



2013 College-Bound Seniors

State Profile Report



DIST OF COLUMBIA

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

DATA EMBARGO IN EFFECT *This report contains information on college-bound students in the class of 2013 who took the SAT[®] or SAT Subject Tests[™] at any time during high school. **Data and other information in this report are embargoed from dissemination to the media and general public until the College Board's press conference in mid-September.** You may use the data and other information in this report for internal purposes prior to the College-Bound Seniors press conference. If you have any questions about the embargo or the College-Board national press conference, please contact the College Board communications department at communications@collegeboard.org.*

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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 2013 includes students who tested through June 2013.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2013 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

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

Keep in mind, however, that:

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

programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board website 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.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2013

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
2012	498	493	496	532	499	514	481	494	488
2013	499	494	496	531	499	514	482	493	488

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 2000–2013, 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 www.collegeboard.org/cbs.

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SAT® Data

Data in this report are for high school graduates in the year 2013. Information is summarized for seniors who took the SAT at any time during their high school years through June 2013. 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	3,977	473	147	466	145	461	148	46.5	14.6	6.6	2.0

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	1,893	485	149	487	148	466	150	47.3	14.7	6.5	2.1
Female	2,084	462	145	446	140	456	147	45.7	14.5	6.7	1.9

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 (2012-2013)	2,988	452	134	444	132	438	135	44.1	13.3	6.4	1.9
Junior (2011-2012)	984	536	165	531	162	529	164	53.4	16.1	7.3	1.9
Sophomore (2010-2011)	5	684		666		722		70.2		9.8	
Freshman (2009-2010)	0										
Total	3,977	473	147	466	145	461	148	46.5	14.6	6.6	2.0

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	1,660,047	496	115	514	118	488	114	49.0	11.5	7.1	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 2013 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	570	570	570	600	560
50th	450	440	430	490	510	480
25th	360	350	350	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	203	173	376	205	123	328	154	173	327
600-690	274	240	514	290	238	528	305	259	564
500-590	355	331	686	351	330	681	303	279	582
400-490	466	552	1,018	448	546	994	400	521	921
300-390	425	572	997	433	571	1,004	501	606	1,107
200-290	170	216	386	166	276	442	230	246	476

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,573	67	43	57	407	400	393
Religiously Affiliated	916	24	60	40	606	596	597
Independent	373	10	50	50	619	605	609
Other or Unknown	115		42	58	407	429	421

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	255	6	455	154	447	160	434	156
Nonstandard Conditions	304	8	490	169	483	176	480	175

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

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Test-Takers Who Described Themselves As:	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
American Indian or Alaska Native	12	0	476		471		444	
Asian, Asian American, or Pacific Islander	138	3	529	135	580	136	533	142
Black or African American	2,289	58	407	108	397	104	392	106
Mexican or Mexican American	26	1	476	126	473	97	488	142
Puerto Rican	14	0	451		467		428	
Other Hispanic, Latino, or Latin American	353	9	433	124	430	122	422	123
White	868	22	642	100	627	100	633	99
Other	162	4	535	140	536	140	531	138
No Response	115	3	466	146	469	142	462	149
Total	3,977	100	473	147	466	145	461	148

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	6	0	480		473		448	
Asian, Asian American, or Pacific Islander	62	2	520	139	601	128	515	142
Black or African American	994	25	408	107	405	104	385	103
Mexican or Mexican American	11	0	478		459		455	
Puerto Rican	7	0	466		479		431	
Other Hispanic, Latino, or Latin American	168	4	438	128	449	125	422	124
White	516	13	634	101	631	99	621	100
Other	66	2	570	144	575	138	554	133
No Response	63	2	481	152	493	143	467	157
Total	1,893	48	485	149	487	148	466	150

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	6	0	472		468		440	
Asian, Asian American, or Pacific Islander	76	2	537	132	564	140	547	139
Black or African American	1,295	33	407	108	391	104	398	108
Mexican or Mexican American	15	0	475		483		513	
Puerto Rican	7	0	436		456		424	
Other Hispanic, Latino, or Latin American	185	5	428	121	412	117	423	122
White	352	9	654	99	622	100	650	95
Other	96	2	511	131	509	136	514	139
No Response	52	1	448	136	440	136	455	138
Total	2,084	52	462	145	446	140	456	147

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	3,977	100	473	147	466	145	461	148
First Language Learned								
English	3,133	82	473	147	462	144	460	148
English and Another	431	11	483	140	484	138	476	145
Another Language	265	7	445	141	464	151	440	143
No Response	148		485	173	491	164	480	177
Citizenship								
U.S. Citizen / U.S. National	3,411	95	481	146	471	144	469	148
U.S. Permanent Resident or Refugee	111	3	438	135	453	141	426	136
Citizen of Another Country	82	2	503	143	547	153	505	134
Other, Unknown, or No Response	373		397	142	399	134	388	141
Plans to Apply for Financial Aid								
Yes	1,973	73	461	125	450	127	448	126
No	252	9	609	143	605	137	599	140
Don't Know	492	18	529	154	525	146	521	156
No Response	1,260		442	156	438	151	430	157
Family Income								
\$0 - \$20,000	231	20	380	90	381	107	377	87
\$20,000–\$40,000	174	15	417	101	405	103	399	101
\$40,000–\$60,000	142	12	428	93	418	98	409	95
\$60,000–\$80,000	85	7	454	106	445	122	444	115
\$80,000–\$100,000	60	5	499	113	482	111	481	109
\$100,000–\$120,000	66	6	527	126	521	139	524	119
\$120,000–\$140,000	52	4	544	113	538	119	521	124
\$140,000–\$160,000	45	4	591	111	574	101	577	116
\$160,000–\$200,000	72	6	567	124	544	130	555	124
More than \$200,000	244	21	640	104	623	103	629	103
No Response	2,806		465	148	459	146	453	150
Highest Level of Parental Education								
No High School Diploma	252	8	390	93	382	102	372	87
High School Diploma	1,234	37	395	95	390	99	383	94
Associate Degree	141	4	435	94	420	103	421	97
Bachelor's Degree	637	19	517	130	508	130	503	133
Graduate Degree	1,083	32	606	127	594	127	597	129
No Response	630		392	121	393	114	382	123
Took the PSAT/NMSQT®								
Yes, As a Junior	889	29	487	145	479	147	476	145
Yes, As a Sophomore or Younger	553	18	476	136	466	136	458	137
Yes, As a Junior and As a Sophomore or Younger	1,225	40	533	135	523	132	525	137
No	361	12	385	114	382	123	373	116
No Response	949		413	143	410	137	400	142

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	338	35	40	60	541	543	526
Second Tenth	226	24	49	51	460	465	453
Second Fifth	161	17	48	52	451	438	433
Final Three Fifths	230	24	46	54	402	392	388
No Response	3,022		48	52	473	464	461

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)	123	4	42	58	554	548	553
A (93–96)	482	14	45	55	569	571	558
A- (90–92)	490	14	47	53	563	554	553
B (80–89)	1,612	47	48	52	460	448	448
C (70–79)	700	20	52	48	374	372	359
D, E, or F (below 70)	25	1	48	52	360	354	318
No Response	545		46	54	456	449	446
Mean Grade Point Average	All Students: 3.12		Male: 3.08		Female: 3.15		

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	2.2	2.2	3.59	3.65	3.62
English and Language Arts	3.7	3.7	3.7	3.13	3.25	3.19
Foreign and Classical Languages	3.0	3.0	3.0	3.11	3.29	3.20
Mathematics	3.8	3.7	3.7	3.06	3.03	3.04
Natural Sciences	3.5	3.4	3.4	3.07	3.05	3.06
Social Sciences and History	3.6	3.5	3.6	3.19	3.16	3.18
Total for All Subjects	19.8	19.5	19.6			

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 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	270	11	44	56	523	513	515
4 Years	1,610	65	47	53	513	505	501
3 Years	406	16	45	55	427	418	415
2 Years	69	3	49	51	414	424	396
1 Year	65	3	43	57	390	384	365
1/2 Year or Less	67	3	40	60	366	353	350
No Response	1,490		50	50	443	438	432
AP®/Honors Courses	972	39	39	61	538	521	524
Course Work or Experience							
English/Language Arts	2,076	95	44	56	490	481	478
Journalism	278	13	40	60	447	437	433
Creative Writing	587	27	41	59	483	471	474
American Literature	1,314	60	47	53	503	495	493
Composition/Writing	1,191	54	45	55	490	480	480
British Literature	526	24	45	55	535	526	524
World Literature	753	34	47	53	496	484	485
Communications	191	9	42	58	442	433	434
Public Speaking	429	20	43	57	497	480	484
English As Second Language	158	7	42	58	395	426	391

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	352	14	45	55	526	527	516
4 Years	1,532	62	47	53	510	501	499
3 Years	415	17	45	55	436	422	421
2 Years	54	2	46	54	401	414	399
1 Year	55	2	35	65	410	406	386
1/2 Year or Less	78	3	46	54	367	364	349
No Response	1,491		50	50	442	436	430
AP/Honors Courses	786	32	48	52	566	576	558
Highest Level of Mathematics Achieved*							
Calculus	713	30	50	50	568	581	560
Pre-calculus	846	36	43	57	477	467	467
Geometry	696	30	45	55	428	400	410
Algebra II	26	1	54	46	436	416	425
Algebra I	11	0	55	45	426	421	407

*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	235	10	47	53	560	564	552	
4 Years	1,292	54	44	56	516	506	503	
3 Years	537	22	51	49	468	455	459	
2 Years	121	5	55	45	410	402	394	
1 Year	84	3	44	56	415	430	406	
1/2 Year or Less	139	6	35	65	388	379	368	
No Response	1,569		50	50	441	435	429	
AP/Honors Courses	686	28	46	54	597	594	589	
Course Work or Experience								
Biology	2,142	97	45	55	493	484	481	
Chemistry	2,080	94	45	55	494	487	483	
Physics	1,649	74	46	54	503	500	493	
Geology, Earth, or Space Science	1,053	47	41	59	459	446	446	
Other Sciences	558	25	40	60	475	468	466	

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	243	10	45	55	536	523	526	
4 Years	1,390	57	47	53	513	502	501	
3 Years	539	22	45	55	462	458	450	
2 Years	119	5	54	46	415	420	406	
1 Year	64	3	47	53	433	423	415	
1/2 Year or Less	98	4	37	63	375	369	358	
No Response	1,524		50	50	442	437	431	
AP/Honors Courses	843	34	45	55	566	551	554	
Course Work or Experience								
U.S. History	2,040	92	45	55	492	484	480	
World History or Cultures	1,908	86	44	56	490	483	479	
U.S. Government or Civics	1,244	56	44	56	466	457	453	
Economics	315	14	52	48	521	530	517	
Geography	551	25	39	61	472	464	458	
Psychology	339	15	40	60	532	514	519	
European History	573	26	56	44	585	575	575	
Sociology	122	5	42	58	465	455	458	
Ancient History	432	19	44	56	519	506	515	
Other Courses	485	22	45	55	522	505	511	

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	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	232	10	41	59	569	562	564	
4 Years	720	30	48	52	572	558	564	
3 Years	642	26	46	54	486	485	477	
2 Years	579	24	46	54	417	406	398	
1 Year	107	4	50	50	404	393	384	
1/2 Year or Less	157	6	41	59	380	380	360	
No Response	1,540		50	50	442	436	430	
AP/Honors Courses	467	19	45	55	615	602	608	
Course Work or Experience								
Chinese	132	6	54	46	540	556	523	
French	553	25	36	64	513	494	500	
German	21	1	57	43	523	496	483	
Greek	21	1	71	29	538	521	515	
Hebrew	9	0	44	56	403	411	394	
Italian	74	3	34	66	451	427	432	
Japanese	19	1	53	47	504	497	487	
Korean	8	0	50	50	386	333	355	
Latin	303	14	57	43	551	536	537	
Russian	22	1	50	50	425	440	423	
Spanish	1,451	65	45	55	474	467	465	
Other Languages	86	4	41	59	506	490	497	

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	151	6	43	57	517	504	513	
4 Years	440	18	46	54	541	527	530	
3 Years	371	15	46	54	504	496	493	
2 Years	570	24	46	54	487	480	475	
1 Year	547	23	48	52	479	473	468	
1/2 Year or Less	345	14	45	55	425	423	409	
No Response	1,553		50	50	445	439	433	
AP/Honors Courses	173	7	44	56	584	562	570	
Course Work or Experience								
Acting or Play Production	463	21	38	62	550	530	539	
Art History or Appreciation	606	28	41	59	500	484	491	
Dance	396	18	16	84	468	452	462	
Drama: Study or Appreciation	334	15	33	67	499	480	491	
Music: Study or Appreciation	673	31	42	58	499	478	484	
Music Performance	962	45	46	54	502	496	493	
Photography or Film	454	21	38	62	510	498	503	
Studio Art and Design	694	32	46	54	522	514	512	
None	243	11	57	43	442	447	427	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	1,071	52	45	55	498	490	487
Computer Programming	444	22	57	43	480	480	468
Word Processing	963	47	44	56	503	492	492
Internet Activity	867	42	42	58	502	491	492
Using Computer Graphics	583	28	46	54	492	481	480
Creating Spreadsheets/Databases	620	30	44	56	504	495	492
None	511	25	41	59	487	480	474

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
1,042	2,740	952	646	641	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	83	8
2	436	42
3	363	35
4 or More	160	15

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			N	SAT						
	N	Mean	SD		Mean	SD	Mean	SD	Mean	SD	
English											
Literature	379	635	103	350	652	105	613	102	646	105	
History and Social Studies											
U.S. History	501	678	95	460	667	94	645	93	660	98	
World History	43	616	93	42	651	86	618	87	639	79	
Mathematics											
Mathematics Level 1	345	604	94	310	614	108	616	94	611	104	
Mathematics Level 2	456	695	90	418	675	101	696	82	669	95	
Science											
Biology-E	139	625	126	125	634	120	632	108	636	103	
Biology-M	198	670	96	184	678	97	665	89	664	98	
Chemistry	262	663	112	242	657	115	680	92	656	100	
Physics	111	626	122	104	618	144	661	117	614	124	
Foreign and Classical Languages											
Chinese/Listening	12	698		12	672		705		663		
French	92	689	95	83	684	76	664	83	683	72	
French/Listening	17	691		15	677		629		679		
German	4			4							
German/Listening	3			3							
Modern Hebrew											
Italian	6	753		5	560		538		580		
Japanese/Listening	5	628		4							
Korean/Listening											
Latin	27	627	103	27	704	64	687	74	687	69	
Spanish	121	675	99	102	655	107	643	92	672	94	
Spanish/Listening	19	688		19	669		662		673		

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	46	12	153	31	3	7
700-740	77	20	103	21	7	16
650-690	81	21	88	18	7	16
600-640	59	16	59	12	4	9
550-590	42	11	46	9	14	33
500-540	34	9	25	5	4	9
450-490	16	4	16	3	3	7
400-440	12	3	9	2	1	2
350-390	12	3	2	0		
300-340						
250-290						
200-240						
Total	379		501		43	
Mean	635		678		616	
SD	103		95		93	
75th percentile	710		750		680	
50th percentile	650		700		590	
25th percentile	570		620		550	

Table 23: Mathematics, Science

SAT Subject Tests	Mathematics				Science							
	Mathematics Level 1		Mathematics Level 2		Biology-E		Biology-M		Chemistry		Physics	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	12	3	171	38	21	15	45	23	74	28	25	23
700-740	51	15	80	18	26	19	52	26	48	18	13	12
650-690	67	19	74	16	27	19	29	15	38	15	14	13
600-640	70	20	69	15	26	19	36	18	39	15	13	12
550-590	49	14	31	7	12	9	16	8	23	9	15	14
500-540	49	14	19	4	9	6	10	5	16	6	11	10
450-490	23	7	5	1	2	1	3	2	6	2	8	7
400-440	16	5	4	1	2	1	5	3	11	4	12	11
350-390	8	2	3	1	7	5	1	1	7	3		
300-340					3	2	1	1				
250-290					4	3						
200-240												
Total	345		456		139		198		262		111	
Mean	604		695		625		670		663		626	
SD	94		90		126		96		112		122	
75th percentile	680		770		710		740		750		730	
50th percentile	620		710		650		690		680		620	
25th percentile	530		640		580		620		600		530	

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	5	42	31	34	7	41	2	50	3	100		
700-740	2	17	20	22	3	18	1	25				
650-690	1	8	16	17	2	12						
600-640	2	17	7	8	1	6						
550-590	1	8	7	8	2	12	1	25				
500-540	1	8	5	5	1	6						
450-490			5	5	1	6						
400-440			1	1								
350-390												
300-340												
250-290												
200-240												
Total	12		92		17		4		3			
Mean	698		689		691							
SD			95									
75th percentile			770									
50th percentile			710									
25th percentile			630									

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	83	2	40			4	15	32	26	6	32
700-740							3	11	27	22	5	26
650-690							6	22	25	21	4	21
600-640	1	17					6	22	15	12	1	5
550-590			1	20			1	4	10	8	2	11
500-540			1	20			3	11	3	2		
450-490			1	20			4	15	6	5		
400-440									1	1	1	5
350-390									1	1		
300-340												
250-290									1	1		
200-240												
Total	6		5				27		121		19	
Mean	753		628				627		675		688	
SD							103		99			
75th percentile							690		750			
50th percentile							610		690			
25th percentile							510		630			

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	14	0	406	379	383
Architecture and Related Services	62	2	474	490	466
Area, Ethnic, Cultural and Gender Studies	11	0	550	495	495
Biological and Biomedical Sciences	176	5	518	511	507
Business Management, Marketing, and Related Support Services	451	14	460	465	451
Communication, Journalism and Related Programs	139	4	486	464	474
Computer and Information Sciences and Support Services	99	3	443	456	414
Construction Trades	3	0			
Education	87	3	427	433	428
Engineering	269	8	507	532	489
Engineering Technologies/Technicians	54	2	410	426	395
English Language and Literature/Letters	55	2	578	514	562
Family and Consumer Sciences/Human Sciences	8	0	396	393	400
Foreign Languages, Literatures, and Linguistics	34	1	585	561	576
Health Professions and Related Clinical Services	337	10	449	443	439
History	47	1	555	509	521
Legal Professions and Studies	112	3	457	434	446
Liberal Arts and Sciences, General Studies, and Humanities	47	1	614	567	594
Library Science And Administration	0	0			
Mathematics and Statistics	16	0	488	564	473
Mechanic and Repair Technologies/Technician	9	0	359	378	356
Military Technologies And Applied Sciences	11	0	513	524	500
Multi/Interdisciplinary Studies	22	1	584	552	564
Natural Resources and Conservation	12	0	537	496	536
Parks, Recreation, Leisure and Fitness Studies	46	1	381	375	364
Personal and Culinary Services	19	1	352	364	353
Philosophy and Religious Studies	14	0	536	475	533
Physical Sciences	32	1	543	554	530
Precision Production	0	0			
Psychology	157	5	495	462	482
Public Administration and Social Services Professions	31	1	402	399	409
Security and Protective Services	128	4	390	379	378
Social Sciences	84	3	596	562	578
Theology and Religious Vocations	1	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	313	10	457	428	445
Other	82	3	400	391	390
Undecided	275	8	593	585	587
Degree-Level Goal					
Certificate Program	33	1	391	365	377
Associate Degree	42	1	363	339	354
Bachelor's Degree	710	25	445	437	432
Master's Degree	872	31	477	467	466
Doctoral or Related Degree	639	23	531	525	517
Other	27	1	343	358	326
Undecided	494	18	527	515	516

College Plans

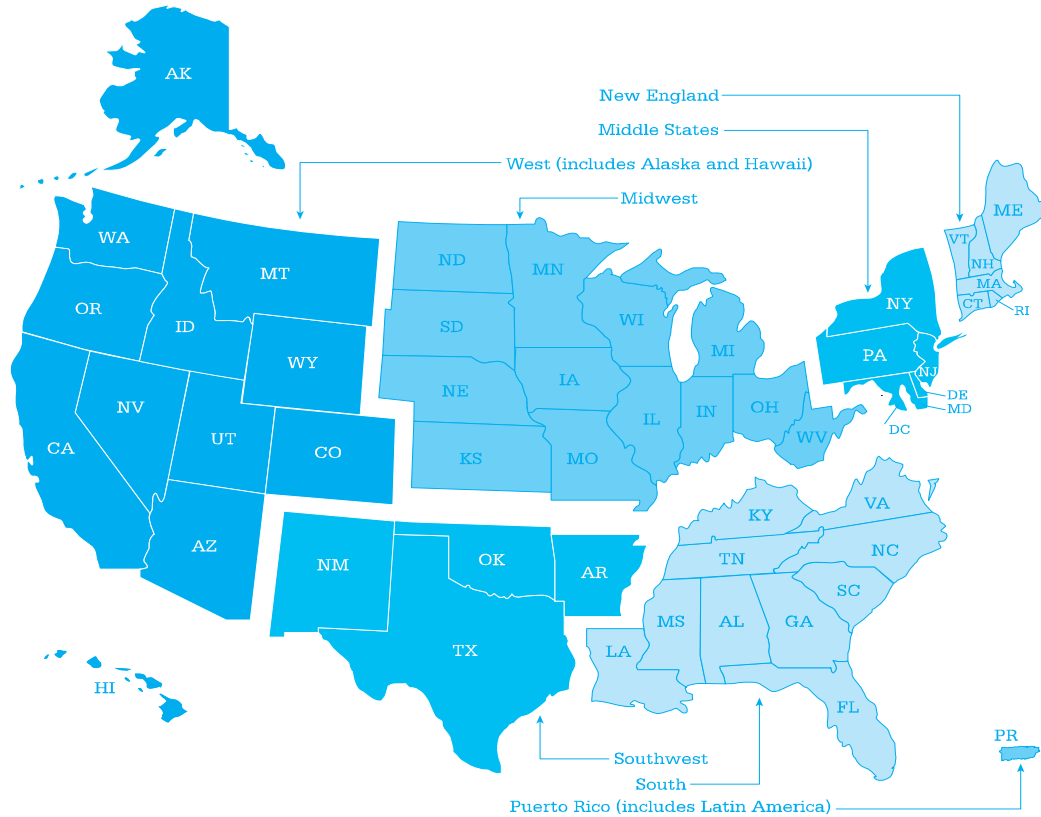
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 4,067 students from your state who took the SAT and/or an SAT Subject Test, 2,811 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 994 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF MARYLAND	MD	Public	401	14.3
UNIVERSITY OF VIRGINIA	VA	Public	282	10.0
PENNSYLVANIA STATE UNIVERSITY	PA	Public	226	8.0
TEMPLE UNIVERSITY	PA	Private	216	7.7
GEORGE MASON UNIVERSITY	VA	Public	212	7.5
UNIVERSITY OF MICHIGAN ANN ARBOR	MI	Public	199	7.1
VIRGINIA COMMONWEALTH UNIVERSITY	VA	Public	189	6.7
DELAWARE STATE UNIVERSITY	DE	Public	182	6.5
NCAA ELIGIBILITY CENTER	IN	Public	180	6.4
GEORGETOWN UNIVERSITY	DC	Private	165	5.9
NORTH CAROLINA AGRICULTURAL TECH STATE U	NC	Public	163	5.8
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	159	5.7
FORDHAM UNIVERSITY	NY	Private	156	5.5
BROWN UNIVERSITY	RI	Private	155	5.5
HOWARD UNIVERSITY	DC	Private	154	5.5
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	152	5.4
VIRGINIA STATE UNIVERSITY	VA	Public	151	5.4
PRINCETON UNIVERSITY	NJ	Private	149	5.3
DREXEL UNIVERSITY	PA	Private	146	5.2
MORGAN STATE UNIVERSITY	MD	Public	143	5.1
TOWSON UNIVERSITY	MD	Public	141	5.0
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	140	5.0
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	138	4.9
NORTHWESTERN UNIVERSITY	IL	Private	137	4.9
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISS	NY	Private	137	4.9
NEW YORK UNIVERSITY	NY	Private	134	4.8
COLLEGE OF WILLIAM AND MARY	VA	Public	130	4.6
BOSTON UNIVERSITY	MA	Private	127	4.5
DUKE UNIVERSITY	NC	Private	125	4.4
UNIVERSITY OF VERMONT	VT	Public	121	4.3
CORNELL UNIVERSITY	NY	Private	121	4.3
JAMES MADISON UNIVERSITY	VA	Public	120	4.3
ST JOHNS UNIVERSITY JAMAICA	NY	Private	119	4.2
TUFTS UNIVERSITY	MA	Private	117	4.2
BOSTON COLLEGE	MA	Private	117	4.2
YALE UNIVERSITY	CT	Private	116	4.1
BOWIE STATE UNIVERSITY	MD	Public	114	4.1
GEORGE WASHINGTON UNIVERSITY	DC	Private	113	4.0
STANFORD UNIVERSITY	CA	Private	112	4.0
TULANE UNIVERSITY	LA	Private	112	4.0
UNIVERSITY OF MIAMI	FL	Private	110	3.9
NORFOLK STATE UNIVERSITY	VA	Public	108	3.8
UNIVERSITY OF MARYLAND BALTIMORE COUNTY	MD	Public	106	3.8
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	105	3.7
UNIVERSITY OF DELAWARE	DE	Public	102	3.6

*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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