



2011 College-Bound Seniors

State Profile Report

MISSOURI

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 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.

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

Year	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
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	3,222	592	114	593	111	579	113	58.3	11.4	7.9	1.6

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	1,636	595	117	611	112	574	115	58.0	11.6	7.7	1.7
Female	1,586	589	112	575	108	585	110	58.6	11.2	8.0	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)	1,615	586	119	586	114	570	117	57.5	11.9	7.8	1.6
Junior (2009-2010)	1,569	600	108	601	108	589	107	59.3	10.9	8.0	1.5
Sophomore (2008-2009)	35	552	124	573	122	537	107	54.0	10.4	7.5	1.7
Freshman (2007-2008)	3										
Total	3,222	592	114	593	111	579	113	58.3	11.4	7.9	1.6

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	680	680	660	570	600	560
50th	600	610	590	490	510	480
25th	520	520	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.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	334	284	618	389	203	592	233	254	487
600–690	541	532	1,073	611	534	1,145	515	523	1,038
500–590	446	456	902	371	475	846	494	469	963
400–490	216	232	448	188	283	471	277	259	536
300–390	78	71	149	67	79	146	96	74	170
200–290	21	11	32	10	12	22	21	7	28

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,678	55	47	53	592	592	573
Religiously Affiliated	819	27	55	45	595	594	592
Independent	545	18	56	44	596	609	590
Other or Unknown	180		48	52	571	549	542

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	154	5	573	119	561	118	544	116
Nonstandard Conditions	102	3	603	97	611	98	601	90

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	1	563		554		544	
Asian, Asian American, or Pacific Islander	348	11	561	137	657	100	573	128
Black or African American	297	9	499	119	482	118	485	111
Mexican or Mexican American	40	1	544	133	543	136	543	123
Puerto Rican	12	0	558		548		578	
Other Hispanic, Latino, or Latin American	49	2	551	112	543	112	531	116
White	2,283	71	611	101	602	100	595	102
Other	77	2	585	115	564	114	569	123
No Response	93	3	589	121	573	107	577	128
Total	3,222	100	592	114	593	111	579	113

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	10	0	541		552		521	
Asian, Asian American, or Pacific Islander	198	6	556	146	665	101	562	134
Black or African American	132	4	518	125	508	127	498	113
Mexican or Mexican American	32	1	529	135	538	139	529	121
Puerto Rican	5	0	544		550		574	
Other Hispanic, Latino, or Latin American	29	1	554	101	546	117	510	125
White	1,150	36	615	101	620	100	589	103
Other	29	1	558	125	569	118	536	134
No Response	51	2	589	131	568	110	555	139
Total	1,636	51	595	117	611	112	574	115

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	13	0	579		556		562	
Asian, Asian American, or Pacific Islander	150	5	567	123	646	98	586	118
Black or African American	165	5	483	111	462	105	475	109
Mexican or Mexican American	8	0	603		564		598	
Puerto Rican	7	0	567		547		580	
Other Hispanic, Latino, or Latin American	20	1	547		539		563	
White	1,133	35	608	100	584	97	600	100
Other	48	1	602	104	561	112	590	111
No Response	42	1	590	107	578	102	603	108
Total	1,586	49	589	112	575	108	585	110

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	3,222	100	592	114	593	111	579	113
First Language Learned								
English	2,704	86	599	108	589	109	583	109
English and Another	235	7	581	122	621	122	577	121
Another Language	213	7	513	141	619	125	535	132
No Response	70		588	122	593	113	574	132
Citizenship								
U.S. Citizen / U.S. National	2,963	94	600	108	592	110	585	109
U.S. Permanent Resident or Refugee	76	2	574	126	630	111	571	128
Citizen of Another Country	100	3	452	128	624	130	489	125
Other, Unknown, or No Response	83		508	141	548	130	495	134
Plans to Apply for Financial Aid								
Yes	1,927	70	593	113	589	113	578	113
No	273	10	586	114	599	112	579	113
Don't Know	553	20	597	114	606	106	587	109
No Response	469		585	117	593	110	575	117
Family Income								
\$0 - \$20,000	101	6	490	125	498	125	475	115
\$20,000–\$40,000	167	9	534	119	540	117	517	116
\$40,000–\$60,000	207	12	548	119	549	115	523	118
\$60,000–\$80,000	231	13	580	112	571	112	562	109
\$80,000–\$100,000	243	14	596	102	598	101	588	104
\$100,000–\$120,000	228	13	608	107	607	102	590	102
\$120,000–\$140,000	118	7	615	101	613	92	592	96
\$140,000–\$160,000	81	5	635	103	619	105	605	101
\$160,000–\$200,000	120	7	601	113	611	103	601	113
More than \$200,000	304	17	617	94	618	95	608	92
No Response	1,422		601	113	603	110	591	111
Highest Level of Parental Education								
No High School Diploma	20	1	472		498		446	
High School Diploma	353	12	520	115	523	113	500	108
Associate Degree	107	3	523	116	512	102	505	109
Bachelor's Degree	1,098	36	592	108	593	106	576	105
Graduate Degree	1,480	48	623	102	623	100	613	102
No Response	164		533	133	542	124	527	120
Took the PSAT/NMSQT®								
Yes, As a Junior	791	27	596	115	593	111	581	111
Yes, As a Sophomore or Younger	535	18	582	101	577	102	566	101
Yes, As a Junior and As a Sophomore or Younger	1,165	39	632	98	632	95	623	97
No	467	16	516	114	526	113	500	109
No Response	264		557	121	569	122	546	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	971	56	50	50	641	649	628
Second Tenth	412	24	54	46	574	582	563
Second Fifth	204	12	64	36	532	537	513
Final Three Fifths	155	9	54	46	475	468	451
No Response	1,480		48	52	585	580	574

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)	514	17	43	57	662	660	651
A (93–96)	981	32	44	56	620	625	612
A- (90–92)	676	22	52	48	588	596	575
B (80–89)	779	25	59	41	539	533	520
C (70–79)	114	4	66	34	453	448	432
D, E, or F (below 70)	6	0	67	33	495	463	495
No Response	152		57	43	573	568	556
Mean Grade Point Average	All Students: 3.68		Male: 3.60		Female: 3.76		

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	3.0	2.8	3.84	3.94	3.89
English and Language Arts	4.0	4.0	4.0	3.56	3.78	3.67
Foreign and Classical Languages	3.2	3.4	3.3	3.53	3.73	3.63
Mathematics	4.1	4.0	4.1	3.53	3.53	3.53
Natural Sciences	3.8	3.8	3.8	3.56	3.66	3.61
Social Sciences and History	3.8	3.8	3.8	3.63	3.73	3.68
Total for All Subjects	21.5	22.0	21.8			

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	430	16	50	50	609	606	596
4 Years	1,933	73	50	50	603	600	587
3 Years	222	8	51	49	506	521	502
2 Years	45	2	58	42	537	575	534
1 Year	20	1	55	45	469	556	482
1/2 Year or Less	12	0	42	58	521	594	518
No Response	560		53	47	587	591	577
AP®/Honors Courses	1,486	56	46	54	636	627	623
Course Work or Experience							
English/Language Arts	2,416	96	50	50	595	593	580
Journalism	355	14	39	61	585	569	582
Creative Writing	634	25	46	54	581	572	570
American Literature	1,697	67	48	52	596	592	583
Composition/Writing	1,493	59	51	49	594	592	581
British Literature	667	26	44	56	611	603	596
World Literature	963	38	46	54	598	588	583
Communications	404	16	47	53	569	562	560
Public Speaking	904	36	45	55	590	586	582
English As Second Language	121	5	61	39	490	594	494

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	650	24	54	46	618	632	603
4 Years	1,654	62	49	51	600	595	587
3 Years	299	11	49	51	514	508	500
2 Years	40	1	55	45	522	546	505
1 Year	17	1	47	53	494	565	508
1/2 Year or Less	11	0	45	55	540	565	552
No Response	551		54	46	588	592	578
AP/Honors Courses	1,477	55	51	49	634	646	622
Highest Level of Mathematics Achieved*							
Calculus	1,231	47	54	46	635	651	621
Pre-calculus	658	25	46	54	590	586	580
Trigonometry	265	10	45	55	546	525	528
Algebra II	371	14	43	57	511	477	490
Algebra I	50	2	60	40	448	456	448

*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	567	21	51	49	626	638	609	
4 Years	1,338	50	50	50	603	603	590	
3 Years	590	22	48	52	559	545	547	
2 Years	97	4	60	40	537	543	506	
1 Year	37	1	59	41	518	576	529	
1/2 Year or Less	21	1	43	57	468	509	469	
No Response	572		54	46	585	590	576	
AP/Honors Courses	1,376	52	51	49	635	643	624	
Course Work or Experience								
Biology	2,472	97	50	50	593	592	579	
Chemistry	2,364	93	50	50	598	597	584	
Physics	1,781	70	53	47	610	615	596	
Geology, Earth, or Space Science	789	31	48	52	568	556	549	
Other Sciences	899	35	43	57	580	575	565	

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	416	16	55	45	622	620	609	
4 Years	1,434	54	50	50	606	601	593	
3 Years	654	25	48	52	563	570	545	
2 Years	102	4	57	43	525	548	514	
1 Year	24	1	58	42	506	575	519	
1/2 Year or Less	16	1	50	50	494	567	513	
No Response	576		52	48	586	589	577	
AP/Honors Courses	1,470	56	50	50	637	631	623	
Course Work or Experience								
U.S. History	2,396	94	50	50	595	593	580	
World History or Cultures	2,164	85	49	51	593	592	580	
U.S. Government or Civics	1,823	72	49	51	595	590	578	
Economics	630	25	55	45	586	589	573	
Geography	654	26	49	51	574	568	560	
Psychology	817	32	43	57	598	589	585	
European History	784	31	51	49	619	609	605	
Sociology	252	10	46	54	564	563	546	
Ancient History	623	24	52	48	606	599	593	
Other Courses	473	19	41	59	590	585	579	

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	437	16	47	53	630	637	622
4 Years	970	37	48	52	628	625	619
3 Years	492	19	49	51	575	578	560
2 Years	611	23	55	45	553	545	530
1 Year	90	3	61	39	500	505	475
1/2 Year or Less	57	2	61	39	471	524	456
No Response	565		54	46	585	589	575
AP/Honors Courses	913	34	46	54	644	642	637
Course Work or Experience							
Chinese	87	3	55	45	586	641	585
French	562	22	38	62	596	583	578
German	184	7	51	49	616	601	593
Greek	57	2	65	35	644	629	628
Hebrew	22	1	36	64	611	608	596
Italian	28	1	39	61	581	570	571
Japanese	46	2	35	65	564	575	548
Korean	12	0	50	50	488	652	502
Latin	285	11	59	41	644	633	631
Russian	20	1	55	45	569	549	540
Spanish	1,623	64	51	49	585	586	574
Other Languages	34	1	44	56	535	548	543

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

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	345	13	42	58	606	603	594
4 Years	689	26	44	56	613	601	596
3 Years	363	14	48	52	579	582	571
2 Years	568	22	54	46	583	587	571
1 Year	555	21	57	43	586	596	571
1/2 Year or Less	110	4	66	34	565	585	554
No Response	592		54	46	585	590	576
AP/Honors Courses	319	12	42	58	636	629	622
Course Work or Experience							
Acting or Play Production	738	30	39	61	616	595	599
Art History or Appreciation	562	22	45	55	593	583	580
Dance	303	12	18	82	586	580	585
Drama: Study or Appreciation	555	22	40	60	606	593	593
Music: Study or Appreciation	492	20	45	55	607	592	590
Music Performance	1,390	56	48	52	609	607	596
Photography or Film	507	20	41	59	595	591	583
Studio Art and Design	709	28	39	61	604	601	591
None	183	7	67	33	537	557	527

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,612	67	50	50	600	599	585
Computer Programming	492	20	68	32	597	617	584
Word Processing	1,570	65	49	51	600	599	586
Internet Activity	1,134	47	50	50	600	599	587
Using Computer Graphics	858	36	52	48	598	599	583
Creating Spreadsheets/Databases	907	38	53	47	599	601	586
None	306	13	43	57	580	574	571

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
1,186	3,182	885	660	673	655

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	63	5
2	467	39
3	502	42
4 or More	154	13

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	511	654	85	376	679	79	652	83	672	79	
History and Social Studies											
U.S. History	396	662	98	322	668	90	658	80	661	85	
World History	51	664	105	35	682	77	678	80	695	76	
Mathematics											
Mathematics Level 1	320	643	81	227	628	99	647	74	632	96	
Mathematics Level 2	730	698	87	566	663	96	699	70	659	90	
Science											
Biology-E	153	679	97	112	676	91	689	73	669	88	
Biology-M	195	683	80	149	664	95	685	74	662	83	
Chemistry	357	676	94	289	662	90	707	73	662	93	
Physics	228	685	82	182	668	86	712	64	660	85	
Foreign and Classical Languages											
Chinese/Listening	19	759		16	591		714		611		
French	46	617	98	43	673	75	665	69	683	62	
French/Listening	9	612		8	708		655		694		
German	3			1							
German/Listening	3			1							
Modern Hebrew											
Italian	1			1							
Japanese/Listening	4			3							
Korean/Listening	5	750		5	558		700		584		
Latin	28	651	116	24	711		714		711		
Spanish	102	599	109	83	655	80	660	77	662	74	
Spanish/Listening	21	638		17	664		674		665		

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	82	16	90	23	13	25
700-740	103	20	89	22	11	22
650-690	114	22	58	15	8	16
600-640	82	16	63	16	5	10
550-590	64	13	42	11	7	14
500-540	45	9	27	7		
450-490	15	3	16	4	5	10
400-440	6	1	7	2	1	2
350-390			4	1	1	2
300-340						
250-290						
200-240						
Total	511		396		51	
Mean	654		662		664	
SD	85		98		105	
75th percentile	720		740		740	
50th percentile	670		680		690	
25th percentile	590		600		580	

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	19	6	270	37	48	31	41	21	105	29	59	26
700-740	81	25	140	19	34	22	62	32	65	18	44	19
650-690	72	23	110	15	23	15	38	19	71	20	57	25
600-640	56	18	118	16	26	17	21	11	51	14	42	18
550-590	52	16	57	8	6	4	21	11	29	8	13	6
500-540	26	8	18	2	6	4	6	3	18	5	8	4
450-490	10	3	11	2	6	4	6	3	8	2	5	2
400-440	3	1	6	1	2	1			6	2		
350-390	1	0			1	1			4	1		
300-340												
250-290					1	1						
200-240												
Total	320		730		153		195		357		228	
Mean	643		698		679		683		676		685	
SD	81		87		97		80		94		82	
75th percentile	710		780		750		740		750		750	
50th percentile	650		710		700		700		690		690	
25th percentile	590		630		630		620		620		630	

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	15	79	7	15	1	11						
700-740	1	5	4	9	1	11						
650-690	1	5	9	20					1	33		
600-640	2	11	5	11	4	44						
550-590			8	17	1	11	1	33				
500-540			7	15	1	11			1	33		
450-490			6	13			2	67	1	33		
400-440					1	11						
350-390												
300-340												
250-290												
200-240												
Total	19		46		9		3		3			
Mean	759		617		612							
SD			98									
75th percentile			690									
50th percentile			610									
25th percentile			520									

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			3	75	4	80	7	25	10	10	3	14
700-740							7	25	12	12	3	14
650-690							2	7	15	15	6	29
600-640	1	100					4	14	18	18	1	5
550-590					1	20	2	7	13	13	3	14
500-540							1	4	14	14	3	14
450-490							3	11	10	10	2	10
400-440							2	7	8	8		
350-390									2	2		
300-340												
250-290												
200-240			1	25								
Total	1		4		5		28		102		21	
Mean					750		651		599		638	
SD							116		109			
75th percentile							730		680		690	
50th percentile							670		600		650	
25th percentile							560		520		540	

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	12	0	521	494	507
Architecture and Related Services	45	2	572	596	560
Area, Ethnic, Cultural and Gender Studies	5	0	680	652	656
Biological and Biomedical Sciences	237	9	614	614	600
Business Management, Marketing, and Related Support Services	256	9	551	582	543
Communication, Journalism and Related Programs	87	3	593	550	595
Computer and Information Sciences and Support Services	62	2	577	604	551
Construction Trades	2	0			
Education	99	4	555	535	536
Engineering	345	12	617	647	591
Engineering Technologies/Technicians	20	1	551	624	527
English Language and Literature/Letters	61	2	670	596	648
Family and Consumer Sciences/Human Sciences	6	0	582	578	580
Foreign Languages, Literatures, and Linguistics	57	2	644	605	628
Health Professions and Related Clinical Services	441	16	585	597	584
History	47	2	628	590	587
Legal Professions and Studies	113	4	608	591	589
Liberal Arts and Sciences, General Studies, and Humanities	45	2	634	610	619
Library Science And Administration	2	0			
Mathematics and Statistics	30	1	606	680	627
Mechanic and Repair Technologies/Technician	3	0			
Military Technologies And Applied Sciences	5	0	568	514	540
Multi/Interdisciplinary Studies	14	1	678	668	686
Natural Resources and Conservation	15	1	619	581	607
Parks, Recreation, Leisure and Fitness Studies	6	0	610	582	577
Personal and Culinary Services	4	0			
Philosophy and Religious Studies	11	0	641	597	609
Physical Sciences	60	2	642	657	613
Precision Production					
Psychology	86	3	581	559	569
Public Administration and Social Services Professions	4	0			
Security and Protective Services	20	1	534	509	500
Social Sciences	86	3	642	595	625
Theology and Religious Vocations	5	0	666	620	598
Transportation and Materials Moving	2	0			
Visual and Performing Arts	217	8	579	552	564
Other	20	1	597	569	561
Undecided	240	9	624	627	620
Degree-Level Goal					
Certificate Program	19	1	515	548	512
Associate Degree	8	0	418	448	454
Bachelor's Degree	546	19	557	549	543
Master's Degree	832	30	588	590	572
Doctoral or Related Degree	977	35	621	622	609
Other	10	0	608	653	587
Undecided	414	15	600	602	589

College Plans

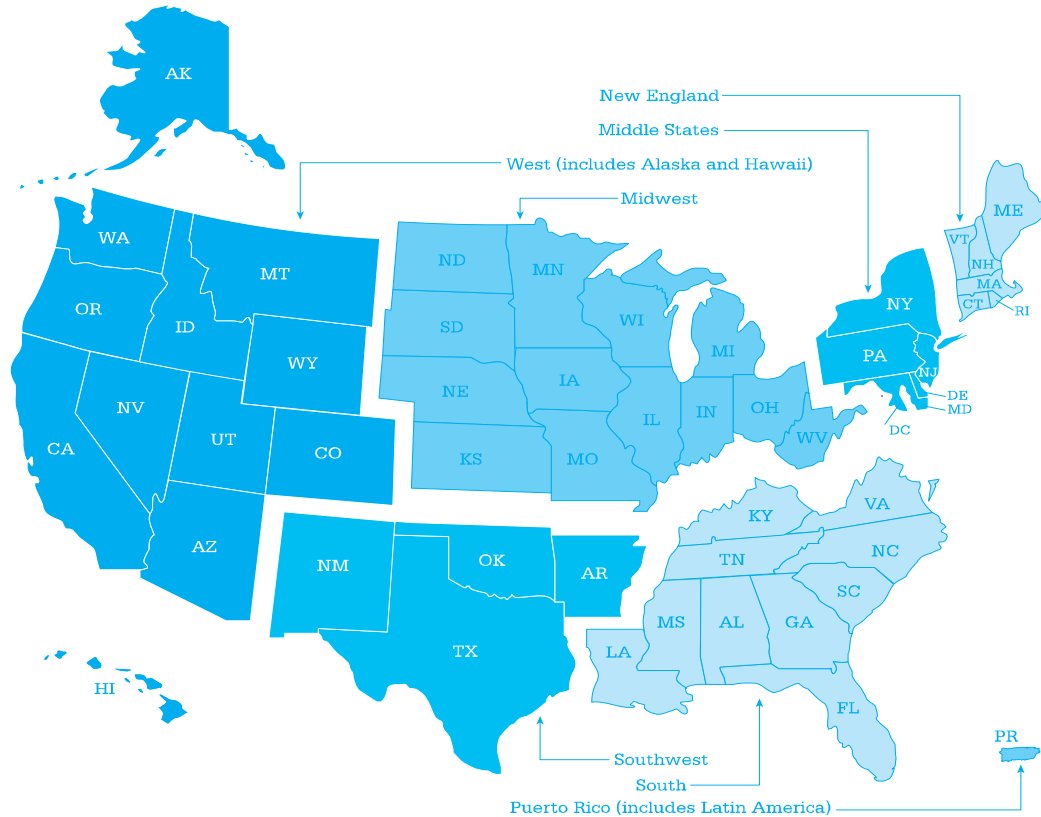
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 3,523 students from your state who took the SAT and/or an SAT Subject Test, 2,287 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 820 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
WASHINGTON UNIVERSITY	MO	Private	457	20.0
UNIVERSITY OF MISSOURI COLUMBIA	MO	Public	438	19.2
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	354	15.5
DUKE UNIVERSITY TIP	NC	Scholarship	275	12.0
NORTHWESTERN UNIVERSITY	IL	Private	262	11.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	262	11.5
PRINCETON UNIVERSITY	NJ	Private	230	10.1
STANFORD UNIVERSITY	CA	Private	222	9.7
YALE UNIVERSITY	CT	Private	209	9.1
VANDERBILT UNIVERSITY	TN	Private	206	9.0
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	190	8.3
DUKE UNIVERSITY	NC	Private	164	7.2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	158	6.9
BROWN UNIVERSITY	RI	Private	158	6.9
UNIVERSITY OF CHICAGO	IL	Private	155	6.8
SAINT LOUIS UNIVERSITY MISSOURI	MO	Private	153	6.7
CORNELL UNIVERSITY	NY	Private	141	6.2
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	137	6.0
DARTMOUTH COLLEGE	NH	Private	137	6.0
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	136	5.9
MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	MO	Public	134	5.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	130	5.7
TRUMAN STATE UNIVERSITY	MO	Public	129	5.6
UNIVERSITY OF KANSAS	KS	Public	119	5.2
UNIVERSITY OF ILLINOIS URBANA	IL	Public	117	5.1
RICE UNIVERSITY	TX	Private	111	4.9
UNIVERSITY OF MISSOURI KANSAS CITY	MO	Public	106	4.6
MISSOURI STATE UNIVERSITY SPRINGFIELD	MO	Public	105	4.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	102	4.5
BOSTON COLLEGE	MA	Private	98	4.3
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	98	4.3
EMORY UNIVERSITY	GA	Private	97	4.2
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE ADMISSIONS	MD	Private	93	4.1
UNIVERSITY OF VIRGINIA	VA	Public	91	4.0
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	90	3.9
BOSTON UNIVERSITY	MA	Private	89	3.9
GEORGETOWN UNIVERSITY	DC	Private	89	3.9
NCAA ELIGIBILITY CENTER	IN	Public	88	3.8
CARNEGIE MELLON UNIVERSITY	PA	Private	88	3.8
UNIVERSITY OF NOTRE DAME	IN	Private	87	3.8
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	84	3.7
NEW YORK UNIVERSITY	NY	Private	83	3.6
UNIVERSITY OF MIAMI	FL	Private	83	3.6
TEXAS CHRISTIAN UNIVERSITY	TX	Private	69	3.0
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	68	3.0

*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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