



2008 College-Bound Seniors

State Profile Report

IOWA

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	SD	Essay
Total	1,330	603	108	612	103	582	105	58.7	10.7	7.7	1.6

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	SD	Essay
Male	612	605	108	635	102	574	106	58.1	10.7	7.5	1.7
Female	718	601	108	593	100	589	104	59.2	10.6	7.8	1.5
No Response**											

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	SD	Essay
Senior (2007-2008)	595	592	118	610	110	577	110	58.2	11.4	7.6	1.5
Junior (2006-2007)	698	612	100	616	96	588	100	59.2	10.1	7.7	1.6
Sophomore (2005-2006)	30	599	84	583	104	553	91	56.0	8.8	7.6	1.5
Freshman (2004-2005)	7	561		567		497		53.3		5.5	
Total	1,330	603	108	612	103	582	105	58.7	10.7	7.7	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 Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Number	Mean	SD	Mean	SD	Mean	SD	Multiple Choice	SD	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 1,330 students in this report, 1,329 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	680	690	660	580	590	570
50th	610	620	590	500	510	490
25th	530	540	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	43	57	100	83	42	125	33	47	80
700–740	82	84	166	105	63	168	38	64	102
650–690	129	124	253	128	129	257	87	119	206
600–640	103	117	220	98	139	237	111	118	229
550–590	89	126	215	79	122	201	111	137	248
500–540	65	87	152	54	106	160	99	96	195
450–490	53	71	124	31	57	88	63	70	133
400–440	19	23	42	23	33	56	37	37	74
350–390	18	17	35	9	21	30	17	20	37
300–340	9	8	17	1	6	7	13	7	20
250–290	2	1	3	1		1	1	1	2
200–240		3	3				2	1	3

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	1,049	86	46	54	607	621	588
Religiously Affiliated	149	12	46	54	569	573	557
Independent	28	2	54	46	589	565	562
Other or Unknown	104						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,326	100	603	108	612	103	582	105
Nonstandard Conditions	4	0						

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	2	0						
Asian, Asian American, or Pacific Islander	147	11	565	140	661	92	576	126
Black or African American	32	2	507	108	502	109	493	126
Mexican or Mexican American	15	1	511		521		522	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	18	1	569		569		539	
White	1,011	76	613	99	612	99	588	98
Other	36	3	589	136	594	123	569	116
No Response	68	5	619	104	604	96	573	113
Total	1,330	100	603	108	612	103	582	105

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								
Asian, Asian American, or Pacific Islander	73	5	573	142	680	88	583	126
Black or African American	18	1	516		514		476	
Mexican or Mexican American	8	1	510		528		501	
Puerto Rican								
Other Hispanic, Latino, or Latin American	10	1	563		547		527	
White	457	34	616	97	638	96	580	98
Other	14	1	639		626		585	
No Response	32	2	598	115	606	107	543	113
Total	612	46	605	108	635	102	574	106

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	2	0						
Asian, Asian American, or Pacific Islander	74	6	558	137	641	92	568	125
Black or African American	14	1	494		485		516	
Mexican or Mexican American	7	1	511		514		546	
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	8	1	576		598		555	
White	554	42	611	100	591	97	595	98
Other	22	2	556		574		559	
No Response	36	3	638	89	603	86	600	105
Total	718	54	601	108	593	100	589	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	1,330	100	603	108	612	103	582	105
First Language Learned								
English	1,020	85	612	101	610	99	588	99
English and Another	91	8	580	114	602	122	559	115
Another Language	94	8	501	136	628	117	521	125
No Response	125							
Citizenship								
U.S. Citizen / U.S. National	1,102	93	610	101	610	100	585	100
U.S. Permanent Resident or Refugee	26	2	587	103	656	99	595	107
Citizen of Another Country	56	5	471	130	618	125	493	131
Other, Unknown, or No Response	146							
Disabling Condition								
Yes	60	5	578	107	572	102	540	103
Unknown or No Response	1,270							
Plans to Apply for Financial Aid								
Yes	828	74	604	106	610	101	582	103
No	85	8	605	105	609	101	588	106
Don't Know	207	18	590	112	604	106	571	106
Family Income								
\$0 - \$20,000	32	4	527	110	561	106	512	93
\$20,000–\$40,000	77	9	562	112	585	109	535	98
\$40,000–\$60,000	136	15	584	115	587	105	565	112
\$60,000–\$80,000	155	18	599	111	613	104	578	106
\$80,000–\$100,000	131	15	606	93	621	95	580	101
\$100,000–\$120,000	104	12	618	91	626	103	593	102
\$120,000–\$140,000	54	6	609	108	623	102	586	109
\$140,000–\$160,000	45	5	657	96	638	94	616	91
\$160,000–\$200,000	51	6	642	103	646	83	622	89
More than \$200,000	93	11	625	94	621	93	598	89
No Response	452							
Highest Level of Parental Education								
No High School Diploma	4	0						
High School Diploma	134	11	524	116	548	106	504	111
Associate Degree	59	5	570	104	575	111	549	104
Bachelor's Degree	411	35	601	101	608	99	580	99
Graduate Degree	558	48	625	102	633	95	604	95
Took the PSAT/NMSQT®								
Yes, As a Junior	517	47	612	103	614	94	590	98
Yes, As a Sophomore or Younger	124	11	591	95	598	105	567	96
Yes, As a Junior and As a Sophomore or Younger	283	26	645	91	654	87	624	90
No	166	15	528	109	544	104	509	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	486	63	40	60	648	658	629
Second Tenth	173	22	49	51	573	595	554
Second Fifth	75	10	57	43	543	564	517
Final Three Fifths	41	5	59	41	517	520	478
No Response	555						

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)	216	18	37	63	666	680	653
A (93–96)	414	35	38	62	624	631	606
A- (90–92)	265	22	48	52	588	600	561
B (80–89)	252	21	57	43	541	551	517
C (70–79)	31	3	81	19	537	499	486
D, E, or F (below 70)	2	0	50	50			
No Response	150						
Mean Grade Point Average	All Students: 3.74		Male: 3.64		Female: 3.83		

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	3.1	2.8	3.84	3.96	3.91
English and Language Arts	4.0	4.1	4.1	3.63	3.85	3.75
Foreign and Classical Languages	3.3	3.7	3.5	3.54	3.78	3.68
Mathematics	4.1	4.0	4.0	3.56	3.61	3.59
Natural Sciences	3.9	3.8	3.9	3.62	3.72	3.68
Social Sciences and History	3.7	3.8	3.7	3.68	3.80	3.75
Total for All Subjects	21.4	22.5	22.0			

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	201	19	39	61	636	643	620
4 Years	771	73	44	56	605	609	581
3 Years	70	7	49	51	525	568	520
2 Years	10	1	60	40	541	613	537
1 Year	2	0	100	0			
1/2 Year or Less	1	0	100	0			
No Response	275						
Course Work or Experience							
English/Language Arts	988	95	43	57	608	615	587
Journalism	215	21	32	68	607	604	590
Creative Writing	319	31	42	58	600	596	575
American Literature	681	66	43	57	612	615	591
Composition/Writing	690	67	43	57	610	616	587
British Literature	266	26	39	61	627	619	602
World Literature	351	34	38	62	613	613	594
Communications	187	18	46	54	605	614	577
Public Speaking	518	50	43	57	607	614	585
English As Second Language	45	4	44	56	490	633	505
AP®/Honors Courses	561	53	37	63	642	639	622

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	234	22	50	50	634	673	618
4 Years	643	61	43	57	607	607	586
3 Years	166	16	37	63	561	554	533
2 Years	11	1	27	73	523	514	514
1 Year	1	0	100	0			
1/2 Year or Less							
No Response	275						
Highest Level of Mathematics Achieved*							
Calculus	540	51	49	51	641	667	621
Pre-calculus	291	27	37	63	592	588	571
Trigonometry	61	6	39	61	568	562	545
Algebra II	141	13	39	61	538	515	512
Algebra I	20	2	25	75	473	437	470
AP/Honors Courses	492	47	47	53	643	667	623

*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	183	17	47	53	625	662	618
4 Years	588	56	44	56	616	617	590
3 Years	245	23	39	61	576	575	554
2 Years	28	3	50	50	503	538	498
1 Year	2	0	0	100			
1/2 Year or Less	3	0	67	33			
No Response	281						
Course Work or Experience							
Biology	1,015	97	44	56	608	615	586
Chemistry	984	94	44	56	611	618	589
Physics	753	72	48	52	617	634	596
Geology, Earth, or Space Science	506	48	45	55	590	593	568
Other Sciences	374	36	39	61	607	610	583
AP/Honors Courses	474	45	45	55	643	657	625

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	128	12	44	56	638	649	624
4 Years	573	55	41	59	612	610	587
3 Years	309	29	47	53	589	607	569
2 Years	32	3	38	63	521	579	510
1 Year	6	1	67	33	532	597	548
1/2 Year or Less	1	0	100	0			
No Response	281						
Course Work or Experience							
U.S. History	994	95	44	56	609	616	587
World History or Cultures	784	75	43	57	606	611	584
U.S. Government or Civics	934	89	43	57	611	617	589
Economics	676	65	43	57	617	623	594
Geography	271	26	47	53	588	604	571
Psychology	422	40	36	64	613	615	592
European History	384	37	42	58	629	631	606
Sociology	231	22	34	66	599	600	576
Ancient History	157	15	43	57	599	605	576
Other Courses	218	21	42	58	601	607	581
AP/Honors Courses	479	46	39	61	649	648	628

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	134	13	31	69	627	640	617
4 Years	553	52	38	62	621	623	601
3 Years	160	15	53	47	600	610	568
2 Years	166	16	61	39	558	579	533
1 Year	24	2	42	58	551	536	520
1/2 Year or Less	17	2	65	35	516	536	480
No Response	276						
Course Work or Experience							
Chinese	34	3	44	56	609	659	601
French	235	22	30	70	613	619	590
German	81	8	54	46	635	631	604
Greek	5	0	40	60	572	568	554
Hebrew	1	0	0	100			
Italian	9	1	33	67	648	584	586
Japanese	21	2	48	52	593	627	561
Korean	5	0	40	60	452	678	468
Latin	28	3	32	68	653	593	618
Russian	4	0	0	100			
Spanish	712	68	45	55	607	614	588
Other Languages	47	4	49	51	551	576	531
AP/Honors Courses	252	24	34	66	649	653	637

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	127	12	37	63	629	641	611
4 Years	380	37	33	67	629	622	609
3 Years	89	9	37	63	579	590	560
2 Years	140	14	47	53	578	602	559
1 Year	153	15	51	49	580	596	557
1/2 Year or Less	148	14	66	34	593	608	564
No Response	293						
Course Work or Experience							
Acting or Play Production	329	33	32	68	624	611	605
Art History or Appreciation	123	12	34	66	593	585	573
Dance	130	13	12	88	585	591	576
Drama: Study or Appreciation	171	17	39	61	623	608	601
Music: Study or Appreciation	170	17	46	54	623	621	598
Music Performance	652	65	37	63	621	623	600
Photography or Film	214	21	40	60	601	599	583
Studio Art and Design	245	24	31	69	617	610	597
None	124	12	66	34	583	599	552
AP/Honors Courses	59	6	41	59	647	637	621

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	686	70	45	55	612	616	590
Computer Programming	161	16	69	31	600	635	575
Word Processing	737	75	43	57	608	612	586
Internet Activity	527	54	46	54	609	612	585
Using Computer Graphics	348	35	51	49	609	611	585
Creating Spreadsheets/Databases	362	37	49	51	607	620	584
None	104	11	28	72	609	611	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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
352	937	257	662	685	650

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	13	4
2	130	37
3	178	51
4 or More	31	9

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	149	643	87	108	679	82	660	82	664	83
History and Social Studies										
U.S. History	86	641	102	64	681	89	670	95	668	88
World History	13	657		10	712		713		680	
Mathematics										
Mathematics Level 1	94	628	101	59	631	94	654	90	619	102
Mathematics Level 2	237	700	91	178	662	100	711	70	655	99
Science										
Biology-E	47	656	92	44	658	91	685	96	648	102
Biology-M	54	665	94	37	695	63	720	59	693	71
Chemistry	124	657	89	86	676	85	717	63	665	93
Physics	60	682	86	42	660	104	719	57	639	91
Foreign and Classical Languages										
Chinese/Listening	9	779		9	578		727		648	
French	15	630		13	651		655		643	
French/Listening	2			2						
German										
German/Listening	3			2						
Modern Hebrew										
Italian										
Japanese/Listening	3			2						
Korean/Listening	2			2						
Latin	1			1						
Spanish	28	601	93	22	689		692		672	
Spanish/Listening	10	632		10	699		668		697	

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	18	12	13	15	3	23
700-740	29	19	17	20	3	23
650-690	33	22	18	21	2	15
600-640	24	16	12	14	1	8
550-590	27	18	9	10	2	15
500-540	9	6	10	12	1	8
450-490	6	4	3	3	1	8
400-440	3	2	2	2		
350-390			2	2		
300-340						
250-290						
200-240						
Total	149		86		13	
Mean	643		641		657	
SD	87		102			
75th percentile	710		710			
50th percentile	650		660			
25th percentile	580		560			

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	9	10	101	43	10	21	14	26	26	21	16	27
700-740	25	27	36	15	7	15	11	20	22	18	15	25
650-690	10	11	37	16	12	26	6	11	24	19	10	17
600-640	15	16	25	11	6	13	10	19	17	14	5	8
550-590	16	17	24	10	5	11	5	9	18	15	9	15
500-540	6	6	8	3	2	4	5	9	11	9	4	7
450-490	9	10	4	2	4	9	2	4	6	5	1	2
400-440	1	1	2	1	1	2	1	2				
350-390	3	3										
300-340												
250-290												
200-240												
Total	94		237		47		54		124		60	
Mean	628		700		656		665		657		682	
SD	101		91		92		94		89		86	
75th percentile	710		780		720		740		740		750	
50th percentile	640		720		660		680		660		700	
25th percentile	560		640		590		590		590		610	

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	8	89			1	50			1	33		
700-740			4	27					1	33		
650-690	1	11	3	20	1	50						
600-640			3	20								
550-590			2	13								
500-540			2	13								
450-490			1	7								
400-440									1	33		
350-390												
300-340												
250-290												
200-240												
Total	9		15		2				3			
Mean	779		630									
SD												
75th percentile												
50th percentile												
25th percentile												

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800			2	67	2	100			1	4	1	10
700-740									4	14	3	30
650-690									6	21	1	10
600-640							1	100	3	11	2	20
550-590									6	21		
500-540									6	21	1	10
450-490											2	20
400-440			1	33					2	7		
350-390												
300-340												
250-290												
200-240												
Total			3		2		1		28		10	
Mean									601		632	
SD									93			
75th percentile									660			
50th percentile									590			
25th percentile									520			

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	1	0			
Architecture and Related Services	18	2	548	588	548
Area, Ethnic, Cultural and Gender Studies					
Biological and Biomedical Sciences	85	9	620	618	594
Business Management, Marketing, and Related Support Services	82	9	561	608	544
Communication, Journalism and Related Programs	36	4	587	568	587
Computer and Information Sciences and Support Services	28	3	599	614	556
Construction Trades					
Education	38	4	572	566	565
Engineering	98	10	617	679	588
Engineering Technologies/Technicians	6	1	522	622	495
English Language and Literature/Letters	26	3	656	601	647
Family and Consumer Sciences/Human Sciences	2	0			
Foreign Languages, Literatures, and Linguistics	24	3	599	595	596
Health Professions and Related Clinical Services	135	14	584	608	572
History	8	1	690	623	630
Legal Professions and Studies	33	3	564	568	546
Liberal Arts and Sciences, General Studies, and Humanities	22	2	666	612	639
Library Science/Librarianship					
Mathematics and Statistics	18	2	639	686	621
Mechanic and Repair Technologies/Technician	1	0			
Military Sciences					
Multi/Interdisciplinary Studies	7	1	680	663	667
Natural Resources and Conservation	3	0			
Parks, Recreation, Leisure and Fitness Studies	2	0			
Personal and Culinary Services	1	0			
Philosophy and Religious Studies	7	1	647	624	610
Physical Sciences	19	2	622	658	592
Precision Production					
Psychology	35	4	588	585	575
Public Administration and Social Services Professions	3	0			
Security and Protective Services	2	0			
Social Sciences	40	4	635	625	631
Theology and Religious Vocations	7	1	566	563	561
Transportation and Materials Moving	1	0			
Visual and Performing Arts	101	11	615	591	590
Other	10	1	552	584	500
Undecided	59	6	615	625	579
Degree-Level Goal					
Certificate Program	1	0			
Associate Degree	3	0			
Bachelor's Degree	206	18	560	555	532
Master's Degree	281	25	600	605	576
Doctoral or Related Degree	386	34	624	639	608
Other	4	0			
Undecided	249	22	610	619	589

College Plans

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

Of the 1,425 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 1,154 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 723 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
IOWA STATE UNIVERSITY	IA	Public	382	33.1
UNIV IOWA	IA	Public	363	31.5
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	200	17.3
UNIVERSITY OF IOWA PRESIDENTIAL SCHOLARS	IA	Other	138	12.0
WASHINGTON UNIVERSITY	MO	Private	138	12.0
NORTHWESTERN UNIVERSITY	IL	Private	130	11.3
UNIVERSITY OF NORTHERN IOWA	IA	Public	119	10.3
STANFORD UNIVERSITY	CA	Private	114	9.9
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	112	9.7
UNIVERSITY OF CHICAGO	IL	Private	96	8.3
GRINNELL COLLEGE	IA	Private	95	8.2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	89	7.7
DRAKE UNIVERSITY	IA	Private	86	7.5
PRINCETON UNIVERSITY	NJ	Private	85	7.4
YALE UNIVERSITY	CT	Private	84	7.3
CORNELL UNIVERSITY	NY	Private	80	6.9
UNIVERSITY OF WISCONSIN MADISON	WI	Public	76	6.6
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	71	6.2
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	67	5.8
UNIVERSITY OF NOTRE DAME	IN	Private	67	5.8
UNIVERSITY OF MINNESOTA MINNEAPOLIS	MN	Public	66	5.7
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	63	5.5
NEW YORK UNIVERSITY	NY	Private	58	5.0
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	57	4.9
BROWN UNIVERSITY	RI	Private	57	4.9
DUKE UNIVERSITY	NC	Private	53	4.6
UNIVERSITY OF ILLINOIS URBANA	IL	Public	48	4.2
LUTHER COLLEGE	IA	Private	45	3.9
CARLETON COLLEGE	MN	Private	44	3.8
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	43	3.7
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	43	3.7
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	40	3.5
CREIGHTON UNIVERSITY	NE	Private	37	3.2
MACALESTER COLLEGE	MN	Private	36	3.1
BOSTON UNIVERSITY	MA	Private	35	3.0
PURDUE UNIVERSITY WEST LAFAYETTE	IN	Public	35	3.0
DARTMOUTH COLLEGE	NH	Private	34	2.9
GEORGETOWN UNIVERSITY	DC	Private	34	2.9
SAINT OLAF COLLEGE	MN	Private	34	2.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	33	2.9
VANDERBILT UNIVERSITY	TN	Private	31	2.7
COE COLLEGE	IA	Private	30	2.6
CARNEGIE MELLON UNIVERSITY	PA	Private	29	2.5
JOHNS HOPKINS UNIVERSITY	MD	Private	26	2.3
BOSTON COLLEGE	MA	Private	26	2.3

*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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