552	

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	169	9	46	54	590	605	570	
4 Years	975	54	46	54	588	592	570	
3 Years	525	29	46	54	583	595	564	
2 Years	103	6	51	49	527	561	508	
1 Year	13	1	46	54	515	606	518	
1/2 Year or Less	9	1	44	56	462	520	476	
No Response	299		52	48	566	585	553	
AP/Honors Courses	952	53	45	55	630	630	610	
<b>Course Work or Experience</b>								
U.S. History	1,652	96	46	54	584	593	566	
World History or Cultures	1,214	70	46	54	577	586	558	
U.S. Government or Civics	1,295	75	45	55	586	596	570	
Economics	394	23	50	50	572	593	558	
Geography	615	36	46	54	572	581	553	
Psychology	622	36	40	60	587	592	570	
European History	749	43	47	53	612	617	596	
Sociology	238	14	41	59	571	569	546	
Ancient History	247	14	51	49	587	575	562	
Other Courses	303	18	45	55	589	592	567	

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	178	10	44	56	615	633	599
4 Years	533	30	40	60	614	621	602
3 Years	398	22	43	57	588	593	571
2 Years	515	29	53	47	564	573	539
1 Year	92	5	52	48	496	516	470
1/2 Year or Less	74	4	50	50	469	511	459
No Response	303		53	47	568	585	554
AP/Honors Courses	419	23	40	60	638	644	625
<b>Course Work or Experience</b>							
Chinese	42	2	52	48	570	654	552
French	290	17	39	61	604	601	582
German	133	8	64	36	599	598	564
Greek	18	1	61	39	627	621	601
Hebrew	11	1	55	45	633	625	605
Italian	9	1	56	44	622	607	591
Japanese	33	2	42	58	608	644	604
Korean	8	0	63	38	564	634	540
Latin	212	12	49	51	616	607	592
Russian	9	1	44	56	607	596	582
Spanish	1,149	67	45	55	582	590	565
Other Languages	28	2	46	54	537	566	534

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

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

<b>Arts and Music</b> <b>Years of Study</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	232	13	40	60	597	602	586
4 Years	539	30	38	62	604	605	584
3 Years	236	13	42	58	575	575	562
2 Years	358	20	51	49	560	578	541
1 Year	314	18	54	46	569	593	550
1/2 Year or Less	103	6	65	35	558	580	529
No Response	311		52	48	569	588	556
AP/Honors Courses	147	8	36	64	626	625	607
<b>Course Work or Experience</b>							
Acting or Play Production	488	29	38	62	602	593	584
Art History or Appreciation	307	18	42	58	578	576	562
Dance	186	11	13	87	572	574	564
Drama: Study or Appreciation	322	19	39	61	594	586	580
Music: Study or Appreciation	287	17	45	55	597	591	582
Music Performance	953	56	43	57	601	605	582
Photography or Film	460	27	31	69	574	578	562
Studio Art and Design	442	26	33	67	580	583	566
None	169	10	68	32	547	582	533

<b>Computers</b> <b>Course Work or Experience</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Mean Scores</b>		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,354	80	45	55	592	595	572
Computer Programming	350	21	62	38	575	604	555
Word Processing	1,234	73	47	53	588	592	568
Internet Activity	859	50	46	54	580	587	561
Using Computer Graphics	664	39	48	52	582	592	565
Creating Spreadsheets/Databases	803	47	50	50	589	597	568
None	76	4	39	61	523	573	534

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
483	1,254	369	662	686	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	16	3
2	226	47
3	194	40
4 or More	47	10

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	203	654	84	147	681	76	667	71	669	74	
<b>History and Social Studies</b>											
U.S. History	185	691	83	150	684	81	683	76	675	81	
World History	9	624		6	620		642		637		
<b>Mathematics</b>											
Mathematics Level 1	121	661	76	83	634	92	666	72	643	83	
Mathematics Level 2	331	703	81	267	657	95	702	67	654	83	
<b>Science</b>											
Biology-E	41	650	80	28	689	83	678	70	676	78	
Biology-M	48	672	73	36	675	68	697	71	669	78	
Chemistry	138	671	88	111	663	94	707	70	660	83	
Physics	102	665	90	85	656	97	710	63	651	84	
<b>Foreign and Classical Languages</b>											
Chinese/Listening	3			3							
French	14	639		11	661		681		668		
French/Listening	3			3							
German	1										
German/Listening	4			4							
Modern Hebrew	1			1							
Italian	1			1							
Japanese/Listening	2										
Korean/Listening	1			1							
Latin	7	671		7	690		694		734		
Spanish	31	599	88	27	663	76	668	74	672	75	
Spanish/Listening	8	573		6	672		643		680		

## 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	29	14	55	30	2	22
700-740	50	25	47	25	1	11
650-690	37	18	32	17	1	11
600-640	32	16	27	15	1	11
550-590	34	17	14	8	2	22
500-540	13	6	5	3	1	11
450-490	7	3	2	1	1	11
400-440	1	0	2	1		
350-390			1	1		
300-340						
250-290						
200-240						
Total	203		185		9	
Mean	654		691		624	
SD	84		83			
75th percentile	720		760			
50th percentile	650		700			
25th percentile	580		640			

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	16	13	130	39	6	15	8	17	34	25	22	22
700-740	30	25	55	17	7	17	13	27	28	20	19	19
650-690	32	26	59	18	9	22	12	25	25	18	22	22
600-640	24	20	55	17	11	27	7	15	19	14	15	15
550-590	9	7	20	6	4	10	6	13	19	14	14	14
500-540	6	5	8	2	2	5	1	2	11	8	5	5
450-490	2	2	4	1	2	5	1	2	2	1	4	4
400-440	1	1									1	1
350-390	1	1										
300-340												
250-290												
200-240												
Total	121		331		41		48		138		102	
Mean	661		703		650		672		671		665	
SD	76		81		80		73		88		90	
75th percentile	710		780		700		730		740		740	
50th percentile	670		710		650		680		680		670	
25th percentile	620		640		600		620		610		600	

## 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	3	100	2	14							1	100
700-740			3	21			1	100	1	25		
650-690			2	14	1	33						
600-640			1	7					1	25		
550-590			3	21					1	25		
500-540			2	14	1	33			1	25		
450-490			1	7								
400-440					1	33						
350-390												
300-340												
250-290												
200-240												
Total	3		14		3		1		4		1	
Mean			639									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			1	50	1	100	1	14	2	6		
700-740							1	14	3	10		
650-690							1	14	5	16	4	50
600-640			1	50			4	57	7	23	1	13
550-590									4	13		
500-540	1	100							6	19		
450-490									4	13	2	25
400-440												
350-390											1	13
300-340												
250-290												
200-240												
Total	1		2		1		7		31		8	
Mean							671		599		573	
SD									88			
75th percentile									660			
50th percentile									600			
25th percentile									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	9	0	533	526	509
Architecture and Related Services	33	2	575	599	553
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	125	7	618	612	597
Business Management, Marketing, and Related Support Services	159	9	546	590	540
Communication, Journalism and Related Programs	64	3	585	570	583
Computer and Information Sciences and Support Services	41	2	584	606	539
Construction Trades	1	0			
Education	71	4	550	541	531
Engineering	244	13	599	650	572
Engineering Technologies/Technicians	20	1	541	647	538
English Language and Literature/Letters	53	3	652	586	623
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	25	1	674	618	652
Health Professions and Related Clinical Services	324	17	565	588	557
History	32	2	589	542	548
Legal Professions and Studies	55	3	590	578	576
Liberal Arts and Sciences, General Studies, and Humanities	22	1	595	586	570
Library Science And Administration					
Mathematics and Statistics	24	1	645	695	640
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	2	0			
Multi/Interdisciplinary Studies	3	0			
Natural Resources and Conservation	4	0			
Parks, Recreation, Leisure and Fitness Studies	9	0	484	524	470
Personal and Culinary Services	8	0	595	561	553
Philosophy and Religious Studies	5	0	646	580	656
Physical Sciences	49	3	671	662	636
Precision Production					
Psychology	65	3	556	562	546
Public Administration and Social Services Professions	7	0	530	460	509
Security and Protective Services	12	1	440	508	438
Social Sciences	56	3	645	606	606
Theology and Religious Vocations	5	0	672	612	652
Transportation and Materials Moving	2	0			
Visual and Performing Arts	168	9	584	566	567
Other	19	1	551	568	534
Undecided	134	7	608	612	589
<b>Degree-Level Goal</b>					
Certificate Program	12	1	483	526	484
Associate Degree	7	0	431	411	406
Bachelor's Degree	467	25	545	548	526
Master's Degree	575	30	580	597	565
Doctoral or Related Degree	547	29	615	625	597
Other	7	0	536	510	450
Undecided	272	14	585	595	569

## College Plans

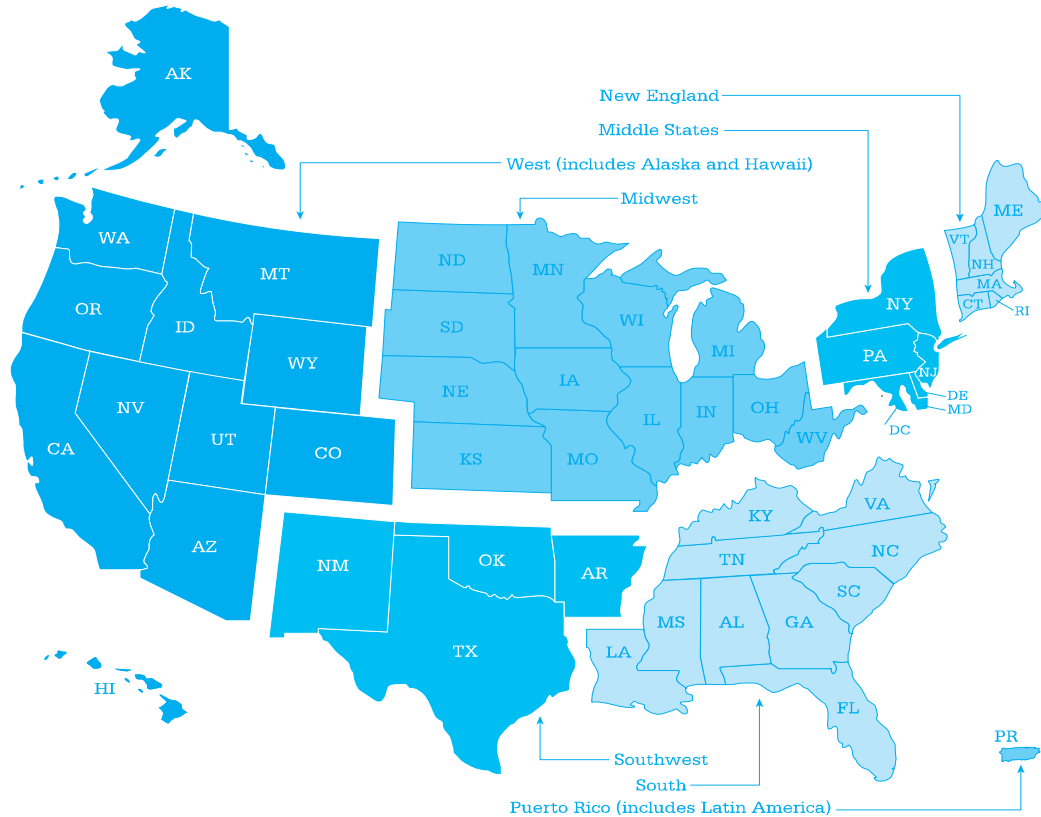
**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 2,207 students from your state who took the SAT and/or an SAT Subject Test, 1,472 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 711 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF KANSAS	KS	Public	532	36.1
KANSAS STATE UNIVERSITY MANHATTAN	KS	Public	334	22.7
DUKE UNIVERSITY TIP	NC	Scholarship	231	15.7
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	174	11.8
WASHINGTON UNIVERSITY	MO	Private	135	9.2
STANFORD UNIVERSITY	CA	Private	130	8.8
NORTHWESTERN UNIVERSITY	IL	Private	117	7.9
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	116	7.9
YALE UNIVERSITY	CT	Private	105	7.1
PRINCETON UNIVERSITY	NJ	Private	102	6.9
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	91	6.2
CORNELL UNIVERSITY	NY	Private	80	5.4
UNIVERSITY OF TEXAS AUSTIN	TX	Public	77	5.2
WICHITA STATE UNIVERSITY	KS	Public	77	5.2
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	74	5.0
DUKE UNIVERSITY	NC	Private	72	4.9
UNIVERSITY OF CHICAGO	IL	Private	71	4.8
NCAA ELIGIBILITY CENTER	IN	Public	70	4.8
BROWN UNIVERSITY	RI	Private	69	4.7
DARTMOUTH COLLEGE	NH	Private	69	4.7
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	63	4.3
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	61	4.1
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	61	4.1
NEW YORK UNIVERSITY	NY	Private	59	4.0
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	58	3.9
VANDERBILT UNIVERSITY	TN	Private	58	3.9
UNIVERSITY OF COLORADO BOULDER	CO	Public	55	3.7
UNIVERSITY OF MISSOURI COLUMBIA	MO	Public	54	3.7
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	51	3.5
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	50	3.4
TEXAS CHRISTIAN UNIVERSITY	TX	Private	50	3.4
JOHNSON COUNTY COMMUNITY COLLEGE	KS	Public	49	3.3
RICE UNIVERSITY	TX	Private	48	3.3
UNIVERSITY OF MINNESOTA TWIN CITIES	MN	Public	47	3.2
BAYLOR UNIVERSITY	TX	Private	44	3.0
UNIVERSITY OF WASHINGTON	WA	Public	44	3.0
UNIVERSITY OF ARKANSAS FAYETTEVILLE	AR	Public	43	2.9
WASHBURN UNIVERSITY	KS	Public	43	2.9
UNIVERSITY OF TULSA	OK	Private	42	2.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	42	2.9
UNIVERSITY OF VIRGINIA	VA	Public	41	2.8
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	41	2.8
BOSTON UNIVERSITY	MA	Private	41	2.8
NORTHWESTERN UNIVERSITY'S MIDWEST ACDMC T	IL	Scholarship	41	2.8
EMPORIA STATE UNIVERSITY	KS	Public	40	2.7

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

## Areas Served by College Board Regional Offices



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### Western Regional Office

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408-367-1459 (Fax)

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208 Ponce de León Avenue, Suite 1501  
San Juan, PR 00918-1017  
Mailing address:  
P.O. Box 71101  
San Juan, PR 00936-8001  
787-772-1200  
787-759-8629 (Fax - Reception area)  
787-764-4306 (Fax - Director's office)

### International Education Office

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Washington, DC 20036-2375  
202-741-4700  
202-741-4745 (Fax)

### Washington Office

1233 20th Street NW, Suite 600  
Washington, DC 20036-2375  
202-741-4700  
202-741-4743 (Fax)

### Florida Office

1545 Raymond Diehl Road, Suite 250  
Tallahassee, FL 32308-1500  
850-521-4900  
850-521-4921 (Fax)