



2011 College-Bound Seniors

State Profile Report

MARYLAND

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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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 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.
- Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
- 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.org.

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, 1972–2011

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	503	500	501	532	499	514	487	499	493
2008	502	499	500	532	499	514	486	499	493
2009	502	497	499	533	498	514	485	498	492
2010	502	498	500	533	499	515	485	497	491
2011	500	495	497	531	500	514	482	496	489

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 2000–2011, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to present include students testing through June. For further information see <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	47,787	499	116	502	122	491	118	49.3	11.7	7.2	1.7

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	22,240	502	119	518	126	482	119	48.8	11.7	7.0	1.8
Female	25,547	497	115	487	117	498	117	49.6	11.6	7.5	1.6

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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2010-2011)	34,056	486	111	487	117	477	112	47.9	11.1	7.1	1.7
Junior (2009-2010)	13,613	532	122	539	126	525	125	52.6	12.4	7.5	1.7
Sophomore (2008-2009)	111	546	156	567	166	543	159	54.5	15.4	7.5	2.1
Freshman (2007-2008)	7	489		466		454		44.9		7.0	
Total	47,787	499	116	502	122	491	118	49.3	11.7	7.2	1.7

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 Subscores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total Group	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	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 2011 cohort took the SAT writing section. The writing section contains one essay (30 percent of the total score) and 49 multiple-choice questions (70 percent of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3 percent) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20 to 80.

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

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	580	590	570	570	600	560
50th	500	500	490	490	510	480
25th	420	410	410	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.org/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	1,246	1,229	2,475	1,862	1,036	2,898	982	1,437	2,419
600–690	3,758	4,043	7,801	4,673	3,903	8,576	2,999	3,913	6,912
500–590	6,456	7,245	13,701	5,988	6,753	12,741	5,820	7,175	12,995
400–490	6,573	8,169	14,742	5,858	8,172	14,030	7,087	7,956	15,043
300–390	3,410	4,046	7,456	3,011	4,537	7,548	4,217	4,265	8,482
200–290	797	815	1,612	848	1,146	1,994	1,135	801	1,936

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	38,428	83	46	54	492	497	483
Religiously Affiliated	6,253	14	51	49	536	525	530
Independent	1,606	3	51	49	578	578	579
Other or Unknown	1,500		49	51	452	443	436

Table 8: Test-Taking Conditions

Nonstandard conditions reflect test-takers who received an accommodation. *Disabling conditions* are self-reported student responses.

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Disabling Conditions	2,981	6	484	117	483	121	469	117
Nonstandard Conditions	1,314	3	510	123	514	132	509	126

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	225	0	496	106	495	115	474	108
Asian, Asian American, or Pacific Islander	3,704	8	540	124	594	121	548	126
Black or African American	14,793	31	429	98	419	99	418	97
Mexican or Mexican American	327	1	492	120	491	119	479	118
Puerto Rican	296	1	488	106	484	113	475	109
Other Hispanic, Latino, or Latin American	2,023	4	479	108	481	109	474	109
White	23,875	50	541	103	545	104	532	105
Other	1,348	3	510	115	502	118	499	116
No Response	1,196	3	437	125	424	125	423	123
Total	47,787	100	499	116	502	122	491	118

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	113	0	507	107	519	113	470	106
Asian, Asian American, or Pacific Islander	1,891	4	539	124	605	122	538	128
Black or African American	6,501	14	426	99	426	103	406	96
Mexican or Mexican American	144	0	507	123	516	128	481	123
Puerto Rican	126	0	489	108	497	113	465	112
Other Hispanic, Latino, or Latin American	918	2	487	110	502	113	469	112
White	11,382	24	544	104	564	105	522	104
Other	518	1	506	123	520	124	486	118
No Response	647	1	436	129	429	133	414	126
Total	22,240	47	502	119	518	126	482	119

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	112	0	485	103	471	113	478	110
Asian, Asian American, or Pacific Islander	1,813	4	541	124	582	119	559	122
Black or African American	8,292	17	431	98	413	96	428	97
Mexican or Mexican American	183	0	480	115	471	107	477	114
Puerto Rican	170	0	487	104	473	112	482	106
Other Hispanic, Latino, or Latin American	1,105	2	473	105	464	103	478	106
White	12,493	26	538	102	528	100	540	104
Other	830	2	511	109	491	112	507	113
No Response	549	1	439	119	418	114	434	119
Total	25,547	53	497	115	487	117	498	117

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	47,787	100	499	116	502	122	491	118
First Language Learned								
English	38,682	83	502	114	500	119	491	116
English and Another	4,991	11	500	121	509	129	497	124
Another Language	3,072	7	487	123	533	135	498	127
No Response	1,042		438	139	423	144	423	138
Citizenship								
U.S. Citizen / U.S. National	44,029	95	504	115	504	120	494	116
U.S. Permanent Resident or Refugee	1,651	4	466	125	504	135	476	126
Citizen of Another Country	629	1	481	117	551	132	497	122
Other, Unknown, or No Response	1,478		417	122	419	136	406	126
Plans to Apply for Financial Aid								
Yes	30,898	76	496	112	496	117	487	113
No	2,477	6	538	113	547	118	535	116
Don't Know	7,431	18	522	114	533	118	517	116
No Response	6,981		474	132	477	141	464	134
Family Income								
\$0 - \$20,000	2,101	8	425	101	427	107	416	100
\$20,000–\$40,000	3,152	12	454	100	457	109	444	102
\$40,000–\$60,000	3,314	12	476	105	478	112	467	104
\$60,000–\$80,000	3,432	13	491	104	494	108	479	104
\$80,000–\$100,000	3,439	13	508	104	511	108	499	105
\$100,000–\$120,000	3,381	13	526	105	530	108	514	107
\$120,000–\$140,000	1,929	7	530	106	535	112	520	107
\$140,000–\$160,000	1,610	6	535	105	542	110	525	108
\$160,000–\$200,000	2,105	8	539	104	545	110	535	107
More than \$200,000	2,477	9	574	103	582	105	571	105
No Response	20,847		495	123	495	129	486	125
Highest Level of Parental Education								
No High School Diploma	1,268	3	424	95	431	107	418	96
High School Diploma	13,117	30	455	98	456	105	444	98
Associate Degree	3,003	7	475	97	478	103	463	97
Bachelor's Degree	13,639	31	520	104	525	109	512	105
Graduate Degree	12,572	29	566	111	567	117	560	114
No Response	4,188		412	111	409	119	403	111
Took the PSAT/NMSQT®								
Yes, As a Junior	7,489	17	490	112	491	118	482	112
Yes, As a Sophomore or Younger	10,415	24	490	107	493	115	479	108
Yes, As a Junior and As a Sophomore or Younger	21,504	50	535	109	540	113	529	111
No	3,935	9	428	104	424	107	413	100
No Response	4,444		428	120	425	129	416	122

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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	5,260	33	44	56	585	599	583
Second Tenth	4,163	26	47	53	512	524	505
Second Fifth	3,056	19	50	50	480	487	470
Final Three Fifths	3,620	22	50	50	436	436	426
No Response	31,688		46	54	492	492	483

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)	1,932	4	39	61	609	618	610
A (93–96)	7,252	16	40	60	575	586	573
A- (90–92)	7,974	18	42	58	544	556	541
B (80–89)	21,497	48	48	52	478	478	468
C (70–79)	6,191	14	55	45	416	406	398
D, E, or F (below 70)	302	1	61	39	396	389	375
No Response	2,639		52	48	458	448	441
Mean Grade Point Average	All Students: 3.24		Male: 3.16		Female: 3.30		

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	2.2	2.5	2.4	3.66	3.82	3.75
English and Language Arts	3.9	3.9	3.9	3.18	3.41	3.30
Foreign and Classical Languages	2.8	3.0	2.9	3.11	3.34	3.24
Mathematics	3.9	3.9	3.9	3.08	3.07	3.07
Natural Sciences	3.5	3.5	3.5	3.20	3.25	3.22
Social Sciences and History	3.6	3.5	3.6	3.30	3.33	3.32
Total for All Subjects	19.9	20.3	20.2			

Academic Information

Course-Taking Patterns

Table 16: English, Mathematics

English and Language Arts Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,609	12	43	57	529	534	524
4 Years	27,830	71	47	53	513	516	504
3 Years	5,301	14	43	57	467	467	460
2 Years	740	2	47	53	460	472	454
1 Year	408	1	46	54	452	449	436
1/2 Year or Less	345	1	47	53	435	437	419
No Response	8,554		49	51	467	468	458
AP®/Honors Courses	21,291	54	41	59	548	550	542
Course Work or Experience							
English/Language Arts	35,821	97	45	55	505	506	496
Journalism	4,000	11	32	68	511	497	509
Creative Writing	7,139	19	39	61	504	491	496
American Literature	19,286	52	45	55	516	513	507
Composition/Writing	16,027	43	44	56	508	505	501
British Literature	8,823	24	43	57	525	518	516
World Literature	10,411	28	45	55	513	510	504
Communications	2,088	6	46	54	482	479	475
Public Speaking	4,522	12	42	58	507	499	499
English As Second Language	1,755	5	44	56	441	478	448

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	8,609	22	47	53	544	569	538
4 Years	21,843	56	47	53	510	510	501
3 Years	7,262	19	42	58	464	450	453
2 Years	748	2	48	52	455	454	443
1 Year	333	1	45	55	446	447	435
1/2 Year or Less	423	1	45	55	430	423	417
No Response	8,569		49	51	467	467	458
AP/Honors Courses	17,349	44	46	54	558	581	553
Highest Level of Mathematics Achieved*							
Calculus	10,362	27	51	49	581	616	578
Pre-calculus	10,350	27	44	56	521	526	513
Trigonometry	5,348	14	43	57	476	467	467
Algebra II	11,020	28	43	57	447	426	435
Algebra I	1,375	4	47	53	398	373	381

*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.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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	Writing
More Than 4 Years	4,537	12	46	54	548	566	542	
4 Years	16,600	43	48	52	527	532	519	
3 Years	13,379	35	43	57	482	478	472	
2 Years	1,866	5	48	52	477	476	465	
1 Year	991	3	48	52	462	464	449	
1/2 Year or Less	1,022	3	41	59	434	434	425	
No Response	9,392		50	50	468	468	458	
AP/Honors Courses	17,110	45	44	56	559	571	553	
Course Work or Experience								
Biology	37,210	99	45	55	505	508	497	
Chemistry	34,161	91	45	55	512	516	504	
Physics	19,874	53	50	50	527	540	520	
Geology, Earth, or Space Science	16,653	44	46	54	488	486	477	
Other Sciences	13,372	35	40	60	500	501	493	

Social Sciences and History	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,126	11	46	54	545	548	537	
4 Years	17,545	45	48	52	528	528	519	
3 Years	14,668	38	43	57	481	487	472	
2 Years	1,514	4	48	52	464	470	455	
1 Year	624	2	47	53	448	450	442	
1/2 Year or Less	493	1	44	56	417	418	406	
No Response	8,817		49	51	467	468	458	
AP/Honors Courses	20,409	52	44	56	553	557	545	
Course Work or Experience								
U.S. History	35,759	95	45	55	505	508	497	
World History or Cultures	32,738	87	45	55	505	508	497	
U.S. Government or Civics	33,130	88	45	55	503	506	495	
Economics	5,387	14	50	50	512	516	506	
Geography	4,202	11	46	54	495	490	487	
Psychology	13,170	35	37	63	518	514	510	
European History	6,488	17	48	52	547	542	536	
Sociology	4,103	11	37	63	497	489	486	
Ancient History	3,489	9	49	51	527	515	515	
Other Courses	4,585	12	45	55	516	510	505	

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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	3,724	10	38	62	570	574	569
4 Years	8,787	23	42	58	555	557	552
3 Years	11,875	31	46	54	511	517	503
2 Years	11,838	30	50	50	464	467	451
1 Year	1,348	3	50	50	439	436	422
1/2 Year or Less	1,329	3	53	47	415	418	402
No Response	8,886		50	50	466	467	457
AP/Honors Courses	10,772	28	40	60	570	578	569
Course Work or Experience							
Chinese	897	2	48	52	541	568	534
French	6,552	17	38	62	516	509	508
German	1,193	3	58	42	531	529	513
Greek	90	0	58	42	561	526	531
Hebrew	312	1	50	50	579	556	574
Italian	540	1	48	52	505	492	493
Japanese	358	1	51	49	533	527	508
Korean	75	0	47	53	469	516	467
Latin	2,835	7	52	48	546	542	534
Russian	221	1	42	58	506	504	498
Spanish	28,001	74	46	54	501	505	493
Other Languages	978	3	36	64	488	492	479

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,239	8	39	61	531	529	524	
4 Years	7,131	19	39	61	533	527	527	
3 Years	6,072	16	40	60	502	498	494	
2 Years	8,902	23	47	53	496	501	488	
1 Year	9,997	26	53	47	502	514	492	
1/2 Year or Less	3,133	8	51	49	469	474	458	
No Response	9,313		49	51	470	471	461	
AP/Honors Courses	4,944	13	37	63	558	560	555	
Course Work or Experience								
Acting or Play Production	6,046	17	33	67	543	522	534	
Art History or Appreciation	6,932	19	46	54	506	504	498	
Dance	5,265	14	9	91	489	482	491	
Drama: Study or Appreciation	5,681	16	31	69	514	500	508	
Music: Study or Appreciation	5,096	14	52	48	532	525	522	
Music Performance	15,789	43	45	55	527	528	520	
Photography or Film	8,618	24	36	64	512	509	506	
Studio Art and Design	9,601	26	38	62	520	521	513	
None	4,460	12	61	39	463	474	450	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	20,972	59	46	54	514	516	505
Computer Programming	7,293	20	60	40	514	530	504
Word Processing	19,568	55	45	55	513	513	504
Internet Activity	14,571	41	46	54	516	516	507
Using Computer Graphics	11,285	32	50	50	507	510	497
Creating Spreadsheets/Databases	10,778	30	48	52	517	522	509
None	5,806	16	38	62	498	499	491

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

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
6,056	15,204	5,879	642	656	644

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	566	9
2	2,639	44
3	2,219	37
4 or More	632	10

Table 21: Mean Scores for SAT Subject Test Takers 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			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	2,266	634	94	2,195	659	90	633	89	659	90
History and Social Studies										
U.S. History	1,750	647	97	1,700	656	86	644	90	653	85
World History	718	649	96	699	664	86	660	86	664	87
Mathematics										
Mathematics Level 1	1,948	626	87	1,871	616	94	635	83	621	93
Mathematics Level 2	3,175	698	83	3,097	657	89	699	66	663	86
Science										
Biology-E	761	631	95	745	635	90	650	87	639	92
Biology-M	1,020	661	89	990	652	86	668	83	655	87
Chemistry	1,242	664	97	1,207	652	88	693	72	656	88
Physics	935	671	91	913	661	89	710	69	657	87
Foreign and Classical Languages										
Chinese/Listening	156	770	48	155	644	103	714	75	659	95
French	288	650	109	280	672	86	658	87	681	87
French/Listening	56	684	122	54	652	78	643	81	661	68
German	12	599		12	664		667		673	
German/Listening	17	617		17	641		636		631	
Modern Hebrew	15	640		14	647		669		654	
Italian	12	713		11	660		645		672	
Japanese/Listening	23	720		23	592		680		620	
Korean/Listening	45	779	35	44	537	99	678	73	585	100
Latin	74	589	94	70	681	66	674	73	678	78
Spanish	600	627	109	580	651	84	648	84	667	87
Spanish/Listening	91	641	110	91	641	79	623	75	654	78

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	236	10	296	17	138	19
700-740	459	20	332	19	118	16
650-690	454	20	309	18	123	17
600-640	403	18	309	18	137	19
550-590	325	14	217	12	91	13
500-540	196	9	159	9	60	8
450-490	96	4	69	4	39	5
400-440	67	3	39	2	10	1
350-390	20	1	16	1	1	0
300-340	10	0	4	0	1	0
250-290						
200-240						
Total	2,266		1,750		718	
Mean	634		647		649	
SD	94		97		96	
75th percentile	700		720		730	
50th percentile	650		660		660	
25th percentile	580		580		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	123	6	1,157	36	82	11	198	19	300	24	235	25
700-740	317	16	574	18	136	18	205	20	238	19	173	19
650-690	476	24	552	17	137	18	202	20	230	19	183	20
600-640	386	20	489	15	165	22	171	17	180	14	144	15
550-590	318	16	268	8	104	14	140	14	127	10	102	11
500-540	186	10	100	3	72	9	61	6	95	8	64	7
450-490	65	3	23	1	34	4	28	3	49	4	24	3
400-440	49	3	11	0	20	3	10	1	17	1	10	1
350-390	22	1	1	0	8	1	4	0	6	0		
300-340	6	0			2	0	1	0				
250-290					1	0						
200-240												
Total	1,948		3,175		761		1,020		1,242		935	
Mean	626		698		631		661		664		671	
SD	87		83		95		89		97		91	
75th percentile	690		770		700		730		740		750	
50th percentile	640		710		640		670		680		680	
25th percentile	570		640		570		600		600		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	129	83	62	22	27	48	2	17	6	35	5	33
700-740	13	8	47	16	4	7	3	25	2	12		
650-690	9	6	57	20	4	7			1	6	1	7
600-640	2	1	36	13	8	14	1	8			4	27
550-590	2	1	34	12	5	9			2	12	1	7
500-540	1	1	19	7	3	5	2	17	2	12	2	13
450-490			18	6	2	4	1	8	1	6	1	7
400-440			12	4	2	4	3	25			1	7
350-390			3	1	1	2			2	12		
300-340									1	6		
250-290												
200-240												
Total	156		288		56		12		17		15	
Mean	770		650		684		599		617		640	
SD	48		109		122							
75th percentile	800		730		790							
50th percentile	790		660		720							
25th percentile	760		570		600							

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	6	50	14	61	41	91	6	8	90	15	20	22
700-740	4	33	3	13	2	4	4	5	92	15	16	18
650-690			1	4	1	2	9	12	91	15	10	11
600-640	1	8	2	9	1	2	12	16	116	19	14	15
550-590			2	9			19	26	80	13	12	13
500-540			1	4			11	15	50	8	12	13
450-490							11	15	42	7	2	2
400-440							2	3	24	4	3	3
350-390	1	8							10	2	2	2
300-340									4	1		
250-290									1	0		
200-240												
Total	12		23		45		74		600		91	
Mean	713		720		779		589		627		641	
SD					35		94		109		110	
75th percentile			780		800		640		710		730	
50th percentile			750		790		580		630		640	
25th percentile			640		770		510		560		560	

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	242	1	488	483	479
Architecture and Related Services	678	2	498	529	493
Area, Ethnic, Cultural and Gender Studies	34	0	534	486	508
Biological and Biomedical Sciences	2,747	7	543	548	538
Business Management, Marketing, and Related Support Services	4,492	11	481	496	475
Communication, Journalism and Related Programs	1,396	3	512	485	511
Computer and Information Sciences and Support Services	1,362	3	505	522	485
Construction Trades	25	0	396	396	367
Education	2,137	5	486	485	484
Engineering	3,560	9	534	577	519
Engineering Technologies/Technicians	724	2	461	488	438
English Language and Literature/Letters	598	1	587	523	578
Family and Consumer Sciences/Human Sciences	142	0	461	445	445
Foreign Languages, Literatures, and Linguistics	303	1	576	541	567
Health Professions and Related Clinical Services	6,383	15	486	491	485
History	583	1	555	518	521
Legal Professions and Studies	1,337	3	510	497	499
Liberal Arts and Sciences, General Studies, and Humanities	423	1	561	529	546
Library Science And Administration	11	0	593	565	565
Mathematics and Statistics	490	1	529	595	528
Mechanic and Repair Technologies/Technician	88	0	438	440	411
Military Technologies And Applied Sciences	51	0	497	497	458
Multi/Interdisciplinary Studies	62	0	562	561	554
Natural Resources and Conservation	230	1	530	522	516
Parks, Recreation, Leisure and Fitness Studies	412	1	446	463	436
Personal and Culinary Services	203	0	453	449	438
Philosophy and Religious Studies	89	0	547	501	518
Physical Sciences	573	1	558	574	543
Precision Production	2	0			
Psychology	2,146	5	505	486	496
Public Administration and Social Services Professions	155	0	472	452	458
Security and Protective Services	1,059	3	449	448	435
Social Sciences	708	2	576	544	562
Theology and Religious Vocations	52	0	552	522	531
Transportation and Materials Moving	13	0	473	484	502
Visual and Performing Arts	3,343	8	502	483	494
Other	898	2	464	465	454
Undecided	3,559	9	537	547	530
Degree-Level Goal					
Certificate Program	377	1	441	435	424
Associate Degree	492	1	414	406	403
Bachelor's Degree	13,064	31	480	483	469
Master's Degree	12,563	30	509	512	502
Doctoral or Related Degree	8,738	21	534	538	529
Other	240	1	429	429	418
Undecided	6,494	15	523	525	514

College Plans

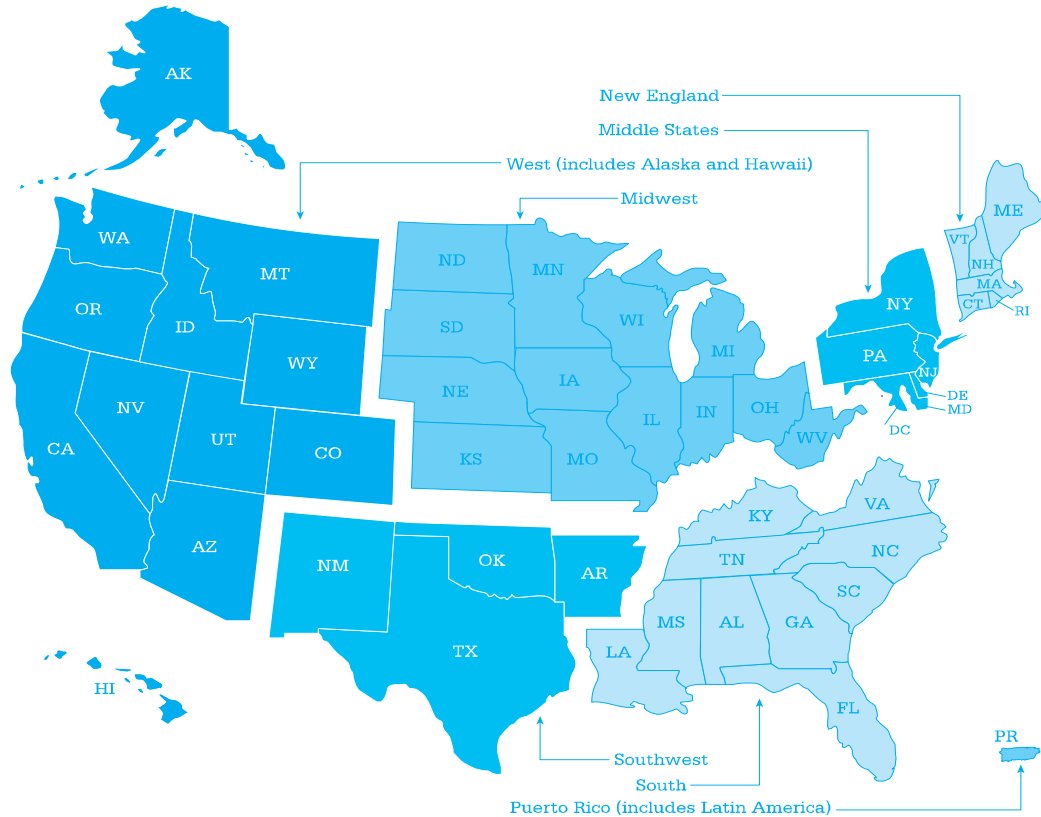
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 47,964 students from your state who took the SAT and/or an SAT Subject Test, 36,019 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 2,095 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	13,911	38.6
TOWSON UNIVERSITY	MD	Public	11,491	31.9
UNIVERSITY OF MARYLAND BALTIMORE COUNTY	MD	Public	7,079	19.7
SALISBURY UNIVERSITY	MD	Public	5,974	16.6
PENNSYLVANIA STATE UNIVERSITY	PA	Public	3,550	9.9
FROSTBURG STATE UNIVERSITY	MD	Public	3,328	9.2
STEVENSON UNIVERSITY	MD	Private	3,068	8.5
MORGAN STATE UNIVERSITY	MD	Public	2,801	7.8
UNIVERSITY OF DELAWARE	DE	Public	2,596	7.2
NCAA ELIGIBILITY CENTER	IN	Public	2,524	7.0
BOWIE STATE UNIVERSITY	MD	Public	2,442	6.8
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	2,319	6.4
JAMES MADISON UNIVERSITY	VA	Public	2,167	6.0
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	2,074	5.8
YORK COLLEGE OF PENNSYLVANIA	PA	Private	1,984	5.5
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	1,844	5.1
UNIVERSITY OF MARYLAND EASTERN SHORE	MD	Public	1,833	5.1
SAINT MARYS COLLEGE MARYLAND	MD	Public	1,804	5.0
UNIVERSITY OF VIRGINIA	VA	Public	1,793	5.0
DREXEL UNIVERSITY	PA	Private	1,747	4.9
LOYOLA COLLEGE	MD	Private	1,613	4.5
HOWARD UNIVERSITY	DC	Private	1,523	4.2
MOUNT SAINT MARYS UNIVERSITY	MD	Private	1,521	4.2
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	1,376	3.8
GEORGETOWN UNIVERSITY	DC	Private	1,335	3.7
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	1,299	3.6
MCDANIEL COLLEGE	MD	Private	1,266	3.5
COPPIN STATE COLLEGE	MD	Public	1,253	3.5
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,242	3.4
CORNELL UNIVERSITY	NY	Private	1,211	3.4
WASHINGTON COLLEGE	MD	Private	1,191	3.3
NEW YORK UNIVERSITY	NY	Private	1,151	3.2
PRINCETON UNIVERSITY	NJ	Private	1,093	3.0
AMERICAN UNIVERSITY DC	DC	Private	1,083	3.0
DELAWARE STATE UNIVERSITY	DE	Public	1,050	2.9
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	1,035	2.9
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	1,006	2.8
GEORGE MASON UNIVERSITY	VA	Public	1,002	2.8
DUKE UNIVERSITY	NC	Private	992	2.8
GEORGE WASHINGTON UNIVERSITY	DC	Private	984	2.7
TEMPLE UNIVERSITY	PA	Private	981	2.7
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	956	2.7
BOSTON UNIVERSITY	MA	Private	930	2.6
EAST CAROLINA UNIVERSITY	NC	Public	919	2.6
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	915	2.5

*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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