



2009 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 2009* includes students who tested through March 2009.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2009 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

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

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district, or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

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

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, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494
2009	503	498	501	534	499	515	486	499	493

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 2000–2009, all scores are reported on the recentered scale.

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SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. 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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	3,153	595	113	600	109	584	110	58.6	11.1	7.9	1.6

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,595	595	118	618	114	577	116	58.1	11.6	7.7	1.7
Female	1,558	594	107	582	101	592	103	59.1	10.5	8.0	1.5

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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2008-2009)	1,341	585	118	594	112	575	115	57.7	11.6	7.7	1.7
Junior (2007-2008)	1,759	604	107	605	107	593	105	59.5	10.6	8.0	1.6
Sophomore (2006-2007)	49	525	114	554	107	526	118	53.4	12.2	6.9	1.9
Freshman (2005-2006)	4										
Total	3,153	595	113	600	109	584	110	58.6	11.1	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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	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 2009 cohort took the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3%) 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	670	580	600	570
50th	600	610	590	500	510	490
25th	520	530	520	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.com/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	348	277	625	400	197	597	240	243	483
600–690	493	543	1,036	590	522	1,112	518	553	1,071
500–590	454	460	914	375	525	900	483	505	988
400–490	219	223	442	165	256	421	244	197	441
300–390	56	46	102	52	53	105	85	53	138
200–290	25	9	34	13	5	18	25	7	32

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,446	51	47	53	598	603	582
Religiously Affiliated	830	29	55	45	600	605	594
Independent	556	20	58	42	587	603	585
Other or Unknown	321		42	58	582	564	568

Table 8: Test-Taking Conditions

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,053	97	594	113	599	109	584	111
Nonstandard Conditions	100	3	610	95	632	101	606	95

Note: Percentiles are reported when there are 20 or more test-takers.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	17	1	551		545		553	
Asian, Asian American, or Pacific Islander	321	10	577	136	664	101	583	128
Black or African American	194	6	507	116	487	113	496	111
Mexican or Mexican American	45	1	481	178	500	143	477	177
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	38	1	592	107	573	112	569	117
White	2,340	74	609	100	606	98	596	99
Other	70	2	568	128	563	124	573	134
No Response	124	4	577	126	562	122	565	126
Total	3,153	100	595	113	600	109	584	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	6	0	527		560		523	
Asian, Asian American, or Pacific Islander	178	6	581	132	681	94	583	121
Black or African American	77	2	500	126	495	128	486	120
Mexican or Mexican American	29	1	423	181	476	156	421	180
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	20	1	583		584		564	
White	1,195	38	612	102	625	100	590	105
Other	23	1	531		543		507	
No Response	65	2	550	137	551	139	537	142
Total	1,595	51	595	118	618	114	577	116

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	11	0	564		537		569	
Asian, Asian American, or Pacific Islander	143	5	571	140	642	106	582	135
Black or African American	117	4	511	109	482	102	503	104
Mexican or Mexican American	16	1	584		543		577	
Puerto Rican	2	0						
Other Hispanic, Latino, or Latin American	18	1	603		562		576	
White	1,145	36	606	98	586	91	602	93
Other	47	1	586	112	572	133	605	128
No Response	59	2	607	106	573	97	597	96
Total	1,558	49	594	107	582	101	592	103

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	3,153	100	595	113	600	109	584	110
First Language Learned								
English	2,618	86	603	105	598	104	589	104
English and Another	233	8	566	130	594	126	565	127
Another Language	204	7	529	142	637	129	543	142
No Response	98		594	136	590	131	587	138
Citizenship								
U.S. Citizen / U.S. National	2,824	94	602	106	599	106	590	105
U.S. Permanent Resident or Refugee	64	2	596	122	644	120	603	115
Citizen of Another Country	103	3	453	110	616	127	476	126
Other, Unknown, or No Response	162		554	147	579	140	547	145
Disabling Condition								
Yes	165	5	583	107	584	114	568	105
Unknown or No Response	2,988		596	113	601	109	585	111
Plans to Apply for Financial Aid								
Yes	1,790	67	603	108	597	109	588	106
No	317	12	580	105	606	100	579	106
Don't Know	571	21	589	114	608	108	579	113
Family Income								
\$0 - \$20,000	58	3	525	120	562	117	528	108
\$20,000–\$40,000	140	7	548	118	550	121	525	113
\$40,000–\$60,000	222	11	579	115	581	108	569	115
\$60,000–\$80,000	276	14	589	113	592	108	578	114
\$80,000–\$100,000	285	15	606	110	598	102	593	105
\$100,000–\$120,000	267	14	603	100	602	105	595	99
\$120,000–\$140,000	151	8	604	101	617	104	599	98
\$140,000–\$160,000	110	6	612	109	615	99	591	106
\$160,000–\$200,000	145	7	609	114	617	120	593	117
More than \$200,000	310	16	611	99	620	99	602	97
No Response	1,189		595	116	602	111	586	113
Highest Level of Parental Education								
No High School Diploma	16	1	544		574		511	
High School Diploma	308	11	534	114	535	107	514	110
Associate Degree	107	4	562	120	556	114	549	111
Bachelor's Degree	946	33	586	100	593	104	576	98
Graduate Degree	1,460	51	620	108	625	103	610	104
Took the PSAT/NMSQT®								
Yes, As a Junior	709	27	597	107	602	102	587	103
Yes, As a Sophomore or Younger	470	18	573	107	578	109	561	109
Yes, As a Junior and As a Sophomore or Younger	1,108	42	633	93	634	91	623	89
No	330	13	527	123	537	125	508	118

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	996	58	49	51	649	658	639
Second Tenth	374	22	50	50	579	587	563
Second Fifth	193	11	58	42	546	554	527
Final Three Fifths	145	8	64	36	484	482	458
No Response	1,445		50	50	579	581	572

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)	524	17	51	49	666	669	654
A (93–96)	955	32	42	58	626	632	620
A- (90–92)	572	19	47	53	589	598	584
B (80–89)	848	28	59	41	541	541	524
C (70–79)	92	3	74	26	446	458	429
D, E, or F (below 70)	8	0	75	25	450	518	439
No Response	154		57	43	576	584	563
Mean Grade Point Average	All Students: 3.68		Male: 3.61		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	2.5	2.8	2.7	3.85	3.95	3.90
English and Language Arts	4.0	4.0	4.0	3.53	3.78	3.66
Foreign and Classical Languages	3.2	3.4	3.3	3.54	3.72	3.63
Mathematics	4.0	4.0	4.0	3.55	3.56	3.56
Natural Sciences	3.8	3.9	3.9	3.58	3.69	3.64
Social Sciences and History	3.8	3.8	3.8	3.64	3.73	3.69
Total for All Subjects	21.3	21.9	21.7			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	233	9	46	54	612	610	598	
4 Years	2,126	83	49	51	607	609	595	
3 Years	161	6	51	49	552	545	543	
2 Years	24	1	63	38	518	552	505	
1 Year	6	0	83	17	390	557	448	
1/2 Year or Less	7	0	71	29	391	530	429	
No Response	596		56	44	564	580	559	
Course Work or Experience								
English/Language Arts	2,312	95	48	52	603	605	591	
Journalism	370	15	39	61	601	583	596	
Creative Writing	684	28	48	52	590	585	579	
American Literature	1,618	66	45	55	607	603	595	
Composition/Writing	1,319	54	47	53	597	595	586	
British Literature	771	32	39	61	618	609	607	
World Literature	940	39	43	57	608	602	598	
Communications	385	16	48	52	576	576	568	
Public Speaking	817	34	50	50	598	595	590	
English As Second Language	84	3	49	51	457	588	475	
AP®/Honors Courses	1,383	54	43	57	644	636	631	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	373	15	55	45	612	644	602	
4 Years	1,928	75	49	51	608	606	595	
3 Years	237	9	42	58	558	536	545	
2 Years	21	1	67	33	529	534	537	
1 Year	3	0	100	0				
1/2 Year or Less	4	0	75	25				
No Response	587		56	44	561	579	557	
Highest Level of Mathematics Achieved*								
Calculus	1,392	55	55	45	635	657	625	
Pre-calculus	595	23	40	60	580	571	571	
Trigonometry	203	8	39	61	569	532	550	
Algebra II	290	11	46	54	512	490	494	
Algebra I	28	1	64	36	446	433	440	
AP/Honors Courses	1,427	56	51	49	641	654	630	

*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.

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
More Than 4 Years	411	16	48	52	630	654	623
4 Years	1,513	59	49	51	610	610	597
3 Years	530	21	50	50	573	565	560
2 Years	73	3	62	38	536	534	528
1 Year	13	1	54	46	556	551	539
1/2 Year or Less	12	0	33	67	502	561	522
No Response	601		57	43	562	579	557
Course Work or Experience							
Biology	2,397	97	49	51	603	605	591
Chemistry	2,331	94	49	51	606	608	594
Physics	1,846	75	53	47	616	624	604
Geology, Earth, or Space Science	792	32	43	57	578	571	563
Other Sciences	948	38	43	57	590	592	578
AP/Honors Courses	1,389	54	50	50	642	648	630

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	251	10	49	51	620	614	607
4 Years	1,577	62	49	51	613	611	601
3 Years	636	25	48	52	581	590	568
2 Years	63	2	54	46	528	563	530
1 Year	10	0	80	20	484	539	501
1/2 Year or Less	9	0	67	33	492	613	508
No Response	607		57	43	562	579	557
Course Work or Experience							
U.S. History	2,353	95	49	51	605	607	592
World History or Cultures	2,081	84	49	51	602	604	590
U.S. Government or Civics	1,905	77	48	52	602	602	588
Economics	634	26	55	45	594	601	577
Geography	594	24	43	57	569	567	556
Psychology	858	35	39	61	604	598	594
European History	852	34	48	52	616	615	606
Sociology	287	12	33	67	567	563	559
Ancient History	655	26	55	45	606	604	596
Other Courses	498	20	43	57	599	597	587
AP/Honors Courses	1,415	56	48	52	643	638	628

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	216	8	46	54	619	634	620
4 Years	1,188	46	46	54	629	629	621
3 Years	531	21	48	52	597	599	581
2 Years	531	21	56	44	559	559	539
1 Year	63	2	62	38	515	520	503
1/2 Year or Less	36	1	56	44	481	536	458
No Response	588		56	44	563	579	558
Course Work or Experience							
Chinese	44	2	55	45	552	647	538
French	586	24	36	64	605	594	594
German	181	7	51	49	606	603	589
Greek	48	2	67	33	679	675	655
Hebrew	15	1	33	67	552	531	535
Italian	14	1	64	36	624	614	581
Japanese	47	2	64	36	584	629	572
Korean	10	0	20	80	467	646	481
Latin	344	14	63	37	643	637	622
Russian	12	0	75	25	642	637	616
Spanish	1,477	60	50	50	596	601	587
Other Languages	40	2	45	55	571	591	547
AP/Honors Courses	977	38	46	54	648	649	641

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	188	7	47	53	597	605	581
4 Years	746	29	42	58	618	611	605
3 Years	376	15	44	56	599	596	586
2 Years	588	23	53	47	592	599	586
1 Year	547	21	56	44	598	609	584
1/2 Year or Less	105	4	64	36	581	592	565
No Response	603		56	44	565	580	561
Course Work or Experience							
Acting or Play Production	652	27	40	60	617	596	599
Art History or Appreciation	509	21	43	57	597	592	581
Dance	269	11	18	82	595	584	588
Drama: Study or Appreciation	516	22	41	59	601	585	585
Music: Study or Appreciation	463	19	47	53	608	602	593
Music Performance	1,289	54	48	52	612	613	599
Photography or Film	444	19	38	62	596	593	586
Studio Art and Design	688	29	42	58	601	604	590
None	141	6	66	34	569	584	561
AP/Honors Courses	289	11	41	59	644	637	635

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,662	71	50	50	605	606	592
Computer Programming	530	23	72	28	601	624	586
Word Processing	1,729	74	48	52	604	604	590
Internet Activity	1,319	56	49	51	604	607	592
Using Computer Graphics	796	34	49	51	597	601	587
Creating Spreadsheets/Databases	946	40	52	48	606	613	596
None	224	10	43	57	594	593	588

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
1,160	3,099	871	669	683	662

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	58	5
2	435	38
3	533	46
4 or More	134	12

Table 21: Mean Scores for SAT Subject Tests 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		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	505	655	88	373	685	74	662	80	675	73
History and Social Studies										
U.S. History	404	644	101	314	682	82	671	86	673	84
World History	58	664	94	41	722	78	685	79	693	79
Mathematics										
Mathematics Level 1	333	635	95	229	645	85	663	78	636	85
Mathematics Level 2	684	702	87	529	675	92	714	65	670	87
Science										
Biology-E	138	649	89	109	666	85	673	80	663	76
Biology-M	185	689	85	137	687	89	703	74	689	86
Chemistry	321	681	96	239	688	88	723	65	681	81
Physics	207	696	77	173	676	91	727	58	667	89
Foreign and Classical Languages										
Chinese/Listening	20	754		15	667		725		634	
French	54	636	99	49	692	74	666	65	689	71
French/Listening	14	659		12	710		690		715	
German	2			2						
German/Listening										
Modern Hebrew										
Italian										
Japanese/Listening	7	681		7	577		687		590	
Korean/Listening	12	778		8	535		686		580	
Latin	31	669	105	29	706	65	706	75	691	65
Spanish	97	604	96	74	664	79	667	87	673	79
Spanish/Listening	27	601	113	23	679		656		677	

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	75	15	72	18	14	24
700-740	123	24	64	16	8	14
650-690	106	21	82	20	10	17
600-640	84	17	72	18	13	22
550-590	45	9	43	11	9	16
500-540	45	9	34	8	2	3
450-490	14	3	21	5		
400-440	11	2	9	2	1	2
350-390	2	0	6	1	1	2
300-340			1	0		
250-290						
200-240						
Total	505		404		58	
Mean	655		644		664	
SD	88		101		94	
75th percentile	720		720		730	
50th percentile	670		650		650	
25th percentile	600		580		600	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	37	11	272	40	19	14	61	33	100	31	60	29
700-740	68	20	115	17	25	18	39	21	68	21	62	30
650-690	62	19	115	17	35	25	32	17	47	15	36	17
600-640	65	20	89	13	22	16	22	12	43	13	26	13
550-590	50	15	57	8	20	14	17	9	26	8	14	7
500-540	23	7	28	4	9	7	10	5	22	7	7	3
450-490	12	4	7	1	5	4	3	2	10	3	1	0
400-440	12	4	1	0	2	1	1	1	5	2	1	0
350-390	4	1			1	1						
300-340												
250-290												
200-240												
Total	333		684		138		185		321		207	
Mean	635		702		649		689		681		696	
SD	95		87		89		85		96		77	
75th percentile	710		780		710		760		760		750	
50th percentile	640		720		660		700		700		710	
25th percentile	570		640		580		630		620		650	

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	13	65	7	13	2	14	1	50				
700-740	3	15	9	17	3	21						
650-690	3	15	13	24	3	21	1	50				
600-640	1	5	6	11	4	29						
550-590			6	11	1	7						
500-540			9	17								
450-490			4	7	1	7						
400-440												
350-390												
300-340												
250-290												
200-240												
Total	20		54		14		2					
Mean	754		636		659							
SD			99									
75th percentile	800		700									
50th percentile	780		660									
25th percentile	700		540									

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	43	11	92	9	29	5	5	2	7
700-740			2	29			7	23	12	12	3	11
650-690							3	10	17	18	5	19
600-640					1	8	4	13	18	19	8	30
550-590							3	10	21	22	1	4
500-540							4	13	13	13	1	4
450-490			1	14					5	5	4	15
400-440			1	14					2	2	1	4
350-390							1	3	4	4	2	7
300-340												
250-290												
200-240												
Total			7		12		31		97		27	
Mean			681		778		669		604		601	
SD							105		96		113	
75th percentile							750		660		690	
50th percentile							690		600		620	
25th percentile							580		540		470	

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	10	0	540	540	538
Architecture and Related Services	52	2	561	590	556
Area, Ethnic, Cultural and Gender Studies	4	0			
Biological and Biomedical Sciences	178	8	623	628	609
Business Management, Marketing, and Related Support Services	294	13	560	580	554
Communication, Journalism and Related Programs	89	4	585	559	581
Computer and Information Sciences and Support Services	35	2	585	596	561
Construction Trades					
Education	68	3	561	534	554
Engineering	255	12	607	643	585
Engineering Technologies/Technicians	12	1	594	643	586
English Language and Literature/Letters	54	2	663	612	651
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	42	2	665	645	643
Health Professions and Related Clinical Services	330	15	577	594	578
History	32	1	658	599	617
Legal Professions and Studies	82	4	579	556	559
Liberal Arts and Sciences, General Studies, and Humanities	41	2	621	589	594
Library Science/Librarianship	1	0			
Mathematics and Statistics	29	1	653	717	628
Mechanic and Repair Technologies/Technician	1	0			
Military Sciences	6	0	515	525	522
Multi/Interdisciplinary Studies	11	1	688	671	687
Natural Resources and Conservation	13	1	635	595	618
Parks, Recreation, Leisure and Fitness Studies	4	0			
Personal and Culinary Services	4	0			
Philosophy and Religious Studies	9	0	706	653	697
Physical Sciences	65	3	658	672	628
Precision Production					
Psychology	68	3	587	575	565
Public Administration and Social Services Professions	8	0	640	546	601
Security and Protective Services	8	0	476	489	494
Social Sciences	76	3	644	613	627
Theology and Religious Vocations	8	0	663	623	631
Transportation and Materials Moving	1	0			
Visual and Performing Arts	181	8	591	565	574
Other	10	0	505	527	485
Undecided	94	4	623	640	617
Degree-Level Goal					
Certificate Program	7	0	467	507	474
Associate Degree	7	0	531	456	480
Bachelor's Degree	412	15	556	551	542
Master's Degree	797	30	592	596	580
Doctoral or Related Degree	901	34	620	625	607
Other	4	0			
Undecided	551	21	605	614	597

College Plans

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

Of the 3,442 students from your state who took the SAT and/or an SAT Subject Test, 2,330 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 872 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
WASHINGTON UNIVERSITY	MO	Private	486	20.9
UNIVERSITY OF MISSOURI COLUMBIA	MO	Public	472	20.3
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	332	14.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	233	10.0
STANFORD UNIVERSITY	CA	Private	233	10.0
YALE UNIVERSITY	CT	Private	225	9.7
NORTHWESTERN UNIVERSITY	IL	Private	223	9.6
VANDERBILT UNIVERSITY	TN	Private	214	9.2
SAINT LOUIS UNIVERSITY MISSOURI	MO	Private	212	9.1
PRINCETON UNIVERSITY	NJ	Private	206	8.8
TRUMAN STATE UNIVERSITY	MO	Public	175	7.5
DUKE UNIVERSITY	NC	Private	164	7.0
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	160	6.9
NEW YORK UNIVERSITY	NY	Private	160	6.9
MISSOURI UNIVERSITY OF SCIENCE AND TECHN	MO	Public	152	6.5
CORNELL UNIVERSITY	NY	Private	142	6.1
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	141	6.1
UNIVERSITY OF ILLINOIS URBANA	IL	Public	138	5.9
UNIVERSITY OF CHICAGO	IL	Private	132	5.7
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	130	5.6
GEORGETOWN UNIVERSITY	DC	Private	122	5.2
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	121	5.2
UNIVERSITY OF KANSAS	KS	Public	118	5.1
UNIVERSITY OF NOTRE DAME	IN	Private	117	5.0
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	114	4.9
BROWN UNIVERSITY	RI	Private	114	4.9
BOSTON COLLEGE	MA	Private	110	4.7
BOSTON UNIVERSITY	MA	Private	109	4.7
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	108	4.6
RICE UNIVERSITY	TX	Private	108	4.6
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	107	4.6
NCAA ELIGIBILITY CENTER	IN	Public	103	4.4
UNIVERSITY OF MISSOURI KANSAS CITY	MO	Public	102	4.4
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	100	4.3
UNIVERSITY OF VIRGINIA	VA	Public	95	4.1
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	93	4.0
LOYOLA UNIVERSITY CHICAGO	IL	Private	90	3.9
MISSOURI STATE UNIVERSITY SPRINGFIELD	MO	Public	90	3.9
DARTMOUTH COLLEGE	NH	Private	85	3.6
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	84	3.6
EMORY UNIVERSITY	GA	Private	83	3.6
MIAMI UNIVERSITY	OH	Public	76	3.3
UNIVERSITY OF TEXAS AUSTIN	TX	Public	73	3.1
UNIVERSITY OF WISCONSIN MADISON	WI	Public	69	3.0
JOHNS HOPKINS UNIVERSITY	MD	Private	68	2.9

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

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