



2008 College-Bound Seniors

State Profile Report

MARYLAND

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	
Total	46,928	499	118	502	125	497	116	49.6	11.6	7.2	1.8

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	
Male	21,536	501	120	521	129	489	117	49.1	11.6	6.9	1.8
Female	25,324	497	116	487	119	504	115	50.0	11.5	7.4	1.7
No Response**	68	363	97	369	88	375	91	38.4	8.8	5.4	1.6

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	
Senior (2007-2008)	33,617	486	113	488	120	484	111	48.4	11.1	7.1	1.7
Junior (2006-2007)	13,118	531	124	540	128	530	123	52.8	12.2	7.5	1.8
Sophomore (2005-2006)	152	523	121	517	120	495	111	50.5	11.0	6.8	2.0
Freshman (2004-2005)	41	475	121	499	136	451	96	45.3	9.6	6.7	1.6
Total	46,928	499	118	502	125	497	116	49.6	11.6	7.2	1.8

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	
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 46,928 students in this report, 46,908 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	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	580	590	580	580	590	570
50th	500	500	490	500	510	490
25th	420	410	410	420	430	420

Table 6: Score Distributions

SAT Reasoning Test	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	413	440	853	811	360	1,171	286	522	808
700–740	754	830	1,584	1,138	696	1,834	638	906	1,544
650–690	1,439	1,441	2,880	2,097	1,520	3,617	1,293	1,637	2,931
600–640	2,369	2,572	4,942	2,480	2,274	4,754	1,820	2,450	4,271
550–590	2,728	3,150	5,880	3,048	3,278	6,330	2,819	3,548	6,367
500–540	3,384	4,193	7,580	3,028	3,817	6,847	3,199	3,998	7,199
450–490	3,239	4,069	7,317	2,748	3,916	6,674	3,546	4,272	7,829
400–440	3,020	3,777	6,804	2,323	3,716	6,049	3,208	3,552	6,775
350–390	2,061	2,565	4,639	1,847	2,734	4,591	2,394	2,457	4,864
300–340	1,197	1,317	2,531	1,131	1,773	2,924	1,357	1,246	2,614
250–290	555	612	1,176	522	777	1,306	648	501	1,159
200–240	377	358	742	363	463	831	317	226	547

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	36,368	83	45	55	490	498	490
Religiously Affiliated	5,946	14	48	52	543	533	540
Independent	1,562	4	50	50	584	583	582
Other or Unknown	3,052						

Table 8: Test-Taking Conditions

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	45,700	97	498	118	502	125	497	116
Nonstandard Conditions	1,228	3	507	120	511	131	506	120

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	209	0	473	121	476	121	465	111
Asian, Asian American, or Pacific Islander	3,387	7	531	125	584	125	538	120
Black or African American	13,091	28	423	99	411	101	423	95
Mexican or Mexican American	270	1	480	119	479	119	473	111
Puerto Rican	283	1	508	114	503	114	506	112
Other Hispanic, Latino, or Latin American	1,862	4	471	109	475	111	471	106
White	24,397	52	540	103	547	104	536	103
Other	1,358	3	499	120	499	123	497	116
No Response	2,071	4	464	139	453	140	459	135
Total	46,928	100	499	118	502	125	497	116

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	85	0	486	108	502	118	462	109
Asian, Asian American, or Pacific Islander	1,719	4	533	124	599	124	532	121
Black or African American	5,699	12	419	101	419	105	411	95
Mexican or Mexican American	126	0	491	131	499	127	479	120
Puerto Rican	123	0	509	118	523	114	493	115
Other Hispanic, Latino, or Latin American	802	2	472	107	498	111	464	104
White	11,416	24	542	104	567	105	527	103
Other	548	1	506	122	526	127	495	118
No Response	1,018	2	464	142	468	147	450	134
Total	21,536	46	501	120	521	129	489	117

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	123	0	463	128	458	121	467	112
Asian, Asian American, or Pacific Islander	1,667	4	529	126	568	124	544	120
Black or African American	7,370	16	427	98	406	97	433	94
Mexican or Mexican American	144	0	470	106	461	108	467	102
Puerto Rican	160	0	508	111	487	112	515	109
Other Hispanic, Latino, or Latin American	1,059	2	471	111	457	107	476	108
White	12,969	28	538	102	529	100	545	103
Other	805	2	496	117	482	116	499	114
No Response	1,027	2	467	135	441	132	472	133
Total	25,324	54	497	116	487	119	504	115

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	46,928	100	499	118	502	125	497	116
First Language Learned								
English	35,560	83	500	114	500	120	497	112
English and Another	4,964	12	481	115	493	124	485	113
Another Language	2,480	6	476	127	521	135	486	121
No Response	3,924							
Citizenship								
U.S. Citizen / U.S. National	40,339	95	500	114	501	120	498	112
U.S. Permanent Resident or Refugee	1,591	4	444	123	482	136	458	118
Citizen of Another Country	506	1	459	121	527	138	476	118
Other, Unknown, or No Response	4,492							
Disabling Condition								
Yes	3,105	7	488	113	489	119	479	110
Unknown or No Response	43,823							
Plans to Apply for Financial Aid								
Yes	27,801	71	491	113	491	119	488	110
No	2,856	7	532	107	544	113	534	109
Don't Know	8,759	22	513	113	524	118	512	111
Family Income								
\$0 - \$20,000	1,944	7	414	102	417	110	416	98
\$20,000–\$40,000	3,444	12	445	102	445	110	443	98
\$40,000–\$60,000	3,895	13	469	105	471	112	466	102
\$60,000–\$80,000	4,221	15	490	105	491	110	486	103
\$80,000–\$100,000	4,084	14	510	105	513	108	505	104
\$100,000–\$120,000	3,766	13	520	105	526	109	518	105
\$120,000–\$140,000	2,061	7	521	106	527	109	519	103
\$140,000–\$160,000	1,557	5	532	100	542	108	530	103
\$160,000–\$200,000	1,877	6	536	107	542	109	533	103
More than \$200,000	2,112	7	559	104	572	109	565	104
No Response	17,967							
Highest Level of Parental Education								
No High School Diploma	1,120	3	412	100	424	114	415	96
High School Diploma	12,307	31	452	100	454	108	449	96
Associate Degree	2,773	7	472	98	475	106	468	96
Bachelor's Degree	11,935	30	513	104	518	111	511	103
Graduate Degree	11,394	29	556	110	560	114	555	109
Took the PSAT/NMSQT®								
Yes, As a Junior	8,167	22	481	114	483	119	480	110
Yes, As a Sophomore or Younger	7,706	20	481	108	484	117	478	105
Yes, As a Junior and As a Sophomore or Younger	19,249	51	526	108	531	114	525	107
No	2,560	7	437	109	435	114	428	102

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	5,164	29	42	58	575	590	576
Second Tenth	4,782	27	45	55	508	520	510
Second Fifth	3,766	21	50	50	474	481	471
Final Three Fifths	4,044	23	51	49	436	433	430
No Response	29,172						

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)	1,702	4	37	63	603	618	609
A (93–96)	6,174	15	38	62	567	578	571
A- (90–92)	7,177	17	41	59	540	550	542
B (80–89)	20,443	49	47	53	478	480	475
C (70–79)	6,320	15	56	44	414	407	407
D, E, or F (below 70)	182	0	57	42	394	377	378
No Response	4,930						
Mean Grade Point Average	All Students: 3.21		Male: 3.12		Female: 3.28		

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	2.3	2.2	3.66	3.81	3.74
English and Language Arts	3.9	3.9	3.9	3.11	3.35	3.25
Foreign and Classical Languages	2.7	2.9	2.8	3.04	3.29	3.18
Mathematics	3.9	3.8	3.8	3.01	3.01	3.01
Natural Sciences	3.5	3.5	3.5	3.14	3.22	3.18
Social Sciences and History	3.6	3.5	3.6	3.26	3.30	3.28
Total for All Subjects	19.6	19.9	19.8			

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	1,690	5	41	59	523	519	520
4 Years	30,109	81	46	54	507	511	504
3 Years	4,640	12	42	57	457	458	456
2 Years	506	1	45	54	429	436	438
1 Year	129	0	49	51	418	419	421
1/2 Year or Less	69	0	55	43	390	394	400
No Response	9,785						
Course Work or Experience							
English/Language Arts	33,738	96	44	56	500	502	498
Journalism	4,673	13	33	67	510	496	511
Creative Writing	7,336	21	40	60	498	485	497
American Literature	16,223	46	44	56	517	514	514
Composition/Writing	10,290	29	43	57	511	506	509
British Literature	9,274	26	43	57	527	521	523
World Literature	9,460	27	46	54	515	512	511
Communications	2,003	6	45	54	481	476	479
Public Speaking	4,398	12	39	61	509	499	505
English As Second Language	1,333	4	42	58	427	474	440
AP®/Honors Courses	18,874	51	40	60	547	549	547

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	4,275	11	49	51	537	574	535
4 Years	23,529	63	46	54	511	515	509
3 Years	8,704	23	40	60	457	444	454
2 Years	564	2	45	54	426	422	430
1 Year	99	0	43	56	409	393	404
1/2 Year or Less	82	0	52	46	383	373	383
No Response	9,675						
Highest Level of Mathematics Achieved*							
Calculus	9,722	26	50	50	578	615	578
Pre-calculus	9,899	26	44	56	514	521	514
Trigonometry	5,106	14	44	56	478	471	476
Algebra II	11,136	30	41	58	440	419	436
Algebra I	1,344	4	46	53	389	366	383
AP/Honors Courses	14,087	38	46	54	559	584	559

*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	2,450	7	48	52	548	575	547
4 Years	17,220	47	47	53	522	529	520
3 Years	14,632	40	42	58	475	472	473
2 Years	1,573	4	49	51	455	458	454
1 Year	524	1	45	55	449	445	448
1/2 Year or Less	308	1	36	62	411	401	411
No Response	10,221						
Course Work or Experience							
Biology	35,836	98	45	55	500	504	499
Chemistry	32,845	90	45	55	507	512	506
Physics	19,871	54	49	51	520	534	520
Geology, Earth, or Space Science	16,914	46	46	54	478	478	475
Other Sciences	13,826	38	40	60	502	502	501
AP/Honors Courses	15,110	41	44	56	557	571	556

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	2,153	6	45	55	553	552	546
4 Years	18,304	50	47	53	523	525	521
3 Years	14,869	40	43	57	473	479	471
2 Years	1,124	3	49	51	432	439	436
1 Year	305	1	44	55	413	409	412
1/2 Year or Less	177	0	51	48	397	406	399
No Response	9,996						
Course Work or Experience							
U.S. History	34,691	95	44	55	500	504	499
World History or Cultures	31,242	86	45	55	500	504	499
U.S. Government or Civics	32,295	89	44	56	498	502	496
Economics	6,005	16	49	51	509	517	509
Geography	3,414	9	47	53	490	485	485
Psychology	12,906	35	36	64	516	513	514
European History	7,012	19	48	52	547	545	543
Sociology	4,059	11	36	64	501	496	499
Ancient History	3,122	9	50	50	525	518	520
Other Courses	5,770	16	42	58	515	512	511
AP/Honors Courses	17,361	47	43	57	552	558	551

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	1,965	5	37	63	569	574	572	
4 Years	8,229	22	39	61	554	556	557	
3 Years	10,906	29	45	55	511	517	509	
2 Years	13,379	36	49	51	464	467	459	
1 Year	1,586	4	50	50	431	433	427	
1/2 Year or Less	917	2	59	41	389	391	381	
No Response	9,946							
Course Work or Experience								
Chinese	459	1	44	56	519	564	520	
French	6,872	19	38	62	513	509	511	
German	1,259	3	55	45	532	535	519	
Greek	72	0	60	39	558	544	550	
Hebrew	308	1	42	57	570	567	577	
Italian	485	1	40	59	512	508	512	
Japanese	345	1	54	46	532	524	514	
Korean	55	0	47	51	478	550	484	
Latin	2,960	8	49	51	547	545	540	
Russian	239	1	46	53	525	522	515	
Spanish	26,640	73	45	55	495	500	494	
Other Languages	744	2	35	65	471	479	474	
AP/Honors Courses	9,459	26	39	61	570	579	574	

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	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	1,647	5	36	64	523	517	519
4 Years	6,814	19	39	61	533	526	532
3 Years	5,216	14	40	60	500	497	498
2 Years	8,286	23	46	54	488	492	486
1 Year	11,519	32	51	49	494	508	492
1/2 Year or Less	3,080	8	49	51	471	476	470
No Response	10,366						
Course Work or Experience							
Acting or Play Production	5,688	17	33	67	536	516	532
Art History or Appreciation	6,273	19	46	54	498	496	495
Dance	4,580	14	8	92	485	478	495
Drama: Study or Appreciation	5,075	15	30	69	515	498	514
Music: Study or Appreciation	4,493	13	50	50	524	517	519
Music Performance	13,232	39	44	56	522	522	521
Photography or Film	6,743	20	38	62	513	510	510
Studio Art and Design	8,046	24	39	61	515	516	514
None	4,620	14	56	43	461	475	459
AP/Honors Courses	4,005	11	37	63	562	560	561

Computers	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Course Work or Experience							
Computer Literacy	21,742	64	45	55	507	510	504
Computer Programming	6,535	19	60	40	508	525	504
Word Processing	22,698	67	44	55	506	508	504
Internet Activity	16,011	47	46	54	510	512	507
Using Computer Graphics	9,826	29	50	50	505	510	501
Creating Spreadsheets/Databases	9,959	29	48	52	514	522	511
None	3,690	11	37	62	496	500	497

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
6,127	15,588	5,922	639	651	641

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	537	9
2	2,481	40
3	2,509	41
4 or More	600	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	2,485	629	101	2,389	655	93	627	93	653	91
History and Social Studies										
U.S. History	1,920	635	103	1,850	652	89	640	92	649	91
World History	746	638	94	729	663	83	656	90	658	83
Mathematics										
Mathematics Level 1	2,318	611	100	2,197	612	95	627	92	617	95
Mathematics Level 2	2,896	688	88	2,841	653	93	696	75	657	88
Science										
Biology-E	691	624	99	652	638	90	647	90	640	93
Biology-M	853	652	88	829	649	90	668	87	649	90
Chemistry	1,193	654	97	1,171	647	98	691	83	649	93
Physics	842	666	87	829	661	87	711	69	655	85
Foreign and Classical Languages										
Chinese/Listening	147	765	62	146	625	135	706	79	632	114
French	394	643	108	386	672	87	655	83	676	87
French/Listening	61	636	112	60	651	78	644	72	658	85
German	8	590		8	674		670		663	
German/Listening	20	588		20	640		597		627	
Modern Hebrew	19	666		18	624		620		641	
Italian	8	656		7	674		620		670	
Japanese/Listening	28	734	76	28	609	127	670	89	622	103
Korean/Listening	55	766	50	54	555	98	672	78	569	89
Latin	82	626	89	82	682	75	684	81	686	69
Spanish	668	627	113	656	649	88	647	91	664	86
Spanish/Listening	154	614	120	152	636	83	619	92	639	84

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	255	10	263	14	98	13
700-740	466	19	357	19	134	18
650-690	519	21	375	20	149	20
600-640	449	18	302	16	134	18
550-590	319	13	252	13	108	14
500-540	220	9	181	9	53	7
450-490	105	4	87	5	46	6
400-440	77	3	57	3	16	2
350-390	49	2	35	2	8	1
300-340	25	1	11	1		
250-290	1	0				
200-240						
Total	2,485		1,920		746	
Mean	629		635		638	
SD	101		103		94	
75th percentile	700		710		710	
50th percentile	640		650		650	
25th percentile	570		570		580	

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	113	5	927	32	61	9	110	13	240	20	176	21
700-740	384	17	557	19	108	16	192	23	215	18	168	20
650-690	470	20	522	18	155	22	198	23	234	20	180	21
600-640	488	21	460	16	135	20	141	17	189	16	131	16
550-590	331	14	245	8	96	14	101	12	141	12	114	14
500-540	219	9	106	4	59	9	65	8	91	8	38	5
450-490	131	6	46	2	34	5	25	3	50	4	25	3
400-440	84	4	25	1	25	4	14	2	23	2	10	1
350-390	75	3	6	0	11	2	6	1	9	1		
300-340	22	1	2	0	7	1	1	0	1	0		
250-290	1	0										
200-240												
Total	2,318		2,896		691		853		1,193		842	
Mean	611		688		624		652		654		666	
SD	100		88		99		88		97		87	
75th percentile	690		760		690		720		730		730	
50th percentile	620		700		640		670		660		670	
25th percentile	550		630		570		600		590		610	

SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	117	80	87	22	13	21	1	13	5	25	7	37
700-740	14	10	56	14	7	11	1	13	2	10	3	16
650-690	7	5	59	15	12	20	2	25			1	5
600-640	3	2	67	17	7	11			3	15	2	11
550-590	4	3	46	12	11	18	2	25			2	11
500-540			39	10	3	5			1	5	3	16
450-490	2	1	21	5	3	5			4	20		
400-440			13	3	4	7	1	13	4	20	1	5
350-390			5	1	1	2	1	13	1	5		
300-340			1	0								
250-290												
200-240												
Total	147		394		61		8		20		19	
Mean	765		643		636		590		588		666	
SD	62		108		112							
75th percentile	800		730		700				740			
50th percentile	790		650		650				540			
25th percentile	750		560		570				430			

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	5	63	16	57	44	80	9	11	120	18	29	19
700-740			6	21	4	7	10	12	89	13	20	13
650-690	1	13	3	11	4	7	17	21	104	16	22	14
600-640					3	5	16	20	113	17	14	9
550-590			2	7			13	16	93	14	21	14
500-540			1	4			9	11	67	10	19	12
450-490							8	10	34	5	13	8
400-440	1	13							26	4	11	7
350-390									10	1	4	3
300-340									10	1	1	1
250-290	1	13							2	0		
200-240												
Total	8		28		55		82		668		154	
Mean	656		734		766		626		627		614	
SD			76		50		89		113		120	
75th percentile			790		800		690		720		720	
50th percentile			760		790		630		640		610	
25th percentile			700		750		560		550		520	

College Plans

Table 26: Intended College Major, Degree-Level Goal

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture, Agriculture Operations, and Related Sciences	168	1	490	503	483
Architecture and Related Services	634	2	495	527	489
Area, Ethnic, Cultural and Gender Studies	25	0	599	533	566
Biological and Biomedical Sciences	1,872	6	540	548	537
Business Management, Marketing, and Related Support Services	4,896	15	474	486	473
Communication, Journalism and Related Programs	1,403	4	516	486	518
Computer and Information Sciences and Support Services	1,344	4	490	511	475
Construction Trades	33	0	395	432	373
Education	2,044	6	478	480	483
Engineering	2,531	8	520	569	513
Engineering Technologies/Technicians	494	2	450	484	440
English Language and Literature/Letters	494	2	591	524	584
Family and Consumer Sciences/Human Sciences	91	0	438	442	442
Foreign Languages, Literatures, and Linguistics	251	1	588	545	579
Health Professions and Related Clinical Services	5,258	16	476	480	482
History	427	1	561	526	534
Legal Professions and Studies	1,045	3	498	485	497
Liberal Arts and Sciences, General Studies, and Humanities	325	1	564	533	558
Library Science/Librarianship	7	0	613	567	607
Mathematics and Statistics	296	1	534	606	530
Mechanic and Repair Technologies/Technician	79	0	403	437	401
Military Sciences	62	0	508	519	488
Multi/Interdisciplinary Studies	52	0	603	576	587
Natural Resources and Conservation	140	0	527	516	521
Parks, Recreation, Leisure and Fitness Studies	213	1	454	461	450
Personal and Culinary Services	153	0	452	445	444
Philosophy and Religious Studies	66	0	583	540	566
Physical Sciences	456	1	548	579	543
Precision Production	1	0			
Psychology	1,755	5	498	478	498
Public Administration and Social Services Professions	112	0	454	432	454
Security and Protective Services	605	2	435	438	434
Social Sciences	643	2	561	536	553
Theology and Religious Vocations	49	0	543	499	519
Transportation and Materials Moving	16	0	455	514	444
Visual and Performing Arts	2,713	8	506	485	504
Other	374	1	460	461	458
Undecided	937	3	535	546	528
Degree-Level Goal					
Certificate Program	355	1	424	427	421
Associate Degree	382	1	404	404	403
Bachelor's Degree	10,848	28	473	477	470
Master's Degree	12,124	31	500	505	499
Doctoral or Related Degree	7,326	19	526	528	527
Other	180	0	426	413	423
Undecided	8,054	21	522	525	518

College Plans

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

Of the 47,133 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 37,680 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 2,276 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	15,611	41.4
TOWSON UNIVERSITY	MD	Public	13,016	34.5
UNIVERSITY OF MARYLAND BALTIMORE COUNTY	MD	Public	7,250	19.2
SALISBURY UNIVERSITY	MD	Public	6,223	16.5
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	4,019	10.7
FROSTBURG STATE UNIVERSITY	MD	Public	3,983	10.6
MORGAN STATE UNIVERSITY	MD	Public	3,528	9.4
BOWIE STATE UNIVERSITY	MD	Public	3,146	8.3
UNIVERSITY OF DELAWARE	DE	Public	3,088	8.2
JOHNS HOPKINS UNIVERSITY	MD	Private	3,064	8.1
VILLA JULIE COLLEGE	MD	Private	2,720	7.2
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	2,706	7.2
SAINT MARYS COLLEGE MARYLAND	MD	Public	2,376	6.3
UNIVERSITY OF MARYLAND EASTERN SHORE	MD	Public	2,262	6.0
HOWARD UNIVERSITY	DC	Private	2,231	5.9
UNIVERSITY OF VIRGINIA	VA	Public	2,070	5.5
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	2,035	5.4
JAMES MADISON UNIVERSITY	VA	Public	1,968	5.2
NCAA ELIGIBILITY CENTER	IA	Public	1,772	4.7
GEORGETOWN UNIVERSITY	DC	Private	1,767	4.7
LOYOLA COLLEGE	MD	Private	1,689	4.5
NEW YORK UNIVERSITY	NY	Private	1,547	4.1
COPPIN STATE COLLEGE	MD	Public	1,539	4.1
MCDANIEL COLLEGE	MD	Private	1,465	3.9
MOUNT SAINT MARYS UNIVERSITY	MD	Private	1,450	3.8
DREXEL UNIVERSITY	PA	Private	1,398	3.7
YORK COLLEGE OF PENNSYLVANIA	PA	Private	1,385	3.7
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,377	3.7
TEMPLE UNIVERSITY	PA	Private	1,347	3.6
CORNELL UNIVERSITY	NY	Private	1,301	3.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	1,282	3.4
AMERICAN UNIVERSITY DC	DC	Private	1,277	3.4
HAMPTON UNIVERSITY	VA	Private	1,186	3.1
GEORGE WASHINGTON UNIVERSITY	DC	Private	1,184	3.1
BOSTON UNIVERSITY	MA	Private	1,147	3.0
WASHINGTON COLLEGE	MD	Private	1,134	3.0
ELON UNIVERSITY	NC	Private	1,103	2.9
GEORGE MASON UNIVERSITY	VA	Public	1,094	2.9
UNIVERSITY OF MIAMI	FL	Private	1,083	2.9
DELAWARE STATE UNIVERSITY	DE	Public	1,064	2.8
HOOD COLLEGE	MD	Private	1,053	2.8
DUKE UNIVERSITY	NC	Private	986	2.6
PRINCETON UNIVERSITY	NJ	Private	973	2.6
GOUCHER COLLEGE	MD	Private	966	2.6
CLEMSON UNIVERSITY	SC	Public	955	2.5

*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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