

2011 College-Bound Seniors

# State Profile Report

**INDIANA** 

## **Included in This Report**

**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 collegebound 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.

#### 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/NMSOT®, 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

## Critical Reading Mathematics Writing

<u>Year</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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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Institutions That Received the Most SAT® Program Score Reports from Your Students

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



#### **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

					Writing Subscores					
SAT	Test-Takers	Critical Reading	Mathematics	Writing *	Multiple Choice	Essay				
	Number	Mean SD	Mean SD	Mean SD	Mean SD	Mean SD				
Total	48,267	493 99	501 101	475 97	48.2 9.9	6.9 1.5				

## Table 2: Mean Scores by Gender

								Wr	iting Su	bscores	5
SAT	Test-Takers	Critical Reading		Mathematics		Writing		Multiple Choice		Essay	
	Number	Mean S	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Male	22,059	497 1	01	519	103	467	97	47.8	9.9	6.6	1.6
Female	26,208	489 9	98	485	96	481	96	48.5	9.9	7.2	1.4

#### Table 3: Year in Which Seniors Last Took the SAT

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

								Wı	iting Su	bscore	s
SAT	Test-Takers	Critical F	leading	Mathen	natics	Writin	g	Multiple	Choice	Ess	ay
	Number	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Senior (2010-2011)	31,516	481	97	490	99	464	94	47.1	9.6	6.9	1.5
Junior (2009-2010)	16,674	514	100	522	101	494	99	50.3	10.0	7.0	1.5
Sophomore (2008-2009)	75	529	115	550	107	516	116	53.2	11.5	6.7	1.7
Freshman (2007-2008)	2										
Total	48,267	493	99	501	101	475	97	48.2	9.9	6.9	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.

Wiedir Scores for the total gro	oup may serve as points of referen	ice when evaluating mean scores	Tor the state.		Writing Su	bscores
SAT	Test-Takers	<b>Critical Reading</b>	Mathematics	Writing	Multiple Choice	Essay
	Number	Mean SD	Mean SD	Mean SD	Mean SD	Mean SD
Total Group	1,647,123	497 114	514 117	489 113	49.1 11.4	7.3 1.6

<sup>\*</sup>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		State			Total Group		
	Critical			Critical			
Percentile	Reading	Mathematics	Writing	Reading	Mathematics	Writing	
75th	560	570	540	570	600	560	
50th	490	500	470	490	510	480	
25th	420	430	410	420	430	410	

## Table 6: Score Distributions

The score ranges in the following table reflect SAT Skills Insight<sup>TM</sup>, 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.

SAT	Critical Reading			I	Mathematics	5		Writing		
Score Range	Male	Female	Total	Male	Female	Total	Male	Female	Total	
700–800	635	633	1,268	1,039	463	1,502	319	537	856	
600-690	3,136	3,118	6,254	4,207	3,038	7,245	1,943	2,614	4,557	
500-590	7,144	8,166	15,310	7,528	8,033	15,561	5,877	7,855	13,732	
400-490	7,853	10,018	17,871	6,851	10,238	17,089	8,709	10,357	19,066	
300-390	2,867	3,772	6,639	2,153	3,897	6,050	4,654	4,362	9,016	
200-290	424	501	925	281	539	820	557	483	1,040	

## Table 7: Type of High School

SAT	Test-Ta	kers	Percent l	oy Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Public	41,950	91	45	55	489	499	471	
Religiously Affiliated	3,680	8	50	50	527	533	516	
Independent	689	1	52	48	567	576	557	
Other or Unknown	1,948		48	52	474	462	451	

Table 8: Test-Taking Conditions
"Nonstandard conditions" reflect test-takers who received an accommodation. "Disabling conditions" are self-reported student responses.

SAT	Test-Ta	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD	
Disabling Conditions	3,170	7	460	103	462	101	436	96	
Nonstandard Conditions	792	2	432	112	445	113	420	105	



## **Demographic Information**

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT	Test-Takers		Critical F	Reading	Mather	natics	Writing	
Test-Takers Who Described Themselves As:	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	188	0	497	93	494	100	465	91
Asian, Asian American, or Pacific Islander	1,259	3	506	127	570	125	499	131
Black or African American	4,169	9	422	91	418	89	406	86
Mexican or Mexican American	1,466	3	453	90	458	91	438	89
Puerto Rican	206	0	466	95	466	97	450	96
Other Hispanic, Latino, or Latin American	737	2	457	102	462	99	442	96
White	38,447	80	503	95	511	96	484	93
Other	990	2	487	107	482	104	468	103
No Response	805	2	487	107	480	105	461	102
Total	48,267	100	493	99	501	101	475	97

Table 10: Male Mean Scores by Ethnicity

SAT	Test-Ta	Test-Takers Critical Reading		Mathematics		Writing		
Test-Takers Who Described Themselves As:	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	96	0	501	95	512	101	451	87
Asian, Asian American, or Pacific Islander	631	1	503	128	586	122	486	130
Black or African American	1,912	4	419	91	426	92	396	84
Mexican or Mexican American	681	1	458	90	474	92	436	88
Puerto Rican	97	0	473	101	483	96	449	109
Other Hispanic, Latino, or Latin American	294	1	472	101	493	101	442	97
White	17,525	36	508	96	531	97	477	93
Other	401	1	491	109	498	109	460	110
No Response	422	1	489	109	493	108	452	104
Total	22,059	46	497	101	519	103	467	97

Table 11: Female Mean Scores by Ethnicity

SAT	Test-Ta	kers	Critical l	Reading	Mather	natics	Writ	ing
Test-Takers Who Described Themselves As:	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	92	0	494	90	476	94	479	92
Asian, Asian American, or Pacific Islander	628	1	508	126	554	125	513	130
Black or African American	2,257	5	424	91	412	86	416	86
Mexican or Mexican American	785	2	448	89	445	88	439	89
Puerto Rican	109	0	460	90	451	94	451	83
Other Hispanic, Latino, or Latin American	443	1	447	102	442	92	442	96
White	20,922	43	498	94	495	92	490	93
Other	589	1	483	105	471	99	473	97
No Response	383	1	486	105	466	99	472	100
Total	26,208	54	489	98	485	96	481	96



## **Demographic Information**

SAT: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics
Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	48,267	100	493	99	501	101	475	97
First Language Learned								
English	44,232	92	495	98	502	99	476	95
English and Another	2,087	4	479	108	489	113	465	106
Another Language	1,501	3	453	114	503	126	451	117
No Response	447		481	108	482	111	460	106
Citizenship								
U.S. Citizen / U.S. National	46,272	98	495	99	501	100	476	96
U.S. Permanent Resident or Refugee	523	1	455	124	495	123	451	123
Citizen of Another Country	416	1	457	109	547	130	462	114
Other, Unknown, or No Response	1,056		447	102	458	105	425	100
Plans to Apply for Financial Aid								
Yes	36,142	81	491	99	498	100	473	96
No	2,207	5	507	97	523	100	494	96
Don't Know	6,298	14	497	98	511	102	479	97
No Response	3,620		493	105	503	106	474	103
Family Income								
\$0 - \$20,000	2,986	9	441	96	445	96	425	90
\$20,000-\$40,000	5,556	17	467	95	471	94	446	89
\$40,000-\$60,000	5,954	18	483	93	490	92	462	88
\$60,000-\$80,000	5,851	18	493	94	501	94	475	91
\$80,000-\$100,000	4,649	14	502	91	515	93	486	89
\$100,000-\$120,000	3,308	10	512	94	525	95	495	93
\$120,000-\$140,000	1,516	5	519	95	535	97	504	90
\$140,000–\$160,000	944	3	529	95	540	95	512	92
\$160,000–\$200,000	984	3	534	95	548	98	519	96
More than \$200,000	1,183	4	553	95	566	96	541	95
No Response	15,336		497	104	504	106	479	101
Highest Level of Parental Education								
No High School Diploma	1,321	3	424	87	436	88	411	84
High School Diploma	17,740	38	465	90	472	91	447	86
Associate Degree	5,436	12	476	89	484	91	456	85
Bachelor's Degree	14,183	30	513	94	524	97	496	92
Graduate Degree	7,859	17	547	102	553	104	531	102
No Response	1,728		461	105	471	105	442	99
Took the PSAT/NMSQT®								
Yes, As a Junior	11,582	25	486	94	495	95	469	91
Yes, As a Sophomore or Younger	11,103	24	494	93	503	94	476	90
Yes, As a Junior and As a Sophomore or Younger	13,427	29	534	98	545	98	519	97
No	9,952	22	447	90	450	91	425	83
No Response	2,203		471	101	481	103	452	99

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 Record

Table 13: High School Rank

SAT	Test-Ta	kers	Percent by Gender Mean Scores			Mean Scores	l	
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
Highest Tenth	7,642	28	40	60	572	590	558	
Second Tenth	7,144	26	44	56	506	523	492	
Second Fifth	5,578	21	49	51	477	487	458	
Final Three Fifths	6,836	25	50	50	436	439	416	
No Response	21,067		46	54	482	484	462	

## Table 14: High School Grade Point Average

SAT	Test-Ta	Test-Takers Percent by Gender		Mean Scores			
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	2,537	5	40	60	605	620	594
A (93–96)	7,645	17	38	62	558	574	546
A- (90–92)	7,591	16	43	57	524	539	508
B (80–89)	21,107	46	46	54	470	477	452
C (70–79)	7,099	15	55	45	425	424	402
D, E, or F (below 70)	238	1	66	34	423	426	395
No Response	2,050		53	47	469	462	440
Mean Grade Point Average	All Studen	ts: 3.23	Male	: 3.15	Female: 3.30		

## Table 15: Average Years of Study in Six Academic Subjects

SAT	Averag	je Years of	f Study	Grade Point Average: Each Subject
	Male	Female	Total	Male Female Total
Arts and Music	2.1	2.5	2.3	3.65 3.82 3.75
English and Language Arts	3.9	3.9	3.9	3.20 3.44 3.33
Foreign and Classical Languages	2.7	3.0	2.8	3.03 3.29 3.17
Mathematics	3.9	3.9	3.9	3.07 3.07 3.07
Natural Sciences	3.4	3.4	3.4	3.17 3.21 3.19
Social Sciences and History	3.3	3.3	3.3	3.35 3.36 3.35
Total for All Subjects	19.3	20.0	19.6	



Table 16: English, Mathematics

English and Language Arts	Test-Ta	kers	Percent l	y Gender	SA	SAT Mean Scores		
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	4,464	10	42	58	510	520	496	
4 Years	32,355	76	46	54	497	505	479	
3 Years	4,506	11	43	57	469	474	451	
2 Years	644	2	46	54	466	472	444	
1 Year	316	1	41	59	461	463	445	
1/2 Year or Less	420	1	47	53	433	446	412	
No Response	5,562		50	50	483	492	464	
AP®/Honors Courses	16,200	38	38	62	548	551	532	
Course Work or Experience								
English/Language Arts	40,062	98	45	55	494	501	476	
Journalism	5,390	13	30	70	505	496	492	
Creative Writing	8,844	22	39	61	495	490	477	
American Literature	24,289	59	44	56	502	507	484	
Composition/Writing	22,747	56	43	57	499	504	482	
British Literature	7,654	19	44	56	523	526	504	
World Literature	11,055	27	45	55	505	508	485	
Communications	5,303	13	46	54	484	489	467	
Public Speaking	14,589	36	43	57	506	510	488	
English As Second Language	1,486	4	42	58	427	458	421	

Mathematics	Test-Ta	akers	Percent l	oy Gender	S	SAT Mean Scores			
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing		
More Than 4 Years	7,865	18	47	53	531	560	516		
4 Years	24,848	58	45	55	498	504	480		
3 Years	8,503	20	44	56	457	452	437		
2 Years	791	2	49	51	452	446	429		
1 Year	256	1	45	55	457	465	440		
1/2 Year or Less	454	1	45	55	435	436	416		
No Response	5,550		50	50	484	492	464		
AP/Honors Courses	13,671	32	46	54	551	580	535		
Highest Level of Mathematics A	chieved*								
Calculus	8,870	21	50	50	560	596	543		
Pre-calculus	15,347	36	43	57	506	518	490		
Trigonometry	1,998	5	45	55	483	480	466		
Algebra II	14,451	34	44	56	449	440	430		
Algebra I	1,267	3	47	53	418	397	397		

<sup>\*</sup>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 Questionniare to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Ta	kers	Percent l	y Gender	SA	AT Mean Scores	
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,697	9	44	56	529	550	515
4 Years	16,867	40	45	55	509	518	492
3 Years	16,268	39	44	56	481	486	463
2 Years	3,199	8	50	50	467	472	445
1 Year	1,039	2	47	53	467	478	446
1/2 Year or Less	993	2	44	56	446	451	425
No Response	6,204		49	51	483	491	463
AP/Honors Courses	10,563	25	44	56	558	575	541
Course Work or Experience							
Biology	40,449	98	45	55	494	502	477
Chemistry	36,706	89	44	56	500	509	482
Physics	18,035	44	53	47	511	528	492
Geology, Earth, or Space Science	16,428	40	47	53	465	466	446
Other Sciences	16,896	41	38	62	491	496	474

Social Sciences and History	Test-Ta	kers	Percent l	Percent by Gender SAT Mean Scores		1	
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,716	6	46	54	515	520	497
4 Years	16,689	39	45	55	499	500	480
3 Years	16,649	39	45	55	495	509	479
2 Years	4,902	12	45	55	476	487	458
1 Year	806	2	44	56	465	475	444
1/2 Year or Less	624	1	43	57	436	448	419
No Response	5,881		50	50	482	491	463
AP/Honors Courses	11,645	27	43	57	555	559	537
Course Work or Experience							
U.S. History	39,980	97	45	55	494	502	476
World History or Cultures	32,084	78	45	55	499	504	480
U.S. Government or Civics	29,808	72	45	55	493	501	475
Economics	28,349	69	44	56	494	502	476
Geography	17,720	43	45	55	483	493	466
Psychology	12,707	31	36	64	507	506	489
European History	4,443	11	49	51	536	531	513
Sociology	8,217	20	36	64	496	492	477
Ancient History	4,972	12	48	52	513	510	491
Other Courses	3,586	9	45	55	506	504	487



Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent l	oy Gender	SAT Mean Scores			
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	2,633	6	37	63	553	561	540	
4 Years	9,742	23	40	60	534	541	520	
3 Years	16,558	39	44	56	506	519	489	
2 Years	7,726	18	50	50	452	455	432	
1 Year	2,894	7	54	46	430	431	407	
1/2 Year or Less	2,914	7	55	45	416	420	393	
No Response	5,800		50	50	482	490	463	
AP/Honors Courses	4,689	11	38	62	568	576	556	
Course Work or Experience								
Chinese	369	1	52	48	497	530	475	
French	6,674	16	36	64	502	499	483	
German	3,987	10	54	46	511	516	483	
Greek	102	0	46	54	512	504	485	
Hebrew	92	0	55	45	505	516	491	
talian	71	0	51	49	495	490	478	
Japanese	954	2	55	45	524	522	490	
Korean	52	0	46	54	468	548	471	
_atin	2,060	5	47	53	524	523	502	
Russian	87	0	44	56	488	492	465	
Spanish	29,948	73	44	56	493	503	478	
Other Languages	907	2	36	64	482	491	464	



Table 19: Arts and Music, Computers

Arts and Music	Test-Ta	Test-Takers		oy Gender	SAT Mean Scores			
Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing	
More Than 4 Years	3,373	8	37	63	515	515	499	
4 Years	8,357	20	35	65	516	513	499	
3 Years	6,065	14	37	63	494	496	477	
2 Years	9,573	23	45	55	492	505	477	
1 Year	9,500	23	55	45	498	516	478	
1/2 Year or Less	5,300	13	57	43	443	453	422	
No Response	6,099		51	49	483	491	464	
AP/Honors Courses	2,079	5	37	63	553	551	539	
Course Work or Experience								
Acting or Play Production	6,553	17	34	66	531	516	511	
Art History or Appreciation	6,492	16	43	57	499	504	482	
Dance	3,636	9	11	89	487	486	480	
Drama: Study or Appreciation	5,090	13	32	68	513	500	495	
Music: Study or Appreciation	5,156	13	49	51	522	517	501	
Music Performance	16,432	41	39	61	517	518	499	
Photography or Film	7,864	20	31	69	503	501	488	
Studio Art and Design	8,388	21	38	62	513	516	495	
None	8,210	21	59	41	455	473	436	

Computers	Test-Ta	kers	Percent k	y Gender	SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	26,352	67	45	55	500	507	482
Computer Programming	6,307	16	59	41	485	502	465
Word Processing	24,893	63	45	55	502	508	483
Internet Activity	16,804	42	46	54	499	504	480
Using Computer Graphics	12,265	31	54	46	496	507	476
Creating Spreadsheets/Databases	14,737	37	47	53	503	513	485
None	5,737	14	38	62	483	491	467



## **SAT Subject Tests™ Data**

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who T	ook SAT Subjec	t Tests	Students Who Took an SAT Subject Test and Also Took the SAT							
Number of Test-Takers	Numbe Test	- *-	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean				
1,274	3,26	66	1,224	647	665	639				
Students Who T	ook One or Mor	e Different SAT Subject Te	sts							
Number of Tests Taken	Number of Test-Takers	Percent of Total Test-Takers Who Took One or More Tests								
1	89	7				_				
2	527	41								
3	548	43								
4 or More	110	9								

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						
					Critical I	0	Mather		Writ	0			
English	N	Mean	SD	N	Mean	SD	Mean	SD	Mean	SD			
Literature	511	637	102	489	659	97	634	94	648	94			
History and Social Studies													
U.S. History	415	664	99	394	666	87	653	94	653	85			
World History	51	654	109	49	695	86	663	93	662	82			
Mathematics													
Mathematics Level 1	398	628	102	378	616	102	641	96	609	102			
Mathematics Level 2	724	696	88	702	656	94	701	73	649	92			
Science													
Biology-E	101	633	89	96	653	100	654	91	637	97			
Biology-M	152	657	90	142	663	84	674	80	656	90			
Chemistry	344	670	93	332	659	92	707	66	654	87			
Physics	224	681	90	219	661	94	718	69	646	93			
Foreign and Classical Languages													
Chinese/Listening	13	763		13	582		712		578				
French	66	648	103	66	680	83	655	77	673	69			
French/Listening	25	678	107	25	666	78	654	88	662	84			
German	4			4									
German/Listening	11	649		11	665		668		658				
Modern Hebrew													
Italian	2			2									
Japanese/Listening	7	606		7	667		664		650				
Korean/Listening	9	769		8	511		634		545				
Latin	13	546		12	667		641		684				
Spanish	154	624	119	151	668	87	659	75	672	87			
Spanish/Listening	42	663	104	42	661	89	642	82	666	83			



## **SAT Subject Tests Score Distributions**

Table 22: English, History and Social Studies

SAT Subject Tests	Eng	lish	His	itudies			
		ature	U.S. History			History	
	N	Pct	N	Pct	N	Pct	
750-800	56	11	90	22	13	25	
700-740	121	24	96	23	8	16	
650-690	105	21	80	19	8	16	
600-640	76	15	63	15	7	14	
550-590	56	11	36	9	7	14	
500-540	46	9	18	4	3	6	
450-490	22	4	13	3	3	6	
400-440	14	3	13	3	1	2	
350-390	10	2	5	1	1	2	
300-340	5	1	1	0			
250-290							
200-240							
Total	511		415		51		
Mean	637		664		654		
SD	102		99		109		
75th percentile	710		740		740		
50th percentile	650		680		660		
25th percentile	580		610		580		

Table 23: Mathematics, Science

SAT Subject Tests		Mathe	matics					Scien	ce			
	Mathemat	ics Level 1	Mathemati	cs Level 2	Biolo	Biology-E		gy-M	Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	35	9	276	38	7	7	27	18	84	24	62	28
700-740	85	21	116	16	20	20	32	21	65	19	46	21
650-690	79	20	115	16	22	22	26	17	80	23	45	20
600-640	69	17	118	16	24	24	30	20	40	12	34	15
550-590	53	13	67	9	11	11	22	14	40	12	18	8
500-540	32	8	17	2	7	7	10	7	21	6	12	5
450-490	21	5	8	1	6	6	3	2	7	2	5	2
400-440	10	3	7	1	4	4	1	1	4	1	2	1
350-390	11	3							3	1		
300-340	3	1					1	1				
250-290												
200-240												
Total	398		724		101		152		344		224	
Mean	628		696		633		657		670		681	
SD	102		88		89		90		93		90	
75th percentile	710		770		700		730		740		750	
50th percentile	640		710		640		660		680		690	
25th percentile	570		630		590		600		610		610	



## **SAT Subject Tests Score Distributions**

Table 24: Foreign and Classical Languages

SAT Subject Test	s	Foreign and Classical Languages											
	Chinese/I	Chinese/Listening N Pct		n <b>ch</b> Pct	French/L	French/Listening N Pct		<b>man</b> Pct	German/	<b>Listening</b> Pct	Modern N	<b>Hebrew</b> Pct	
750-800	12	92	14	21	9	36			1	9			
700-740			12	18	4	16	1	25	3	27			
650-690			13	20	3	12			2	18			
600-640			5	8	1	4	1	25	2	18			
550-590			8	12	5	20			1	9			
500-540	1	8	5	8	1	4	2	50	1	9			
450-490			9	14	1	4			1	9			
400-440					1	4							
350-390													
300-340													
250-290													
200-240													
Total	13		66		25		4		11				
Mean	763		648		678				649				
SD			103		107								
75th percentile			730		750								
50th percentile			670		690								
25th percentile			560		580								

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests		Foreign and Classical Languages											
		lian	Japanese/Listening				Lat			nish	Spanish/Listening		
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	
750-800					7	78			25	16	13	31	
700-740	1	50	1	14	1	11			25	16	7	17	
650-690	1	50	2	29			2	15	24	16	7	17	
600-640			2	29	1	11			26	17	4	10	
550-590			1	14			5	38	16	10	5	12	
500-540							3	23	16	10	2	5	
450-490							1	8	8	5	3	7	
400-440			1	14			2	15	5	3	1	2	
350-390									7	5			
300-340													
250-290									2	1			
200-240													
Total	2		7		9		13		154		42		
Mean			606		769		546		624		663		
SD									119		104		
75th percentile									710		750		
50th percentile									630		660		
25th percentile									540		570		



## **College Plans**

Table 26: Intended College Major, Degree-Level Goal

SAT	Test-Ta	kers		Mean Scores	
Intended College Major	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	522	1	477	494	457
Architecture and Related Services	694	2	486	524	470
Area, Ethnic, Cultural and Gender Studies	37	0	534	506	507
Biological and Biomedical Sciences	1,911	4	535	540	515
Business Management, Marketing, and Related Support Services	3,977	9	488	513	471
Communication, Journalism and Related Programs	1,222	3	512	491	497
Computer and Information Sciences and Support Services	1,046	2	504	518	465
Construction Trades	121	0	417	451	396
Education	3,351	8	481	485	468
Engineering	2,992	7	521	572	494
Engineering Technologies/Technicians	662	2	472	512	442
English Language and Literature/Letters	492	1	581	519	555
Family and Consumer Sciences/Human Sciences	206	0	449	453	441
Foreign Languages, Literatures, and Linguistics	283	1	557	530	536
Health Professions and Related Clinical Services	10,844	25	483	494	475
History	509	1	534	496	490
Legal Professions and Studies	1,068	3	502	497	484
Liberal Arts and Sciences, General Studies, and Humanities	300	1	526	504	506
Library Science And Administration	19	0	559	498	517
Mathematics and Statistics	352	1	509	581	497
Mechanic and Repair Technologies/Technician	180	0	432	455	395
Military Technologies And Applied Sciences	44	0	455	474	426
Multi/Interdisciplinary Studies	37	0	585	571	559
Natural Resources and Conservation	217	1	489	482	464
Parks, Recreation, Leisure and Fitness Studies	360	1	445	465	426
Personal and Culinary Services	276	1	461	456	441
Philosophy and Religious Studies	122	0	539	512	499
Physical Sciences	635	1	544	564	517
Precision Production	8	0	484	465	405
Psychology	1,889	4	511	491	492
Public Administration and Social Services Professions	171	0	473	456	462
Security and Protective Services	1,041	2	453	459	429
Social Sciences	471	1	554	531	529
Theology and Religious Vocations	136	0	543	529	512
Transportation and Materials Moving	40	0	486	519	459
Visual and Performing Arts	2,775	7	513	498	493
Other	1,055	2	457	460	440
Undecided	2,545	6	509	518	489
Degree-Level Goal					
Certificate Program	429	1	439	440	410
Associate Degree	1,177	3	417	415	400
Bachelor's Degree	18,887	42	477	487	459
Master's Degree	10,297	23	507	516	491
Doctoral or Related Degree	7,281	16	537	545	520
Other	256	1	427	441	413
Undecided	6,879	15	490	493	468



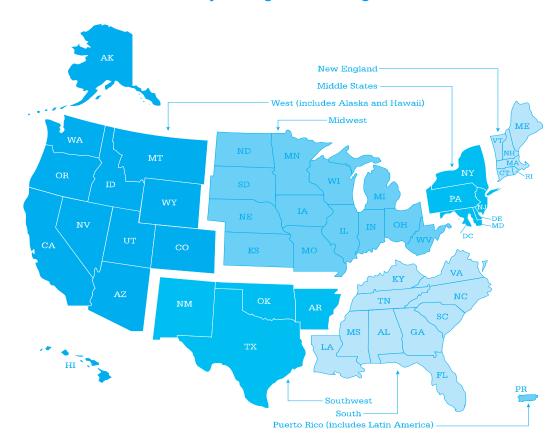
## **College Plans**

Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students
Of the 48,317 students from your state who took the SAT and/or an SAT Subject Test, 30,517 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 1,808 institutions received score reports from your students.

Institution	State	Туре	Number of Students	Percent of Score Senders*
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	12,200	40.0
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	11,893	39.0
BALL STATE UNIVERSITY	IN	Public	10,213	33.5
INDIANA UNIVERSITY PURDUE INDIANAPOLIS	IN	Public	6,070	19.9
INDIANA STATE UNIVERSITY	IN	Public	4,455	14.6
BUTLER UNIVERSITY	IN	Private	3,862	12.7
UNIVERSITY OF INDIANAPOLIS	IN	Private	2,738	9.0
UNIVERSITY SOUTHERN INDIANA	IN	Public	2,450	8.0
NCAA ELIGIBILITY CENTER	IN	Public	2,110	6.9
INDIANA UNIVERSITY PURDUE UNIVERSITY FOR	IN	Public	2,108	6.9
NORTHWESTERN UNIVERSITYS MIDWEST ACDMC T	IL	Scholarship	1,715	5.6
UNIVERSITY OF EVANSVILLE	IN	Private	1,488	4.9
UNIVERSITY OF NOTRE DAME	IN	Private	1,302	4.3
VALPARAISO UNIVERSITY	IN	Private	1,229	4.0
DEPAUW UNIVERSITY	IN	Private	1,174	3.8
VINCENNES UNIVERSITY	IN	Public	1,127	3.7
HANOVER COLLEGE	IN	Private	1,011	3.3
ANDERSON UNIVERSITY	IN	Private	995	3.3
INDIANA UNIVERSITY SOUTH BEND	IN	Public	992	3.3
PURDUE UNIVERSITY CALUMET	IN	Public	968	3.2
MANCHESTER COLLEGE	IN	Private	957	3.1
INDIANA WESLEYAN UNIVERSITY	IN	Private	957	3.1
ROSE-HULMAN INSTITUTE OF TECHNOLOGY	IN	Private	893	2.9
FRANKLIN COLLEGE	IN	Private	799	2.6
MARIAN UNIVERSITY	IN	Private	764	2.5
NORTHWESTERN UNIVERSITY	IL	Private	718	2.4
TRINE UNIVERSITY	IN	Private	657	2.2
UNIVERSITY OF KENTUCKY LEXINGTON	KY	Public	642	2.1
MIAMI UNIVERSITY	ОН	Public	638	2.1
IVY TECH COMMUNITY COLLEGE INDIANAPOLIS	IN	Public	631	2.1
INDIANA UNIVERSITY NEW ALBANY	IN	Public	607	2.0
TAYLOR UNIVERSITY UPLAND CAMPUS	IN	Private	597	2.0
PURDUE UNIVERSITY NORTH CENTRAL CAMPUS	IN	Public	594	1.9
INDIANA UNIVERSITY GARY	IN	Public	592	1.9
UNIVERSITY OF LOUISVILLE	KY	Public	586	1.9
UNIVERSITY OF CINCINNATI	ОН	Public	584	1.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	559	1.8
OHIO STATE UNIVERSITY COLUMBUS	OH	Public	558	1.8
BETHEL COLLEGE INDIANA	IN	Private	538	1.8
UNIVERSITY ST FRANCIS INDIANA	IN	Private	508	1.7
XAVIER UNIVERSITY	OH	Private	502	1.6
UNIVERSITY OF CHICAGO	IL	Private	469	1.5
WABASH COLLEGE	IN	Private	452	1.5
GRACE COLLEGE	IN	Private	412	1.4
GIAGE GOLLEGE	OH	Private	407	1.3

<sup>\*</sup>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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