



2013 College-Bound Seniors

State Profile Report



DELAWARE

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	9,669	451	118	457	117	443	113	44.5	11.3	6.5	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	4,739	450	121	468	122	435	115	44.0	11.4	6.3	1.9
Female	4,930	451	114	446	110	451	110	45.0	11.2	6.8	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 (2012-2013)	4,384	485	105	490	106	478	103	47.6	10.5	7.1	1.5
Junior (2011-2012)	5,281	422	120	429	118	414	112	42.0	11.3	6.1	1.8
Sophomore (2010-2011)	3										
Freshman (2009-2010)	1										
Total	9,669	451	118	457	117	443	113	44.5	11.3	6.5	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	1,660,047	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	530	530	520	570	600	560
50th	450	450	430	490	510	480
25th	370	380	360	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	130	100	230	194	84	278	97	83	180
600-690	455	439	894	566	389	955	357	459	816
500-590	1,064	1,157	2,221	1,110	1,086	2,196	874	1,107	1,981
400-490	1,559	1,695	3,254	1,509	1,752	3,261	1,540	1,656	3,196
300-390	1,054	1,155	2,209	1,022	1,214	2,236	1,399	1,299	2,698
200-290	477	384	861	338	405	743	472	326	798

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	8,029	84	48	52	432	440	424
Religiously Affiliated	1,161	12	53	47	538	536	533
Independent	356	4	53	47	574	574	569
Other or Unknown	123		62	38	462	441	451

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	732	8	434	119	436	116	424	109
Nonstandard Conditions	529	5	389	134	392	135	384	123

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	47	0	415	109	429	109	408	103
Asian, Asian American, or Pacific Islander	365	4	515	136	572	127	518	132
Black or African American	2,382	25	390	98	395	96	386	89
Mexican or Mexican American	303	3	390	92	404	91	391	82
Puerto Rican	279	3	404	106	394	94	393	91
Other Hispanic, Latino, or Latin American	256	3	406	116	415	117	401	116
White	5,433	56	484	111	489	109	475	109
Other	356	4	433	118	432	114	426	114
No Response	248	3	405	118	398	111	393	101
Total	9,669	100	451	118	457	117	443	113

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	26	0	403	114	424	113	385	103
Asian, Asian American, or Pacific Islander	200	2	516	140	587	130	514	134
Black or African American	1,146	12	387	100	401	99	376	88
Mexican or Mexican American	133	1	388	98	409	100	378	88
Puerto Rican	133	1	398	111	411	96	385	93
Other Hispanic, Latino, or Latin American	121	1	407	123	432	118	400	121
White	2,675	28	484	114	502	114	465	112
Other	160	2	422	119	431	111	411	113
No Response	145	1	404	119	406	117	388	101
Total	4,739	49	450	121	468	122	435	115

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	21	0	431		435		436	
Asian, Asian American, or Pacific Islander	165	2	514	130	553	120	521	128
Black or African American	1,236	13	394	97	390	92	394	89
Mexican or Mexican American	170	2	391	88	400	83	401	75
Puerto Rican	146	2	410	101	379	89	400	89
Other Hispanic, Latino, or Latin American	135	1	404	110	401	115	402	111
White	2,758	29	484	109	476	102	484	105
Other	196	2	442	116	433	116	438	113
No Response	103	1	408	115	387	100	398	102
Total	4,930	51	451	114	446	110	451	110

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	9,669	100	451	118	457	117	443	113
First Language Learned								
English	8,026	86	456	116	460	114	447	111
English and Another	862	9	432	123	447	126	432	115
Another Language	476	5	413	123	443	136	414	120
No Response	305		420	128	421	122	409	119
Citizenship								
U.S. Citizen / U.S. National	8,450	97	459	116	464	115	451	111
U.S. Permanent Resident or Refugee	179	2	408	119	442	137	418	116
Citizen of Another Country	64	1	426	118	491	143	453	117
Other, Unknown, or No Response	976		385	112	392	107	378	101
Plans to Apply for Financial Aid								
Yes	4,751	73	472	111	475	109	465	107
No	387	6	487	122	502	119	488	117
Don't Know	1,407	21	454	123	465	122	448	116
No Response	3,124		411	116	420	115	402	108
Family Income								
\$0 - \$20,000	357	12	387	93	391	95	385	85
\$20,000–\$40,000	429	15	431	103	435	104	420	99
\$40,000–\$60,000	409	14	452	110	460	102	447	100
\$60,000–\$80,000	416	14	474	108	477	106	460	100
\$80,000–\$100,000	316	11	479	105	483	109	472	103
\$100,000–\$120,000	335	11	495	111	514	105	489	111
\$120,000–\$140,000	188	6	504	101	511	106	489	100
\$140,000–\$160,000	128	4	518	113	524	117	507	111
\$160,000–\$200,000	157	5	516	106	520	111	504	100
More than \$200,000	223	8	560	120	569	122	555	123
No Response	6,711		442	118	448	116	435	112
Highest Level of Parental Education								
No High School Diploma	320	4	379	96	395	100	382	84
High School Diploma	3,012	39	421	103	428	102	414	97
Associate Degree	624	8	457	103	466	95	447	94
Bachelor's Degree	2,204	29	494	108	495	110	484	104
Graduate Degree	1,556	20	532	118	537	121	525	117
No Response	1,953		392	100	401	100	386	94
Took the PSAT/NMSQT®								
Yes, As a Junior	2,088	29	449	109	459	109	446	105
Yes, As a Sophomore or Younger	1,498	21	461	111	468	110	452	105
Yes, As a Junior and As a Sophomore or Younger	2,528	36	513	108	514	110	506	105
No	967	14	408	111	418	108	402	100
No Response	2,588		400	111	407	109	391	102

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	843	26	42	58	562	575	555
Second Tenth	771	24	45	55	485	503	479
Second Fifth	662	21	53	47	461	471	454
Final Three Fifths	952	29	54	46	406	413	399
No Response	6,441		49	51	437	441	430

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)	354	4	43	57	568	580	565
A (93–96)	1,462	16	38	62	533	541	528
A- (90–92)	1,470	16	44	56	498	506	489
B (80–89)	4,178	47	51	49	432	437	424
C (70–79)	1,377	15	57	43	367	375	361
D, E, or F (below 70)	71	1	65	35	351	369	355
No Response	757		55	45	408	409	396
Mean Grade Point Average	All Students: 3.21		Male: 3.13		Female: 3.29		

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	1.6	1.9	1.7	3.51	3.73	3.63
English and Language Arts	3.8	3.8	3.8	3.19	3.43	3.32
Foreign and Classical Languages	2.7	2.9	2.8	3.07	3.33	3.21
Mathematics	3.8	3.9	3.8	3.16	3.21	3.19
Natural Sciences	3.5	3.5	3.5	3.18	3.26	3.22
Social Sciences and History	3.6	3.6	3.6	3.30	3.32	3.31
Total for All Subjects	19.0	19.6	19.2			

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	591	10	45	55	493	497	486
4 Years	4,190	70	46	54	489	493	481
3 Years	826	14	48	52	416	426	413
2 Years	153	3	50	50	414	417	409
1 Year	88	1	44	56	393	410	400
1/2 Year or Less	141	2	51	49	382	391	376
No Response	3,680		54	46	413	421	405
AP®/Honors Courses	2,243	37	37	63	533	530	524
Course Work or Experience							
English/Language Arts	5,154	96	45	55	476	481	470
Journalism	407	8	35	65	469	461	471
Creative Writing	1,146	21	39	61	483	481	482
American Literature	3,315	62	46	54	490	492	484
Composition/Writing	2,410	45	43	57	485	487	482
British Literature	2,010	37	47	53	512	510	503
World Literature	2,016	37	48	52	493	495	487
Communications	434	8	42	58	450	457	451
Public Speaking	723	13	41	59	469	474	467
English As Second Language	253	5	45	55	386	413	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	931	16	49	51	506	524	496
4 Years	3,902	65	45	55	484	487	478
3 Years	808	13	46	54	418	423	414
2 Years	140	2	52	48	412	423	411
1 Year	68	1	47	53	378	390	387
1/2 Year or Less	149	2	51	49	372	378	368
No Response	3,671		54	46	414	421	405
AP/Honors Courses	2,021	34	46	54	541	559	533
Highest Level of Mathematics Achieved*							
Calculus	1,742	31	47	53	542	564	535
Pre-calculus	1,679	30	44	56	485	484	476
Geometry	1,626	29	45	55	422	418	417
Algebra II	180	3	49	51	393	394	386
Algebra I	76	1	42	58	377	378	373

*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	711	12	48	52	525	536	516	
4 Years	2,949	50	47	53	497	502	490	
3 Years	1,525	26	44	56	434	437	429	
2 Years	241	4	46	54	424	429	420	
1 Year	139	2	48	52	408	423	414	
1/2 Year or Less	282	5	46	54	397	407	394	
No Response	3,822		53	47	414	422	406	
AP/Honors Courses	1,850	32	45	55	547	557	537	
Course Work or Experience								
Biology	5,152	94	45	55	479	483	472	
Chemistry	4,802	88	45	55	485	490	479	
Physics	3,199	59	48	52	502	509	494	
Geology, Earth, or Space Science	2,760	51	48	52	469	473	461	
Other Sciences	2,364	43	43	57	481	484	475	

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	621	10	50	50	508	507	498	
4 Years	3,126	53	46	54	496	500	488	
3 Years	1,699	29	44	56	441	451	437	
2 Years	219	4	51	49	421	429	419	
1 Year	89	2	48	52	390	402	391	
1/2 Year or Less	176	3	49	51	377	389	375	
No Response	3,739		54	46	414	421	405	
AP/Honors Courses	2,156	36	43	57	540	540	529	
Course Work or Experience								
U.S. History	5,096	94	46	54	477	482	471	
World History or Cultures	4,189	77	47	53	486	491	479	
U.S. Government or Civics	3,729	69	46	54	468	473	462	
Economics	2,957	54	46	54	465	472	459	
Geography	1,201	22	46	54	460	469	457	
Psychology	2,224	41	37	63	496	492	490	
European History	1,132	21	47	53	516	514	509	
Sociology	838	15	36	64	473	473	466	
Ancient History	650	12	52	48	496	501	492	
Other Courses	981	18	48	52	498	507	490	

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		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	336	6	42	58	532	531	529
4 Years	1,567	27	43	57	531	534	524
3 Years	1,881	32	46	54	488	492	479
2 Years	1,288	22	47	53	431	436	423
1 Year	340	6	48	52	393	404	389
1/2 Year or Less	488	8	56	44	375	394	375
No Response	3,769		54	46	413	421	405
AP/Honors Courses	1,023	17	38	62	549	553	545
Course Work or Experience							
Chinese	103	2	51	49	478	507	462
French	741	14	33	67	494	484	486
German	146	3	58	42	503	491	485
Greek	13	0	54	46	385	415	378
Hebrew	14	0	86	14	427	426	411
Italian	156	3	42	58	494	492	486
Japanese	59	1	58	42	457	471	428
Korean	15	0	60	40	388	424	374
Latin	196	4	55	45	548	543	531
Russian	20	0	65	35	436	454	436
Spanish	4,205	77	46	54	476	482	470
Other Languages	94	2	40	60	440	444	433

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	324	6	40	60	508	498	499	
4 Years	902	16	38	62	509	505	504	
3 Years	615	11	39	61	476	474	470	
2 Years	805	14	48	52	480	483	476	
1 Year	731	13	50	50	469	481	463	
1/2 Year or Less	2,192	39	50	50	453	465	446	
No Response	4,100		54	46	419	427	410	
AP/Honors Courses	251	5	33	67	544	542	545	
Course Work or Experience								
Acting or Play Production	795	16	35	65	520	507	514	
Art History or Appreciation	642	13	42	58	489	486	486	
Dance	524	10	12	88	454	451	460	
Drama: Study or Appreciation	634	13	32	68	489	475	484	
Music: Study or Appreciation	618	12	49	51	509	499	500	
Music Performance	1,641	33	41	59	507	505	500	
Photography or Film	920	18	37	63	484	478	480	
Studio Art and Design	951	19	38	62	498	495	496	
None	1,694	34	55	45	448	464	440	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	2,653	53	48	52	497	500	490
Computer Programming	838	17	59	41	491	506	481
Word Processing	2,595	52	46	54	497	498	489
Internet Activity	2,152	43	46	54	491	495	485
Using Computer Graphics	1,498	30	51	49	483	489	476
Creating Spreadsheets/Databases	1,650	33	46	54	500	503	492
None	1,274	26	39	61	444	452	439

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
659	1,638	653	636	650	632

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	68	10
2	315	48
3	194	29
4 or More	82	12

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	264	636	92	264	646	91	633	92	639	85	
History and Social Studies											
U.S. History	189	649	94	185	652	82	639	93	641	84	
World History	23	637		23	682		666		651		
Mathematics											
Mathematics Level 1	265	624	82	264	616	88	635	82	616	88	
Mathematics Level 2	319	685	83	316	653	86	694	69	655	82	
Science											
Biology-E	85	648	84	84	647	75	658	93	638	75	
Biology-M	101	643	92	99	663	78	678	78	652	71	
Chemistry	203	652	95	201	645	85	683	74	646	81	
Physics	75	645	99	75	658	86	699	76	643	90	
Foreign and Classical Languages											
Chinese/Listening	4			4							
French	22	611		22	650		633		648		
French/Listening	4			4							
German	1			1							
German/Listening											
Modern Hebrew											
Italian	1			1							
Japanese/Listening	2			2							
Korean/Listening	3			3							
Latin	17	623		17	698		662		702		
Spanish	48	561	112	48	610	94	616	103	616	97	
Spanish/Listening	12	611		11	649		658		650		

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	23	9	31	16	2	9
700-740	54	20	37	20	3	13
650-690	55	21	35	19	5	22
600-640	48	18	35	19	6	26
550-590	43	16	22	12	5	22
500-540	20	8	16	8	1	4
450-490	15	6	9	5	1	4
400-440	2	1	2	1		
350-390	3	1	2	1		
300-340	1	0				
250-290						
200-240						
Total	264		189		23	
Mean	636		649		637	
SD	92		94			
75th percentile	710		720		670	
50th percentile	640		660		630	
25th percentile	580		580		560	

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	10	4	94	29	10	12	15	15	37	18	15	20
700-740	44	17	49	15	13	15	15	15	36	18	9	12
650-690	62	23	77	24	24	28	24	24	40	20	10	13
600-640	58	22	60	19	18	21	14	14	34	17	14	19
550-590	45	17	22	7	12	14	20	20	28	14	15	20
500-540	29	11	10	3	5	6	5	5	14	7	8	11
450-490	9	3	4	1	1	1	7	7	8	4	2	3
400-440	4	2	3	1	1	1	1	1	6	3	2	3
350-390	4	2			1	1						
300-340												
250-290												
200-240												
Total	265		319		85		101		203		75	
Mean	624		685		648		643		652		645	
SD	82		83		84		92		95		99	
75th percentile	680		750		700		710		720		720	
50th percentile	630		680		650		650		660		640	
25th percentile	570		630		600		570		590		560	

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	2	50	4	18	1	25						
700-740	1	25	1	5			1	100				
650-690			5	23								
600-640			2	9								
550-590			2	9	1	25						
500-540	1	25	2	9	2	50						
450-490			6	27								
400-440												
350-390												
300-340												
250-290												
200-240												
Total	4		22		4		1					
Mean			611									
SD												
75th percentile			670									
50th percentile			630									
25th percentile			480									

Table 25: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800							2	12	2	4	2	17
700-740	1	100					3	18	4	8		
650-690					1	33	1	6	5	10	2	17
600-640					2	67	5	29	10	21	3	25
550-590			1	50			2	12	7	15	1	8
500-540			1	50			4	24	5	10	2	17
450-490									5	10	1	8
400-440									7	15	1	8
350-390									2	4		
300-340									1	2		
250-290												
200-240												
Total	1		2		3		17		48		12	
Mean							623		561		611	
SD									112			
75th percentile									640			
50th percentile									560			
25th percentile									480			

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	186	2	408	420	403
Architecture and Related Services	131	2	428	460	413
Area, Ethnic, Cultural and Gender Studies	11	0	528	495	501
Biological and Biomedical Sciences	378	5	519	527	512
Business Management, Marketing, and Related Support Services	785	10	453	470	451
Communication, Journalism and Related Programs	203	2	504	482	495
Computer and Information Sciences and Support Services	197	2	473	490	452
Construction Trades	34	0	386	430	381
Education	483	6	446	444	445
Engineering	742	9	495	529	479
Engineering Technologies/Technicians	100	1	411	456	401
English Language and Literature/Letters	93	1	551	485	536
Family and Consumer Sciences/Human Sciences	63	1	381	389	385
Foreign Languages, Literatures, and Linguistics	58	1	499	459	485
Health Professions and Related Clinical Services	1,706	21	448	454	447
History	87	1	496	459	465
Legal Professions and Studies	187	2	479	463	459
Liberal Arts and Sciences, General Studies, and Humanities	27	0	533	513	533
Library Science And Administration	1	0			
Mathematics and Statistics	47	1	505	563	497
Mechanic and Repair Technologies/Technician	40	0	362	414	377
Military Technologies And Applied Sciences	112	1	435	438	403
Multi/Interdisciplinary Studies	32	0	562	582	555
Natural Resources and Conservation	42	1	492	492	487
Parks, Recreation, Leisure and Fitness Studies	82	1	404	425	396
Personal and Culinary Services	76	1	403	412	404
Philosophy and Religious Studies	15	0	527	483	483
Physical Sciences	86	1	513	527	500
Precision Production	0	0			
Psychology	376	5	471	454	464
Public Administration and Social Services Professions	30	0	397	397	406
Security and Protective Services	317	4	429	437	427
Social Sciences	107	1	540	528	527
Theology and Religious Vocations	12	0	535	529	512
Transportation and Materials Moving	4	0			
Visual and Performing Arts	599	7	457	447	447
Other	213	3	401	405	393
Undecided	476	6	484	497	470
Degree-Level Goal					
Certificate Program	167	2	383	406	377
Associate Degree	223	3	365	374	360
Bachelor's Degree	2,075	31	456	460	449
Master's Degree	1,985	29	481	486	473
Doctoral or Related Degree	1,258	19	510	514	504
Other	73	1	381	393	387
Undecided	1,000	15	459	465	452

College Plans

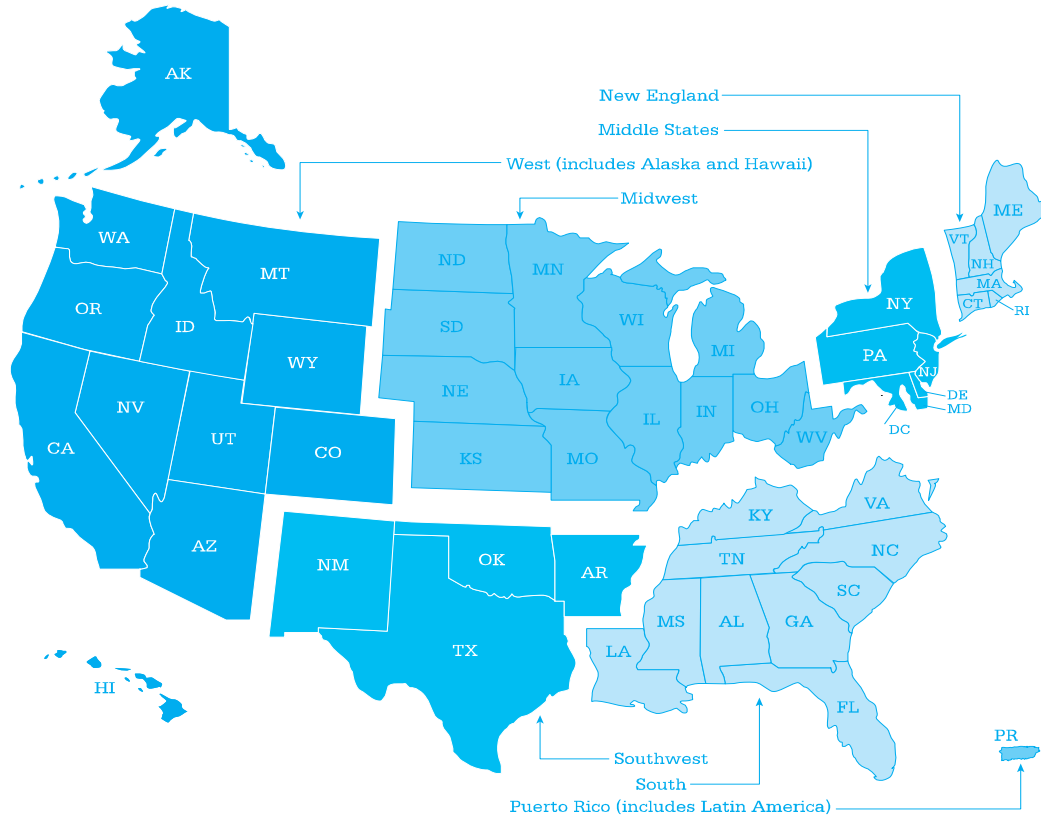
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 9,675 students from your state who took the SAT and/or an SAT Subject Test, 5,176 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 1,164 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF DELAWARE	DE	Public	3,182	61.5
DELAWARE STATE UNIVERSITY	DE	Public	752	14.5
DREXEL UNIVERSITY	PA	Private	578	11.2
WEST CHESTER UNIVERSITY OF PENNSYLVANIA	PA	Public	454	8.8
PENNSYLVANIA STATE UNIVERSITY	PA	Public	420	8.1
UNIVERSITY OF MARYLAND	MD	Public	397	7.7
WESLEY COLLEGE DELAWARE	DE	Private	363	7.0
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	318	6.1
SALISBURY UNIVERSITY	MD	Public	311	6.0
TEMPLE UNIVERSITY	PA	Private	295	5.7
NCAA ELIGIBILITY CENTER	IN	Public	284	5.5
YORK COLLEGE OF PENNSYLVANIA	PA	Private	283	5.5
TOWSON UNIVERSITY	MD	Public	281	5.4
WILMINGTON UNIVERSITY	DE	Private	260	5.0
JAMES MADISON UNIVERSITY	VA	Public	224	4.3
NEUMANN COLLEGE	PA	Private	224	4.3
UNIVERSITY OF PITTSBURGH PITTSBURGH	PA	Private	219	4.2
DELAWARE TECHNICAL COMMUNITY COLLEGE DOV	DE	Public	210	4.1
DELAWARE TECHNICAL COMMUNITY COLLEGE NEW	DE	Public	191	3.7
DELAWARE TECH COMMUNITY COLLEGE OWENS CA	DE	Public	186	3.6
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	186	3.6
JOHNS HOPKINS UNIVERSITY CENTER FOR TALE	MD	Private	184	3.6
BOSTON UNIVERSITY	MA	Private	182	3.5
VILLANOVA UNIVERSITY	PA	Private	181	3.5
DELAWARE TECHNICAL COMMUNITY COLLEGE WIL	DE	Public	166	3.2
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	164	3.2
UNIVERSITY OF VIRGINIA	VA	Public	158	3.1
NEW YORK UNIVERSITY	NY	Private	157	3.0
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	155	3.0
SAINT JOSEPH'S UNIVERSITY	PA	Private	148	2.9
GOLDEY-BEACOM COLLEGE	DE	Private	147	2.8
WIDENER UNIVERSITY	PA	Private	143	2.8
CORNELL UNIVERSITY	NY	Private	142	2.7
IMMACULATA UNIVERSITY	PA	Private	125	2.4
JOHNS HOPKINS UNIVERSITY UNDERGRADUATE A	MD	Private	124	2.4
RUTGERS UNIVERSITY	NJ	Public	123	2.4
NORTHEASTERN UNIVERSITY	MA	Private	122	2.4
ARCADIA UNIVERSITY	PA	Private	117	2.3
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	115	2.2
PRINCETON UNIVERSITY	NJ	Private	115	2.2
EAST CAROLINA UNIVERSITY	NC	Public	110	2.1
DUKE UNIVERSITY	NC	Private	110	2.1
HOFSTRA UNIVERSITY	NY	Private	108	2.1
UNIVERSITY OF MARYLAND BALTIMORE COUNTY	MD	Public	108	2.1
LOYOLA UNIVERSITY MARYLAND	MD	Private	107	2.1

*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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