



2009 College-Bound Seniors

State Profile Report

UTAH

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2009* includes students who tested through March 2009.

Using This Report

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

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

Keep in mind, however, that:

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

Statistical Definitions

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

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200 to 800 point scale.

Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
1972	531	529	530	527	489	509	-	-	-
1973	523	521	523	525	489	506	-	-	-
1974	524	520	521	524	488	505	-	-	-
1975	515	509	512	518	479	498	-	-	-
1976	511	508	509	520	475	497	-	-	-
1977	509	505	507	520	474	496	-	-	-
1978	511	503	507	517	474	494	-	-	-
1979	509	501	505	516	473	493	-	-	-
1980	506	498	502	515	473	492	-	-	-
1981	508	496	502	516	473	492	-	-	-
1982	509	499	504	516	473	493	-	-	-
1983	508	498	503	516	474	494	-	-	-
1984	511	498	504	518	478	497	-	-	-
1985	514	503	509	522	480	500	-	-	-
1986	515	504	509	523	479	500	-	-	-
1987	512	502	507	523	481	501	-	-	-
1988	512	499	505	521	483	501	-	-	-
1989	510	498	504	523	482	502	-	-	-
1990	505	496	500	521	483	501	-	-	-
1991	503	495	499	520	482	500	-	-	-
1992	504	496	500	521	484	501	-	-	-
1993	504	497	500	524	484	503	-	-	-
1994	501	497	499	523	487	504	-	-	-
1995	505	502	504	525	490	506	-	-	-
1996	507	503	505	527	492	508	-	-	-
1997	507	503	505	530	494	511	-	-	-
1998	509	502	505	531	496	512	-	-	-
1999	509	502	505	531	495	511	-	-	-
2000	507	504	505	533	498	514	-	-	-
2001	509	502	506	533	498	514	-	-	-
2002	507	502	504	534	500	516	-	-	-
2003	512	503	507	537	503	519	-	-	-
2004	512	504	508	537	501	518	-	-	-
2005	513	505	508	538	504	520	-	-	-
2006	505	502	503	536	502	518	491	502	497
2007	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494
2009	503	498	501	534	499	515	486	499	493

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2009, all scores are reported on the recentered scale.

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SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	2,023	559	111	558	112	540	105	54.1	10.8	7.6	1.5

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,023	559	116	577	114	532	110	53.4	11.2	7.5	1.6
Female	1,000	559	107	539	108	548	100	54.7	10.4	7.7	1.4

Table 3: Year in Which Seniors Last Took the SAT

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

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2008-2009)	1,191	558	115	560	115	536	108	53.8	11.3	7.6	1.5
Junior (2007-2008)	823	560	106	555	109	544	101	54.5	10.1	7.7	1.5
Sophomore (2006-2007)	9	563		571		528		54.7		6.8	
Freshman (2005-2006)											
Total	2,023	559	111	558	112	540	105	54.1	10.8	7.6	1.5

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	1.6

*Writing data are based on students who took the current version of the SAT, first administered in March 2005. All students in the 2009 cohort took the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

SAT Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

SAT Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	640	640	620	580	600	570
50th	560	560	540	500	510	490
25th	480	480	460	420	430	410

Table 6: Score Distributions

The score ranges in the following table reflect SAT Skills Insight™, a resource that identifies skills demonstrated by typical students who score in each range. For more information and resources for educators and students, please visit www.collegeboard.com/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	113	101	214	157	68	225	62	56	118
600–690	306	274	580	318	265	583	239	270	509
500–590	310	354	664	302	322	624	337	383	720
400–490	199	196	395	182	257	439	274	221	495
300–390	75	64	139	49	76	125	95	60	155
200–290	20	11	31	15	12	27	16	10	26

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,080	58	49	51	584	581	559
Religiously Affiliated	433	23	56	44	532	548	524
Independent	345	19	52	48	517	510	504
Other or Unknown	165		43	57	552	533	526

Table 8: Test-Taking Conditions

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,980	98	559	112	559	112	540	106
Nonstandard Conditions	43	2	545	96	528	117	524	97

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

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	12	1	534		487		500	
Asian, Asian American, or Pacific Islander	206	10	517	136	605	116	512	131
Black or African American	27	1	448	113	439	123	453	110
Mexican or Mexican American	43	2	502	102	483	107	496	94
Puerto Rican	5	0	484		510		488	
Other Hispanic, Latino, or Latin American	65	3	522	92	501	113	504	83
White	1,482	73	573	103	562	107	550	99
Other	62	3	537	111	549	110	533	109
No Response	121	6	537	123	529	120	519	114
Total	2,023	100	559	111	558	112	540	105

Table 10: Male Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	7	0	547		509		481	
Asian, Asian American, or Pacific Islander	100	5	509	140	621	115	513	135
Black or African American	18	1	413		424		415	
Mexican or Mexican American	17	1	485		505		483	
Puerto Rican	4	0						
Other Hispanic, Latino, or Latin American	32	2	523	100	521	121	496	94
White	752	37	575	107	582	107	542	103
Other	29	1	552	113	601	94	547	114
No Response	64	3	535	118	537	129	505	117
Total	1,023	51	559	116	577	114	532	110

Table 11: Female Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	5	0	516		456		526	
Asian, Asian American, or Pacific Islander	106	5	525	132	590	114	511	127
Black or African American	9	0	518		469		529	
Mexican or Mexican American	26	1	513	96	469	109	504	103
Puerto Rican	1	0						
Other Hispanic, Latino, or Latin American	33	2	522	84	481	102	511	69
White	730	36	572	99	541	102	559	94
Other	33	2	524	108	503	102	521	103
No Response	57	3	540	128	520	109	535	108
Total	1,000	49	559	107	539	108	548	100

Demographic Information

SAT: Student Background Information and Characteristics

Table 12: Student Background Information and Characteristics

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

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	2,023	100	559	111	558	112	540	105
First Language Learned								
English	1,618	83	570	106	559	110	548	100
English and Another	184	9	547	110	551	120	528	112
Another Language	139	7	477	131	594	122	485	127
No Response	82		505	105	497	99	492	102
Citizenship								
U.S. Citizen / U.S. National	1,745	95	571	105	560	111	549	101
U.S. Permanent Resident or Refugee	24	1	539		593		540	
Citizen of Another Country	61	3	458	112	601	103	467	119
Other, Unknown, or No Response	193		483	116	524	114	477	104
Disabling Condition								
Yes	155	8	538	112	506	116	514	106
Unknown or No Response	1,868		561	111	562	111	542	105
Plans to Apply for Financial Aid								
Yes	1,015	59	575	108	565	115	551	103
No	225	13	564	101	564	103	553	98
Don't Know	486	28	553	109	557	110	533	105
Family Income								
\$0 - \$20,000	33	3	547	128	517	102	503	107
\$20,000–\$40,000	94	7	511	118	517	129	489	113
\$40,000–\$60,000	160	12	552	112	544	116	530	98
\$60,000–\$80,000	186	14	570	113	562	120	544	102
\$80,000–\$100,000	196	15	577	108	571	117	553	104
\$100,000–\$120,000	162	13	590	100	584	111	560	94
\$120,000–\$140,000	104	8	568	101	568	104	542	97
\$140,000–\$160,000	76	6	574	98	565	88	554	99
\$160,000–\$200,000	91	7	561	83	566	92	550	85
More than \$200,000	190	15	561	96	562	106	550	98
No Response	731		550	118	554	112	535	112
Highest Level of Parental Education								
No High School Diploma	23	1	458		437		430	
High School Diploma	259	14	516	98	509	103	497	90
Associate Degree	74	4	528	84	514	101	492	79
Bachelor's Degree	648	36	558	107	559	110	537	99
Graduate Degree	804	44	595	103	589	106	575	100
Took the PSAT/NMSQT®								
Yes, As a Junior	630	38	583	110	577	114	560	104
Yes, As a Sophomore or Younger	292	18	561	93	553	97	538	95
Yes, As a Junior and As a Sophomore or Younger	296	18	609	96	605	94	589	89
No	427	26	527	107	526	113	505	102

Academic Information

Academic Record

Table 13: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	547	51	50	50	623	630	602
Second Tenth	289	27	52	48	552	551	537
Second Fifth	123	12	50	50	523	518	504
Final Three Fifths	106	10	55	45	497	488	478
No Response	958		50	50	536	532	517

Table 14: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	275	14	50	50	637	647	613
A (93–96)	554	29	47	53	592	602	576
A- (90–92)	421	22	45	55	551	552	534
B (80–89)	566	30	54	46	519	503	500
C (70–79)	82	4	78	22	458	452	417
D, E, or F (below 70)	4	0	50	50			
No Response	121		49	51	514	506	496
Mean Grade Point Average	All Students: 3.62		Male: 3.56		Female: 3.69		

Table 15: Average Years of Study in Six Academic Subjects

SAT	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	2.5	3.0	2.8	3.80	3.94	3.87
English and Language Arts	3.9	4.0	3.9	3.60	3.77	3.69
Foreign and Classical Languages	2.7	2.9	2.8	3.47	3.64	3.56
Mathematics	3.8	3.8	3.8	3.43	3.46	3.45
Natural Sciences	3.5	3.5	3.5	3.52	3.57	3.55
Social Sciences and History	3.6	3.6	3.6	3.58	3.71	3.65
Total for All Subjects	20.0	20.8	20.4			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	121	7	47	53	587	582	572	
4 Years	1,359	82	49	51	575	569	553	
3 Years	150	9	52	48	529	531	511	
2 Years	25	2	56	44	460	482	425	
1 Year	3	0	67	33				
1/2 Year or Less	2	0	50	50				
No Response	363		56	44	510	526	499	
Course Work or Experience								
English/Language Arts	1,537	96	49	51	572	565	551	
Journalism	308	19	42	58	587	568	569	
Creative Writing	545	34	45	55	564	550	547	
American Literature	948	59	49	51	575	568	551	
Composition/Writing	667	41	47	53	562	550	542	
British Literature	419	26	48	52	578	570	552	
World Literature	563	35	49	51	572	567	550	
Communications	120	7	53	48	554	549	538	
Public Speaking	288	18	48	52	581	570	561	
English As Second Language	59	4	54	46	478	587	480	
AP®/Honors Courses	946	57	45	55	612	604	590	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	167	10	54	46	587	623	576	
4 Years	1,020	61	49	51	578	573	556	
3 Years	424	25	49	51	553	533	531	
2 Years	48	3	56	44	493	473	463	
1 Year	5	0	20	80	452	436	424	
1/2 Year or Less	1	0	100	0				
No Response	358		55	45	510	527	500	
Highest Level of Mathematics Achieved*								
Calculus	790	48	52	48	611	633	590	
Pre-calculus	442	27	45	55	555	537	534	
Trigonometry	84	5	54	46	529	506	517	
Algebra II	284	17	50	50	513	469	490	
Algebra I	43	3	42	58	450	406	433	
AP/Honors Courses	874	52	49	51	613	625	591	

*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Academic Information

Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	141	9	52	48	606	622	585
4 Years	787	48	51	49	576	576	557
3 Years	565	34	46	54	562	547	539
2 Years	132	8	51	49	538	517	504
1 Year	20	1	75	25	517	523	490
1/2 Year or Less	4	0	50	50			
No Response	374		55	45	512	528	502
Course Work or Experience							
Biology	1,542	95	48	52	571	564	550
Chemistry	1,413	87	50	50	577	575	556
Physics	954	59	55	45	583	588	561
Geology, Earth, or Space Science	774	48	49	51	556	546	535
Other Sciences	506	31	42	58	552	543	535
AP/Honors Courses	824	50	48	52	615	617	590

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores		
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics
More Than 4 Years	128	8	52	48	602	596	578
4 Years	957	58	49	51	573	563	553
3 Years	440	27	49	51	566	570	544
2 Years	110	7	56	44	530	530	496
1 Year	13	1	31	69	483	519	503
1/2 Year or Less	4	0	50	50			
No Response	371		56	44	512	527	501
Course Work or Experience							
U.S. History	1,546	95	49	51	573	567	552
World History or Cultures	1,137	70	50	50	563	561	544
U.S. Government or Civics	1,259	78	48	52	576	566	552
Economics	351	22	54	46	551	550	532
Geography	1,112	68	48	52	579	574	556
Psychology	575	35	40	60	574	561	553
European History	717	44	49	51	592	581	571
Sociology	132	8	42	58	540	524	517
Ancient History	342	21	51	49	555	544	537
Other Courses	217	13	49	51	574	562	554
AP/Honors Courses	869	53	47	53	615	608	591

Academic Information

Course-Taking Patterns

Table 18: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	80	5	44	56	589	588	574
4 Years	354	21	43	57	602	599	587
3 Years	521	32	49	51	576	573	558
2 Years	535	32	54	46	551	542	525
1 Year	99	6	53	47	524	527	497
1/2 Year or Less	62	4	58	42	537	535	496
No Response	372		55	45	512	527	501
Course Work or Experience							
Chinese	58	4	53	47	584	613	553
French	315	19	37	63	580	562	565
German	147	9	58	42	600	594	561
Greek	7	0	57	43	604	581	603
Hebrew	8	0	38	63	601	521	596
Italian	14	1	57	43	597	564	561
Japanese	37	2	46	54	556	586	534
Korean	13	1	46	54	503	631	492
Latin	73	4	51	49	583	590	561
Russian	12	1	75	25	592	572	548
Spanish	1,075	66	50	50	567	560	549
Other Languages	71	4	32	68	529	537	518
AP/Honors Courses	431	26	40	60	624	618	607

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	158	10	40	60	604	588	580
4 Years	397	24	38	62	584	576	568
3 Years	328	20	46	54	563	557	543
2 Years	480	29	58	42	564	564	535
1 Year	230	14	59	41	555	557	539
1/2 Year or Less	57	3	67	33	529	518	514
No Response	373		55	45	510	526	500
Course Work or Experience							
Acting or Play Production	421	27	40	60	590	565	568
Art History or Appreciation	366	24	41	59	564	550	547
Dance	340	22	17	83	560	542	545
Drama: Study or Appreciation	357	23	39	61	582	557	559
Music: Study or Appreciation	277	18	45	55	584	573	563
Music Performance	742	48	46	54	590	588	568
Photography or Film	445	29	46	54	572	560	552
Studio Art and Design	474	30	42	58	576	564	555
None	123	8	73	27	530	527	507
AP/Honors Courses	248	15	40	60	626	622	603

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,314	84	48	52	577	570	555
Computer Programming	333	21	62	38	549	559	530
Word Processing	1,313	84	48	52	576	570	554
Internet Activity	1,005	64	48	52	579	575	557
Using Computer Graphics	621	40	50	50	569	568	547
Creating Spreadsheets/Databases	752	48	47	53	578	578	558
None	43	3	56	44	513	537	499

SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
571	1,438	439	619	642	610

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	51	9
2	231	40
3	238	42
4 or More	51	9

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

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

	SAT Subject Test			N	SAT						
	N	Mean	SD		Critical Reading		Mathematics		Writing		
English					Mean	SD	Mean	SD	Mean	SD	
Literature	245	615	97	180	635	83	617	89	622	82	
History and Social Studies											
U.S. History	228	626	114	166	641	84	633	92	627	91	
World History	54	586	88	37	634	89	613	81	609	90	
Mathematics											
Mathematics Level 1	143	591	106	104	609	86	618	81	591	86	
Mathematics Level 2	334	658	89	270	622	114	672	74	617	101	
Science											
Biology-E	74	627	110	53	614	96	622	83	593	88	
Biology-M	57	669	93	42	655	87	670	91	643	90	
Chemistry	139	642	112	123	634	108	677	79	627	92	
Physics	78	667	99	63	634	119	695	64	615	114	
Foreign and Classical Languages											
Chinese/Listening	4			4							
French	12	611		11	618		655		630		
French/Listening	6	555		5	596		588		604		
German	2			1							
German/Listening											
Modern Hebrew											
Italian	2			2							
Japanese/Listening	3			3							
Korean/Listening	8	790		7	526		680		576		
Latin	7	623		7	673		694		673		
Spanish	37	628	124	34	652	71	659	91	649	70	
Spanish/Listening	5	582		4							

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	17	7	35	15	2	4
700-740	40	16	41	18	4	7
650-690	49	20	37	16	9	17
600-640	46	19	37	16	9	17
550-590	40	16	23	10	12	22
500-540	21	9	17	7	6	11
450-490	16	7	19	8	10	19
400-440	11	4	12	5	2	4
350-390	3	1	6	3		
300-340	2	1				
250-290			1	0		
200-240						
Total	245		228		54	
Mean	615		626		586	
SD	97		114		88	
75th percentile	690		710		650	
50th percentile	630		640		580	
25th percentile	550		550		500	

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	6	4	72	22	7	9	11	19	35	25	22	28
700-740	24	17	45	13	18	24	14	25	16	12	13	17
650-690	22	15	62	19	12	16	11	19	18	13	15	19
600-640	25	17	70	21	17	23	12	21	21	15	8	10
550-590	12	8	47	14	5	7	3	5	14	10	11	14
500-540	27	19	29	9	7	9	3	5	18	13	4	5
450-490	13	9	7	2	1	1	1	2	13	9	3	4
400-440	8	6	1	0	3	4	1	2	4	3	2	3
350-390	4	3	1	0	2	3	1	2				
300-340	2	1			2	3						
250-290												
200-240												
Total	143		334		74		57		139		78	
Mean	591		658		627		669		642		667	
SD	106		89		110		93		112		99	
75th percentile	680		730		700		730		730		750	
50th percentile	610		650		640		680		640		690	
25th percentile	510		590		570		610		540		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	4	100	2	17	1	17						
700-740			2	17	1	17						
650-690			1	8								
600-640			2	17			1	50				
550-590			1	8	1	17						
500-540			1	8			1	50				
450-490			1	8	2	33						
400-440			2	17								
350-390												
300-340					1	17						
250-290												
200-240												
Total	4		12		6		2					
Mean			611		555							
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	100	2	67	8	100	1	14	9	24		
700-740			1	33			1	14	6	16		
650-690							1	14	1	3	2	40
600-640							1	14	5	14		
550-590							1	14	6	16	2	40
500-540							2	29	6	16		
450-490									1	3		
400-440									2	5	1	20
350-390												
300-340									1	3		
250-290												
200-240												
Total	2		3		8		7		37		5	
Mean					790		623		628		582	
SD									124			
75th percentile									740			
50th percentile									610			
25th percentile									530			

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	5	0	518	502	504
Architecture and Related Services	34	2	553	564	527
Area, Ethnic, Cultural and Gender Studies	2	0			
Biological and Biomedical Sciences	109	8	588	582	562
Business Management, Marketing, and Related Support Services	155	11	527	544	506
Communication, Journalism and Related Programs	32	2	588	545	568
Computer and Information Sciences and Support Services	30	2	533	562	515
Construction Trades					
Education	45	3	533	531	504
Engineering	125	9	600	641	576
Engineering Technologies/Technicians	10	1	539	574	515
English Language and Literature/Letters	45	3	639	575	613
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	15	1	623	537	610
Health Professions and Related Clinical Services	223	16	549	553	544
History	28	2	607	558	541
Legal Professions and Studies	52	4	576	563	558
Liberal Arts and Sciences, General Studies, and Humanities	27	2	591	531	558
Library Science/Librarianship	1	0			
Mathematics and Statistics	16	1	626	685	600
Mechanic and Repair Technologies/Technician	4	0			
Military Sciences	1	0			
Multi/Interdisciplinary Studies	2	0			
Natural Resources and Conservation	10	1	589	553	578
Parks, Recreation, Leisure and Fitness Studies	4	0			
Personal and Culinary Services	3	0			
Philosophy and Religious Studies	8	1	628	586	625
Physical Sciences	40	3	638	657	606
Precision Production					
Psychology	77	6	552	523	532
Public Administration and Social Services Professions	7	1	554	543	543
Security and Protective Services	11	1	489	475	471
Social Sciences	57	4	614	568	580
Theology and Religious Vocations					
Transportation and Materials Moving					
Visual and Performing Arts	160	11	573	551	555
Other	10	1	479	461	470
Undecided	45	3	629	613	586
Degree-Level Goal					
Certificate Program	10	1	497	457	461
Associate Degree	6	0	463	398	445
Bachelor's Degree	341	20	526	514	509
Master's Degree	549	32	567	560	544
Doctoral or Related Degree	528	30	600	603	577
Other	3	0			
Undecided	299	17	567	562	547

College Plans

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

Of the 2,155 students from your state who took the SAT and/or an SAT Subject Test, 1,483 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 751 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF UTAH	UT	Public	622	41.9
BRIGHAM YOUNG UNIVERSITY	UT	Private	242	16.3
STANFORD UNIVERSITY	CA	Private	208	14.0
WESTMINSTER COLLEGE SALT LAKE CITY	UT	Private	190	12.8
UTAH STATE UNIVERSITY	UT	Public	187	12.6
NATIONAL MERIT SCHOLARSHIP PROGRAM	IL	Scholarship	152	10.2
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	125	8.4
UNIVERSITY OF CALIFORNIA BERKELEY	CA	Public	122	8.2
UNIVERSITY OF CALIFORNIA LOS ANGELES	CA	Public	111	7.5
UNIVERSITY OF WASHINGTON	WA	Public	110	7.4
NEW YORK UNIVERSITY	NY	Private	93	6.3
WEBER STATE UNIVERSITY	UT	Public	91	6.1
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	91	6.1
NCAA ELIGIBILITY CENTER	IN	Public	85	5.7
YALE UNIVERSITY	CT	Private	85	5.7
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	75	5.1
UNIVERSITY OF CALIFORNIA SAN DIEGO	CA	Public	73	4.9
UTAH VALLEY UNIVERSITY	UT	Public	70	4.7
UNIVERSITY OF OREGON	OR	Public	70	4.7
CORNELL UNIVERSITY	NY	Private	68	4.6
UNIVERSITY OF CALIFORNIA SANTA BARBARA	CA	Public	65	4.4
BOSTON UNIVERSITY	MA	Private	64	4.3
PRINCETON UNIVERSITY	NJ	Private	63	4.2
SOUTHERN UTAH UNIVERSITY	UT	Public	61	4.1
UNIVERSITY OF COLORADO BOULDER	CO	Public	59	4.0
ARIZONA STATE UNIVERSITY	AZ	Public	57	3.8
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	56	3.8
DARTMOUTH COLLEGE	NH	Private	53	3.6
DUKE UNIVERSITY	NC	Private	51	3.4
BROWN UNIVERSITY	RI	Private	50	3.4
NORTHWESTERN UNIVERSITY	IL	Private	49	3.3
UNIVERSITY OF PUGET SOUND	WA	Private	49	3.3
SALT LAKE COMMUNITY COLLEGE	UT	Public	49	3.3
UNIVERSITY OF CALIFORNIA IRVINE	CA	Public	48	3.2
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	Private	48	3.2
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	47	3.2
LEWIS AND CLARK COLLEGE	OR	Private	46	3.1
UNIVERSITY OF SAN DIEGO	CA	Private	46	3.1
UNIVERSITY OF PORTLAND	OR	Private	45	3.0
WASHINGTON UNIVERSITY	MO	Private	44	3.0
SEATTLE UNIVERSITY	WA	Private	44	3.0
UNIVERSITY OF CHICAGO	IL	Private	43	2.9
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	42	2.8
UNIVERSITY OF TEXAS AUSTIN	TX	Public	42	2.8
UNIVERSITY OF VIRGINIA	VA	Public	40	2.7

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

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