



2009 College-Bound Seniors

Total Group Profile Report

TOTAL GROUP

Included in This Report

SAT® Data

SAT Subject Tests™ Data

Demographic and Academic Information

College Plans

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The SAT® Program

The SAT® (formerly known as the SAT® I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2009* includes students who tested through March 2009.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2009 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 Web site at www.collegeboard.com.

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200 to 800 point scale.

Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

The College Board: Inspiring Minds™

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,600 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,800 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities and concerns.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2009

<u>Year</u>	<u>Critical Reading</u>			<u>Mathematics</u>			<u>Writing</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
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	504	502	502	533	499	515	489	500	494
2008	504	500	502	533	500	515	488	501	494
2009	503	498	501	534	499	515	486	499	493

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 2000–2009, all scores are reported on the recentered scale.

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SAT® Data

Data in this report are for high school graduates in the year 2009. Information is summarized for seniors who took the SAT at any time during their high school years through March 2009. 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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Total	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	1.6

Table 2: Mean Scores by Gender

SAT	Test-Takers Number	Critical Reading		Mathematics		Writing		Writing Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Male	711,368	503	114	534	118	486	112	48.9	11.2	7.0	1.7
Female	818,760	498	110	499	112	499	110	49.7	11.1	7.3	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 Sub-Scores			
		Mean	SD	Mean	SD	Mean	SD	Multiple Choice		Essay	
								Mean	SD	Mean	SD
Senior (2008-2009)	1,016,606	491	109	505	113	483	107	48.3	10.7	7.1	1.7
Junior (2007-2008)	508,163	520	117	535	120	512	116	51.3	11.6	7.4	1.6
Sophomore (2006-2007)	4,787	527	138	552	135	519	134	52.4	13.3	7.1	2.0
Freshman (2005-2006)	572	482	121	513	118	463	111	47.3	11.4	6.4	1.7
Total	1,530,128	501	112	515	116	493	111	49.3	11.1	7.2	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 2009 cohort took the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than 0.3%) 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 4: Percentiles for 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	Total Group		
	Critical Reading	Mathematics	Writing
75th	580	600	570
50th	500	510	490
25th	420	430	410

Table 5: 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.com/sat-skills.

SAT Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
700–800	36,243	36,768	73,011	61,885	35,411	97,296	27,392	36,141	63,533
600–690	118,449	122,513	240,962	163,008	132,685	295,693	96,186	125,987	222,173
500–590	216,948	247,610	464,558	213,002	236,236	449,238	198,038	244,590	442,628
400–490	216,839	268,659	485,498	186,290	268,207	454,497	237,869	267,484	505,353
300–390	98,937	119,324	218,261	73,391	124,350	197,741	126,820	124,532	251,352
200–290	23,952	23,886	47,838	13,792	21,871	35,663	25,063	20,026	45,089

Table 6: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	1,093,374	84	46	54	496	510	487
Religiously Affiliated	139,022	11	50	50	533	533	530
Independent	73,928	6	52	48	550	578	555
Other or Unknown	223,804		46	54	485	512	480

Table 7: Test-Taking Conditions

SAT	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	1,498,064	98	501	112	516	116	493	111
Nonstandard Conditions	32,064	2	485	121	490	128	479	121

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

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	8,974	1	486	106	493	107	469	103
Asian, Asian American, or Pacific Islander	158,757	10	516	122	587	125	520	123
Black or African American	187,136	12	429	96	426	97	421	93
Mexican or Mexican American	79,766	5	453	98	463	99	446	94
Puerto Rican	22,881	1	452	102	450	104	443	100
Other Hispanic, Latino, or Latin American	103,937	7	455	104	461	106	448	101
White	851,014	56	528	102	536	103	517	102
Other	51,215	3	494	119	514	119	493	116
No Response	66,448	4	472	134	501	128	469	126
Total	1,530,128	100	501	112	515	116	493	111

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	4,131	0	491	109	513	109	465	105
Asian, Asian American, or Pacific Islander	77,674	5	516	123	602	124	514	124
Black or African American	81,450	5	426	98	435	101	410	93
Mexican or Mexican American	35,123	2	457	100	482	102	442	94
Puerto Rican	10,142	1	453	105	467	107	436	100
Other Hispanic, Latino, or Latin American	44,299	3	461	106	483	109	446	102
White	402,184	26	530	104	555	104	509	104
Other	22,494	1	494	122	534	122	486	118
No Response	33,871	2	466	135	511	131	457	125
Total	711,368	46	503	114	534	118	486	112

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	4,843	0	482	104	476	101	473	101
Asian, Asian American, or Pacific Islander	81,083	5	515	122	572	125	527	123
Black or African American	105,686	7	431	95	420	93	429	93
Mexican or Mexican American	44,643	3	450	96	447	94	449	93
Puerto Rican	12,739	1	450	101	437	99	448	99
Other Hispanic, Latino, or Latin American	59,638	4	450	102	445	100	449	101
White	448,830	29	526	101	520	99	524	101
Other	28,721	2	494	116	498	115	499	114
No Response	32,577	2	478	133	490	125	482	126
Total	818,760	54	498	110	499	112	499	110

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	1,530,128	100	501	112	515	116	493	111
First Language Learned								
English	1,107,454	75	511	108	516	110	499	107
English and Another	223,868	15	482	114	506	125	480	114
Another Language	149,202	10	467	118	524	136	472	121
No Response	49,604		466	144	511	144	470	139
Citizenship								
U.S. Citizen / U.S. National	1,337,773	92	506	109	513	112	496	108
U.S. Permanent Resident or Refugee	47,255	3	463	124	509	134	467	126
Citizen of Another Country	64,316	4	486	122	583	130	499	120
Other, Unknown, or No Response	80,784		454	135	504	142	458	133
Disabling Condition								
Yes	85,830	6	485	113	488	113	469	108
Unknown or No Response	1,444,298		502	112	517	116	494	111
Plans to Apply for Financial Aid								
Yes	958,909	71	498	108	508	112	488	107
No	100,296	7	529	109	551	112	526	110
Don't Know	283,316	21	515	110	534	113	508	110
Family Income								
\$0 - \$20,000	103,764	10	434	103	457	119	430	102
\$20,000–\$40,000	150,969	15	462	101	475	108	453	98
\$40,000–\$60,000	149,331	15	488	102	497	106	476	99
\$60,000–\$80,000	149,596	15	503	101	512	104	491	99
\$80,000–\$100,000	128,524	13	517	101	528	104	505	101
\$100,000–\$120,000	106,234	11	525	101	538	103	516	101
\$120,000–\$140,000	54,004	5	529	100	542	103	520	101
\$140,000–\$160,000	40,945	4	536	101	550	103	527	101
\$160,000–\$200,000	46,109	5	542	102	554	104	535	103
More than \$200,000	67,326	7	563	103	579	104	560	105
No Response	533,326		502	121	520	124	497	119
Highest Level of Parental Education								
No High School Diploma	68,445	5	420	95	443	107	418	93
High School Diploma	422,310	31	464	97	474	103	454	94
Associate Degree	118,869	9	482	94	491	98	469	93
Bachelor's Degree	403,483	30	521	102	535	106	512	102
Graduate Degree	345,561	25	559	109	572	111	552	109
Took the PSAT/NMSQT®								
Yes, As a Junior	394,324	31	498	105	508	108	488	103
Yes, As a Sophomore or Younger	274,548	21	502	107	513	112	492	106
Yes, As a Junior and As a Sophomore or Younger	394,541	31	536	107	546	109	530	106
No	227,507	18	470	109	491	120	460	107

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	242,744	33	43	57	576	603	573
Second Tenth	197,439	27	46	54	512	534	505
Second Fifth	138,021	19	50	50	482	497	471
Final Three Fifths	147,741	20	51	49	441	448	430
No Response	804,183		46	54	489	500	481

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)	80,757	6	40	60	599	621	597
A (93–96)	265,748	19	39	61	563	583	559
A- (90–92)	273,141	19	43	57	532	551	526
B (80–89)	655,666	46	48	52	474	484	464
C (70–79)	154,903	11	57	43	420	422	406
D, E, or F (below 70)	5,749	0	62	38	399	412	387
No Response	94,164		52	48	474	507	471
Mean Grade Point Average	All Students: 3.32		Male: 3.24		Female: 3.39		

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	2.3	2.2	3.67	3.82	3.76
English and Language Arts	3.9	3.9	3.9	3.25	3.47	3.37
Foreign and Classical Languages	2.7	2.9	2.8	3.18	3.43	3.31
Mathematics	3.9	3.8	3.9	3.14	3.14	3.14
Natural Sciences	3.6	3.5	3.6	3.23	3.27	3.25
Social Sciences and History	3.6	3.6	3.6	3.36	3.41	3.39
Total for All Subjects	19.7	20.0	20.0			

Academic Information

Course-Taking Patterns

Table 15: English, Mathematics

English and Language Arts	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	67,331	5	45	55	528	555	524	
4 Years	1,056,189	81	46	54	511	522	502	
3 Years	151,397	12	45	55	466	478	459	
2 Years	15,226	1	50	50	470	502	466	
1 Year	3,263	0	50	50	426	461	423	
1/2 Year or Less	2,628	0	51	49	418	459	415	
No Response	234,094		51	49	474	501	470	
Course Work or Experience								
English/Language Arts	1,160,304	96	45	55	506	517	498	
Journalism	153,147	13	36	64	510	510	505	
Creative Writing	294,674	24	42	58	504	509	498	
American Literature	657,535	54	44	56	514	520	505	
Composition/Writing	467,706	39	44	56	507	515	500	
British Literature	314,097	26	44	56	526	530	516	
World Literature	373,874	31	45	55	517	524	508	
Communications	148,358	12	45	55	492	511	485	
Public Speaking	250,149	21	43	57	513	524	505	
English As Second Language	65,384	5	44	56	442	510	449	
AP@/Honors Courses	522,746	40	39	61	561	565	552	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	157,990	12	50	50	544	587	538	
4 Years	836,757	64	46	54	512	524	504	
3 Years	275,668	21	43	57	468	465	457	
2 Years	22,156	2	47	53	458	461	449	
1 Year	3,368	0	48	52	423	445	418	
1/2 Year or Less	2,933	0	48	52	414	436	411	
No Response	231,256		51	49	474	501	470	
Highest Level of Mathematics Achieved*								
Calculus	358,303	28	50	50	569	611	566	
Pre-calculus	352,274	28	44	56	513	526	504	
Trigonometry	144,192	11	43	57	483	485	473	
Algebra II	345,052	27	43	57	457	446	444	
Algebra I	46,931	4	46	54	415	395	402	
AP/Honors Courses	451,671	35	46	54	564	594	557	

*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.

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	96,622	8	47	53	551	588	544	
4 Years	648,580	51	47	53	523	536	515	
3 Years	436,126	34	44	56	482	488	472	
2 Years	73,251	6	47	53	468	476	458	
1 Year	16,587	1	47	53	456	470	447	
1/2 Year or Less	9,971	1	41	59	424	445	422	
No Response	248,991		51	49	473	499	469	
Course Work or Experience								
Biology	1,202,184	97	45	55	507	518	498	
Chemistry	1,108,442	89	45	55	513	526	505	
Physics	659,419	53	50	50	530	553	523	
Geology, Earth, or Space Science	586,724	47	46	54	490	498	480	
Other Sciences	497,960	40	41	59	500	507	491	
AP/Honors Courses	427,173	33	44	56	568	587	560	

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	67,497	5	47	53	544	561	535	
4 Years	737,459	57	46	54	516	525	507	
3 Years	395,276	31	44	56	489	503	481	
2 Years	70,155	5	48	52	473	496	466	
1 Year	10,472	1	48	52	449	484	446	
1/2 Year or Less	6,259	0	48	52	424	472	425	
No Response	243,010		51	49	473	500	470	
Course Work or Experience								
U.S. History	1,158,518	93	45	55	506	517	498	
World History or Cultures	1,038,575	84	45	55	508	519	499	
U.S. Government or Civics	847,019	68	45	55	506	515	496	
Economics	585,393	47	44	56	505	519	495	
Geography	385,927	31	45	55	496	511	488	
Psychology	334,778	27	35	65	521	524	513	
European History	273,738	22	48	52	543	550	534	
Sociology	152,464	12	37	63	502	507	493	
Ancient History	174,052	14	49	51	518	528	510	
Other Courses	197,114	16	44	56	516	525	507	
AP/Honors Courses	478,591	37	43	57	564	571	555	

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	64,688	5	39	61	561	583	560
4 Years	304,906	24	41	59	554	564	551
3 Years	413,013	32	45	55	513	526	505
2 Years	403,812	31	49	51	473	482	459
1 Year	60,400	5	51	49	440	449	425
1/2 Year or Less	41,248	3	55	45	422	446	411
No Response	242,061		52	48	473	500	469
Course Work or Experience							
Chinese	23,593	2	47	53	538	610	538
French	214,458	17	37	63	525	529	517
German	53,687	4	56	44	537	545	517
Greek	3,818	0	54	46	549	553	542
Hebrew	5,059	0	45	55	550	561	552
Italian	28,316	2	43	57	503	511	499
Japanese	21,265	2	50	50	532	561	516
Korean	4,060	0	47	53	495	600	510
Latin	76,868	6	49	51	561	561	548
Russian	5,123	0	48	52	506	532	504
Spanish	881,803	71	45	55	501	511	493
Other Languages	40,381	3	42	58	481	510	478
AP/Honors Courses	260,282	20	39	61	575	586	572

Academic Information

Course-Taking Patterns

Table 18: 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	63,211	5	40	60	531	544	522	
4 Years	255,744	20	38	62	534	536	526	
3 Years	169,767	13	40	60	506	512	498	
2 Years	269,190	21	46	54	501	513	493	
1 Year	321,979	25	50	50	497	516	489	
1/2 Year or Less	184,882	15	54	46	480	499	470	
No Response	265,355		52	48	476	503	472	
Course Work or Experience								
Acting or Play Production	195,928	17	34	66	541	532	531	
Art History or Appreciation	211,320	18	42	58	506	511	498	
Dance	138,793	12	11	89	496	498	497	
Drama: Study or Appreciation	169,235	15	33	67	521	514	512	
Music: Study or Appreciation	153,860	13	48	52	533	535	524	
Music Performance	420,105	36	42	58	529	537	521	
Photography or Film	218,834	19	38	62	517	520	508	
Studio Art and Design	261,622	23	38	62	520	526	512	
None	222,723	19	58	42	475	497	464	
AP/Honors Courses	94,654	7	37	63	572	575	564	

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	747,128	65	46	54	511	522	501
Computer Programming	211,967	18	56	44	502	525	492
Word Processing	771,357	67	45	55	512	522	502
Internet Activity	569,805	49	47	53	514	525	504
Using Computer Graphics	366,120	32	51	49	511	526	501
Creating Spreadsheets/Databases	377,293	33	47	53	516	532	507
None	151,701	13	38	62	501	512	496

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
294,893	755,150	277,327	591	619	594

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	21,441	7
2	125,151	42
3	118,794	40
4 or More	29,507	10

Table 20: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT

Most, but not all, students who take SAT Subject Tests also take the SAT. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT scores for those students who also took the SAT.

	SAT Subject Test			SAT						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
English										
Literature	119,038	580	112	111,146	599	112	585	108	596	109
History and Social Studies										
U.S. History	119,903	599	115	113,533	604	108	605	108	600	107
World History	17,052	589	117	16,036	617	111	615	111	609	110
Mathematics										
Mathematics Level 1	88,051	599	104	81,196	576	112	615	101	584	107
Mathematics Level 2	155,952	648	108	148,487	598	111	655	102	605	108
Science										
Biology-E	36,376	598	109	34,215	594	110	614	106	595	106
Biology-M	40,020	641	106	38,147	617	109	650	97	624	102
Chemistry	63,142	638	113	59,756	615	109	674	97	620	105
Physics	38,785	655	106	36,651	604	117	692	89	612	105
Foreign and Classical Languages										
Chinese/Listening	6,896	763	61	6,677	564	130	671	93	577	127
French	11,048	618	121	10,539	631	102	629	96	638	99
French/Listening	2,684	637	116	2,596	635	94	630	90	641	90
German	796	616	130	749	630	96	657	81	642	91
German/Listening	919	609	122	877	625	94	633	86	631	90
Modern Hebrew	463	650	135	417	619	94	638	90	642	90
Italian	726	667	112	699	600	98	592	96	606	97
Japanese/Listening	1,759	689	113	1,696	575	111	658	91	586	107
Korean/Listening	4,625	763	59	4,370	547	111	667	91	578	110
Latin	2,952	618	104	2,883	676	86	669	81	674	84
Spanish	36,918	646	119	34,771	557	123	562	122	565	124
Spanish/Listening	7,045	652	116	6,830	555	118	558	115	562	119

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	7,556	6	12,708	11	1,902	11
700-740	13,780	12	16,328	14	2,022	12
650-690	17,394	15	18,799	16	2,025	12
600-640	18,007	15	17,610	15	2,176	13
550-590	17,010	14	14,694	12	2,504	15
500-540	15,812	13	14,022	12	2,184	13
450-490	12,727	11	12,093	10	2,149	13
400-440	10,054	8	8,452	7	1,362	8
350-390	5,355	4	4,257	4	641	4
300-340	1,258	1	902	1	83	0
250-290	85	0	38	0	4	0
200-240						
Total	119,038		119,903		17,052	
Mean	580		599		589	
SD	112		115		117	
75th percentile	670		690		680	
50th percentile	590		610		590	
25th percentile	500		510		500	

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	4,747	5	38,718	25	3,145	9	7,063	18	13,117	21	9,406	24
700-740	12,494	14	18,277	12	4,540	12	7,149	18	9,926	16	6,338	16
650-690	15,453	18	23,491	15	5,627	15	7,179	18	9,430	15	6,316	16
600-640	17,104	19	24,360	16	6,227	17	6,154	15	8,760	14	5,700	15
550-590	12,494	14	21,107	14	5,664	16	4,940	12	7,384	12	4,435	11
500-540	10,399	12	15,739	10	4,539	12	3,347	8	5,919	9	3,073	8
450-490	6,846	8	9,712	6	3,159	9	2,119	5	4,553	7	2,009	5
400-440	5,095	6	3,360	2	1,979	5	1,062	3	3,042	5	1,308	3
350-390	2,728	3	954	1	1,007	3	693	2	985	2	200	1
300-340	663	1	234	0	441	1	296	1	26	0		
250-290	28	0			47	0	18	0				
200-240					1	0						
Total	88,051		155,952		36,376		40,020		63,142		38,785	
Mean	599		648		598		641		638		655	
SD	104		108		109		106		113		106	
75th percentile	680		740		680		720		730		740	
50th percentile	610		650		610		660		650		670	
25th percentile	530		570		520		570		560		580	

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	5,361	78	2,092	19	620	23	181	23	185	20	171	37
700-740	731	11	1,307	12	298	11	70	9	115	13	37	8
650-690	374	5	1,531	14	414	15	106	13	96	10	50	11
600-640	219	3	1,406	13	380	14	74	9	103	11	50	11
550-590	109	2	1,314	12	336	13	86	11	101	11	35	8
500-540	60	1	1,391	13	270	10	109	14	128	14	36	8
450-490	23	0	1,009	9	205	8	90	11	95	10	41	9
400-440	15	0	657	6	102	4	53	7	62	7	26	6
350-390	4	0	303	3	53	2	18	2	25	3	13	3
300-340			38	0	6	0	8	1	7	1	2	0
250-290							1	0	2	0	2	0
200-240												
Total	6,896		11,048		2,684		796		919		463	
Mean	763		618		637		616		609		650	
SD	61		121		116		130		122		135	
75th percentile	800		720		730		730		720		780	
50th percentile	790		620		640		620		610		660	
25th percentile	750		520		550		510		510		540	

Table 24: Foreign and Classical Languages (continued)

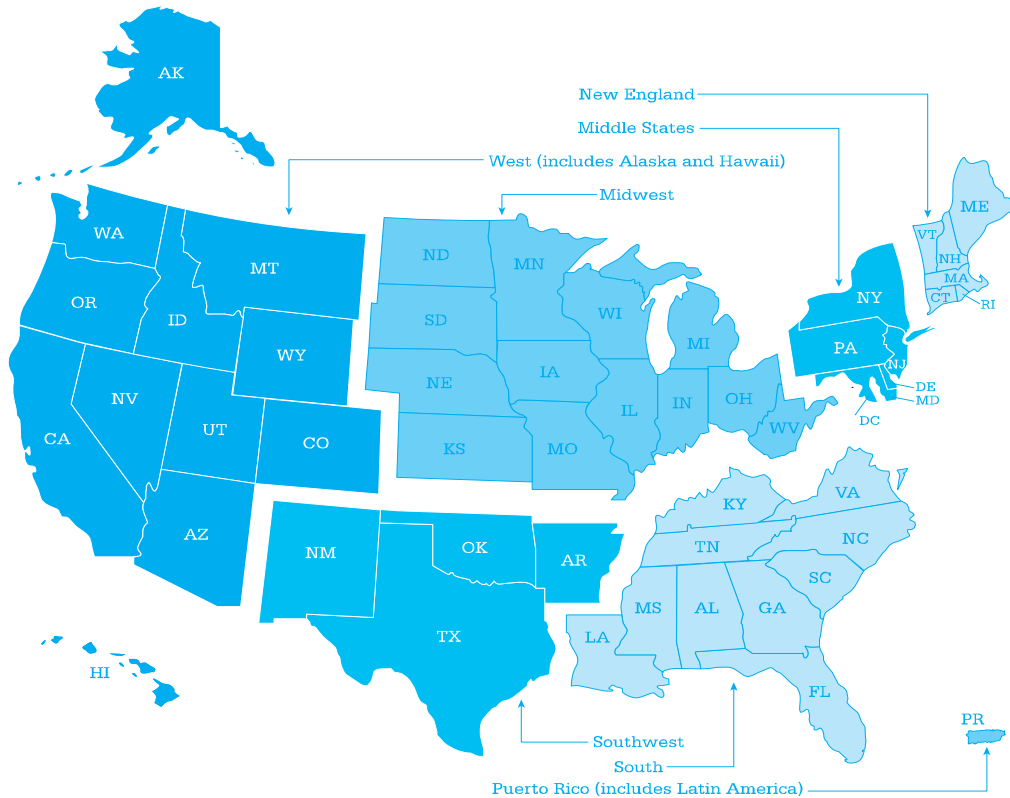
SAT Subject Tests	Foreign and Classical Languages											
	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	221	30	782	44	3,649	79	382	13	8,920	24	1,983	28
700-740	135	19	322	18	444	10	433	15	6,614	18	1,030	15
650-690	104	14	162	9	243	5	467	16	5,304	14	1,240	18
600-640	92	13	125	7	138	3	410	14	4,529	12	815	12
550-590	62	9	102	6	84	2	429	15	3,741	10	606	9
500-540	41	6	103	6	40	1	404	14	3,061	8	541	8
450-490	37	5	80	5	23	0	297	10	2,037	6	362	5
400-440	18	2	55	3	4	0	106	4	1,464	4	231	3
350-390	9	1	24	1			24	1	821	2	172	2
300-340	6	1	4	0					356	1	55	1
250-290	1	0							66	0	6	0
200-240									5	0	4	0
Total	726		1,759		4,625		2,952		36,918		7,045	
Mean	667		689		763		618		646		652	
SD	112		113		59		104		119		116	
75th percentile	760		780		800		700		740		750	
50th percentile	690		740		790		620		670		680	
25th percentile	600		630		760		540		560		580	

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	7,897	1	478	485	465
Architecture and Related Services	24,808	2	491	534	485
Area, Ethnic, Cultural and Gender Studies	908	0	551	515	536
Biological and Biomedical Sciences	62,709	6	541	557	533
Business Management, Marketing, and Related Support Services	149,548	14	486	516	481
Communication, Journalism and Related Programs	39,157	4	522	502	518
Computer and Information Sciences and Support Services	31,022	3	506	533	481
Construction Trades	1,312	0	423	458	404
Education	74,907	7	478	483	475
Engineering	88,719	8	526	582	511
Engineering Technologies/Technicians	16,160	1	464	511	448
English Language and Literature/Letters	16,817	2	589	530	572
Family and Consumer Sciences/Human Sciences	2,823	0	467	468	462
Foreign Languages, Literatures, and Linguistics	8,309	1	574	545	563
Health Professions and Related Clinical Services	206,087	19	488	501	485
History	14,253	1	548	517	518
Legal Professions and Studies	33,320	3	510	506	500
Liberal Arts and Sciences, General Studies, and Humanities	12,880	1	553	532	541
Library Science/Librarianship	332	0	576	510	534
Mathematics and Statistics	10,670	1	528	613	527
Mechanic and Repair Technologies/Technician	3,732	0	418	447	401
Military Sciences	2,310	0	518	520	483
Multi/Interdisciplinary Studies	1,790	0	604	594	590
Natural Resources and Conservation	5,651	1	521	521	504
Parks, Recreation, Leisure and Fitness Studies	7,315	1	452	476	442
Personal and Culinary Services	4,998	0	460	458	445
Philosophy and Religious Studies	2,850	0	567	543	543
Physical Sciences	14,697	1	561	592	544
Precision Production	104	0	441	468	411
Psychology	54,555	5	501	488	494
Public Administration and Social Services Professions	3,796	0	466	451	458
Security and Protective Services	20,783	2	449	458	438
Social Sciences	19,860	2	568	550	552
Theology and Religious Vocations	2,419	0	542	527	521
Transportation and Materials Moving	894	0	460	486	445
Visual and Performing Arts	84,946	8	516	503	506
Other	14,283	1	467	474	456
Undecided	42,120	4	532	549	523
Degree-Level Goal					
Certificate Program	12,166	1	441	461	432
Associate Degree	15,724	1	415	418	404
Bachelor's Degree	352,801	26	476	486	465
Master's Degree	411,843	31	507	522	500
Doctoral or Related Degree	270,515	20	534	548	528
Other	6,252	0	433	452	429
Undecided	272,880	20	516	529	508

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