



2008 College-Bound Seniors

State Profile Report

UTAH

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	1,930	561	110	557	113	543	106	54.3	10.9	7.6	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		Essay
Male	950	562	115	577	111	538	111	53.9	11.3	7.5	1.6
Female	977	561	105	537	110	548	101	54.8	10.4	7.7	1.5
No Response**	3										

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)	1,123	565	107	557	111	544	107	54.6	10.9	7.5	1.6
Junior (2006-2007)	788	557	113	556	114	542	104	54.0	10.7	7.7	1.5
Sophomore (2005-2006)	15	531		567		511		52.0		7.1	
Freshman (2004-2005)	4										
Total	1,930	561	110	557	113	543	106	54.3	10.9	7.6	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		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 1,930 students in this report, 1,929 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	640	640	620	580	590	570
50th	560	560	540	500	510	490
25th	490	480	470	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	46	32	78	57	22	79	36	16	52
700–740	75	61	136	93	42	135	52	52	104
650–690	116	125	241	137	109	246	70	114	184
600–640	140	166	306	155	136	291	122	133	255
550–590	152	160	312	155	171	326	161	188	349
500–540	156	174	330	121	165	286	176	182	358
450–490	108	124	233	100	127	229	148	134	282
400–440	86	75	162	72	101	173	92	89	181
350–390	40	29	70	40	60	101	59	43	105
300–340	19	21	40	17	30	47	15	21	36
250–290	8	8	16	2	9	11	13	4	17
200–240	4	2	6	1	5	6	5	1	6

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	985	54	51	49	586	583	564
Religiously Affiliated	411	23	49	51	542	542	529
Independent	415	23	49	50	526	517	511
Other or Unknown	119						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,891	98	562	110	557	112	543	106
Nonstandard Conditions	39	2	531	112	542	113	521	104

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	10	1	473		475		446	
Asian, Asian American, or Pacific Islander	174	9	537	126	591	117	531	122
Black or African American	35	2	483	120	448	104	464	93
Mexican or Mexican American	30	2	491	101	480	96	464	84
Puerto Rican								
Other Hispanic, Latino, or Latin American	54	3	508	111	503	120	498	115
White	1,417	73	571	103	562	108	550	101
Other	51	3	576	146	572	127	566	116
No Response	159	8	553	119	530	116	538	116
Total	1,930	100	561	110	557	113	543	106

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	3	0						
Asian, Asian American, or Pacific Islander	85	4	516	134	594	114	519	129
Black or African American	18	1	436		430		444	
Mexican or Mexican American	14	1	527		510		466	
Puerto Rican								
Other Hispanic, Latino, or Latin American	33	2	518	92	526	113	506	108
White	692	36	575	108	587	106	547	106
Other	20	1	593		605		571	
No Response	85	4	549	112	541	115	528	110
Total	950	49	562	115	577	111	538	111

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	7	0	484		447		456	
Asian, Asian American, or Pacific Islander	89	5	558	115	588	119	542	114
Black or African American	17	1	533		467		484	
Mexican or Mexican American	16	1	459		453		463	
Puerto Rican								
Other Hispanic, Latino, or Latin American	21	1	492		465		485	
White	723	37	567	97	538	103	554	94
Other	31	2	566	144	551	131	562	102
No Response	73	4	559	126	518	117	552	120
Total	977	51	561	105	537	110	548	101

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	1,930	100	561	110	557	113	543	106
First Language Learned								
English	1,473	85	568	106	555	109	547	104
English and Another	175	10	541	111	550	127	531	110
Another Language	87	5	496	121	588	112	502	109
No Response	195							
Citizenship								
U.S. Citizen / U.S. National	1,596	95	568	105	557	110	548	103
U.S. Permanent Resident or Refugee	34	2	556	129	591	124	554	124
Citizen of Another Country	44	3	432	100	605	107	443	108
Other, Unknown, or No Response	256							
Disabling Condition								
Yes	129	7	528	110	515	125	510	112
Unknown or No Response	1,801							
Plans to Apply for Financial Aid								
Yes	926	60	573	106	566	110	554	105
No	204	13	553	111	543	112	531	106
Don't Know	413	27	555	110	552	109	537	104
Family Income								
\$0 - \$20,000	34	3	463	105	471	110	451	99
\$20,000–\$40,000	89	7	532	106	525	122	509	98
\$40,000–\$60,000	136	11	552	110	551	109	537	100
\$60,000–\$80,000	174	15	571	109	559	115	544	107
\$80,000–\$100,000	194	16	573	110	564	115	549	110
\$100,000–\$120,000	174	15	568	113	570	105	556	108
\$120,000–\$140,000	80	7	552	95	545	106	535	88
\$140,000–\$160,000	61	5	568	96	551	101	533	100
\$160,000–\$200,000	84	7	573	97	578	108	562	105
More than \$200,000	174	15	564	102	549	102	548	104
No Response	730							
Highest Level of Parental Education								
No High School Diploma	16	1	438		474		446	
High School Diploma	263	16	519	100	508	109	500	95
Associate Degree	89	5	527	100	522	97	512	96
Bachelor's Degree	562	34	560	106	556	106	542	100
Graduate Degree	713	43	589	102	584	107	570	102
Took the PSAT/NMSQT®								
Yes, As a Junior	566	39	571	104	561	104	553	99
Yes, As a Sophomore or Younger	251	17	556	92	547	106	532	92
Yes, As a Junior and As a Sophomore or Younger	317	22	622	95	623	98	608	94
No	323	22	519	112	514	107	495	100

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	488	52	49	51	617	625	601
Second Tenth	242	26	45	55	555	563	542
Second Fifth	126	14	52	47	533	517	521
Final Three Fifths	76	8	62	38	498	481	476
No Response	998						

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)	244	14	41	59	636	636	620
A (93–96)	493	29	45	55	590	598	576
A- (90–92)	374	22	49	51	568	560	549
B (80–89)	512	30	55	45	510	495	487
C (70–79)	86	5	64	36	487	461	468
D, E, or F (below 70)	7	0	71	29	426	447	406
No Response	214						
Mean Grade Point Average	All Students: 3.60		Male: 3.53		Female: 3.68		

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	2.5	2.9	2.7	3.80	3.92	3.86
English and Language Arts	3.9	3.9	3.9	3.56	3.75	3.66
Foreign and Classical Languages	2.6	2.9	2.7	3.47	3.65	3.56
Mathematics	3.8	3.7	3.8	3.44	3.47	3.46
Natural Sciences	3.6	3.5	3.5	3.53	3.59	3.56
Social Sciences and History	3.6	3.6	3.6	3.63	3.73	3.68
Total for All Subjects	20.0	20.5	20.2			

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	115	8	43	57	594	585	574
4 Years	1,132	79	48	52	574	568	556
3 Years	150	10	55	44	520	510	496
2 Years	27	2	56	44	444	476	446
1 Year	7	0	29	57	583	584	563
1/2 Year or Less	2	0	0	100			
No Response	497						
Course Work or Experience							
English/Language Arts	1,348	96	48	52	571	562	552
Journalism	274	19	41	59	581	559	564
Creative Writing	479	34	44	56	569	547	551
American Literature	749	53	48	52	573	562	559
Composition/Writing	501	36	46	54	567	552	550
British Literature	345	24	46	54	582	564	568
World Literature	429	30	46	54	573	556	559
Communications	109	8	45	55	550	549	539
Public Speaking	237	17	47	53	588	568	569
English As Second Language	47	3	53	47	467	563	476
AP®/Honors Courses	789	55	43	57	612	598	592

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	132	9	58	42	585	621	571
4 Years	887	62	49	51	576	572	556
3 Years	360	25	45	55	553	524	532
2 Years	53	4	38	62	494	477	493
1 Year	6	0	33	67	470	460	415
1/2 Year or Less	2	0	0	100			
No Response	490						
Highest Level of Mathematics Achieved*							
Calculus	697	48	52	48	610	630	594
Pre-calculus	361	25	42	58	561	532	540
Trigonometry	83	6	42	58	513	489	499
Algebra II	259	18	49	50	508	467	482
Algebra I	52	4	46	52	443	405	420
AP/Honors Courses	732	51	49	51	612	622	593

*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	132	9	60	40	597	625	577
4 Years	660	46	49	51	580	575	561
3 Years	493	34	45	55	558	541	539
2 Years	129	9	48	50	525	505	507
1 Year	15	1	47	53	515	555	489
1/2 Year or Less	4	0	25	75			
No Response	497						
Course Work or Experience							
Biology	1,360	95	47	53	568	559	549
Chemistry	1,203	84	47	53	575	570	557
Physics	819	57	54	46	579	588	560
Geology, Earth, or Space Science	683	48	52	48	547	537	528
Other Sciences	475	33	38	62	556	543	539
AP/Honors Courses	672	47	49	51	614	618	596

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	110	8	47	52	587	576	565
4 Years	823	58	47	52	573	565	556
3 Years	382	27	51	49	561	557	540
2 Years	95	7	52	48	544	534	515
1 Year	18	1	33	67	520	538	502
1/2 Year or Less	2	0	50	50			
No Response	500						
Course Work or Experience							
U.S. History	1,361	95	49	51	571	564	552
World History or Cultures	1,030	72	48	52	563	556	544
U.S. Government or Civics	1,090	76	46	54	571	563	554
Economics	305	21	46	54	550	544	531
Geography	954	67	48	52	571	568	552
Psychology	450	31	40	60	580	562	561
European History	614	43	47	53	595	584	579
Sociology	135	9	39	61	557	537	537
Ancient History	281	20	48	52	555	546	546
Other Courses	194	14	46	53	575	564	564
AP/Honors Courses	711	50	46	54	613	601	594

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			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	66	5		41	59	591	589	574
4 Years	313	22		42	58	598	592	588
3 Years	447	31		47	53	570	571	557
2 Years	459	32		51	48	554	539	527
1 Year	84	6		67	33	530	535	505
1/2 Year or Less	65	5		52	46	521	501	487
No Response	496							
Course Work or Experience								
Chinese	22	2		73	27	603	644	594
French	292	21		34	66	579	559	565
German	125	9		58	42	598	594	573
Greek	4	0		50	50			
Hebrew	6	0		33	67	583	612	567
Italian	7	0		57	43	533	544	487
Japanese	49	3		49	51	568	567	535
Korean	7	0		57	43	444	630	449
Latin	66	5		61	39	591	593	574
Russian	10	1		60	40	554	537	560
Spanish	898	63		49	51	568	559	548
Other Languages	68	5		38	60	536	528	515
AP/Honors Courses	339	24		43	57	622	619	610

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	171	12	45	55	607	586	583
4 Years	293	21	37	63	581	566	568
3 Years	264	19	44	55	574	557	552
2 Years	399	28	52	48	564	565	545
1 Year	227	16	59	41	541	549	521
1/2 Year or Less	65	5	58	42	496	510	493
No Response	511						
Course Work or Experience							
Acting or Play Production	372	27	36	64	593	566	573
Art History or Appreciation	306	23	42	58	578	555	562
Dance	268	20	15	84	556	538	542
Drama: Study or Appreciation	320	24	33	67	585	555	565
Music: Study or Appreciation	232	17	46	54	599	574	579
Music Performance	639	47	47	53	594	583	572
Photography or Film	386	28	43	57	572	558	560
Studio Art and Design	397	29	46	54	569	560	552
None	114	8	63	37	522	527	502
AP/Honors Courses	220	16	45	55	618	610	594

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,163	85	46	54	576	567	556
Computer Programming	278	20	60	40	567	574	548
Word Processing	1,127	82	48	52	573	565	553
Internet Activity	858	62	47	53	578	569	560
Using Computer Graphics	532	39	53	47	579	574	559
Creating Spreadsheets/Databases	588	43	53	47	582	579	562
None	33	2	45	55	522	506	509

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
553	1,452	410	629	645	616

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	36	7
2	214	39
3	250	45
4 or More	53	10

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	222	635	92	155	653	87	628	93	636	86
History and Social Studies										
U.S. History	255	631	101	192	640	99	641	97	628	99
World History	37	608	85	27	642	100	617	94	608	89
Mathematics										
Mathematics Level 1	144	592	91	103	604	104	607	83	592	96
Mathematics Level 2	330	654	94	249	637	97	679	72	627	94
Science										
Biology-E	61	621	99	41	634	99	620	79	616	93
Biology-M	73	657	93	53	644	85	649	89	618	87
Chemistry	150	645	100	123	628	101	681	75	621	93
Physics	91	665	96	65	649	98	691	73	627	101
Foreign and Classical Languages										
Chinese/Listening	7	794		7	619		641		564	
French	18	606		11	669		658		671	
French/Listening	6	675		6	660		637		668	
German	1			1						
German/Listening	2			1						
Modern Hebrew										
Italian										
Japanese/Listening	1			1						
Korean/Listening	4			4						
Latin	8	634		8	655		663		635	
Spanish	35	605	110	28	650	75	652	78	650	80
Spanish/Listening	7	704		5	618		620		680	

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	21	9	37	15	2	5
700-740	41	18	39	15	2	5
650-690	48	22	47	18	10	27
600-640	47	21	41	16	9	24
550-590	26	12	46	18	6	16
500-540	21	9	17	7	4	11
450-490	6	3	13	5	3	8
400-440	10	5	13	5	1	3
350-390	2	1	2	1		
300-340						
250-290						
200-240						
Total	222		255		37	
Mean	635		631		608	
SD	92		101		85	
75th percentile	700		710		650	
50th percentile	640		640		600	
25th percentile	580		570		550	

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	4	3	71	22	5	8	17	23	28	19	20	22
700-740	14	10	46	14	10	16	8	11	27	18	17	19
650-690	25	17	58	18	15	25	19	26	20	13	16	18
600-640	32	22	62	19	10	16	11	15	26	17	15	16
550-590	25	17	53	16	6	10	7	10	24	16	11	12
500-540	25	17	25	8	4	7	6	8	12	8	10	11
450-490	9	6	13	4	9	15	4	5	9	6	1	1
400-440	6	4	1	0	2	3	1	1	4	3	1	1
350-390	4	3	1	0								
300-340												
250-290												
200-240												
Total	144		330		61		73		150		91	
Mean	592		654		621		657		645		665	
SD	91		94		99		93		100		96	
75th percentile	660		720		690		730		730		740	
50th percentile	600		650		630		660		640		670	
25th percentile	530		590		540		590		580		590	

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	7	100	3	17	1	17	1	100				
700-740			4	22	2	33			1	50		
650-690					1	17						
600-640			2	11	1	17						
550-590			2	11								
500-540			3	17	1	17						
450-490			1	6								
400-440			2	11					1	50		
350-390			1	6								
300-340												
250-290												
200-240												
Total	7		18		6		1		2			
Mean	794		606		675							
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					3	75			5	14	3	43
700-740							2	25	2	6	2	29
650-690							1	13	4	11		
600-640			1	100			2	25	7	20	1	14
550-590					1	25	3	38	5	14	1	14
500-540									7	20		
450-490									3	9		
400-440									1	3		
350-390												
300-340									1	3		
250-290												
200-240												
Total			1		4		8		35		7	
Mean							634		605		704	
SD									110			
75th percentile									660			
50th percentile									590			
25th percentile									510			

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	3	0			
Architecture and Related Services	32	3	536	550	529
Area, Ethnic, Cultural and Gender Studies	1	0			
Biological and Biomedical Sciences	109	9	590	591	569
Business Management, Marketing, and Related Support Services	134	11	530	545	516
Communication, Journalism and Related Programs	56	5	562	522	555
Computer and Information Sciences and Support Services	30	2	611	589	582
Construction Trades					
Education	46	4	563	520	538
Engineering	107	9	589	627	559
Engineering Technologies/Technicians	11	1	571	581	531
English Language and Literature/Letters	32	3	615	557	595
Family and Consumer Sciences/Human Sciences	4	0			
Foreign Languages, Literatures, and Linguistics	10	1	633	575	610
Health Professions and Related Clinical Services	207	17	556	563	538
History	21	2	581	522	545
Legal Professions and Studies	32	3	568	542	560
Liberal Arts and Sciences, General Studies, and Humanities	17	1	588	555	577
Library Science/Librarianship					
Mathematics and Statistics	18	1	642	726	621
Mechanic and Repair Technologies/Technician	1	0			
Military Sciences	2	0			
Multi/Interdisciplinary Studies	5	0	682	664	702
Natural Resources and Conservation	5	0	542	524	536
Parks, Recreation, Leisure and Fitness Studies	6	0	438	458	425
Personal and Culinary Services	5	0	496	450	484
Philosophy and Religious Studies	6	0	642	575	640
Physical Sciences	35	3	631	669	606
Precision Production					
Psychology	62	5	568	530	539
Public Administration and Social Services Professions	3	0			
Security and Protective Services	10	1	475	481	442
Social Sciences	38	3	619	574	592
Theology and Religious Vocations					
Transportation and Materials Moving	2	0			
Visual and Performing Arts	129	10	575	542	555
Other	9	1	492	533	482
Undecided	48	4	601	597	578
Degree-Level Goal					
Certificate Program	10	1	511	498	497
Associate Degree	14	1	456	436	442
Bachelor's Degree	310	20	519	510	496
Master's Degree	460	30	568	556	549
Doctoral or Related Degree	448	29	601	601	583
Other	2	0			
Undecided	303	20	564	560	546

College Plans

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

Of the 2,073 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 1,474 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 762 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF UTAH	UT	Public	662	44.9
BRIGHAM YOUNG UNIVERSITY UTAH	UT	Private	287	19.5
STANFORD UNIVERSITY	CA	Private	203	13.8
UTAH STATE UNIVERSITY	UT	Public	201	13.6
WESTMINSTER COLLEGE SALT LAKE CITY	UT	Private	197	13.4
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	154	10.4
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	147	10.0
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	132	9.0
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	111	7.5
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	111	7.5
PRINCETON UNIVERSITY	NJ	Private	99	6.7
NEW YORK UNIVERSITY	NY	Private	91	6.2
UNIVERSITY OF WASHINGTON SEATTLE	WA	Public	91	6.2
YALE UNIVERSITY	CT	Private	86	5.8
WEBER STATE UNIVERSITY	UT	Public	83	5.6
CORNELL UNIVERSITY	NY	Private	82	5.6
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	78	5.3
UNIVERSITY OF COLORADO BOULDER	CO	Public	75	5.1
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	71	4.8
BOSTON UNIVERSITY	MA	Private	71	4.8
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	66	4.5
DARTMOUTH COLLEGE	NH	Private	66	4.5
UNIVERSITY OF OREGON	OR	Public	61	4.1
SOUTHERN UTAH UNIVERSITY	UT	Public	60	4.1
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	59	4.0
UTAH VALLEY STATE COLLEGE	UT	Public	58	3.9
NCAA ELIGIBILITY CENTER	IA	Public	56	3.8
UNIVERSITY OF SAN DIEGO	CA	Private	56	3.8
BROWN UNIVERSITY	RI	Private	56	3.8
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	54	3.7
LEWIS AND CLARK COLLEGE	OR	Private	54	3.7
GEORGETOWN UNIVERSITY	DC	Private	50	3.4
BOSTON COLLEGE	MA	Private	49	3.3
DUKE UNIVERSITY	NC	Private	48	3.3
UNIVERSITY OF CHICAGO	IL	Private	47	3.2
BRIGHAM YOUNG UNIVERSITY	ID	Private	46	3.1
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	45	3.1
ARIZONA STATE UNIVERSITY TEMPE	AZ	Public	45	3.1
SALT LAKE COMMUNITY COLLEGE	UT	Public	45	3.1
UNIVERSITY OF PUGET SOUND	WA	Private	44	3.0
WASHINGTON UNIVERSITY	MO	Private	42	2.8
COLORADO STATE UNIVERSITY FT COLLINS	CO	Public	40	2.7
GONZAGA UNIVERSITY	WA	Private	40	2.7
NORTHWESTERN UNIVERSITY	IL	Private	39	2.6
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	39	2.6

*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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