



2013 College-Bound Seniors

State Profile Report



ALABAMA

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	3,558	544	117	534	121	530	118	54.1	11.9	7.0	1.6

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	1,521	555	120	559	123	530	119	54.5	12.0	6.8	1.7
Female	2,037	535	113	515	116	531	116	53.8	11.9	7.2	1.5

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)	2,062	529	121	519	125	518	122	52.6	12.4	6.9	1.7
Junior (2011-2012)	1,421	564	108	554	111	549	108	56.3	10.9	7.2	1.5
Sophomore (2010-2011)	64	552	102	557	114	531	99	54.7	10.1	6.9	1.6
Freshman (2009-2010)	11	461		505		472		48.5		6.7	
Total	3,558	544	117	534	121	530	118	54.1	11.9	7.0	1.6

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	630	620	610	570	600	560
50th	550	540	530	490	510	480
25th	460	450	450	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	206	162	368	224	130	354	127	173	300
600-690	360	459	819	395	387	782	324	444	768
500-590	470	659	1,129	444	641	1,085	482	607	1,089
400-490	329	526	855	308	545	853	367	555	922
300-390	138	205	343	115	291	406	181	227	408
200-290	18	26	44	35	43	78	40	31	71

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	2,547	76	41	59	537	530	524
Religiously Affiliated	420	12	45	55	562	543	543
Independent	403	12	49	51	573	570	569
Other or Unknown	188		45	55	525	486	500

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	201	6	506	121	491	120	484	119
Nonstandard Conditions	33	1	558	97	563	89	549	109

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	25	1	535	97	521	98	512	97
Asian, Asian American, or Pacific Islander	291	8	575	134	632	115	580	130
Black or African American	794	22	453	104	430	100	439	101
Mexican or Mexican American	30	1	534	103	528	100	519	97
Puerto Rican	21	1	573		534		555	
Other Hispanic, Latino, or Latin American	53	1	560	102	554	103	548	105
White	2,213	62	572	102	559	104	557	104
Other	84	2	552	118	532	117	535	117
No Response	47	1	510	119	481	120	484	110
Total	3,558	100	544	117	534	121	530	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	11	0	547		531		512	
Asian, Asian American, or Pacific Islander	132	4	586	136	657	109	580	138
Black or African American	269	8	454	112	441	107	429	107
Mexican or Mexican American	18	1	562		562		539	
Puerto Rican	6	0	585		592		555	
Other Hispanic, Latino, or Latin American	19	1	561		569		546	
White	1,000	28	579	106	580	107	552	105
Other	39	1	551	119	534	105	514	106
No Response	27	1	521	139	491	132	480	122
Total	1,521	43	555	120	559	123	530	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	14	0	525		514		511	
Asian, Asian American, or Pacific Islander	159	4	566	131	611	116	580	123
Black or African American	525	15	452	99	425	96	444	97
Mexican or Mexican American	12	0	492		478		488	
Puerto Rican	15	0	568		511		555	
Other Hispanic, Latino, or Latin American	34	1	559	106	546	101	549	106
White	1,213	34	566	98	542	99	562	104
Other	45	1	553	118	530	126	554	122
No Response	20	1	496		468		490	
Total	2,037	57	535	113	515	116	531	116

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	3,558	100	544	117	534	121	530	118
First Language Learned								
English	3,079	89	542	115	527	118	528	116
English and Another	236	7	565	118	565	130	556	123
Another Language	159	5	526	140	603	121	525	138
No Response	84		580	115	568	119	560	107
Citizenship								
U.S. Citizen / U.S. National	3,308	96	544	115	530	119	530	117
U.S. Permanent Resident or Refugee	76	2	565	117	619	120	553	117
Citizen of Another Country	54	2	481	153	605	119	508	144
Other, Unknown, or No Response	120		545	136	558	133	534	124
Plans to Apply for Financial Aid								
Yes	2,229	72	534	118	522	122	520	119
No	287	9	563	113	561	116	554	120
Don't Know	598	19	555	115	548	119	543	114
No Response	444		565	109	556	113	551	108
Family Income								
\$0 - \$20,000	205	10	435	100	425	105	429	94
\$20,000–\$40,000	249	13	486	106	475	111	473	104
\$40,000–\$60,000	252	13	510	109	494	113	493	109
\$60,000–\$80,000	268	14	525	105	520	112	515	109
\$80,000–\$100,000	272	14	551	113	536	110	531	116
\$100,000–\$120,000	243	12	557	107	542	106	542	107
\$120,000–\$140,000	123	6	574	111	558	111	562	108
\$140,000–\$160,000	96	5	581	106	561	103	568	107
\$160,000–\$200,000	93	5	568	100	559	108	561	101
More than \$200,000	163	8	616	107	611	103	606	108
No Response	1,594		558	115	551	121	545	116
Highest Level of Parental Education								
No High School Diploma	41	1	474	106	492	128	470	113
High School Diploma	582	17	479	109	470	114	466	110
Associate Degree	257	8	487	99	475	103	474	100
Bachelor's Degree	1,174	35	542	109	531	113	528	108
Graduate Degree	1,321	39	592	110	581	115	579	112
No Response	183		503	105	504	99	491	101
Took the PSAT/NMSQT®								
Yes, As a Junior	770	24	561	111	554	112	549	111
Yes, As a Sophomore or Younger	699	22	533	106	521	107	519	105
Yes, As a Junior and As a Sophomore or Younger	938	29	603	103	595	109	590	106
No	838	26	465	104	451	106	451	102
No Response	313		554	104	555	112	543	106

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	990	51	42	58	596	589	586
Second Tenth	522	27	41	59	522	513	508
Second Fifth	224	12	46	54	504	488	487
Final Three Fifths	200	10	44	56	433	424	420
No Response	1,622		43	57	537	527	523

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)	543	16	40	60	620	614	612
A (93–96)	1,008	30	40	60	579	573	569
A- (90–92)	666	20	42	58	545	539	533
B (80–89)	1,018	30	45	55	484	470	469
C (70–79)	158	5	59	41	422	403	393
D, E, or F (below 70)	3	0	67	33			
No Response	162		46	54	553	539	528
Mean Grade Point Average	All Students: 3.63		Male: 3.58		Female: 3.68		

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	2.4	2.3	3.84	3.92	3.89
English and Language Arts	3.9	3.9	3.9	3.54	3.67	3.61
Foreign and Classical Languages	2.5	2.6	2.5	3.48	3.65	3.58
Mathematics	4.0	4.0	4.0	3.43	3.42	3.42
Natural Sciences	3.8	3.8	3.8	3.51	3.53	3.52
Social Sciences and History	3.9	3.8	3.9	3.59	3.63	3.61
Total for All Subjects	20.3	20.5	20.4			

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	411	14	45	55	557	553	550
4 Years	2,140	71	42	58	550	538	535
3 Years	349	12	38	62	490	472	476
2 Years	77	3	42	58	513	495	489
1 Year	33	1	39	61	506	518	495
1/2 Year or Less	23	1	39	61	434	465	435
No Response	525		48	52	555	552	543
AP®/Honors Courses	1,814	60	38	62	578	565	567
Course Work or Experience							
English/Language Arts	2,752	97	41	59	543	531	529
Journalism	294	10	30	70	535	503	528
Creative Writing	677	24	36	64	536	512	525
American Literature	1,858	65	41	59	552	538	539
Composition/Writing	1,507	53	40	60	547	532	534
British Literature	940	33	39	61	574	556	561
World Literature	951	33	42	58	559	542	545
Communications	183	6	47	53	528	500	511
Public Speaking	577	20	45	55	567	547	555
English As Second Language	111	4	35	65	453	504	456

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	697	23	46	54	571	580	565
4 Years	1,850	61	41	59	544	528	528
3 Years	361	12	37	63	490	467	473
2 Years	62	2	39	61	508	488	487
1 Year	28	1	57	43	538	534	510
1/2 Year or Less	29	1	31	69	411	430	429
No Response	531		47	53	556	552	544
AP/Honors Courses	1,538	51	43	57	579	585	570
Highest Level of Mathematics Achieved*							
Calculus	1,347	46	47	53	593	601	583
Pre-calculus	978	33	34	66	519	496	505
Geometry	591	20	41	59	468	436	448
Algebra II	17	1	59	41	494	442	455
Algebra I	7	0	29	71	437	347	401

*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	463	15	46	54	574	573	562	
4 Years	1,899	63	41	59	550	537	535	
3 Years	405	14	41	59	495	478	482	
2 Years	116	4	47	53	529	514	514	
1 Year	47	2	47	53	515	518	504	
1/2 Year or Less	64	2	34	66	446	437	438	
No Response	564		47	53	550	548	539	
AP/Honors Courses	1,502	50	42	58	584	580	574	
Course Work or Experience								
Biology	2,793	97	41	59	543	532	530	
Chemistry	2,630	92	41	59	551	542	538	
Physics	1,550	54	49	51	562	561	548	
Geology, Earth, or Space Science	949	33	42	58	518	498	502	
Other Sciences	1,561	54	34	66	529	512	516	

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	430	14	47	53	571	567	557	
4 Years	1,985	66	42	58	549	537	535	
3 Years	434	14	39	61	499	485	487	
2 Years	93	3	39	61	510	500	492	
1 Year	35	1	43	57	520	514	506	
1/2 Year or Less	31	1	42	58	428	428	422	
No Response	550		47	53	551	547	539	
AP/Honors Courses	1,617	54	41	59	584	572	574	
Course Work or Experience								
U.S. History	2,715	95	41	59	545	533	531	
World History or Cultures	2,291	80	41	59	547	535	533	
U.S. Government or Civics	2,236	78	40	60	541	529	528	
Economics	2,001	70	40	60	542	531	528	
Geography	536	19	42	58	531	516	517	
Psychology	794	28	33	67	557	536	544	
European History	826	29	41	59	587	573	574	
Sociology	252	9	36	64	516	489	503	
Ancient History	288	10	47	53	560	540	537	
Other Courses	346	12	39	61	550	531	535	

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	223	7	38	62	604	604	601
4 Years	504	17	41	59	605	598	594
3 Years	452	15	42	58	578	568	572
2 Years	1,415	47	42	58	518	506	502
1 Year	265	9	40	60	486	466	465
1/2 Year or Less	151	5	50	50	453	440	431
No Response	548		48	52	554	550	541
AP/Honors Courses	678	23	37	63	609	604	603
Course Work or Experience							
Chinese	59	2	34	66	583	606	566
French	556	19	34	66	558	539	547
German	143	5	48	52	581	563	561
Greek	16	1	31	69	612	590	605
Hebrew	6	0	33	67	547	550	538
Italian	6	0	33	67	452	473	438
Japanese	18	1	44	56	528	539	513
Korean	5	0	20	80	506	658	566
Latin	308	11	49	51	606	590	584
Russian	5	0	40	60	428	496	452
Spanish	1,964	68	40	60	532	523	520
Other Languages	36	1	42	58	513	525	489

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	273	9	42	58	567	549	553	
4 Years	566	19	37	63	558	538	544	
3 Years	364	12	34	66	533	517	519	
2 Years	582	20	39	61	535	523	523	
1 Year	710	24	48	52	536	534	524	
1/2 Year or Less	466	16	45	55	528	525	513	
No Response	597		49	51	556	551	542	
AP/Honors Courses	260	9	33	67	575	557	561	
Course Work or Experience								
Acting or Play Production	588	21	32	68	572	541	559	
Art History or Appreciation	703	25	39	61	537	523	525	
Dance	360	13	12	88	518	497	514	
Drama: Study or Appreciation	591	21	30	70	537	518	527	
Music: Study or Appreciation	552	20	43	57	552	534	533	
Music Performance	1,268	45	40	60	558	543	543	
Photography or Film	459	16	27	73	543	524	537	
Studio Art and Design	587	21	31	69	556	545	551	
None	300	11	53	47	506	507	488	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
	Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics
Computer Literacy	2,200	78	41	59	547	534	534
Computer Programming	511	18	47	53	530	529	516
Word Processing	1,977	70	40	60	548	535	535
Internet Activity	1,487	53	40	60	548	533	534
Using Computer Graphics	949	34	41	59	541	526	527
Creating Spreadsheets/Databases	1,356	48	38	62	548	537	537
None	194	7	42	58	525	519	507

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
551	1,392	418	662	677	659

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	42	8
2	234	42
3	232	42
4 or More	43	8

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	163	654	94	118	681	90	650	80	665	86	
History and Social Studies											
U.S. History	258	682	85	194	664	83	674	79	658	83	
World History	19	635		15	683		652		661		
Mathematics											
Mathematics Level 1	168	651	92	116	639	90	654	87	643	100	
Mathematics Level 2	279	721	86	226	682	88	714	65	681	78	
Science											
Biology-E	79	665	86	58	655	80	666	82	660	75	
Biology-M	70	681	90	57	662	84	689	77	661	92	
Chemistry	200	690	93	164	677	85	703	74	675	82	
Physics	68	683	92	52	680	88	714	84	663	88	
Foreign and Classical Languages											
Chinese/Listening	7	777		7	577		701		593		
French	17	561		16	661		681		677		
French/Listening	4			4							
German	2			2							
German/Listening											
Modern Hebrew											
Italian											
Japanese/Listening	2										
Korean/Listening	10	763		9	590		691		631		
Latin	16	624		11	684		655		694		
Spanish	25	568	122	20	632		661		638		
Spanish/Listening	5	706		4							

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	22	13	63	24	3	16
700-740	43	26	70	27	3	16
650-690	39	24	57	22	5	26
600-640	27	17	33	13	1	5
550-590	10	6	15	6	2	11
500-540	9	6	10	4	3	16
450-490	5	3	6	2	1	5
400-440	6	4	3	1	1	5
350-390	2	1	1	0		
300-340						
250-290						
200-240						
Total	163		258		19	
Mean	654		682		635	
SD	94		85			
75th percentile	720		740			
50th percentile	670		700			
25th percentile	600		630			

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	23	14	152	54	18	23	19	27	69	35	22	32
700-740	43	26	31	11	16	20	13	19	47	24	11	16
650-690	34	20	39	14	17	22	15	21	27	14	13	19
600-640	26	15	31	11	9	11	9	13	24	12	7	10
550-590	20	12	16	6	14	18	7	10	16	8	8	12
500-540	11	7	5	2	1	1	3	4	6	3	6	9
450-490	6	4	2	1	3	4	4	6	8	4	1	1
400-440	2	1	3	1					3	2		
350-390	3	2			1	1						
300-340												
250-290												
200-240												
Total	168		279		79		70		200		68	
Mean	651		721		665		681		690		683	
SD	92		86		86		90		93		92	
75th percentile	720		800		730		750		760		770	
50th percentile	670		750		670		690		710		690	
25th percentile	590		660		590		620		630		600	

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	6	86	1	6	2	50						
700-740	1	14	1	6								
650-690			2	12			1	50				
600-640			1	6								
550-590			3	18	1	25						
500-540			4	24								
450-490			2	12								
400-440			3	18	1	25						
350-390												
300-340							1	50				
250-290												
200-240												
Total	7		17		4		2					
Mean	777		561									
SD												
75th percentile												
50th percentile												
25th percentile												

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					8	80	2	13	4	16	3	60
700-740							2	13	1	4		
650-690					1	10	1	6	1	4	1	20
600-640			2	100			6	38	4	16		
550-590					1	10	1	6	3	12		
500-540							3	19	2	8	1	20
450-490							1	6	5	20		
400-440									4	16		
350-390									1	4		
300-340												
250-290												
200-240												
Total			2		10		16		25		5	
Mean					763		624		568		706	
SD									122			
75th percentile									620			
50th percentile									540			
25th percentile									470			

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	22	1	486	468	481
Architecture and Related Services	38	1	534	532	522
Area, Ethnic, Cultural and Gender Studies	3	0			
Biological and Biomedical Sciences	251	8	565	560	563
Business Management, Marketing, and Related Support Services	255	8	529	535	518
Communication, Journalism and Related Programs	79	3	554	507	543
Computer and Information Sciences and Support Services	84	3	567	556	532
Construction Trades	2	0			
Education	146	5	519	501	522
Engineering	434	14	564	589	547
Engineering Technologies/Technicians	37	1	525	532	511
English Language and Literature/Letters	58	2	608	541	590
Family and Consumer Sciences/Human Sciences	11	0	544	549	544
Foreign Languages, Literatures, and Linguistics	32	1	608	574	590
Health Professions and Related Clinical Services	695	22	527	520	515
History	36	1	576	519	533
Legal Professions and Studies	102	3	552	528	536
Liberal Arts and Sciences, General Studies, and Humanities	27	1	598	520	579
Library Science And Administration	1	0			
Mathematics and Statistics	17	1	538	575	520
Mechanic and Repair Technologies/Technician	4	0			
Military Technologies And Applied Sciences	19	1	531	483	493
Multi/Interdisciplinary Studies	23	1	632	608	629
Natural Resources and Conservation	10	0	566	562	556
Parks, Recreation, Leisure and Fitness Studies	10	0	443	428	426
Personal and Culinary Services	7	0	423	376	390
Philosophy and Religious Studies	12	0	558	518	568
Physical Sciences	64	2	588	588	563
Precision Production	0	0			
Psychology	107	3	534	506	521
Public Administration and Social Services Professions	17	1	482	425	445
Security and Protective Services	43	1	518	479	506
Social Sciences	57	2	594	559	582
Theology and Religious Vocations	10	0	566	521	534
Transportation and Materials Moving	0	0			
Visual and Performing Arts	207	7	547	519	532
Other	40	1	479	467	481
Undecided	173	6	590	570	576
Degree-Level Goal					
Certificate Program	8	0	425	418	420
Associate Degree	25	1	448	427	438
Bachelor's Degree	780	25	505	494	490
Master's Degree	935	30	536	531	525
Doctoral or Related Degree	1,091	34	567	553	553
Other	7	0	520	521	526
Undecided	321	10	561	551	546

College Plans

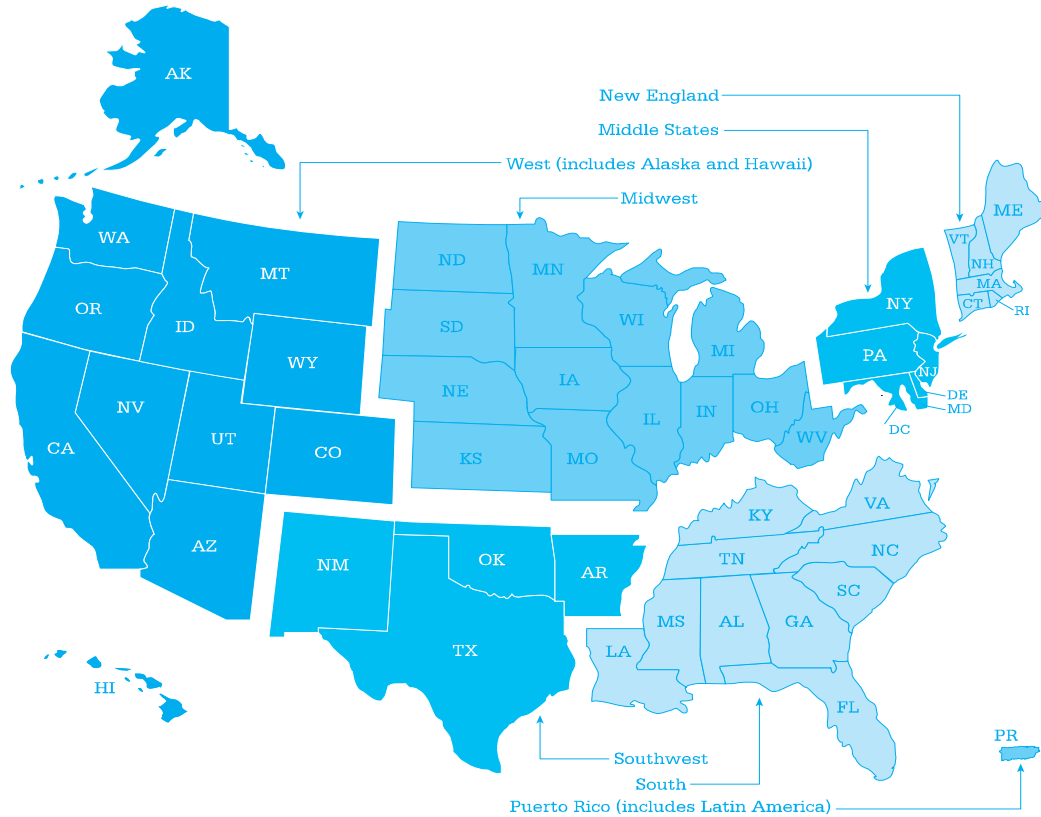
Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 3,691 students from your state who took the SAT and/or an SAT Subject Test, 2,468 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 762 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
AUBURN UNIVERSITY	AL	Public	926	37.5
UNIVERSITY OF ALABAMA TUSCALOOSA	AL	Public	867	35.1
UNIVERSITY OF ALABAMA BIRMINGHAM	AL	Public	543	22.0
VANDERBILT UNIVERSITY	TN	Private	325	13.2
UNIVERSITY OF SOUTH ALABAMA	AL	Public	281	11.4
NATIONAL MERIT SCHOLARSHIP CORPORATION	IL	Scholarship	273	11.1
UNIVERSITY OF ALABAMA HUNTSVILLE	AL	Public	215	8.7
DUKE UNIVERSITY TIP	NC	Scholarship	195	7.9
TROY STATE UNIVERSITY TROY	AL	Public	195	7.9
SAMFORD UNIVERSITY	AL	Private	185	7.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	176	7.1
GEORGIA INSTITUTE OF TECHNOLOGY	GA	Public	162	6.6
DUKE UNIVERSITY	NC	Private	154	6.2
MISSISSIPPI STATE UNIVERSITY	MS	Public	133	5.4
EMORY UNIVERSITY	GA	Private	128	5.2
JACKSONVILLE STATE UNIVERSITY	AL	Public	120	4.9
UNIVERSITY NORTH ALABAMA	AL	Public	119	4.8
PRINCETON UNIVERSITY	NJ	Private	119	4.8
YALE UNIVERSITY	CT	Private	116	4.7
BIRMINGHAM SOUTHERN COLLEGE	AL	Private	114	4.6
UNIVERSITY OF MONTEVALLO	AL	Public	107	4.3
STANFORD UNIVERSITY	CA	Private	107	4.3
ALABAMA STATE UNIVERSITY	AL	Public	102	4.1
AUBURN UNIVERSITY MONTGOMERY	AL	Public	100	4.1
WASHINGTON UNIVERSITY	MO	Private	100	4.1
UNIVERSITY OF CHICAGO	IL	Private	96	3.9
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	94	3.8
UNIVERSITY OF GEORGIA	GA	Public	93	3.8
COLUMBIA UNIVERSITY UNDERGRADUATE ADMISSIONS	NY	Private	92	3.7
TUSKEGEE UNIVERSITY	AL	Private	87	3.5
BROWN UNIVERSITY	RI	Private	80	3.2
UNIVERSITY OF MISSISSIPPI	MS	Public	79	3.2
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	Private	77	3.1
CORNELL UNIVERSITY	NY	Private	76	3.1
UNIVERSITY OF PENNSYLVANIA UNDERGRADUATE	PA	Private	75	3.0
NORTHWESTERN UNIVERSITY	IL	Private	71	2.9
NCAA ELIGIBILITY CENTER	IN	Public	69	2.8
ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY	AL	Public	68	2.8
TULANE UNIVERSITY	LA	Private	68	2.8
DARTMOUTH COLLEGE	NH	Private	65	2.6
FLORIDA STATE UNIVERSITY	FL	Public	62	2.5
NEW YORK UNIVERSITY	NY	Private	55	2.2
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	Private	55	2.2
UNIVERSITY OF FLORIDA	FL	Public	53	2.1
UNIVERSITY OF WEST ALABAMA	AL	Public	52	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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