

SAT[®]

2016 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 2016 who took the pre-March 2016 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 after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2016.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions, please contact the College Board communications department at communications@collegeboard.org.

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The SAT® Program

The SAT® 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 2016* includes students who tested through January 2016. The College Board administered the first redesigned SAT in March 2016. While a majority of the Class of 2016 took only the pre-March 2016 SAT, a small percentage took the new SAT. The report includes senior test-takers in this class who took the SAT prior to March 2016. To help schools with the transition to the new SAT, we have included an addendum on results from the March - June 2016 administrations.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2016 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 a 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, 1972–2016

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
2014	499	495	497	530	499	513	481	492	487
2015	497	493	495	527	496	511	478	490	484
2016	495	493	494	524	494	508	475	487	482

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 2000–2016, 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 2015 include students testing through June. Cohort data presented for 2016 includes test-takers through January 2016. 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 2016. Information is summarized for seniors who took the SAT at any time during their high school years through January 2016. If a student took the pre-March 2016 SAT more than once, the most recent score is used. A small percentage of seniors take their first SAT between March and June of their senior years.

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	4,790	433	154	433	148	419	153	42.5	15.1	6.0	2.2

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	2,380	440	159	447	157	419	159	42.8	15.6	5.8	2.3
Female	2,410	426	148	420	136	420	146	42.2	14.5	6.2	2.1

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the pre-March 2016 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 (2015-2016)	3,650	419	137	418	132	404	135	41.0	13.4	5.9	2.1
Junior (2014-2015)	1,125	476	191	480	181	468	190	47.4	18.7	6.3	2.5
Sophomore (2013-2014)	12	593		617		583		57.8		8.0	
Freshman (2012-2013)	3										
Total	4,790	433	154	433	148	419	153	42.5	15.1	6.0	2.2

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	1,637,589	494	117	508	121	482	115	48.4	11.7	6.9	1.7

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	550	530	530	570	590	560
50th	400	400	390	490	500	480
25th	320	320	310	410	420	400

Table 6: Score Distributions

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	194	155	349	206	107	313	161	144	305
600-690	314	213	527	287	197	484	263	213	476
500-590	297	324	621	332	347	679	304	291	595
400-490	433	485	918	532	595	1,127	376	508	884
300-390	665	791	1,456	550	683	1,233	691	798	1,489
200-290	477	442	919	473	481	954	585	456	1,041

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	3,528	75	47	53	375	378	361
Religiously Affiliated	820	17	62	38	606	598	594
Independent	338	7	49	51	629	612	622
Other or Unknown	104		58	42	394	443	380

Note: Percentiles are reported when there are 20 or more test-takers.
The College Board is no longer collecting data regarding Disabling Conditions.

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 8: 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	26	1	385	152	379	157	367	151
Asian or Asian American	113	2	531	142	574	142	528	141
Black or African American	2,735	57	376	112	379	107	362	110
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	578	12	420	138	417	135	409	139
White	801	17	631	107	617	106	617	107
Two or More Races, non-Hispanic	93	2	515	150	493	142	491	144
Other	51	1	533	171	539	161	528	175
No Response	392	8	387	147	397	146	375	147
Total	4,790	100	433	154	433	148	419	153

Table 9: 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	15	0	362		371		336	
Asian or Asian American	50	1	547	131	613	139	545	136
Black or African American	1,272	27	375	117	382	114	352	113
Native Hawaiian or Pacific Islander	0	0						
Hispanic, Latino, or Latin American	282	6	419	142	422	144	400	144
White	486	10	629	105	625	105	607	109
Two or More Races, non-Hispanic	43	1	510	151	505	139	480	141
Other	25	1	531	183	563	173	528	176
No Response	207	4	380	141	394	149	362	142
Total	2,380	50	440	159	447	157	419	159

Table 10: 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	11	0	416		390		410	
Asian or Asian American	63	1	519	149	542	137	515	144
Black or African American	1,463	31	378	108	376	102	370	105
Native Hawaiian or Pacific Islander	1	0						
Hispanic, Latino, or Latin American	296	6	420	134	412	126	417	132
White	315	7	633	111	603	105	632	103
Two or More Races, non-Hispanic	50	1	519	149	482	143	501	145
Other	26	1	535	158	516	145	527	174
No Response	185	4	394	154	401	141	389	151
Total	2,410	50	426	148	420	136	420	146

Demographic Information

SAT: Student Background Information and Characteristics

Table 11: 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	4,790	100	433	154	433	148	419	153
First Language Learned								
English	3,622	80	440	155	436	148	424	154
English and Another	553	12	443	152	445	148	435	150
Another Language	347	8	420	143	435	147	414	144
No Response	268		342	116	365	122	331	112
Citizenship								
U.S. Citizen / U.S. National	3,986	95	449	154	447	147	435	153
U.S. Permanent Resident or Refugee	138	3	422	139	431	142	414	148
Citizen of Another Country	84	2	473	152	497	166	477	144
Other, Unknown, or No Response	582		317	92	333	102	307	90
Plans to Apply for Financial Aid								
Yes	1,558	69	471	137	461	131	452	135
No	255	11	631	127	624	127	622	132
Don't Know	454	20	539	159	533	158	526	160
No Response	2,523		370	127	379	126	360	127
Family Income								
Less than \$20,000	318	19	368	96	374	97	356	95
About \$20,000 to \$40,000	290	17	386	108	391	102	372	111
About \$40,001 to \$60,000	189	11	424	117	409	110	396	113
About \$60,001 to \$80,000	117	7	461	123	445	116	435	131
About \$80,001 to \$100,000	113	7	496	130	486	120	481	127
About \$100,001 to \$140,000	140	8	551	125	536	112	523	125
About \$140,001 to \$200,000	143	8	577	133	558	127	558	135
More than \$200,000	381	23	629	106	621	111	622	115
No Response	3,099		405	147	409	143	393	144
Highest Level of Parental Education								
No High School Diploma	364	10	352	99	355	100	339	94
High School Diploma	1,518	40	370	97	375	96	357	96
Associate Degree	144	4	403	91	398	91	381	92
Bachelor's Degree	697	18	491	133	484	129	476	133
Graduate Degree	1,074	28	595	132	581	134	581	135
No Response	993		349	129	359	129	336	125
Took the PSAT/NMSQT®								
Yes, As a Junior	829	29	462	156	460	151	452	157
Yes, As a Sophomore or Younger	501	18	453	143	448	134	436	143
Yes, As a Junior and As a Sophomore or Younger	1,325	46	534	149	528	140	521	148
No	197	7	397	138	399	151	380	144
No Response	1,938		350	105	357	106	336	100

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 12: High School Rank

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Highest Tenth	361	36	44	56	534	536	527
Second Tenth	248	25	48	52	455	451	450
Second Fifth	160	16	61	39	456	447	437
Final Three Fifths	222	22	52	48	401	397	378
No Response	3,799		50	50	423	424	409

Table 13: High School Grade Point Average

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	142	4	41	59	558	556	551
A (93–96)	508	13	44	56	556	553	552
A- (90–92)	532	13	45	55	532	530	522
B (80–89)	1,864	47	49	51	428	427	413
C (70–79)	885	22	56	44	352	352	333
D, E, or F (below 70)	50	1	64	36	311	312	286
No Response	809		52	48	377	384	363
Mean Grade Point Average	All Students: 3.06		Male: 2.99		Female: 3.13		

Table 14: 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	2.0	2.2	2.1	3.64	3.76	3.70
English and Language Arts	3.7	3.6	3.6	3.20	3.30	3.25
Foreign and Classical Languages	3.2	3.1	3.1	3.28	3.41	3.35
Mathematics	3.6	3.5	3.6	3.10	3.08	3.09
Natural Sciences	3.5	3.4	3.5	3.25	3.17	3.21
Social Sciences and History	3.5	3.4	3.5	3.32	3.29	3.30
Total for All Subjects	19.5	19.2	19.4			

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 15: 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	293	14	44	56	532	522	520
4 Years	1,253	61	53	47	550	538	534
3 Years	229	11	43	57	419	415	405
2 Years	81	4	41	59	400	415	401
1 Year	71	3	42	58	406	405	388
1/2 Year or Less	127	6	44	56	367	361	353
No Response	2,736		50	50	375	382	362
AP®/Honors Courses	819	40	46	54	560	544	545
Course Work or Experience							
English/Language Arts	1,996	94	49	51	499	488	482
Journalism	251	12	41	59	428	413	413
Creative Writing	509	24	48	52	507	492	492
American Literature	1,126	53	52	48	536	524	518
Composition/Writing	987	47	49	51	518	506	503
British Literature	488	23	49	51	549	529	531
World Literature	590	28	52	48	511	501	495
Communications	107	5	40	60	435	425	425
Public Speaking	338	16	45	55	487	475	473
English As Second Language	141	7	40	60	395	402	380

Mathematics Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	410	18	46	54	549	549	536
4 Years	1,283	56	54	46	538	526	523
3 Years	261	11	41	59	425	417	413
2 Years	65	3	49	51	394	402	391
1 Year	84	4	43	57	383	391	373
1/2 Year or Less	202	9	44	56	364	362	345
No Response	2,485		50	50	369	376	356
AP/Honors Courses	908	39	54	46	569	570	554
Highest Level of Mathematics Achieved*							
Calculus	866	37	51	49	577	581	565
Pre-calculus	852	36	46	54	474	461	459
Geometry	561	24	49	51	414	396	393
Algebra II	27	1	59	41	385	394	383
Algebra I	16	1	75	25	367	407	338

*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 16: 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	254	13	46	54	560	553	545
4 Years	1,039	53	50	50	554	543	539
3 Years	351	18	54	46	481	470	469
2 Years	91	5	45	55	411	417	401
1 Year	66	3	48	52	415	413	398
1/2 Year or Less	146	7	43	57	372	368	354
No Response	2,843		50	50	376	382	363
AP/Honors Courses	689	35	52	48	603	595	586
Course Work or Experience							
Biology	2,073	96	48	52	503	494	487
Chemistry	2,027	94	49	51	507	498	491
Physics	1,622	75	51	49	526	517	510
Geology, Earth, or Space Science	948	44	48	52	460	447	444
Other Sciences	557	26	41	59	497	488	480

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	220	11	47	53	564	552	549
4 Years	1,088	57	52	48	553	539	539
3 Years	313	16	44	56	477	475	460
2 Years	106	6	48	52	443	439	434
1 Year	75	4	45	55	403	411	397
1/2 Year or Less	113	6	42	58	358	363	343
No Response	2,875		50	50	376	383	363
AP/Honors Courses	792	41	52	48	585	569	570
Course Work or Experience							
U.S. History	1,919	92	48	52	507	498	491
World History or Cultures	1,777	85	48	52	511	501	494
U.S. Government or Civics	1,167	56	48	52	485	473	465
Economics	300	14	65	35	581	586	573
Geography	381	18	42	58	482	474	468
Psychology	394	19	41	59	535	516	518
European History	525	25	64	36	600	588	585
Sociology	96	5	39	61	450	428	427
Ancient History	312	15	54	46	550	531	534
Other Courses	486	23	46	54	543	526	525

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: 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	282	15	46	54	594	578	581
4 Years	569	30	52	48	597	584	585
3 Years	467	25	51	49	527	518	510
2 Years	339	18	46	54	420	412	404
1 Year	84	4	52	48	390	394	378
1/2 Year or Less	135	7	44	56	360	367	350
No Response	2,914		50	50	376	383	363
AP/Honors Courses	421	22	53	47	632	617	621
Course Work or Experience							
Chinese	167	8	50	50	546	541	527
French	455	22	43	57	528	512	510
German	16	1	50	50	490	489	463
Greek	12	1	67	33	488	455	474
Hebrew	7	0	43	57	447	436	434
Italian	66	3	38	62	449	424	424
Japanese	19	1	53	47	501	475	462
Korean	9	0	44	56	467	401	438
Latin	288	14	55	45	573	557	553
Russian	11	1	55	45	495	465	470
Spanish	1,369	65	50	50	489	482	475
Other Languages	83	4	40	60	467	465	450

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: Arts and Music

Arts and Music Years of Study	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	100	8	36	64	534	514	517
4 Years	165	14	51	49	545	528	534
3 Years	151	13	40	60	517	498	504
2 Years	267	23	45	55	491	480	475
1 Year	318	27	50	50	481	478	465
1/2 Year or Less	185	16	51	49	409	403	390
No Response	3,604		51	49	414	418	401
AP/Honors Courses	132	11	49	51	561	528	534
Course Work or Experience							
Acting or Play Production	455	24	42	58	572	550	555
Art History or Appreciation	488	26	44	56	522	503	507
Dance	344	18	18	82	472	465	466
Drama: Study or Appreciation	314	17	37	63	522	500	508
Music: Study or Appreciation	485	26	44	56	514	503	501
Music Performance	911	49	47	53	534	522	521
Photography or Film	488	26	43	57	536	515	520
Studio Art and Design	662	35	44	56	551	537	535
None	162	9	57	43	440	445	423

SAT Subject Tests™ Data

Table 19: 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
1,011	2,676	808	658	649	650

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	85	8
2	386	38
3	389	38
4 or More	151	15

Table 20: 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 pre-March 2016 SAT.

	SAT Subject Test			N	SAT						
	N	Mean	SD		Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD	
English											
Literature	414	656	89	332	669	93	634	93	655	88	
History and Social Studies											
U.S. History	470	658	100	378	662	100	640	93	657	92	
World History	64	643	92	60	675	85	638	86	646	84	
Mathematics											
Mathematics Level 1	289	620	87	228	626	94	627	83	625	97	
Mathematics Level 2	478	698	88	380	687	85	698	77	679	85	
Science											
Biology-E	154	648	97	128	651	105	648	100	644	109	
Biology-M	176	679	81	121	698	92	689	83	690	95	
Chemistry	220	667	103	166	673	108	688	95	664	108	
Physics	116	663	113	99	655	114	689	104	657	104	
Foreign and Classical Languages											
Chinese/Listening	2			2							
French	76	672	101	64	672	70	665	76	684	64	
French/Listening	10	684		10	696		709		707		
German	2			2							
German/Listening	1										
Modern Hebrew											
Italian	9	759		6	635		595		685		
Japanese/Listening	4			2							
Korean/Listening	1			1							
Latin	36	634	92	30	723	74	697	71	729	62	
Spanish	139	680	97	108	654	88	645	98	650	99	
Spanish/Listening	15	651		15	621		625		639		

SAT Subject Tests Score Distributions

Table 21: 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	62	15	91	19	8	13
700-740	91	22	122	26	10	16
650-690	98	24	75	16	15	23
600-640	67	16	73	16	13	20
550-590	45	11	40	9	6	9
500-540	28	7	32	7	5	8
450-490	12	3	17	4	6	9
400-440	7	2	12	3	1	2
350-390	4	1	8	2		
300-340						
250-290						
200-240						
Total	414		470		64	
Mean	656		658		643	
SD	89		100		92	
75th percentile	720		730		700	
50th percentile	660		680		650	
25th percentile	610		600		570	

Table 22: 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	15	5	182	38	21	14	42	24	55	25	37	32
700-740	52	18	87	18	36	23	45	26	49	22	17	15
650-690	59	20	77	16	31	20	35	20	41	19	14	12
600-640	56	19	62	13	27	18	26	15	33	15	17	15
550-590	41	14	42	9	23	15	16	9	11	5	12	10
500-540	42	15	16	3	5	3	6	3	11	5	8	7
450-490	16	6	10	2	4	3	5	3	9	4	4	3
400-440	7	2	1	0	3	2	1	1	6	3	6	5
350-390			1	0	1	1			5	2	1	1
300-340	1	0			3	2						
250-290												
200-240												
Total	289		478		154		176		220		116	
Mean	620		698		648		679		667		663	
SD	87		88		97		81		103		113	
75th percentile	690		780		720		740		740		760	
50th percentile	630		720		670		690		690		670	
25th percentile	560		640		590		620		610		590	

SAT Subject Tests Score Distributions

Table 23: 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	1	50	24	32	4	40	1	50	1	100		
700-740			9	12	3	30	1	50				
650-690	1	50	12	16								
600-640			13	17	1	10						
550-590			9	12								
500-540			4	5	1	10						
450-490			5	7								
400-440												
350-390					1	10						
300-340												
250-290												
200-240												
Total	2		76		10		2		1			
Mean			672		684							
SD			101									
75th percentile			770									
50th percentile			670									
25th percentile			600									

Table 24: Foreign and Classical Languages (continued)

SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	6	67	2	50	1	100	6	17	43	31	3	20
700-740	3	33	1	25			4	11	28	20	2	13
650-690			1	25			6	17	25	18	5	33
600-640							7	19	22	16		
550-590							6	17	9	6	2	13
500-540							5	14	5	4	2	13
450-490							2	6	3	2	1	7
400-440									1	1		
350-390									2	1		
300-340									1	1		
250-290												
200-240												
Total	9		4		1		36		139		15	
Mean	759						634		680		651	
SD							92		97			
75th percentile							700		750			
50th percentile							640		700			
25th percentile							560		620			

College Plans

Table 25: 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	27	1	375	370	362
Architecture and Related Services	66	2	465	491	454
Area, Ethnic, Cultural and Gender Studies	13	0	591	553	547
Biological and Biomedical Sciences	204	7	509	505	498
Business Management, Marketing, and Related Support Services	390	13	446	453	438
Communication, Journalism and Related Programs	91	3	446	430	435
Computer and Information Sciences and Support Services	114	4	458	476	439
Construction Trades	0	0			
Education	55	2	433	437	410
Engineering	278	9	494	522	476
Engineering Technologies/Technicians	48	2	420	414	395
English Language and Literature/Letters	46	2	584	546	562
Family and Consumer Sciences/Human Sciences	7	0	343	359	357
Foreign Languages, Literatures, and Linguistics	19	1	539	544	561
Health Professions and Related Clinical Services	295	10	417	416	413
History	27	1	609	568	584
Legal Professions and Studies	88	3	486	484	478
Liberal Arts and Sciences, General Studies, and Humanities	38	1	636	594	627
Library Science And Administration	0	0			
Mathematics and Statistics	30	1	516	557	509
Mechanic and Repair Technologies/Technician	2	0			
Military Technologies And Applied Sciences	17	1	464	461	452
Multi/Interdisciplinary Studies	29	1	579	541	571
Natural Resources and Conservation	11	0	544	537	534
Parks, Recreation, Leisure and Fitness Studies	44	1	360	371	346
Personal and Culinary Services	5	0	360	344	334
Philosophy and Religious Studies	14	0	497	476	471
Physical Sciences	50	2	558	572	539
Precision Production	0	0			
Psychology	124	4	492	452	463
Public Administration and Social Services Professions	15	1	401	399	407
Security and Protective Services	123	4	400	395	386
Social Sciences	89	3	601	566	574
Theology and Religious Vocations	2	0			
Transportation and Materials Moving	0	0			
Visual and Performing Arts	254	9	437	416	419
Other	58	2	368	364	353
Undecided	274	9	576	566	562
Degree-Level Goal					
Certificate Program	17	1	384	382	371
Associate Degree	30	1	339	349	325
Bachelor's Degree	439	19	444	438	427
Master's Degree	805	36	507	501	490
Doctoral or Related Degree	564	25	543	531	527
Other	20	1	330	352	344
Undecided	385	17	541	530	528

College Plans

Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 4,993 students from your state who took the SAT and/or an SAT Subject Test, 2,571 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 929 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
University of Maryland: College Park	MD	Public	356	13.8
University of Virginia	VA	Public	276	10.7
Temple University	PA	Private	231	9.0
Penn State University Park	PA	Public	201	7.8
University of Michigan	MI	Public	186	7.2
Howard University	DC	Private	181	7.0
University of Pennsylvania	PA	Private	174	6.8
Georgetown University	DC	Private	173	6.7
University of Maryland: Eastern Shore	MD	Public	160	6.2
North Carolina Central University	NC	Public	154	6.0
Harvard College	MA	Private	154	6.0
New York University	NY	Private	153	6.0
North Carolina A&T State University	NC	Public	149	5.8
Fordham University	NY	Private	148	5.8
Cornell University	NY	Private	144	5.6
Princeton University	NJ	Private	143	5.6
Boston College	MA	Private	142	5.5
Columbia University	NY	Private	141	5.5
Brown University	RI	Private	140	5.4
Virginia Commonwealth University	VA	Public	140	5.4
Old Dominion University	VA	Public	132	5.1
George Mason University	VA	Public	132	5.1
Tulane University	LA	Private	131	5.1
Stanford University	CA	Private	128	5.0
University of Vermont	VT	Public	128	5.0
Yale University	CT	Private	126	4.9
NCAA Eligibility Center	IN	Public	125	4.9
University of California: Berkeley	CA	Public	124	4.8
College of William and Mary	VA	Public	119	4.6
Boston University	MA	Private	118	4.6
University of Pittsburgh	PA	Private	118	4.6
George Washington University	DC	Private	117	4.6
Tufts University	MA	Private	115	4.5
University of North Carolina at Chapel Hill	NC	Public	114	4.4
University of Chicago	IL	Private	113	4.4
Duke University	NC	Private	112	4.4
Virginia Tech	VA	Public	109	4.2
Northwestern University	IL	Private	109	4.2
Bowie State University	MD	Public	108	4.2
Clark Atlanta University	GA	Private	106	4.1
Washington University in St. Louis	MO	Private	105	4.1
Delaware State University	DE	Public	105	4.1
Towson University	MD	Public	104	4.0
Virginia State University	VA	Public	103	4.0
Morgan State University	MD	Public	102	4.0

*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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