

# State Profile Report

VIRGINIA

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

# The SAT<sup>®</sup> Program

The SAT Reasoning Test<sup>™</sup> (formerly known as the SAT<sup>®</sup> I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests<sup>™</sup> (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 2006* includes students who tested through April 2006.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2006 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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](http://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, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

## 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 200–800 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: Connecting Students to College Success

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 5,000 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 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<sup>®</sup>, the PSAT/NMSQT<sup>®</sup>, and the Advanced Placement Program<sup>®</sup> (AP<sup>®</sup>). 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 Reasoning Test Scores

## College-Bound Seniors, 1972–2006

<b>Year</b>	<b>Critical Reading</b>			<b>Mathematics</b>			<b>Writing</b>		
	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
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

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 2000–2006, all scores are reported on the recentered scale.

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## SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2006. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through April 2006. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing*	
	Number	Mean	SD	Mean	SD	Mean	SD
Total	56,336	512	109	513	110	500	105

Table 2: Mean Scores by Gender

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Male	26,183	512	109	530	113	492	106
Female	30,153	511	109	499	105	508	104

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

Scores are from the last administration in which seniors took the SAT Reasoning Test.

SAT Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Senior	39,927	501	105	503	106	492	102
Junior	15,778	538	115	538	113	528	112
Sophomore	547	538	121	539	121		
Freshman	84	537	118	549	122		
Total	56,336	512	109	513	110	500	105

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 Reasoning Test	Test-Takers	Critical Reading		Mathematics		Writing	
	Number	Mean	SD	Mean	SD	Mean	SD
Total Group	1,465,744	503	113	518	115	497	109

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 56,336 students in this report, 52,992 students have scores on the SAT writing section.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

## SAT Reasoning Test 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 Reasoning Test Percentile	State			Total Group		
	Critical Reading	Mathematics	Writing	Critical Reading	Mathematics	Writing
75th	580	590	570	580	600	570
50th	510	510	500	500	520	490
25th	440	440	420	430	440	420

**Table 6: Score Distributions**

SAT Reasoning Test Score Range	Critical Reading			Mathematics			Writing		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
750–800	481	590	1,071	642	261	903	227	380	607
700–749	786	938	1,724	1,241	728	1,969	589	831	1,420
650–699	1,807	1,971	3,778	2,288	1,624	3,912	1,182	1,779	2,961
600–649	2,994	3,345	6,339	3,475	2,954	6,429	2,211	2,904	5,115
550–599	3,758	4,115	7,873	3,976	4,125	8,101	3,301	4,172	7,473
500–549	4,776	5,449	10,225	4,572	5,427	9,999	4,185	5,151	9,336
450–499	4,379	5,323	9,702	3,921	5,432	9,353	4,273	4,950	9,223
400–449	3,535	4,191	7,726	3,012	4,760	7,772	3,935	4,261	8,196
350–399	2,141	2,558	4,699	1,781	2,985	4,766	2,799	2,631	5,430
300–349	1,011	1,162	2,173	776	1,151	1,927	1,236	1,042	2,278
250–299	327	334	661	302	484	786	419	285	704
200–249	188	177	365	197	222	419	160	89	249

**Table 7: Type of High School**

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Public	47,418	90	46	54	509	512	497
Religiously Affiliated	3,586	7	51	49	539	530	530
Independent	1,895	4	54	46	564	565	563
Other or Unknown	3,437						

**Table 8: Test-Taking Conditions**

SAT Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
Standard Conditions	55,325	98	512	109	514	109	501	105
Nonstandard Conditions	1,011	2	486	114	486	118	476	109

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

## Demographic Information

### SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

SAT Reasoning Test 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	303	1	506	104	494	102	487	105
Asian, Asian American, or Pacific Islander	4,109	7	512	117	566	114	510	114
Black or African American	9,170	16	438	94	429	93	429	87
Mexican or Mexican American	387	1	508	99	510	99	491	96
Puerto Rican	431	1	494	102	479	105	478	97
Other Hispanic, Latino, or Latin American	1,594	3	483	105	485	104	470	103
White	34,090	61	533	100	532	100	521	98
Other	1,850	3	510	111	507	106	497	106
No Response*	4,402	8	515	126	509	121	499	118
Total	56,336	100	512	109	513	110	500	105

Table 10: Male Mean Scores by Ethnicity

SAT Reasoning Test 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	133	0	497	110	500	107	464	112
Asian, Asian American, or Pacific Islander	2,046	4	515	114	582	113	504	111
Black or African American	3,954	7	435	95	438	97	418	88
Mexican or Mexican American	177	0	503	105	525	104	476	102
Puerto Rican	178	0	500	101	500	103	468	98
Other Hispanic, Latino, or Latin American	679	1	485	105	502	105	462	105
White	15,937	28	533	100	550	101	512	99
Other	793	1	512	115	530	112	495	107
No Response*	2,286	4	509	125	516	125	484	116
Total	26,183	46	512	109	530	113	492	106

Table 11: Female Mean Scores by Ethnicity

SAT Reasoning Test 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	170	0	513	98	489	97	505	95
Asian, Asian American, or Pacific Islander	2,063	4	509	120	549	113	515	116
Black or African American	5,216	9	440	94	422	88	437	86
Mexican or Mexican American	210	0	512	93	498	92	504	89
Puerto Rican	253	0	490	103	465	104	486	95
Other Hispanic, Latino, or Latin American	915	2	481	106	472	102	476	102
White	18,153	32	533	100	517	96	529	97
Other	1,057	2	508	108	490	99	499	105
No Response*	2,116	4	522	126	501	116	515	118
Total	30,153	54	511	109	499	105	508	104

\*No Response\* indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## Demographic Information

### SAT Reasoning Test: 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 Reasoning Test	Test-Takers		Critical Reading		Mathematics		Writing	
	Number	Pct	Mean	SD	Mean	SD	Mean	SD
All Test-Takers	56,336	100	512	109	513	110	500	105
<b>First Language Learned</b>								
English	45,674	85	517	107	514	107	505	104
English and Another	5,200	10	498	109	511	112	491	106
Another Language	2,912	5	476	117	532	123	476	114
No Response*	2,550							
<b>Citizenship</b>								
U.S. Citizen / U.S. National	49,441	96	516	107	515	108	504	104
U.S. Permanent Resident or Refugee	1,561	3	459	113	514	122	459	111
Citizen of Another Country	725	1	469	113	553	125	478	110
Other, Unknown, or No Response*	4,609							
<b>Disabling Condition</b>								
Yes	3,975	7	491	112	489	111	475	107
Unknown or No Response*	52,361							
<b>Plans to Apply for Financial Aid</b>								
Yes	34,541	68	506	109	504	109	494	105
No	4,514	9	536	102	544	104	528	100
Don't Know	11,778	23	524	106	531	106	513	103
<b>Family Income</b>								
Less than \$10,000	887	2	429	97	435	112	424	94
\$10,000–\$20,000	1,849	5	441	98	447	104	434	91
\$20,000–\$30,000	2,428	6	462	104	465	107	452	97
\$30,000–\$40,000	3,235	9	478	100	477	101	466	97
\$40,000–\$50,000	2,896	8	489	98	488	100	478	98
\$50,000–\$60,000	3,234	9	496	99	496	100	484	94
\$60,000–\$70,000	3,138	8	504	100	503	99	488	96
\$70,000–\$80,000	3,525	9	510	99	510	99	500	96
\$80,000–\$100,000	5,576	15	525	102	524	100	513	97
More than \$100,000	10,786	29	553	102	558	103	542	101
No Response*	18,782							
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,134	2	424	94	443	105	420	88
High School Diploma	15,280	30	469	96	470	99	458	91
Associate Degree	4,142	8	482	94	482	94	471	92
Bachelor's Degree	15,659	30	523	100	525	102	512	98
Graduate Degree	15,146	29	564	106	563	105	553	103
<b>Took the PSAT/NMSQT®</b>								
Yes, As a Junior	12,104	25	496	102	495	102	486	98
Yes, As a Sophomore or Younger	8,929	19	512	105	514	106	499	100
Yes, As a Junior and As a Sophomore or Younger	18,496	39	547	105	551	104	537	103
No	8,217	17	464	101	460	102	448	93

\*No Response\* indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## Academic Information

### Academic Record

Table 13: High School Rank

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Top Tenth	7,254	29	41	59	589	596	583
Second Tenth	6,033	24	44	56	524	531	515
Second Fifth	5,222	21	48	52	487	491	477
Final Three Fifths	6,660	26	50	50	444	438	432
No Response*	31,167						

Table 14: High School Grade Point Average

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
A+ (97–100)	3,150	6	36	64	616	621	611
A (93–96)	8,466	16	37	63	574	580	568
A- (90–92)	8,387	16	43	57	546	553	536
B (80–89)	24,059	46	47	53	494	495	482
C (70–79)	7,829	15	58	42	434	430	420
D, E, or F (below 70)	225	0	61	39	407	387	387
No Response*	4,220						
<b>Mean Grade Point Average</b>	<b>All Students: 3.25</b>		<b>Male: 3.15</b>		<b>Female: 3.33</b>		

Table 15: Average Years of Study in Six Academic Subjects

SAT Reasoning Test	Average Years of Study			Grade Point Average: Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.9	2.2	2.0	3.71	3.85	3.79
English	3.9	3.9	3.9	3.13	3.37	3.26
Foreign and Classical Languages	3.1	3.3	3.2	2.97	3.23	3.11
Mathematics	4.0	4.0	4.0	3.06	3.09	3.07
Natural Sciences	3.8	3.8	3.8	3.19	3.24	3.22
Social Sciences and History	3.8	3.8	3.8	3.30	3.33	3.32
<b>Total for All Subjects</b>	<b>20.5</b>	<b>21.0</b>	<b>20.7</b>			

Table 16: Total Years of Study in Combined Six Academic Subjects

Total years of study is calculated by combining the number of years that students studied each of the following subjects during high school: Arts and Music, English, Foreign and Classical Languages, Mathematics, Natural Sciences, and Social Sciences and History. 'Incomplete Response' denotes the number of test-takers who did not respond to all six subjects.

SAT Reasoning Test	Test-Takers		Percent by Gender		Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
20 or More Years	30,261	70	43	57	539	541	529
19 or 19.5 Years	4,167	10	52	48	482	485	469
18 or 18.5 Years	2,547	6	47	53	471	466	459
17 or 17.5 Years	1,836	4	47	53	457	452	445
16 or 16.5 Years	1,517	3	50	50	449	445	438
15 or 15.5 Years	1,236	3	49	51	440	434	430
Less than 15 Years	1,871	4	51	49	437	438	422
Incomplete Response	12,901						

\*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## Academic Information

### Course-Taking Patterns

Table 17: English, Mathematics

<b>English</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>		
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,475	5	42	58	519	515	509
4 Years	38,458	81	46	54	519	520	507
3 Years	5,312	11	45	55	474	473	465
2 Years	764	2	48	52	478	487	467
1 Year	162	0	51	49	474	493	453
1/2 Year or Less	145	0	49	51	459	460	454
No Response*	9,020						
<b>Course Work or Experience</b>							
American Literature	38,899	90	45	55	522	520	510
Grammar	31,504	73	44	56	521	518	509
Composition	28,339	66	45	55	533	528	521
Literature, Historical Periods	22,039	51	43	57	541	534	527
British Literature	17,598	41	44	56	542	533	528
Speaking and Listening	14,937	35	43	57	523	519	512
Literature, Other Country	9,928	23	43	57	553	544	539
English As Second Language	1,585	4	48	52	431	492	430
AP®/Honors Courses	19,458	41	38	62	569	562	558
<b>Mathematics</b>							
<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	9,179	19	48	52	558	585	549
4 Years	29,172	62	45	55	515	512	503
3 Years	7,953	17	44	56	463	447	451
2 Years	862	2	48	52	450	436	433
1 Year	129	0	51	49	458	460	435
1/2 Year or Less	139	0	45	55	469	457	458
No Response*	8,902						
<b>Course Work or Experience</b>							
Algebra	46,794	99	45	55	512	513	501
Geometry	46,403	98	45	55	513	514	502
Trigonometry	25,731	54	46	54	540	549	529
Precalculus	19,659	41	47	53	560	576	551
Calculus	12,843	27	50	50	579	606	571
Other Math Courses	12,836	27	43	57	519	520	507
Computer Math	4,341	9	60	40	515	527	500
AP/Honors Courses	14,167	30	46	54	579	598	569

\*No Response\* indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## Academic Information

### Course-Taking Patterns

Table 18: Natural Sciences, Social Sciences and History

Natural Sciences	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	4,348	9	45	55	552	568	542	
4 Years	31,166	66	45	55	524	526	513	
3 Years	9,310	20	46	54	469	463	458	
2 Years	1,604	3	50	50	475	468	461	
1 Year	376	1	49	51	463	460	445	
1/2 Year or Less	328	1	43	57	456	451	444	
No Response*	9,204							
<b>Course Work or Experience</b>								
Biology	46,695	99	45	55	513	513	502	
Chemistry	41,588	88	45	55	523	526	512	
Physics	24,508	52	50	50	543	555	532	
Geology, Earth, or Space Science	32,917	70	45	55	504	501	492	
Other Sciences	15,440	33	40	60	503	500	493	
AP/Honors Courses	14,669	31	44	56	576	584	565	

  

Social Sciences and History	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores			
	Years of Study	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	3,982	8	45	55	548	547	536	
4 Years	34,105	72	45	55	519	521	507	
3 Years	7,489	16	45	55	478	477	469	
2 Years	1,260	3	48	52	468	474	458	
1 Year	236	0	50	50	463	467	440	
1/2 Year or Less	192	0	46	54	456	460	446	
No Response*	9,072							
<b>Course Work or Experience</b>								
U.S. History	46,002	97	45	55	512	513	501	
World History or Cultures	40,795	86	45	55	515	516	504	
U.S. Government or Civics	39,106	82	45	55	514	514	502	
Economics	4,283	9	50	50	517	517	505	
Geography	19,101	40	44	56	492	493	482	
Psychology	9,879	21	33	67	534	526	524	
European History	8,214	17	47	53	554	549	540	
Sociology	4,917	10	34	66	516	505	505	
Ancient History	6,310	13	49	51	533	530	518	
Anthropology	772	2	42	58	544	540	530	
Other Courses	6,308	13	45	55	519	514	507	
AP/Honors Courses	18,263	39	42	58	573	569	560	

\*No Response\* indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## Academic Information

### Course-Taking Patterns

Table 19: Foreign and Classical Languages

Foreign and Classical Languages Years of Study	Test-Takers		Percent by Gender		SAT Reasoning Test Mean Scores		
	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	5,379	11	36	64	584	586	577
4 Years	13,648	29	43	57	551	551	541
3 Years	19,566	42	46	54	500	503	488
2 Years	4,805	10	51	49	462	457	447
1 Year	1,756	4	55	45	432	423	414
1/2 Year or Less	1,946	4	57	43	408	413	392
No Response*	9,236						
<b>Course Work or Experience</b>							
Chinese	373	1	51	49	540	602	538
French	10,204	22	37	63	535	527	523
German	3,149	7	58	42	541	538	519
Greek	167	0	44	56	572	550	557
Hebrew	157	0	39	61	546	550	551
Italian	288	1	40	60	548	537	542
Japanese	778	2	54	46	553	568	533
Korean	337	1	47	53	487	594	492
Latin	6,983	15	46	54	552	550	537
Russian	339	1	44	56	548	549	537
Spanish	32,713	69	45	55	507	508	497
Other Languages	1,771	4	37	63	479	488	471
AP/Honors Courses	7,775	17	38	62	595	594	588

\*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## Academic Information

### Course-Taking Patterns

Table 20: Arts and Music, Computers

<b>Arts and Music</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
	<b>Years of Study</b>	Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
More Than 4 Years	2,621	6	38	62	528	523	518	
4 Years	9,074	20	39	61	544	538	534	
3 Years	5,420	12	40	60	513	509	502	
2 Years	7,919	18	43	57	513	511	500	
1 Year	9,594	21	48	52	513	518	502	
1/2 Year or Less	10,374	23	52	48	488	495	477	
No Response*	11,334							
<b>Course Work or Experience</b>								
Acting or Play Production	7,116	18	34	66	547	523	533	
Art History or Appreciation	6,863	17	41	59	520	512	508	
Dance	3,325	8	12	88	508	493	505	
Drama: Study or Appreciation	5,914	15	32	68	534	512	521	
Music: Study or Appreciation	5,181	13	44	56	541	530	530	
Music Performance	14,714	37	40	60	532	529	523	
Photography or Film	7,828	20	34	66	529	522	519	
Studio Art and Design	7,508	19	39	61	530	526	519	
None	9,421	24	56	44	485	495	474	
AP/Honors Courses	3,593	8	37	63	580	570	570	
<b>Computers</b>								
<b>Course Work or Experience</b>	<b>Test-Takers</b>		<b>Percent by Gender</b>		<b>SAT Reasoning Test Mean Scores</b>			
		Number	Pct	Male	Female	Critical Reading	Mathematics	Writing
Computer Literacy	27,365	62	46	54	515	516	504	
Computer Programming	8,283	19	59	41	519	534	506	
Word Processing	29,996	68	45	55	515	514	503	
Internet Activity	22,894	52	45	55	520	520	508	
Using Computer Graphics	14,523	33	52	48	519	526	507	
Creating Spreadsheets/Databases	16,827	38	47	53	521	526	510	
None	6,709	15	38	62	521	518	513	

\*No Response\* indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

## SAT Subject Tests™ Data

Table 21: 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 Reasoning Test			
Number of Test-Takers	Number of Tests	Number of Test-Takers	Critical Reading Mean	Mathematics Mean	Writing Mean
9,480	23,882	9,225	620	627	613

  

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	746	8
2	4,032	43
3	3,937	42
4 or More	765	8

Table 22: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

Most, but not all, students who take the SAT Subject Tests also take the SAT Reasoning Test. This table provides a side-by-side presentation of the two scores for those students who took both tests.

	SAT Subject Test			SAT Reasoning Test						
	N	Mean	SD	N	Critical Reading Mean	SD	Mathematics Mean	SD	Writing Mean	SD
<b>English</b>										
Writing*	755	615	103	750	632	98	649	91	642	106
Literature	3,361	612	104	3,207	632	97	599	90	618	92
<b>History and Social Studies</b>										
U.S. History	5,127	632	100	4,982	633	93	624	92	620	92
World History	368	591	112	343	625	107	595	102	595	100
<b>Mathematics</b>										
Mathematics Level 1	4,576	595	90	4,412	601	95	611	84	595	91
Mathematics Level 2	3,629	663	90	3,579	640	96	679	77	635	90
<b>Science</b>										
Biology-E	679	602	97	657	612	97	612	96	600	96
Biology-M	793	653	94	780	644	92	652	86	636	88
Chemistry	1,339	636	105	1,316	631	101	673	87	626	94
Physics	880	652	93	873	637	99	698	75	630	92
<b>Foreign and Classical Languages</b>										
Chinese/Listening	82	766	62	81	576	136	682	79	581	132
French	535	605	104	529	654	87	638	82	653	80
French/Listening	146	615	101	145	647	92	623	80	647	89
German	39	605	119	39	648	103	626	88	620	92
German/Listening	57	594	105	57	663	89	640	87	642	80
Modern Hebrew	2			2						
Italian	9	724		9	647		649		626	
Japanese/Listening	32	623	140	32	608	122	664	77	601	103
Korean/Listening	104	778	39	102	507	107	664	78	551	101
Latin	212	620	105	212	674	79	669	78	667	80
Spanish	952	613	114	943	636	89	634	84	637	82
Spanish/Listening	205	619	104	203	624	90	617	78	625	85

\*After the January 2005 administration, the SAT Subject Test in Writing was no longer administered because the SAT Reasoning Test now includes the writing section; 2006 is the last year for which scores for the SAT Subject Test in Writing are reported.

NOTE: The ELPT (English Language Proficiency Test) was last administered in January 2005. Please consult the 2005 College-Bound Seniors Reports for data on ELPT.

## SAT Subject Tests Score Distributions

Table 23: English, History and Social Studies

SAT Subject Tests	English				History and Social Studies			
	Writing		Literature		U.S. History		World History	
	N	Pct	N	Pct	N	Pct	N	Pct
750–800	85	11	289	9	692	13	35	10
700–749	114	15	500	15	860	17	36	10
650–699	111	15	659	20	942	18	54	15
600–649	121	16	593	18	915	18	57	15
550–599	127	17	462	14	706	14	61	17
500–549	99	13	364	11	467	9	41	11
450–499	54	7	216	6	301	6	47	13
400–449	30	4	184	5	179	3	23	6
350–399	14	2	76	2	50	1	13	4
300–349			18	1	15	0	1	0
250–299								
200–249								
Total	755		3,361		5,127		368	
Mean	615		612		632		591	
SD	103		104		100		112	
75th percentile	700		690		710		680	
50th percentile	610		630		640		590	
25th percentile	540		540		570		500	

Table 24: 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	99	2	818	23	43	6	142	18	240	18	165	19
700–749	521	11	538	15	78	11	147	19	214	16	134	15
650–699	835	18	687	19	114	17	151	19	224	17	182	21
600–649	1,033	23	759	21	145	21	144	18	200	15	162	18
550–599	834	18	504	14	122	18	116	15	166	12	125	14
500–549	625	14	211	6	69	10	48	6	132	10	62	7
450–499	320	7	65	2	61	9	24	3	101	8	37	4
400–449	182	4	30	1	35	5	7	1	53	4	10	1
350–399	106	2	14	0	9	1	13	2	9	1	3	0
300–349	19	0	3	0	3	0	1	0				
250–299	2	0										
200–249												
Total	4,576		3,629		679		793		1,339		880	
Mean	595		663		602		653		636		652	
SD	90		90		97		94		105		93	
75th percentile	660		740		670		730		720		720	
50th percentile	600		660		610		660		650		660	
25th percentile	540		600		540		590		560		590	

## SAT Subject Tests Score Distributions

Table 25: 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	64	78	56	10	15	10	3	8	3	5	1	50
700–749	9	11	63	12	19	13	4	10	8	14		
650–699	7	9	76	14	24	16	10	26	7	12		
600–649	1	1	92	17	31	21	6	15	10	18		
550–599			83	16	22	15	5	13	11	19		
500–549			75	14	13	9	3	8	8	14		
450–499			61	11	14	10	3	8	5	9	1	50
400–449			25	5	6	4	3	8	3	5		
350–399	1	1	4	1	2	1	1	3	2	4		
300–349							1	3				
250–299												
200–249												
Total	82		535		146		39		57		2	
Mean	766		605		615		605		594			
SD	62		104		101		119		105			
75th percentile	800		690		680		690		660			
50th percentile	790		600		620		620		590			
25th percentile	750		520		550		500		520			

Table 26: 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	4	44	10	31	95	91	35	17	137	14	28	14
700–749	2	22	3	9	4	4	21	10	131	14	30	15
650–699	2	22	1	3	3	3	31	15	130	14	21	10
600–649			5	16	1	1	28	13	136	14	42	20
550–599			1	3			39	18	135	14	30	15
500–549	1	11	4	13	1	1	34	16	124	13	28	14
450–499			3	9			16	8	79	8	17	8
400–449			4	13			7	3	50	5	7	3
350–399			1	3			1	0	22	2	1	0
300–349									6	1	1	0
250–299									2	0		
200–249												
Total	9		32		104		212		952		205	
Mean	724		623		778		620		613		619	
SD			140		39		105		114		104	
75th percentile			770		800		700		710		700	
50th percentile			620		790		610		620		620	
25th percentile			490		780		530		530		540	

## College Plans

Table 27: Intended College Major, Degree-Level Goal, Plans for Advanced Standing

SAT Reasoning Test Intended College Major	Test-Takers		Mean Scores		
	Number	Pct	Critical Reading	Mathematics	Writing
Agriculture or Natural Resources	386	1	491	494	477
Architecture or Environmental Design	1,316	4	503	533	496
Arts: Visual and Performing	3,592	10	521	500	509
Biological Sciences	2,289	6	546	545	534
Business and Commerce	5,170	14	488	499	479
Communications	1,458	4	528	503	520
Computer or Information Sciences	1,959	5	506	525	482
Education	2,823	8	489	479	485
Engineering and Engineering Technologies	3,228	9	526	572	509
Foreign or Classical Languages	314	1	597	559	582
General or Interdisciplinary Studies	237	1	528	513	517
Health and Allied Services	5,959	16	486	490	483
Home Economics	141	0	476	456	464
Language and Literature	706	2	606	538	587
Library and Archival Sciences	19	0	601	525	559
Mathematics	315	1	545	613	542
Military Sciences	314	1	521	520	495
Philosophy, Religion, or Theology	305	1	556	534	535
Physical Sciences	598	2	554	572	537
Public Affairs and Services	1,090	3	472	462	461
Social Sciences and History	3,780	10	541	512	523
Technical and Vocational	382	1	443	449	425
Undecided	1,082	3	517	527	504
<b>Degree-Level Goal</b>					
Certificate Program	443	1	446	459	438
Associate Degree	509	1	419	419	415
Bachelor's Degree	14,169	28	484	484	473
Master's Degree	14,623	29	522	524	511
Doctoral or Related Degree	8,878	18	544	545	533
Other	230	0	454	449	442
Undecided	11,867	23	523	523	511
<b>Plans for Advanced Standing in College Courses</b>					
Art	1,890	4	524	515	515
Biology	5,518	13	566	568	556
Chemistry	3,784	9	571	596	561
Computer Science	1,694	4	548	579	533
English	13,455	32	577	565	566
Foreign Languages	6,798	16	583	580	577
Humanities	1,699	4	604	583	589
Mathematics	11,221	26	569	599	561
Music	1,556	4	516	517	510
Physics	3,251	8	582	619	573
Social Studies	14,306	34	575	570	561
None of These	17,197	40	469	466	457

## College Plans

**Table 28: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 56,591 students from your state who participated in the SAT Program, 44,021 designated that their SAT 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 2,583 institutions received score reports from your students.

Institution	State	Type	Number of Students	Percent of Score Senders*
JAMES MADISON UNIVERSITY	VA	Public	14,918	33.9
VIRGINIA POLYTECH INSTITUTE STATE UNIVER	VA	Public	13,750	31.2
UNIVERSITY OF VIRGINIA	VA	Public	13,255	30.1
VIRGINIA COMMONWEALTH UNIVERSITY	VA	Public	10,536	23.9
GEORGE MASON UNIVERSITY	VA	Public	9,958	22.6
OLD DOMINION UNIVERSITY	VA	Public	8,354	19.0
CHRISTOPHER NEWPORT UNIVERSITY	VA	Public	7,274	16.5
COLLEGE OF WILLIAM AND MARY	VA	Public	6,968	15.8
RADFORD UNIVERSITY	VA	Public	6,453	14.7
LONGWOOD UNIVERSITY	VA	Public	4,702	10.7
UNIVERSITY OF MARY WASHINGTON	VA	Public	4,182	9.5
HAMPTON UNIVERSITY	VA	Private	2,563	5.8
VIRGINIA STATE UNIVERSITY	VA	Public	2,476	5.6
NORFOLK STATE UNIVERSITY	VA	Public	2,415	5.5
UNIVERSITY OF RICHMOND	VA	Private	1,918	4.4
UNIVERSITY OF NORTH CAROLINA CHAPEL HILL	NC	Public	1,837	4.2
LIBERTY UNIVERSITY	VA	Private	1,701	3.9
DUKE UNIVERSITY	NC	Private	1,592	3.6
PENNSYLVANIA STATE UNIVERSITY UNIVERSITY	PA	Public	1,427	3.2
NORTH CAROLINA STATE UNIVERSITY RALEIGH	NC	Public	1,426	3.2
LYNCHBURG COLLEGE	VA	Private	1,418	3.2
BRIDGEWATER COLLEGE	VA	Private	1,379	3.1
WEST VIRGINIA UNIVERSITY MORGANTOWN	WV	Public	1,351	3.1
NCAA INITIAL ELIG CLEARINGHSE	IA	Scholarship	1,286	2.9
UNIVERSITY OF MARYLAND COLLEGE PARK	MD	Public	1,276	2.9
ROANOKE COLLEGE	VA	Private	1,240	2.8
EAST CAROLINA UNIVERSITY	NC	Public	1,173	2.7
NEW YORK UNIVERSITY	NY	Private	1,168	2.7
UNIVERSITY OF VIRGINIA'S COLLEGE AT WISE	VA	Public	1,123	2.6
GEORGETOWN UNIVERSITY	DC	Private	1,117	2.5
ELON UNIVERSITY	NC	Private	1,091	2.5
RANDOLPH-MACON COLLEGE	VA	Private	1,081	2.5
WASHINGTON AND LEE UNIVERSITY	VA	Private	1,046	2.4
CLEMSON UNIVERSITY	SC	Public	1,019	2.3
FERRUM COLLEGE	VA	Private	995	2.3
GEORGE WASHINGTON UNIVERSITY	DC	Private	967	2.2
HOWARD UNIVERSITY	DC	Private	966	2.2
PRINCETON UNIVERSITY	NJ	Private	954	2.2
MARYMOUNT UNIVERSITY	VA	Private	950	2.2
UNIVERSITY OF SOUTH CAROLINA COLUMBIA	SC	Public	945	2.1
SHENANDOAH UNIVERSITY	VA	Private	938	2.1
VIRGINIA MILITARY INSTITUTE	VA	Public	917	2.1
WAKE FOREST UNIVERSITY	NC	Private	907	2.1
CORNELL UNIVERSITY	NY	Private	898	2.0
VIRGINIA UNION UNIVERSITY	VA	Private	889	2.0

\*Of your students who designated that their SAT Program 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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