



2008 College-Bound Seniors

State Profile Report

DIST OF COLUMBIA

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 Number	Critical Reading		Mathematics		Writing *		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	4,141	470	150	455	152	465	151	46.7	14.9	6.7	2.1

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	1,887	482	151	479	156	471	152	47.6	14.9	6.7	2.2
Female	2,239	459	148	435	146	460	151	46.0	14.9	6.8	2.0
No Response**	15	397		350		379		38.5		5.6	

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 Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2007-2008)	3,193	451	139	435	142	446	140	44.8	13.8	6.6	2.0
Junior (2006-2007)	928	536	167	524	167	532	169	53.3	16.7	7.3	2.2
Sophomore (2005-2006)	19	391		425		387		39.7		5.3	
Freshman (2004-2005)	1										
Total	4,141	470	150	455	152	465	151	46.7	14.9	6.7	2.1

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 Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
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 4,141 students in this report, 4,140 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	580	580	580	580	590	570
50th	440	430	430	500	510	490
25th	360	330	350	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	78	99	178	102	57	159	78	124	202
700–740	120	103	223	91	92	184	86	114	200
650–690	141	122	264	182	120	302	152	121	274
600–640	168	139	307	142	124	266	163	121	285
550–590	158	145	303	157	153	311	145	121	266
500–540	161	185	346	145	145	290	164	163	327
450–490	193	223	417	196	199	395	182	230	412
400–440	243	351	595	197	285	484	221	327	550
350–390	235	353	591	242	360	604	233	376	613
300–340	199	254	459	219	366	590	241	297	541
250–290	113	172	287	126	198	325	126	152	280
200–240	78	93	171	88	140	231	95	93	190

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	1,739	54	41	58	409	393	400
Religiously Affiliated	1,020	32	58	42	596	589	597
Independent	448	14	50	50	606	585	609
Other or Unknown	934						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	3,909	94	466	149	452	151	461	150
Nonstandard Conditions	232	6	527	152	511	164	528	153

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	28	1	423	163	409	134	408	149
Asian, Asian American, or Pacific Islander	135	3	530	152	568	149	533	143
Black or African American	2,254	54	403	105	383	104	395	104
Mexican or Mexican American	26	1	463	140	447	133	433	140
Puerto Rican	11	0	516		519		510	
Other Hispanic, Latino, or Latin American	268	6	458	141	448	139	457	139
White	877	21	637	98	629	95	641	97
Other	144	3	533	150	519	148	532	152
No Response	398	10	444	164	427	161	435	158
Total	4,141	100	470	150	455	152	465	151

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	11	0	471		472		446	
Asian, Asian American, or Pacific Islander	70	2	536	152	585	144	540	135
Black or African American	916	22	402	106	392	107	390	104
Mexican or Mexican American	14	0	486		467		452	
Puerto Rican	5	0	508		498		474	
Other Hispanic, Latino, or Latin American	121	3	468	139	470	137	457	139
White	482	12	626	98	633	95	622	95
Other	64	2	557	156	551	157	550	149
No Response	204	5	466	167	457	169	446	166
Total	1,887	46	482	151	479	156	471	152

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	17	0	392		368		384	
Asian, Asian American, or Pacific Islander	65	2	524	151	551	153	526	151
Black or African American	1,336	32	403	104	376	101	399	104
Mexican or Mexican American	11	0	442		425		416	
Puerto Rican	6	0	523		537		540	
Other Hispanic, Latino, or Latin American	143	3	453	142	434	139	458	141
White	394	10	651	97	625	95	663	96
Other	80	2	515	142	493	135	518	152
No Response	187	5	422	158	399	145	427	148
Total	2,239	54	459	148	435	146	460	151

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	4,141	100	470	150	455	152	465	151
First Language Learned								
English	2,952	83	467	146	448	148	461	149
English and Another	352	10	482	139	470	137	482	139
Another Language	234	7	437	135	466	146	442	135
No Response	603							
Citizenship								
U.S. Citizen / U.S. National	3,289	95	471	145	452	147	465	147
U.S. Permanent Resident or Refugee	129	4	397	130	429	134	410	126
Citizen of Another Country	55	2	507	143	571	149	528	149
Other, Unknown, or No Response	668							
Disabling Condition								
Yes	193	5	495	158	469	157	487	151
Unknown or No Response	3,948							
Plans to Apply for Financial Aid								
Yes	2,021	69	441	126	423	127	434	124
No	293	10	599	126	592	128	605	131
Don't Know	608	21	525	158	513	157	524	161
Family Income								
\$0 - \$20,000	397	20	382	97	366	105	373	96
\$20,000–\$40,000	413	21	389	95	377	96	387	91
\$40,000–\$60,000	275	14	430	108	409	98	424	103
\$60,000–\$80,000	176	9	459	116	441	120	445	114
\$80,000–\$100,000	141	7	512	128	484	130	499	134
\$100,000–\$120,000	115	6	553	142	536	130	554	137
\$120,000–\$140,000	69	3	539	123	531	118	536	119
\$140,000–\$160,000	63	3	557	119	553	126	557	107
\$160,000–\$200,000	92	5	560	121	542	128	559	132
More than \$200,000	257	13	633	98	623	106	635	97
No Response	2,143							
Highest Level of Parental Education								
No High School Diploma	206	7	372	94	354	99	357	93
High School Diploma	1,209	40	389	93	372	93	383	88
Associate Degree	99	3	429	107	403	117	421	107
Bachelor's Degree	558	19	510	127	501	130	508	130
Graduate Degree	929	31	602	121	585	126	604	122
Took the PSAT/NMSQT®								
Yes, As a Junior	861	32	448	135	435	136	444	136
Yes, As a Sophomore or Younger	473	17	444	130	423	134	435	126
Yes, As a Junior and As a Sophomore or Younger	1,084	40	540	136	526	135	539	137
No	299	11	388	120	371	129	380	125

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	362	27	42	58	535	534	537
Second Tenth	333	25	44	56	459	445	451
Second Fifth	247	19	55	44	424	412	417
Final Three Fifths	382	29	46	53	397	384	395
No Response	2,817						

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)	86	3	38	60	598	592	599
A (93–96)	403	12	40	60	555	548	560
A- (90–92)	453	13	42	58	558	549	555
B (80–89)	1,603	47	44	56	458	443	456
C (70–79)	836	25	48	51	375	352	361
D, E, or F (below 70)	30	1	63	37	373	364	363
No Response	730						
Mean Grade Point Average	All Students: 3.03		Male: 2.99		Female: 3.07		

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	2.0	1.9	2.0	3.51	3.58	3.55
English and Language Arts	3.8	3.8	3.8	2.96	3.11	3.04
Foreign and Classical Languages	2.8	2.7	2.8	2.97	3.20	3.09
Mathematics	3.8	3.7	3.7	2.94	2.85	2.89
Natural Sciences	3.4	3.4	3.4	2.98	2.98	2.98
Social Sciences and History	3.6	3.5	3.6	3.06	3.08	3.07
Total for All Subjects	19.4	19.0	19.3			

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	152	6	45	55	536	524	538
4 Years	1,958	72	45	55	493	475	488
3 Years	515	19	38	61	408	389	401
2 Years	48	2	48	50	365	379	373
1 Year	24	1	29	71	354	383	353
1/2 Year or Less	14	1	50	50	354	351	319
No Response	1,430						
Course Work or Experience							
English/Language Arts	2,431	93	43	57	472	455	467
Journalism	344	13	40	60	443	419	439
Creative Writing	884	34	42	58	474	457	470
American Literature	1,404	54	45	55	500	483	496
Composition/Writing	946	36	42	58	495	476	490
British Literature	767	29	44	56	506	489	502
World Literature	907	35	41	58	483	466	479
Communications	204	8	37	63	433	425	430
Public Speaking	483	18	35	64	483	464	478
English As Second Language	125	5	46	54	379	406	385
AP®/Honors Courses	750	28	40	60	556	531	550

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	195	7	43	56	488	489	486
4 Years	1,731	63	46	54	508	490	503
3 Years	704	26	39	60	406	381	399
2 Years	66	2	48	50	356	356	348
1 Year	22	1	27	73	346	343	343
1/2 Year or Less	15	1	47	53	361	348	342
No Response	1,408						
Highest Level of Mathematics Achieved*							
Calculus	616	22	47	53	584	591	584
Pre-calculus	976	35	44	56	475	456	468
Trigonometry	463	17	41	58	411	383	403
Algebra II	616	22	44	55	411	382	404
Algebra I	82	3	39	60	352	334	346
AP/Honors Courses	606	22	46	54	585	590	583

*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	125	5	46	54	530	536	536
4 Years	1,210	45	45	55	519	501	515
3 Years	1,076	40	43	57	447	426	438
2 Years	172	6	43	56	395	385	391
1 Year	52	2	37	63	356	360	355
1/2 Year or Less	47	2	26	74	352	343	340
No Response	1,459						
Course Work or Experience							
Biology	2,584	95	44	56	475	457	469
Chemistry	2,515	93	44	56	479	462	474
Physics	1,532	57	46	53	512	501	507
Geology, Earth, or Space Science	1,077	40	45	55	436	414	426
Other Sciences	757	28	39	60	468	452	464
AP/Honors Courses	559	21	45	55	607	598	605

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	149	6	46	53	508	494	504
4 Years	1,506	56	46	54	510	491	505
3 Years	800	30	41	58	435	419	429
2 Years	143	5	37	62	392	380	388
1 Year	40	1	35	65	360	357	359
1/2 Year or Less	38	1	32	68	344	336	329
No Response	1,465						
Course Work or Experience							
U.S. History	2,510	92	43	56	473	457	468
World History or Cultures	2,320	85	43	56	475	459	470
U.S. Government or Civics	1,581	58	43	56	447	432	440
Economics	403	15	51	49	474	465	470
Geography	1,053	39	39	60	454	438	448
Psychology	406	15	34	66	521	499	517
European History	642	24	53	47	586	572	585
Sociology	104	4	36	64	459	445	458
Ancient History	449	17	39	61	524	508	522
Other Courses	711	26	44	55	494	481	487
AP/Honors Courses	649	24	47	53	580	556	574

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	106	4	42	58	570	566	577
4 Years	703	26	47	53	574	562	577
3 Years	656	24	43	56	498	477	490
2 Years	995	37	43	57	410	388	399
1 Year	152	6	43	57	354	343	353
1/2 Year or Less	84	3	32	67	373	366	371
No Response	1,445						
Course Work or Experience							
Chinese	57	2	49	49	516	532	521
French	702	26	39	61	487	467	484
German	71	3	44	56	480	491	485
Greek	21	1	67	33	523	535	512
Hebrew	14	1	36	64	451	506	462
Italian	61	2	41	56	490	479	486
Japanese	26	1	54	46	467	512	483
Korean	9	0	33	67	380	464	391
Latin	241	9	53	46	560	549	550
Russian	20	1	60	40	453	497	464
Spanish	1,911	71	45	55	464	448	459
Other Languages	95	4	45	53	404	411	412
AP/Honors Courses	371	14	42	58	624	609	629

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	101	4	48	52	519	499	515
4 Years	392	15	47	52	535	520	537
3 Years	319	12	47	52	482	449	474
2 Years	643	24	44	56	460	449	456
1 Year	785	29	42	58	478	461	470
1/2 Year or Less	447	17	39	61	419	404	408
No Response	1,454						
Course Work or Experience							
Acting or Play Production	557	23	34	66	525	495	519
Art History or Appreciation	618	26	41	59	498	478	492
Dance	421	18	11	88	445	423	451
Drama: Study or Appreciation	373	16	30	70	494	463	490
Music: Study or Appreciation	609	25	34	65	484	464	479
Music Performance	877	37	42	57	503	485	498
Photography or Film	353	15	40	60	508	480	505
Studio Art and Design	575	24	45	55	531	512	530
None	346	14	57	43	427	417	417
AP/Honors Courses	118	4	46	54	600	578	590

Computers Course Work or Experience	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	1,363	58	45	55	487	469	481
Computer Programming	443	19	53	47	464	456	462
Word Processing	1,384	59	41	58	486	469	483
Internet Activity	1,132	48	43	57	491	478	489
Using Computer Graphics	616	26	48	52	484	469	477
Creating Spreadsheets/Databases	649	28	45	55	508	495	503
None	352	15	43	56	492	474	489

SAT Subject Tests™ Data

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

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
1,074	2,863	1,024	650	645	653

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	62	6
2	429	40
3	449	42
4 or More	134	12

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	507	637	109	494	654	109	627	100	656	106
History and Social Studies										
U.S. History	496	653	103	482	665	100	650	94	666	97
World History	40	560	145	33	587	146	579	95	580	137
Mathematics										
Mathematics Level 1	450	608	101	431	613	112	622	98	620	105
Mathematics Level 2	411	690	90	398	676	98	696	83	679	95
Science										
Biology-E	84	600	127	77	634	120	625	113	630	121
Biology-M	222	632	115	204	666	107	672	86	677	101
Chemistry	192	644	109	184	659	115	681	93	660	112
Physics	90	656	112	86	641	116	689	97	638	104
Foreign and Classical Languages										
Chinese/Listening	4			4						
French	123	667	115	119	659	112	643	96	675	101
French/Listening	21	695		20	665		632		683	
German	1			1						
German/Listening	4			4						
Modern Hebrew										
Italian	6	720		6	575		615		593	
Japanese/Listening	2			2						
Korean/Listening										
Latin	21	680		21	713		724		709	
Spanish	169	655	111	166	658	89	650	89	669	88
Spanish/Listening	20	687		20	639		613		647	

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	76	15	95	19	5	13
700-740	109	21	104	21	5	13
650-690	92	18	104	21	4	10
600-640	73	14	65	13	4	10
550-590	54	11	53	11	4	10
500-540	45	9	30	6	2	5
450-490	19	4	17	3	2	5
400-440	22	4	16	3	7	18
350-390	12	2	12	2	5	13
300-340	5	1			2	5
250-290						
200-240						
Total	507		496		40	
Mean	637		653		560	
SD	109		103		145	
75th percentile	720		730		690	
50th percentile	660		680		570	
25th percentile	570		590		420	

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	18	4	137	33	7	8	23	10	34	18	22	24
700-740	73	16	98	24	13	15	56	25	46	24	21	23
650-690	94	21	50	12	21	25	47	21	34	18	10	11
600-640	96	21	54	13	12	14	35	16	26	14	14	16
550-590	60	13	41	10	5	6	21	9	12	6	6	7
500-540	43	10	18	4	8	10	12	5	12	6	7	8
450-490	30	7	8	2	5	6	7	3	16	8	4	4
400-440	16	4	3	1	5	6	6	3	9	5	3	3
350-390	15	3	2	0	2	2	8	4	2	1	3	3
300-340	5	1			5	6	5	2	1	1		
250-290					1	1	2	1				
200-240												
Total	450		411		84		222		192		90	
Mean	608		690		600		632		644		656	
SD	101		90		127		115		109		112	
75th percentile	680		760		690		720		720		740	
50th percentile	620		710		630		670		670		680	
25th percentile	550		630		510		580		580		580	

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	3	75	39	32	9	43						
700-740			21	17	4	19			2	50		
650-690	1	25	20	16	2	10	1	100				
600-640			14	11	1	5						
550-590			12	10	3	14			1	25		
500-540			8	7	1	5						
450-490			2	2	1	5			1	25		
400-440			1	1								
350-390			4	3								
300-340			2	2								
250-290												
200-240												
Total	4		123		21		1		4			
Mean			667		695							
SD			115									
75th percentile			750		770							
50th percentile			690		710							
25th percentile			600		590							

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	33					7	33	38	22	9	45
700-740	2	33	2	100			5	24	38	22	3	15
650-690	1	17					3	14	28	17	2	10
600-640	1	17							19	11	1	5
550-590							4	19	19	11	2	10
500-540							1	5	9	5	2	10
450-490							1	5	9	5		
400-440									4	2		
350-390									2	1	1	5
300-340									3	2		
250-290												
200-240												
Total	6		2				21		169		20	
Mean	720						680		655		687	
SD									111			
75th percentile							750		740		790	
50th percentile							700		690		710	
25th percentile							560		590		590	

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	5	0	422	458	398
Architecture and Related Services	43	2	463	466	470
Area, Ethnic, Cultural and Gender Studies	10	0	510	478	527
Biological and Biomedical Sciences	110	5	495	474	483
Business Management, Marketing, and Related Support Services	389	17	443	442	440
Communication, Journalism and Related Programs	140	6	469	435	466
Computer and Information Sciences and Support Services	91	4	420	424	417
Construction Trades	1	0			
Education	73	3	431	404	418
Engineering	153	7	446	465	435
Engineering Technologies/Technicians	46	2	390	395	395
English Language and Literature/Letters	51	2	605	541	591
Family and Consumer Sciences/Human Sciences	3	0			
Foreign Languages, Literatures, and Linguistics	17	1	584	559	591
Health Professions and Related Clinical Services	316	13	431	419	432
History	24	1	566	539	564
Legal Professions and Studies	102	4	455	424	443
Liberal Arts and Sciences, General Studies, and Humanities	37	2	641	611	643
Library Science/Librarianship					
Mathematics and Statistics	19	1	439	525	445
Mechanic and Repair Technologies/Technician	4	0			
Military Sciences	3	0			
Multi/Interdisciplinary Studies	4	0			
Natural Resources and Conservation	12	1	547	514	549
Parks, Recreation, Leisure and Fitness Studies	23	1	395	421	401
Personal and Culinary Services	6	0	372	362	390
Philosophy and Religious Studies	9	0	622	570	588
Physical Sciences	28	1	578	568	548
Precision Production					
Psychology	145	6	459	428	455
Public Administration and Social Services Professions	13	1	393	352	402
Security and Protective Services	52	2	424	402	412
Social Sciences	71	3	570	525	556
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	2	0			
Visual and Performing Arts	244	10	469	428	465
Other	25	1	383	367	383
Undecided	66	3	562	539	557
Degree-Level Goal					
Certificate Program	26	1	378	368	385
Associate Degree	43	1	344	335	339
Bachelor's Degree	591	20	417	401	407
Master's Degree	931	32	467	453	467
Doctoral or Related Degree	631	22	507	490	503
Other	21	1	373	352	361
Undecided	649	22	531	516	528

College Plans

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

Of the 4,191 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 3,292 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 1,230 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	654	19.9
HOWARD UNIVERSITY	DC	Private	398	12.1
DELAWARE STATE UNIVERSITY	DE	Public	371	11.3
BOWIE STATE UNIVERSITY	MD	Public	369	11.2
UNIVERSITY OF VIRGINIA	VA	Public	345	10.5
GEORGETOWN UNIVERSITY	DC	Private	326	9.9
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	322	9.8
MORGAN STATE UNIVERSITY	MD	Public	303	9.2
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	284	8.6
CLARK ATLANTA UNIVERSITY	GA	Private	283	8.6
VIRGINIA COMMONWEALTH UNIVERSITY	VA	Public	267	8.1
TEMPLE UNIVERSITY	PA	Private	263	8.0
HAMPTON UNIVERSITY	VA	Private	258	7.8
VIRGINIA STATE UNIVERSITY	VA	Public	251	7.6
NEW YORK UNIVERSITY	NY	Private	232	7.0
UNIVERSITY OF MARYLAND EASTERN SHORE	MD	Public	231	7.0
GEORGE MASON UNIVERSITY	VA	Public	218	6.6
UNIVERSITY OF THE DISTRICT OF COLUMBIA	DC	Public	217	6.6
NORFOLK STATE UNIVERSITY	VA	Public	214	6.5
GEORGE WASHINGTON UNIVERSITY	DC	Private	212	6.4
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	210	6.4
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	186	5.7
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	186	5.7
BROWN UNIVERSITY	RI	Private	185	5.6
UNIVERSITY OF MIAMI	FL	Private	172	5.2
NCAA ELIGIBILITY CENTER	IA	Public	171	5.2
BOSTON COLLEGE	MA	Private	171	5.2
YALE UNIVERSITY	CT	Private	168	5.1
TUFTS UNIVERSITY	MA	Private	168	5.1
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	160	4.9
PRINCETON UNIVERSITY	NJ	Private	160	4.9
CORNELL UNIVERSITY	NY	Private	159	4.8
FLORIDA AGRICULTURAL MECHANICAL UNIVERSI	FL	Public	159	4.8
AMERICAN UNIVERSITY DC	DC	Private	159	4.8
UNIVERSITY OF DELAWARE	DE	Public	157	4.8
SPELMAN COLLEGE	GA	Private	155	4.7
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	154	4.7
DUKE UNIVERSITY	NC	Private	148	4.5
TRINITY COLLEGE DC	DC	Private	147	4.5
FORDHAM UNIVERSITY	NY	Private	144	4.4
COLUMBIA UNIVERSITY COLUMBIA COLLEGE	NY	Private	144	4.4
COLLEGE OF WILLIAM AND MARY	VA	Public	143	4.3
TOWSON UNIVERSITY	MD	Public	137	4.2
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	137	4.2
STANFORD UNIVERSITY	CA	Private	133	4.0

*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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