



2011 College-Bound Seniors

State Profile Report

RHODE ISLAND

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 2011* includes students who tested through June 2011.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2011 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 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 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.
- 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.
- 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.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.

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, 1972–2011

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

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 2000–2011, 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 <http://www.collegeboard.org/sat/cbs-2011-trends>.

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SAT® Data

Data in this report are for high school graduates in the year 2011. Information is summarized for seniors who took the SAT at any time during their high school years through June 2011. 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	8,208	495	111	493	112	489	112	48.6	11.2	7.5	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	3,659	500	111	512	113	482	112	48.3	11.1	7.2	1.7
Female	4,549	491	110	478	109	494	112	48.8	11.3	7.7	1.4

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 (2010-2011)	6,300	491	107	488	109	485	109	48.1	10.8	7.5	1.6
Junior (2009-2010)	1,902	509	120	509	120	502	122	50.0	12.2	7.5	1.6
Sophomore (2008-2009)	6	598		632		612		62.0		7.8	
Freshman (2007-2008)											
Total	8,208	495	111	493	112	489	112	48.6	11.2	7.5	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	1,647,123	497	114	514	117	489	113	49.1	11.4	7.3	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 2011 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	570	570	560	570	600	560
50th	490	490	480	490	510	480
25th	420	420	410	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	155	162	317	186	108	294	116	205	321
600-690	612	650	1,262	697	587	1,284	492	648	1,140
500-590	1,105	1,317	2,422	1,123	1,223	2,346	1,002	1,301	2,303
400-490	1,137	1,569	2,706	1,097	1,609	2,706	1,208	1,555	2,763
300-390	528	696	1,224	458	833	1,291	699	704	1,403
200-290	122	155	277	98	189	287	142	136	278

Table 7: Type of High School

SAT	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	6,192	78	43	57	482	482	474
Religiously Affiliated	1,552	19	49	51	542	533	541
Independent	229	3	51	49	587	583	592
Other or Unknown	235		50	50	441	436	427

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	555	7	478	107	470	107	465	109
Nonstandard Conditions	196	2	506	118	506	126	512	122

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	34	0	487	117	474	73	484	117
Asian, Asian American, or Pacific Islander	346	4	491	129	535	133	493	136
Black or African American	552	7	422	100	410	102	407	95
Mexican or Mexican American	53	1	465	110	456	117	437	126
Puerto Rican	160	2	420	98	420	104	406	92
Other Hispanic, Latino, or Latin American	808	10	410	102	408	103	405	96
White	5,800	71	518	101	515	101	513	102
Other	226	3	479	118	468	117	470	119
No Response	229	3	467	117	455	123	450	117
Total	8,208	100	495	111	493	112	489	112

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	12	0	485		472		463	
Asian, Asian American, or Pacific Islander	161	2	490	134	550	134	480	135
Black or African American	254	3	417	99	427	104	393	90
Mexican or Mexican American	27	0	490	93	485	110	450	126
Puerto Rican	71	1	423	105	432	113	392	91
Other Hispanic, Latino, or Latin American	327	4	412	99	419	105	399	95
White	2,620	32	523	101	533	102	506	102
Other	90	1	494	128	498	125	475	125
No Response	97	1	476	123	482	125	446	125
Total	3,659	45	500	111	512	113	482	112

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	22	0	488		476		495	
Asian, Asian American, or Pacific Islander	185	2	493	124	522	131	504	136
Black or African American	298	4	425	101	395	99	418	98
Mexican or Mexican American	26	0	438	119	427	117	423	123
Puerto Rican	89	1	417	91	411	95	418	92
Other Hispanic, Latino, or Latin American	481	6	409	104	401	101	408	97
White	3,180	39	514	100	501	98	519	102
Other	136	2	468	110	448	108	467	114
No Response	132	2	461	112	435	118	452	111
Total	4,549	55	491	110	478	109	494	112

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	8,208	100	495	111	493	112	489	112
First Language Learned								
English	6,486	80	511	104	506	105	504	106
English and Another	931	12	442	111	443	115	435	110
Another Language	669	8	420	115	441	129	421	117
No Response	122		472	131	468	140	457	136
Citizenship								
U.S. Citizen / U.S. National	7,564	96	501	108	497	109	494	109
U.S. Permanent Resident or Refugee	215	3	418	126	434	132	419	128
Citizen of Another Country	71	1	474	113	551	142	492	124
Other, Unknown, or No Response	358		425	117	427	127	414	114
Plans to Apply for Financial Aid								
Yes	5,646	80	497	106	492	105	490	107
No	399	6	544	103	544	111	542	109
Don't Know	1,027	15	511	105	518	110	509	108
No Response	1,136		456	127	457	134	446	128
Family Income								
\$0 - \$20,000	463	10	423	102	423	98	410	99
\$20,000–\$40,000	530	12	467	97	463	100	453	97
\$40,000–\$60,000	654	15	484	101	482	101	475	103
\$60,000–\$80,000	666	15	499	94	496	95	494	96
\$80,000–\$100,000	609	14	510	95	509	93	503	92
\$100,000–\$120,000	557	12	525	103	521	98	519	102
\$120,000–\$140,000	305	7	523	95	523	100	519	97
\$140,000–\$160,000	197	4	533	95	531	98	532	107
\$160,000–\$200,000	236	5	534	99	537	97	535	101
More than \$200,000	271	6	567	101	568	97	566	106
No Response	3,720		490	118	488	121	485	118
Highest Level of Parental Education								
No High School Diploma	332	4	398	93	403	96	390	90
High School Diploma	2,188	29	454	95	454	98	445	93
Associate Degree	774	10	474	90	470	95	465	87
Bachelor's Degree	2,386	31	524	101	520	101	518	104
Graduate Degree	1,899	25	554	104	552	107	552	106
No Response	629		425	110	427	118	420	111
Took the PSAT/NMSQT®								
Yes, As a Junior	2,288	31	490	103	489	105	485	102
Yes, As a Sophomore or Younger	1,231	16	513	101	513	103	506	103
Yes, As a Junior and As a Sophomore or Younger	2,362	32	542	106	538	106	543	107
No	1,607	21	452	94	446	95	434	91
No Response	720		425	122	430	128	418	118

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	968	30	38	62	587	591	589
Second Tenth	824	25	42	58	526	530	527
Second Fifth	657	20	53	47	497	499	486
Final Three Fifths	809	25	53	47	451	449	440
No Response	4,950		44	56	479	474	471

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)	154	2	36	64	620	616	623
A (93–96)	874	11	32	68	574	578	578
A- (90–92)	1,445	19	38	62	546	550	547
B (80–89)	4,216	55	47	53	478	475	471
C (70–79)	953	12	55	45	418	410	402
D, E, or F (below 70)	39	1	56	44	392	374	392
No Response	527		49	51	472	461	452
Mean Grade Point Average	All Students: 3.19		Male: 3.10		Female: 3.26		

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	2.1	2.4	2.3	3.57	3.75	3.67
English and Language Arts	3.9	3.9	3.9	3.12	3.38	3.27
Foreign and Classical Languages	3.0	3.2	3.1	3.03	3.33	3.20
Mathematics	3.9	3.9	3.9	3.04	3.06	3.05
Natural Sciences	3.6	3.6	3.6	3.12	3.20	3.16
Social Sciences and History	3.6	3.5	3.5	3.26	3.34	3.31
Total for All Subjects	20.1	20.5	20.3			

Academic Information

Course-Taking Patterns

Table 16: 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	524	8	43	57	528	525	525	
4 Years	5,236	78	44	56	509	506	503	
3 Years	777	12	42	58	459	458	454	
2 Years	72	1	42	58	473	478	466	
1 Year	29	0	41	59	448	447	444	
1/2 Year or Less	69	1	58	42	438	428	410	
No Response	1,501		49	51	459	460	451	
AP®/Honors Courses	2,271	34	36	64	572	559	571	
Course Work or Experience								
English/Language Arts	5,980	96	43	57	504	501	498	
Journalism	480	8	35	65	503	491	498	
Creative Writing	1,529	25	36	64	511	497	506	
American Literature	4,598	74	43	57	513	510	508	
Composition/Writing	2,986	48	42	58	508	501	502	
British Literature	3,072	49	40	60	516	509	511	
World Literature	2,556	41	44	56	510	507	504	
Communications	363	6	46	54	478	479	468	
Public Speaking	995	16	37	63	496	489	491	
English As Second Language	265	4	39	61	426	450	429	

Mathematics	Test-Takers		Percent by Gender		SAT Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	752	11	49	51	522	537	519	
4 Years	4,773	71	43	57	510	506	505	
3 Years	1,011	15	41	59	464	455	456	
2 Years	74	1	42	58	448	462	451	
1 Year	30	0	30	70	456	452	453	
1/2 Year or Less	72	1	51	49	433	421	408	
No Response	1,496		49	51	459	460	451	
AP/Honors Courses	1,815	27	44	56	577	596	576	
Highest Level of Mathematics Achieved*								
Calculus	1,320	20	48	52	581	606	582	
Pre-calculus	2,089	32	41	59	524	524	520	
Trigonometry	549	8	36	64	485	472	473	
Algebra II	2,158	33	43	57	454	438	445	
Algebra I	262	4	45	55	414	387	398	

*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	707	11	44	56	543	550	537	
4 Years	3,470	52	46	54	518	517	514	
3 Years	2,004	30	40	60	475	468	467	
2 Years	235	4	42	58	460	458	449	
1 Year	103	2	45	55	476	476	467	
1/2 Year or Less	115	2	43	57	442	423	418	
No Response	1,574		49	51	459	460	451	
AP/Honors Courses	2,032	31	43	57	573	579	571	
Course Work or Experience								
Biology	6,163	97	43	57	504	501	498	
Chemistry	6,014	95	43	57	506	503	500	
Physics	4,012	63	46	54	511	514	506	
Geology, Earth, or Space Science	2,631	42	43	57	504	500	497	
Other Sciences	2,682	42	41	59	497	494	490	

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	490	7	44	56	533	520	525	
4 Years	3,270	49	46	54	517	511	512	
3 Years	2,478	37	40	60	486	490	482	
2 Years	294	4	41	59	469	473	458	
1 Year	55	1	42	58	467	472	455	
1/2 Year or Less	84	1	54	46	431	423	404	
No Response	1,537		49	51	460	460	451	
AP/Honors Courses	2,188	33	41	59	577	569	574	
Course Work or Experience								
U.S. History	6,101	97	43	57	504	502	498	
World History or Cultures	4,885	77	43	57	505	503	501	
U.S. Government or Civics	2,408	38	45	55	508	504	500	
Economics	1,026	16	48	52	523	529	518	
Geography	723	11	45	55	497	492	491	
Psychology	1,939	31	31	69	506	498	502	
European History	2,163	34	46	54	533	525	524	
Sociology	928	15	33	67	490	483	483	
Ancient History	1,405	22	47	53	522	517	512	
Other Courses	1,382	22	39	61	493	490	487	

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	445	7	36	64	554	548	555
4 Years	2,067	31	37	63	547	541	547
3 Years	2,378	36	45	55	500	501	495
2 Years	1,418	21	50	50	451	448	437
1 Year	162	2	51	49	414	414	397
1/2 Year or Less	204	3	57	43	428	420	402
No Response	1,534		49	51	459	460	451
AP/Honors Courses	1,765	26	37	63	573	568	575
Course Work or Experience							
Chinese	77	1	44	56	569	590	562
French	990	16	37	63	517	509	507
German	71	1	44	56	513	509	505
Greek	38	1	63	37	531	522	519
Hebrew	12	0	25	75	442	474	469
Italian	615	10	40	60	498	499	499
Japanese	63	1	48	52	547	533	527
Korean	8	0	25	75	374	488	438
Latin	251	4	37	63	584	577	583
Russian	14	0	50	50	446	466	452
Spanish	4,602	72	43	57	501	498	496
Other Languages	260	4	36	64	450	453	443

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 19: Arts and Music, Computers

Arts and Music	Test-Takers		Percent by Gender		SAT Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Years of Study							
More Than 4 Years	351	5	38	62	535	520	527
4 Years	1,431	22	37	63	522	514	519
3 Years	1,042	16	38	62	498	492	492
2 Years	1,447	22	43	57	494	496	488
1 Year	1,380	21	50	50	494	497	486
1/2 Year or Less	951	14	52	48	496	496	488
No Response	1,606		49	51	462	462	454
AP/Honors Courses	501	8	33	67	570	555	567
Course Work or Experience							
Acting or Play Production	1,111	18	32	68	542	516	539
Art History or Appreciation	1,180	19	42	58	502	494	496
Dance	742	12	12	88	491	480	500
Drama: Study or Appreciation	1,013	17	29	71	521	503	520
Music: Study or Appreciation	1,160	19	49	51	525	510	519
Music Performance	2,376	39	40	60	526	517	521
Photography or Film	1,489	24	35	65	509	500	507
Studio Art and Design	1,957	32	34	66	518	512	515
None	891	15	56	44	465	473	453

Computers	Test-Takers		Percent by Gender		SAT Mean Scores		
Course Work or Experience	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	4,087	67	42	58	510	505	505
Computer Programming	1,108	18	53	47	493	497	486
Word Processing	3,946	65	41	59	510	504	503
Internet Activity	2,661	44	43	57	510	506	504
Using Computer Graphics	2,097	34	46	54	504	501	497
Creating Spreadsheets/Databases	2,576	42	41	59	510	506	505
None	573	9	43	57	489	489	484

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

SAT Subject Tests™ Data

Table 20: Number of Test-Takers and Tests for SAT Subject Tests

Students Who Took SAT Subject Tests		Students Who Took an SAT Subject Test and Also Took the SAT			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
1,446	3,678	1,435	607	610	611

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	92	6
2	677	47
3	529	37
4 or More	148	10

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	673	596	97	670	621	92	588	91	621	94	
History and Social Studies											
U.S. History	577	619	98	575	625	90	606	93	626	93	
World History	29	540	116	29	573	93	539	105	572	80	
Mathematics											
Mathematics Level 1	720	597	92	714	590	95	608	89	599	97	
Mathematics Level 2	529	663	84	523	635	86	671	71	642	86	
Science											
Biology-E	166	587	116	163	603	109	603	110	596	104	
Biology-M	218	639	93	215	623	85	636	83	629	89	
Chemistry	257	620	105	256	628	96	665	87	631	102	
Physics	162	607	98	162	613	96	651	98	614	101	
Foreign and Classical Languages											
Chinese/Listening	11	652		11	602		650		605		
French	69	607	102	68	617	107	603	95	632	115	
French/Listening	20	607		19	671		623		675		
German	1			1							
German/Listening	1			1							
Modern Hebrew											
Italian	13	617		13	615		573		624		
Japanese/Listening	2			2							
Korean/Listening	2			2							
Latin	27	559	93	27	641	76	671	65	661	86	
Spanish	155	618	114	154	584	101	581	99	600	104	
Spanish/Listening	46	603	98	46	579	104	565	111	586	100	

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	35	5	54	9	1	3
700-740	85	13	92	16	3	10
650-690	98	15	96	17	3	10
600-640	136	20	106	18	1	3
550-590	122	18	92	16	6	21
500-540	84	12	67	12	5	17
450-490	61	9	42	7	4	14
400-440	39	6	22	4	3	10
350-390	11	2	6	1	2	7
300-340	2	0				
250-290					1	3
200-240						
Total	673		577		29	
Mean	596		619		540	
SD	97		98		116	
75th percentile	670		700		590	
50th percentile	600		620		540	
25th percentile	530		550		460	

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	25	3	101	19	14	8	35	16	28	11	12	7
700-740	90	13	87	16	18	11	26	12	45	18	23	14
650-690	131	18	124	23	24	14	45	21	42	16	30	19
600-640	138	19	97	18	35	21	47	22	35	14	23	14
550-590	140	19	79	15	21	13	33	15	47	18	26	16
500-540	82	11	28	5	17	10	17	8	23	9	21	13
450-490	67	9	10	2	17	10	7	3	21	8	17	10
400-440	38	5	2	0	8	5	7	3	13	5	9	6
350-390	8	1	1	0	7	4			2	1	1	1
300-340	1	0			5	3	1	0	1	0		
250-290												
200-240												
Total	720		529		166		218		257		162	
Mean	597		663		587		639		620		607	
SD	92		84		116		93		105		98	
75th percentile	670		730		670		700		700		680	
50th percentile	600		660		600		640		630		610	
25th percentile	540		600		500		570		550		530	

SAT Subject Tests Score Distributions

Table 24: Foreign and Classical Languages

SAT Subject Tests	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct	N	Pct
750-800	3	27	8	12	2	10						
700-740	1	9	8	12	2	10			1	100		
650-690	2	18	11	16	3	15						
600-640	1	9	11	16	2	10						
550-590	1	9	12	17	3	15						
500-540	2	18	6	9	5	25						
450-490	1	9	10	14	3	15	1	100				
400-440			3	4								
350-390												
300-340												
250-290												
200-240												
Total	11		69		20		1		1			
Mean	652		607		607							
SD			102									
75th percentile			690		680							
50th percentile			610		590							
25th percentile			530		520							

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	1	8			2	100	2	7	24	15	6	13
700-740			1	50			2	7	21	14	1	2
650-690	5	38					1	4	24	15	8	17
600-640	4	31					1	4	24	15	15	33
550-590	1	8	1	50			6	22	22	14	4	9
500-540							9	33	17	11	2	4
450-490	1	8					5	19	9	6	7	15
400-440	1	8					1	4	10	6	3	7
350-390									3	2		
300-340									1	1		
250-290												
200-240												
Total	13		2		2		27		155		46	
Mean	617						559		618		603	
SD							93		114		98	
75th percentile							580		710		670	
50th percentile							530		630		600	
25th percentile							490		540		510	

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	38	1	476	463	457
Architecture and Related Services	113	2	470	509	470
Area, Ethnic, Cultural and Gender Studies	11	0	491	482	507
Biological and Biomedical Sciences	431	6	538	539	532
Business Management, Marketing, and Related Support Services	707	10	484	500	483
Communication, Journalism and Related Programs	215	3	538	495	533
Computer and Information Sciences and Support Services	142	2	504	530	491
Construction Trades	10	0	427	428	440
Education	492	7	473	465	470
Engineering	495	7	527	565	515
Engineering Technologies/Technicians	96	1	461	485	432
English Language and Literature/Letters	125	2	579	515	568
Family and Consumer Sciences/Human Sciences	28	0	429	404	407
Foreign Languages, Literatures, and Linguistics	55	1	580	552	594
Health Professions and Related Clinical Services	1,229	18	486	489	489
History	119	2	546	504	521
Legal Professions and Studies	187	3	510	487	502
Liberal Arts and Sciences, General Studies, and Humanities	82	1	524	496	516
Library Science And Administration	2	0			
Mathematics and Statistics	71	1	519	584	516
Mechanic and Repair Technologies/Technician	12	0	391	384	382
Military Technologies And Applied Sciences	15	0	460	491	439
Multi/Interdisciplinary Studies	9	0	642	599	612
Natural Resources and Conservation	35	1	574	537	540
Parks, Recreation, Leisure and Fitness Studies	52	1	455	490	451
Personal and Culinary Services	41	1	436	428	428
Philosophy and Religious Studies	16	0	540	536	498
Physical Sciences	121	2	531	540	516
Precision Production					
Psychology	354	5	500	471	495
Public Administration and Social Services Professions	25	0	482	448	458
Security and Protective Services	207	3	448	448	437
Social Sciences	110	2	586	549	589
Theology and Religious Vocations	4	0			
Transportation and Materials Moving	1	0			
Visual and Performing Arts	516	7	511	485	506
Other	166	2	439	432	433
Undecided	657	9	517	520	512
Degree-Level Goal					
Certificate Program	61	1	458	456	441
Associate Degree	75	1	409	398	401
Bachelor's Degree	2,468	34	480	479	472
Master's Degree	2,006	28	508	504	504
Doctoral or Related Degree	1,162	16	540	540	539
Other	45	1	450	444	428
Undecided	1,368	19	506	501	498

College Plans

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

Of the 8,219 students from your state who took the SAT and/or an SAT Subject Test, 6,594 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 1,096 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
UNIVERSITY OF RHODE ISLAND	RI	Public	4,414	66.9
RHODE ISLAND COLLEGE	RI	Public	2,217	33.6
NORTHEASTERN UNIVERSITY	MA	Private	1,064	16.1
UNIVERSITY OF CONNECTICUT	CT	Public	798	12.1
ROGER WILLIAMS UNIVERSITY	RI	Private	701	10.6
BOSTON UNIVERSITY	MA	Private	612	9.3
UNIVERSITY OF MASSACHUSETTS AMHERST	MA	Public	565	8.6
QUINNIPIAC UNIVERSITY	CT	Private	563	8.5
BROWN UNIVERSITY	RI	Private	540	8.2
PROVIDENCE COLLEGE	RI	Private	535	8.1
UNIVERSITY OF NEW HAMPSHIRE DURHAM	NH	Public	525	8.0
UNIVERSITY OF VERMONT	VT	Public	520	7.9
BRYANT UNIVERSITY	RI	Private	448	6.8
BOSTON COLLEGE	MA	Private	445	6.7
SALVE REGINA UNIVERSITY	RI	Private	425	6.4
COMMUNITY COLLEGE OF RHODE ISLAND	RI	Public	309	4.7
NCAA ELIGIBILITY CENTER	IN	Public	302	4.6
UNIVERSITY OF MASSACHUSETTS DARTMOUTH	MA	Public	293	4.4
SUFFOLK UNIVERSITY	MA	Private	271	4.1
JOHNSON AND WALES UNIVERSITY	RI	Private	260	3.9
NEW YORK UNIVERSITY	NY	Private	236	3.6
UNIVERSITY OF NEW HAVEN	CT	Private	235	3.6
TUFTS UNIVERSITY	MA	Private	234	3.5
EMMANUEL COLLEGE	MA	Private	230	3.5
FORDHAM UNIVERSITY	NY	Private	229	3.5
STONEHILL COLLEGE	MA	Private	229	3.5
SYRACUSE UNIVERSITY	NY	Private	226	3.4
WORCESTER POLYTECHNIC INSTITUTE	MA	Private	225	3.4
MASSACHUSETTS COLLEGE OF PHARMACY AND HE	MA	Private	219	3.3
KEENE STATE COLLEGE	NH	Public	203	3.1
GEORGE WASHINGTON UNIVERSITY	DC	Private	190	2.9
HOFSTRA UNIVERSITY	NY	Private	188	2.9
SACRED HEART UNIVERSITY	CT	Private	180	2.7
AMERICAN UNIVERSITY DC	DC	Private	165	2.5
HARVARD UNDERGRADUATE ADMISSIONS	MA	Private	165	2.5
DREXEL UNIVERSITY	PA	Private	165	2.5
ENDICOTT COLLEGE	MA	Private	164	2.5
PLYMOUTH STATE UNIVERSITY	NH	Public	161	2.4
WESTERN NEW ENGLAND COLLEGE	MA	Private	157	2.4
ASSUMPTION COLLEGE	MA	Private	155	2.4
VILLANOVA UNIVERSITY	PA	Private	155	2.4
UNIVERSITY OF HARTFORD	CT	Private	154	2.3
UNIVERSITY OF DELAWARE	DE	Public	154	2.3
FAIRFIELD UNIVERSITY	CT	Private	149	2.3
UNIVERSITY OF MIAMI	FL	Private	148	2.2

*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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