



2008 College-Bound Seniors

State Profile Report

MISSOURI

Included in this Report

SAT Reasoning Test™ Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT Reasoning Test™ (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 2008* includes students who tested through March 2008.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2008 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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 200–800 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: Connecting Students to College Success

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 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 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.

A note about changes to the SAT Questionnaire:

In the 2006-2007 academic year, changes to the SAT Questionnaire were made. Sections of this report most notably affected by this change are Course-Taking Patterns and Intended College Major. In this year's report, the questionnaire responses of some students were not reported as their responses did not map to the current reporting tables. For complete details on the changes please visit www.collegeboard.com/cbs.

Total Group Mean SAT Reasoning Test Scores

College-Bound Seniors, 1972–2008

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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494

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 2000–2008, all scores are reported on the recentered scale.

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SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2008. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2008. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Total	3,483	594	110	597	107	584	108	58.6	11.0	7.9	1.7

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Male	1,704	593	116	615	110	574	113	57.8	11.3	7.6	1.8
Female	1,777	594	104	580	101	594	104	59.3	10.6	8.1	1.5
No Response**	2										

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

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

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Senior (2007-2008)	1,551	588	118	591	112	578	115	58.1	11.6	7.8	1.8
Junior (2006-2007)	1,876	599	104	603	103	590	102	59.1	10.4	7.9	1.6
Sophomore (2005-2006)	49	572	95	567	102	548	83	55.2	8.7	7.6	1.5
Freshman (2004-2005)	7	510		549		437		42.7		7.3	
Total	3,483	594	110	597	107	584	108	58.6	11.0	7.9	1.7

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 Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay
Total Group	1,518,859	502	112	515	116	494	110	49.5	11.1	7.1	1.7

*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 3,483 students in this report, 3,479 students have scores on 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 .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

**'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

SAT Reasoning Test 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 Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	670	680	660	580	590	570
50th	600	610	590	500	510	490
25th	520	520	510	420	430	420

Table 6: Score Distributions

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	147	126	273	204	82	286	99	132	231
700–740	193	193	386	227	142	369	142	184	326
650–690	242	244	486	320	299	619	230	277	507
600–640	312	355	669	275	298	573	283	302	586
550–590	274	301	575	243	323	567	308	306	615
500–540	220	257	477	178	270	449	246	266	512
450–490	126	148	274	135	184	319	176	163	339
400–440	98	91	189	64	110	174	107	93	200
350–390	44	47	91	29	55	84	61	33	94
300–340	26	10	36	17	11	28	31	13	44
250–290	12	4	16	8	1	9	7	3	10
200–240	10	1	11	4	2	6	12	3	15

Table 7: Type of High School

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,683	52	45	55	593	598	579
Religiously Affiliated	961	30	53	47	593	598	587
Independent	594	18	56	43	598	608	597
Other or Unknown	245						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,385	97	593	111	596	107	583	109
Nonstandard Conditions	98	3	619	86	634	95	611	85

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

Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Reasoning Test Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	16	0	594		572		551	
Asian, Asian American, or Pacific Islander	316	9	573	136	648	105	576	130
Black or African American	176	5	517	111	491	103	500	103
Mexican or Mexican American	53	2	507	128	504	102	494	116
Puerto Rican	7	0	570		567		567	
Other Hispanic, Latino, or Latin American	62	2	562	105	566	108	554	90
White	2,483	71	606	99	603	100	595	99
Other	78	2	580	117	590	111	599	107
No Response	292	8	583	132	586	113	572	133
Total	3,483	100	594	110	597	107	584	108

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test 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	8	0	610		581		539	
Asian, Asian American, or Pacific Islander	167	5	571	139	658	108	568	130
Black or African American	67	2	514	113	508	116	494	100
Mexican or Mexican American	28	1	489	148	506	119	483	134
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	34	1	565	113	590	101	558	99
White	1,203	35	611	101	625	102	588	102
Other	30	1	576	120	596	108	581	109
No Response	163	5	548	144	573	123	530	139
Total	1,704	49	593	116	615	110	574	113

Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test 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	8	0	578		563		563	
Asian, Asian American, or Pacific Islander	149	4	575	133	636	102	585	129
Black or African American	109	3	519	109	480	92	504	105
Mexican or Mexican American	25	1	528	96	501	78	507	90
Puerto Rican	3	0						
Other Hispanic, Latino, or Latin American	28	1	558	94	536	108	550	79
White	1,279	37	602	96	583	94	601	95
Other	48	1	582	115	587	112	610	104
No Response	128	4	627	101	602	98	626	103
Total	1,777	51	594	104	580	101	594	104

Demographic Information

SAT Reasoning Test: 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 Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	3,483	100	594	110	597	107	584	108
First Language Learned								
English	2,708	87	598	102	594	103	586	101
English and Another	217	7	572	129	594	129	571	129
Another Language	174	6	531	134	625	107	536	129
No Response	384							
Citizenship								
U.S. Citizen / U.S. National	2,933	96	598	103	596	104	587	103
U.S. Permanent Resident or Refugee	50	2	584	137	638	116	589	137
Citizen of Another Country	70	2	469	129	617	102	490	112
Other, Unknown, or No Response	430							
Disabling Condition								
Yes	193	6	580	102	576	110	563	102
Unknown or No Response	3,290							
Plans to Apply for Financial Aid								
Yes	1,868	67	595	107	593	106	582	103
No	297	11	590	96	605	98	589	102
Don't Know	623	22	599	103	607	104	591	102
Family Income								
\$0 - \$20,000	68	3	501	131	528	122	495	125
\$20,000–\$40,000	164	8	556	117	556	107	542	109
\$40,000–\$60,000	225	11	580	109	578	108	562	106
\$60,000–\$80,000	298	15	596	110	594	104	578	105
\$80,000–\$100,000	297	15	585	100	588	100	577	100
\$100,000–\$120,000	254	13	597	94	603	96	588	98
\$120,000–\$140,000	133	7	611	105	612	100	595	100
\$140,000–\$160,000	110	5	590	99	606	110	582	102
\$160,000–\$200,000	146	7	607	80	610	93	598	87
More than \$200,000	318	16	599	96	609	94	599	89
No Response	1,470							
Highest Level of Parental Education								
No High School Diploma	11	0	496		547		516	
High School Diploma	349	12	537	111	536	106	521	105
Associate Degree	105	4	555	105	552	107	540	97
Bachelor's Degree	1,001	34	593	102	593	99	583	100
Graduate Degree	1,457	50	614	99	620	97	606	96
Took the PSAT/NMSQT®								
Yes, As a Junior	773	28	593	104	595	102	580	100
Yes, As a Sophomore or Younger	463	17	576	99	580	102	563	94
Yes, As a Junior and As a Sophomore or Younger	1,201	44	626	94	625	94	621	92
No	289	11	527	111	536	113	511	104

Academic Information

Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	949	55	48	52	642	652	633
Second Tenth	411	24	47	53	584	586	573
Second Fifth	217	13	54	46	551	549	534
Final Three Fifths	152	9	58	41	512	513	493
No Response	1,754						

Table 14: High School Grade Point Average

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	547	18	42	58	652	659	646
A (93–96)	936	31	40	60	621	625	614
A- (90–92)	641	21	50	50	588	590	577
B (80–89)	826	27	58	42	539	542	528
C (70–79)	97	3	61	39	493	472	467
D, E, or F (below 70)	7	0	86	14	480	473	464
No Response	429						
Mean Grade Point Average	All Students: 3.68		Male: 3.59		Female: 3.76		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.4	2.7	2.6	3.86	3.94	3.90
English and Language Arts	4.0	4.0	4.0	3.51	3.75	3.64
Foreign and Classical Languages	3.2	3.4	3.3	3.52	3.69	3.61
Mathematics	4.1	4.0	4.0	3.54	3.56	3.55
Natural Sciences	3.9	3.9	3.9	3.57	3.65	3.61
Social Sciences and History	3.8	3.8	3.8	3.64	3.72	3.69
Total for All Subjects	21.4	21.8	21.6			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	277	11	41	59	624	609	610
4 Years	2,145	83	48	52	598	602	589
3 Years	159	6	50	50	546	559	530
2 Years	12	0	42	58	508	544	510
1 Year	3	0	33	67			
1/2 Year or Less	2	0	0	100			
No Response	885						
Course Work or Experience							
English/Language Arts	2,377	95	46	54	599	600	589
Journalism	414	17	36	64	598	582	595
Creative Writing	764	30	47	53	587	580	580
American Literature	1,647	66	44	56	601	599	594
Composition/Writing	1,366	55	47	53	595	594	588
British Literature	789	31	38	62	611	601	600
World Literature	933	37	41	59	604	596	595
Communications	383	15	46	54	577	569	570
Public Speaking	850	34	46	54	598	593	589
English As Second Language	73	3	42	56	495	592	513
AP®/Honors Courses	1,365	53	42	58	635	631	627

Mathematics	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	387	15	53	47	617	642	607
4 Years	1,943	75	46	53	599	599	590
3 Years	248	10	44	56	560	541	541
2 Years	17	1	35	65	487	514	465
1 Year	2	0	100	0			
1/2 Year or Less							
No Response	886						
Highest Level of Mathematics Achieved*							
Calculus	1,396	54	51	49	632	653	623
Pre-calculus	620	24	43	57	575	562	564
Trigonometry	226	9	40	60	560	531	550
Algebra II	310	12	39	61	524	495	512
Algebra I	26	1	38	62	518	488	507
AP/Honors Courses	1,332	51	49	51	634	652	627

*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 Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	438	17	48	52	627	641	619
4 Years	1,513	58	47	52	601	604	590
3 Years	565	22	46	54	573	565	565
2 Years	62	2	44	56	504	505	493
1 Year	16	1	50	50	576	572	572
1/2 Year or Less	8	0	13	88	484	531	484
No Response	881						
Course Work or Experience							
Biology	2,490	98	46	54	598	600	589
Chemistry	2,420	95	46	54	601	604	592
Physics	1,859	73	51	49	609	618	599
Geology, Earth, or Space Science	862	34	45	55	576	569	564
Other Sciences	1,003	39	38	62	589	584	580
AP/Honors Courses	1,254	48	47	53	636	646	627

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	250	10	50	50	622	616	610
4 Years	1,659	64	49	51	603	604	594
3 Years	631	24	40	60	576	584	564
2 Years	44	2	61	39	524	548	525
1 Year	9	0	78	22	620	673	636
1/2 Year or Less	3	0	33	67			
No Response	887						
Course Work or Experience							
U.S. History	2,438	95	47	53	600	602	590
World History or Cultures	2,206	86	47	53	596	597	586
U.S. Government or Civics	1,997	78	46	54	595	595	583
Economics	614	24	53	47	602	610	594
Geography	645	25	40	60	576	574	567
Psychology	925	36	37	63	599	596	586
European History	875	34	48	52	621	617	610
Sociology	313	12	34	66	568	563	557
Ancient History	643	25	55	45	599	599	590
Other Courses	555	22	39	61	592	586	582
AP/Honors Courses	1,364	53	47	53	638	635	627

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	212	8	45	55	640	645	633
4 Years	1,158	45	45	55	620	623	617
3 Years	552	21	45	55	585	585	572
2 Years	591	23	53	46	561	559	542
1 Year	55	2	62	38	529	542	498
1/2 Year or Less	30	1	37	63	450	496	440
No Response	885						
Course Work or Experience							
Chinese	42	2	55	45	573	633	560
French	592	23	35	65	610	605	601
German	211	8	57	43	613	617	593
Greek	54	2	78	22	665	652	645
Hebrew	17	1	29	71	591	566	596
Italian	12	0	50	50	658	646	634
Japanese	45	2	47	53	576	617	570
Korean	8	0	0	100	479	623	503
Latin	324	13	56	44	636	618	615
Russian	13	1	85	15	655	682	625
Spanish	1,519	59	46	54	588	591	582
Other Languages	28	1	39	61	564	584	559
AP/Honors Courses	923	36	44	56	641	641	637

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	204	8	42	58	617	610	608
4 Years	692	27	40	60	607	605	600
3 Years	362	14	45	55	598	589	583
2 Years	527	20	51	49	586	593	575
1 Year	701	27	51	49	592	602	582
1/2 Year or Less	92	4	55	45	571	585	565
No Response	905						
Course Work or Experience							
Acting or Play Production	700	29	39	61	613	595	602
Art History or Appreciation	503	21	43	57	598	588	588
Dance	268	11	18	82	589	578	588
Drama: Study or Appreciation	548	23	38	62	608	590	599
Music: Study or Appreciation	464	19	49	51	607	601	600
Music Performance	1,249	52	45	55	610	606	599
Photography or Film	428	18	41	59	596	594	589
Studio Art and Design	725	30	41	59	599	598	588
None	169	7	56	44	557	577	547
AP/Honors Courses	289	11	41	59	645	642	634

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,752	73	48	52	601	600	589
Computer Programming	525	22	71	29	594	612	577
Word Processing	1,798	75	46	54	600	600	589
Internet Activity	1,325	55	48	52	602	601	588
Using Computer Graphics	827	34	52	48	596	601	583
Creating Spreadsheets/Databases	946	39	51	49	603	609	591
None	209	9	35	65	594	593	586

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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
1,202	3,218	925	667	676	661

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	64	5
2	435	36
3	568	47
4 or More	135	11

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

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

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	520	647	95	387	681	79	654	82	676	78
History and Social Studies										
U.S. History	441	655	91	355	685	77	665	78	675	77
World History	52	630	95	35	688	93	637	86	663	94
Mathematics										
Mathematics Level 1	374	625	94	278	640	98	649	88	643	100
Mathematics Level 2	704	689	88	555	672	91	703	69	667	90
Science										
Biology-E	141	634	91	107	667	87	678	76	666	86
Biology-M	185	672	81	143	694	80	695	77	684	89
Chemistry	319	677	88	247	677	97	712	75	673	96
Physics	200	685	85	163	675	88	717	65	664	89
Foreign and Classical Languages										
Chinese/Listening	26	768	48	22	643		702		640	
French	59	635	108	53	680	76	652	97	681	76
French/Listening	23	679		17	716		708		717	
German	3			3						
German/Listening	6	565		5	722		682		710	
Modern Hebrew	2			2						
Italian	1									
Japanese/Listening	10	668		8	619		626		609	
Korean/Listening	8	763		7	521		677		549	
Latin	24	654		21	678		665		683	
Spanish	103	622	97	85	663	92	655	84	667	93
Spanish/Listening	17	605		16	686		677		684	

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	72	14	71	16	6	12
700-740	112	22	90	20	8	15
650-690	114	22	111	25	9	17
600-640	86	17	63	14	11	21
550-590	52	10	47	11	5	10
500-540	39	8	32	7	9	17
450-490	28	5	14	3	4	8
400-440	12	2	10	2		
350-390	4	1	2	0		
300-340	1	0	1	0		
250-290						
200-240						
Total	520		441		52	
Mean	647		655		630	
SD	95		91		95	
75th percentile	720		720		700	
50th percentile	660		670		630	
25th percentile	590		600		540	

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	32	9	236	34	12	9	29	16	82	26	53	27
700-740	70	19	134	19	23	16	55	30	66	21	48	24
650-690	73	20	115	16	38	27	47	25	71	22	38	19
600-640	72	19	109	15	29	21	29	16	49	15	30	15
550-590	51	14	61	9	16	11	12	6	23	7	20	10
500-540	36	10	34	5	9	6	4	2	12	4	4	2
450-490	21	6	13	2	7	5	5	3	11	3	7	4
400-440	17	5	2	0	6	4	3	2	4	1		
350-390					1	1	1	1	1	0		
300-340	2	1										
250-290												
200-240												
Total	374		704		141		185		319		200	
Mean	625		689		634		672		677		685	
SD	94		88		91		81		88		85	
75th percentile	700		770		690		720		750		750	
50th percentile	640		700		650		690		690		700	
25th percentile	560		620		590		630		630		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	20	77	10	17	4	17			1	17		
700-740	3	12	12	20	8	35					2	100
650-690	2	8	9	15	3	13	1	33				
600-640	1	4	8	14	4	17						
550-590			6	10	2	9			1	17		
500-540			6	10	1	4	1	33	3	50		
450-490			3	5	1	4	1	33				
400-440			5	8					1	17		
350-390												
300-340												
250-290												
200-240												
Total	26		59		23		3		6		2	
Mean	768		635		679				565			
SD	48		108									
75th percentile	800		720		730							
50th percentile	790		650		690							
25th percentile	740		540		620							

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	1	100	5	50	6	75	8	33	11	11	1	6
700-740					1	13	5	21	12	12	4	24
650-690			1	10			2	8	23	22	2	12
600-640			1	10	1	13			18	17	1	6
550-590			1	10			2	8	18	17	3	18
500-540							5	21	10	10	5	29
450-490			2	20			1	4	5	5		
400-440									4	4		
350-390							1	4	2	2	1	6
300-340												
250-290												
200-240												
Total	1		10		8		24		103		17	
Mean			668		763		654		622		605	
SD									97			
75th percentile							750		680			
50th percentile							720		630			
25th percentile							520		550			

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	8	0	565	570	541
Architecture and Related Services	42	2	569	608	568
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	152	7	615	610	605
Business Management, Marketing, and Related Support Services	282	13	560	579	559
Communication, Journalism and Related Programs	105	5	592	563	589
Computer and Information Sciences and Support Services	42	2	609	621	550
Construction Trades	1	0			
Education	94	4	559	542	549
Engineering	249	11	603	645	579
Engineering Technologies/Technicians	18	1	512	540	491
English Language and Literature/Letters	62	3	668	610	652
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	41	2	629	578	621
Health Professions and Related Clinical Services	349	16	581	596	577
History	40	2	632	589	597
Legal Professions and Studies	77	3	600	584	587
Liberal Arts and Sciences, General Studies, and Humanities	47	2	645	609	618
Library Science/Librarianship	2	0			
Mathematics and Statistics	33	1	648	701	638
Mechanic and Repair Technologies/Technician	2	0			
Military Sciences	7	0	573	563	523
Multi/Interdisciplinary Studies	8	0	720	706	721
Natural Resources and Conservation	11	0	615	605	602
Parks, Recreation, Leisure and Fitness Studies	4	0			
Personal and Culinary Services	2	0			
Philosophy and Religious Studies	17	1	625	620	619
Physical Sciences	74	3	655	663	636
Precision Production	1	0			
Psychology	84	4	585	561	578
Public Administration and Social Services Professions	4	0			
Security and Protective Services	15	1	521	535	503
Social Sciences	72	3	634	615	626
Theology and Religious Vocations	8	0	661	629	644
Transportation and Materials Moving	1	0			
Visual and Performing Arts	175	8	599	574	587
Other	11	0	589	576	565
Undecided	92	4	622	626	611
Degree-Level Goal					
Certificate Program	8	0	506	546	535
Associate Degree	5	0	458	502	468
Bachelor's Degree	445	16	556	557	542
Master's Degree	884	31	590	594	579
Doctoral or Related Degree	900	32	616	618	607
Other	9	0	531	541	549
Undecided	556	20	606	605	597

College Plans

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

Of the 3,760 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 2,696 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 969 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MISSOURI COLUMBIA	MO	Public	626	23.2
WASHINGTON UNIVERSITY	MO	Private	571	21.2
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	379	14.1
NORTHWESTERN UNIVERSITY	IL	Private	314	11.6
SAINT LOUIS UNIVERSITY MISSOURI	MO	Private	275	10.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	262	9.7
STANFORD UNIVERSITY	CA	Private	247	9.2
TRUMAN STATE UNIVERSITY	MO	Public	245	9.1
YALE UNIVERSITY	CT	Private	221	8.2
PRINCETON UNIVERSITY	NJ	Private	205	7.6
UNIVERSITY OF CHICAGO	IL	Private	197	7.3
MISSOURI UNIVERSITY OF SCIENCE AND TECHN	MO	Public	192	7.1
VANDERBILT UNIVERSITY	TN	Private	190	7.0
CORNELL UNIVERSITY	NY	Private	177	6.6
THE UNIVERSITY OF KANSAS	KS	Public	177	6.6
NEW YORK UNIVERSITY	NY	Private	176	6.5
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	168	6.2
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	164	6.1
RICE UNIVERSITY	TX	Private	163	6.0
DUKE UNIVERSITY	NC	Private	154	5.7
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	150	5.6
GEORGETOWN UNIVERSITY	DC	Private	149	5.5
BROWN UNIVERSITY	RI	Private	141	5.2
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	140	5.2
UNIVERSITY OF NOTRE DAME	IN	Private	136	5.0
UNIVERSITY OF ILLINOIS URBANA	IL	Public	136	5.0
BOSTON COLLEGE	MA	Private	133	4.9
MISSOURI STATE UNIVERSITY SPRINGFIELD	MO	Public	131	4.9
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	128	4.7
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	127	4.7
BOSTON UNIVERSITY	MA	Private	127	4.7
LOYOLA UNIVERSITY CHICAGO	IL	Private	124	4.6
INDIANA UNIVERSITY BLOOMINGTON	IN	Public	123	4.6
UNIVERSITY OF MISSOURI KANSAS CITY	MO	Public	122	4.5
EMORY UNIVERSITY	GA	Private	121	4.5
DARTMOUTH COLLEGE	NH	Private	116	4.3
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	111	4.1
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	98	3.6
UNIVERSITY OF WISCONSIN MADISON	WI	Public	97	3.6
MIAMI UNIVERSITY OXFORD	OH	Public	90	3.3
NCAA ELIGIBILITY CENTER	IA	Public	87	3.2
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	84	3.1
UNIVERSITY OF VIRGINIA	VA	Public	84	3.1
UNIVERSITY OF TEXAS AUSTIN	TX	Public	83	3.1
UNIVERSITY OF MISSOURI SAINT LOUIS	MO	Public	77	2.9

*Of your students who designated that their SAT Reasoning Test 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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