



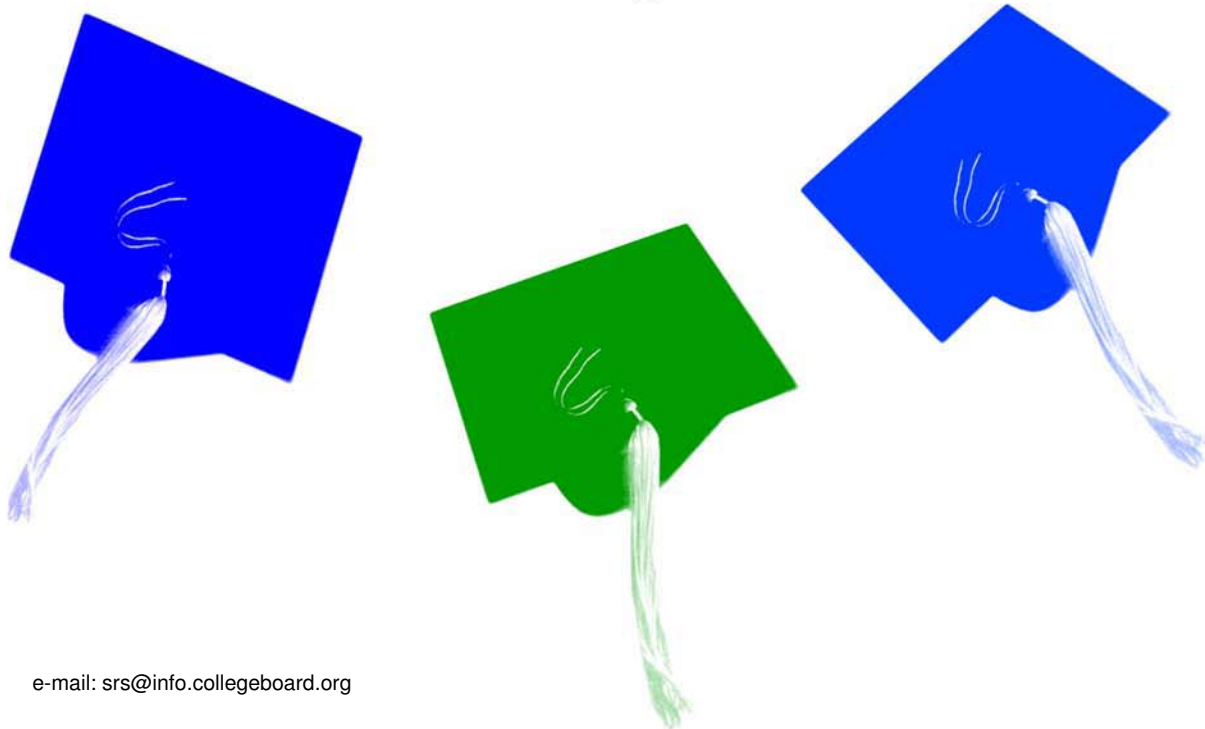
Summary Reporting Service (SRS)

TOTAL GROUP REPORT

2002

# College- Bound Seniors

**A Profile of SAT® Program Test Takers**



e-mail: [srs@info.collegeboard.org](mailto:srs@info.collegeboard.org)

# The SAT® Program

The SAT® I: Reasoning Test and the SAT II: Subject Tests, the primary components of the SAT Program, are designed to assess many of the skills that are important to students' success in college. Because the subject matter of high school courses as well as grading standards vary widely, the tests have been developed to provide a common standard against which students can be compared. Most students also complete the optional Student Descriptive Questionnaire (SDQ) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores.

## Using This Report

This *Profile of College-Bound Seniors* presents data for high school graduates in the year 2002 who participated in the SAT Program during their high school years. Students are counted once no matter how often they tested, and only their latest scores and most recent SDQ responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound seniors population is relatively stable from year to year, SDQ 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 I and in schoolwork.
- not all students in a high school, school district, or state take the SAT I. Since the population of test-takers is self-selected, using aggregate SAT I 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 I scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT I 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 I mean scores reported for students will be higher than the national average.

# Statistical Definitions<sup>1</sup>

- **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 scale 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 SD is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

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<sup>1</sup>For more statistical definitions, visit the College Board Web site at <http://www.collegeboard.com/sat/cbsenior/html/define.html>.

**Table A. Total Group Mean SAT/SAT I Scores  
for College-Bound Seniors, 1972-2002\*  
(Recentered Scale)**

Year	Verbal			Math		
	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

\* 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 2000-2002, all scores are reported on the recentered scale

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# Table 1

## 2002 Profile of College-Bound Seniors

### TOTAL GROUP

#### Points to Note for this Report

- This report summarizes information for seniors who took the SAT I: Reasoning Test and/or SAT II: Subject Tests any time during their high school years through March 2002. If a student took a test more than once, the most recent score is used. Students are counted once no matter how often they tested.
- Mean scores are reported when there are 5 or more test takers.
- Standard deviations are reported when there are 25 or more test takers.
- Percentiles (75th, 50th, and 25th) are reported when there are 20 or more test takers.
- "No response" indicates that students skipped that question when they completed their Student Descriptive Questionnaire (SDQ).
- The most recent responses to the SDQ are summarized.

#### Students Who Registered for the SAT I: Reasoning Test or an SAT II: Subject Test

	Students Who Registered for the SAT I: Reasoning Test or an SAT II: Subject Test			SAT I Mean Scores	
	Male	Female	Total	Verbal	Math
Total Number of Students	662,137	763,752	1,425,889		
Students with at Least One Student Descriptive Questionnaire (SDQ) Response	624,683	731,503	1,356,186		
Percent with at Least One SDQ Response	94	96	95		

#### SAT Program Test Takers

SAT Program Test Takers					
All Students with Either SAT I or SAT II Scores					
	Male	Female	Total	Verbal	Math
Students with SAT I Scores	616,201	711,630	1,327,831	504	516
Students with SAT II Scores	119,204	140,598	259,802		
Students with Both SAT I and SAT II Scores	114,254	135,380	249,634	593	617

#### Year in Which Seniors Last took SAT I

	Male	Female	Total	Verbal	Math
Senior	429,858	518,805	948,663	495	506
Junior	181,358	188,201	369,559	528	540
Sophomore	4,428	4,208	8,636	506	527
Freshman	557	416	973	499	518



Summary Reporting Service (SRS)

# Table 2

## 2002 Profile of College-Bound Seniors

### Academic Record

#### TOTAL GROUP

High School Rank	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Top Tenth	205,526	26	42	58	585	607
Second Tenth	181,874	23	45	55	522	539
Second Fifth	193,744	25	47	53	485	495
Third Fifth	170,490	22	45	55	448	449
Fourth Fifth	29,261	4	49	51	419	416
Fifth Fifth	6,779	1	50	50	405	404
No Response	540,157					

High School Grade Point Average	Number	Percent	Male	Female	Verbal	Math
A+ (97-100)	74,538	7	41	59	607	626
A (93-96)	188,151	17	38	62	565	582
A- (90-92)	186,021	17	41	59	538	553
B (80-89)	505,614	47	47	53	479	486
C (70-79)	119,962	11	57	43	424	424
D, E, or F (Below 70)	3,734	0	61	39	404	409
No Response	249,811					

Mean Grade Point Average: All Students 3.29

#### \* Years of Study in Six Academic Subjects

Years of Study	Number	Percent	Male	Female	Verbal	Math
20 or More Years	481,007	52	40	60	543	553
19 or 19½ Years	103,608	11	46	54	497	506
18 or 18½ Years	91,987	10	47	53	482	491
17 or 17½ Years	72,975	8	47	53	470	478
16 or 16½ Years	56,488	6	49	51	463	472
15 or 15½ Years	42,668	5	51	49	458	468
Less Than 15 Years	70,278	8	53	47	441	457
No Response	408,820					

Academic Subject	Average Years of Study			Grade Point Average: For Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.8	2.2	2.0	3.65	3.79	3.73
English	3.8	3.9	3.9	3.14	3.36	3.26
* Foreign and Classical Languages	2.7	2.9	2.8	3.11	3.34	3.24
* Mathematics	3.9	3.8	3.8	3.09	3.08	3.08
* Natural Sciences	3.4	3.4	3.4	3.18	3.22	3.21
* Social Sciences and History	3.5	3.6	3.6	3.32	3.37	3.35
* Total for All Subjects	19.1	19.8	19.5	Mean Grade Point Average: All Students		
				Male	Female	Total
				3.21	3.36	3.29

\* These data may be slightly inflated due to differences in the way web and paper registrants responded to the SDQ.

# Table 3-1

## 2002 Profile of College-Bound Seniors Course-Taking Patterns TOTAL GROUP

<b>English</b>	<b>SAT I Test Takers</b>		<b>Percent</b>		<b>SAT I Mean Scores</b>	
	<b>Number</b>	<b>Percent</b>	<b>Male</b>	<b>Female</b>	<b>Verbal</b>	<b>Math</b>
<b>Years of Study</b>						
More Than 4 Years	89,593	9	44	56	526	545
4 Years	754,252	73	44	56	507	515
3 Years	173,373	17	49	51	487	499
2 Years	18,073	2	53	47	498	530
1 Year	2,515	0	54	46	470	509
One-half Year or Less	1,605	0	50	50	432	461
No Response	288,420					
<b>Course Work or Experience</b>						
American Literature	785,530	81	44	56	516	521
Grammar	689,168	71	43	57	517	524
Composition	651,482	67	43	57	525	531
Literature Historical Periods	447,167	46	41	59	538	539
British Literature	378,166	39	43	57	537	538
Speaking and Listening	371,556	38	43	57	520	528
Literature Other Country	205,501	21	42	58	543	548
English as a Second Language	51,097	5	44	56	427	509
<b>Honors Course Taken</b>	381,996	37	38	62	565	566

### Mathematics

<b>Years of Study</b>	<b>Number</b>	<b>Percent</b>	<b>Male</b>	<b>Female</b>	<b>Verbal</b>	<b>Math</b>
* More Than 4 Years	208,324	20	50	50	554	588
* 4 Years	522,041	50	44	56	506	514
3 Years	270,978	26	43	57	475	471
2 Years	34,286	3	45	55	464	460
1 Year	3,797	0	50	50	457	468
One-half Year or Less	2,003	0	48	52	448	470
No Response	286,402					
<b>Course Work</b>						
Algebra	1,018,571	96	45	55	505	514
Geometry	993,206	93	45	55	507	517
Trigonometry	485,297	46	46	54	531	551
Precalculus	479,608	45	46	54	546	571
Other Math Courses	281,510	26	43	57	496	505
Calculus	265,644	25	50	50	571	609
Computer Math	80,623	8	61	39	520	551
<b>Honors Course Taken</b>	324,133	31	45	55	568	595

\* These data may be slightly inflated due to differences in the way web and paper registrants responded to the SDQ.

# Table 3-2

## 2002 Profile of College-Bound Seniors Course-Taking Patterns (Continued) TOTAL GROUP

Natural Sciences	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
<b>Years of Study</b>						
* More Than 4 Years	98,476	10	48	52	555	586
* 4 Years	394,249	38	45	55	523	533
3 Years	401,149	39	44	56	493	498
2 Years	105,834	10	46	54	474	481
1 Year	20,332	2	47	53	447	459
One-half Year or Less	9,792	1	41	59	413	431
No Response	297,999					
<b>Course Work</b>						
Biology	1,027,753	96	45	55	506	515
Chemistry	917,265	86	44	56	514	526
Physics	522,329	49	49	51	534	556
Geology, Earth Science, or Space Science	457,598	43	45	55	498	503
Other Sciences	394,527	37	40	60	498	503
<b>Honors Course Taken</b>	322,412	31	43	57	568	583

### Social Sciences and History

<b>Years of Study</b>						
* More Than 4 Years	130,740	13	43	57	545	555
* 4 Years	455,000	44	44	56	510	515
3 Years	343,601	33	45	55	494	507
2 Years	85,153	8	50	50	485	507
1 Year	14,379	1	49	51	465	493
One-half Year or Less	6,808	1	46	54	432	465
No Response	292,150					
<b>Course Work</b>						
U.S. History	1,006,958	95	45	55	505	513
World History or Cultures	874,567	82	45	55	507	517
U.S. Government or Civics	692,917	65	43	57	506	512
Economics	477,524	45	43	57	503	515
Geography	361,791	34	44	56	494	506
Psychology	269,291	25	33	67	519	518
European History	217,546	20	47	53	543	550
Other Courses	158,182	15	43	57	518	527
Sociology	136,365	13	36	64	506	506
Ancient History	113,843	11	49	51	523	535
Anthropology	19,184	2	44	56	514	524
<b>Honors Course Taken</b>	333,972	32	42	58	567	571

\* These data may be slightly inflated due to differences in the way web and paper registrants responded to the SDQ.



# Table 3-3

## 2002 Profile of College-Bound Seniors Course-Taking Patterns (Continued)

### TOTAL GROUP

Foreign and Classical Languages	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
<b>Years of Study</b>						
* More Than 4 Years	83,527	8	39	61	566	587
* 4 Years	202,879	20	39	61	553	561
3 Years	323,284	31	44	56	516	525
2 Years	333,643	32	48	52	477	485
1 Year	53,214	5	52	48	441	448
One-half Year or Less	41,498	4	56	44	417	437
No Response	289,786					
<b>Course Work</b>						
Chinese	17,125	2	47	53	511	613
French	233,854	22	38	62	523	527
German	59,715	6	52	48	535	544
Greek	4,180	0	48	52	547	549
Hebrew	8,344	1	45	55	563	571
Italian	18,985	2	43	57	497	502
Japanese	18,432	2	48	52	517	557
Korean	3,672	0	46	54	488	586
Latin	78,185	7	46	54	557	558
Russian	7,649	1	45	55	506	535
Spanish	718,491	67	45	55	500	508
Other Languages	33,064	3	41	59	474	513
<b>Honors Course Taken</b>	209,634	20	38	62	569	580
<b>Arts and Music</b>						
<b>Years of Study</b>						
More Than 4 Years	82,151	8	36	64	538	541
4 Years	156,470	16	35	65	536	534
3 Years	118,596	12	37	63	513	516
2 Years	177,813	18	43	57	504	514
1 Year	273,148	27	49	51	495	510
One-half Year or Less	198,018	20	53	47	484	502
No Response	321,635					
<b>Course Work or Experience</b>						
Acting or Play Production	212,944	21	35	65	539	530
Art History or Appreciation	200,591	20	43	57	515	517
Dance	128,796	13	13	87	509	508
Drama: Study or Appreciation	154,317	16	33	67	531	522
Music: Study or Appreciation	161,833	16	43	57	537	537
Music Performance	389,934	39	38	62	530	535
Photography or Film	176,276	18	37	63	524	526
Studio Art and Design	231,132	23	41	59	522	528
None	174,920	18	57	43	473	494
<b>Honors Course Taken</b>	85,043	8	38	62	563	564
<b>Computer Course Work or Experience</b>						
Computer Literacy	700,670	69	44	56	514	523
Computer Programming	207,055	20	61	39	516	541
Word Processing	770,310	76	44	56	513	522
Internet Activity	600,382	59	45	55	519	529
Using Computer Graphics	312,046	31	52	48	520	532
Creating Spreadsheets/Databases	419,991	41	47	53	518	530
None	85,156	8	41	59	504	511

\* These data may be slightly inflated due to differences in the way web and paper registrants responded to the SDQ.

# Table 4-1

## 2002 Profile of College-Bound Seniors Background Information TOTAL GROUP

SAT I Test Takers Who Described Themselves as:	Number of			Percent	
	Males	Females	Total	Male	Female
American Indian or Alaskan Native	3,371	4,135	7,506	45	55
Asian, Asian American, or Pacific Islander	49,543	53,699	103,242	48	52
African American or Black	50,817	71,867	122,684	41	59
Hispanic or Latino Background:					
Mexican or Mexican American	20,209	28,046	48,255	42	58
Puerto Rican	5,999	8,274	14,273	42	58
Latin American, South American, Central American, or Other Hispanic or Latino	17,402	24,225	41,627	42	58
White	320,266	378,393	698,659	46	54
Other	16,707	22,260	38,967	43	57
No Response	131,887	120,731	252,618	52	48

SAT I Test Takers Who Described Themselves as:	Number of			Percent Responding		
	Males	Females	Total	Male	Female	Total
American Indian or Alaskan Native	3,371	4,135	7,506	1	1	1
Asian, Asian American, or Pacific Islander	49,543	53,699	103,242	10	9	10
African American or Black	50,817	71,867	122,684	10	12	11
Hispanic or Latino Background:						
Mexican or Mexican American	20,209	28,046	48,255	4	5	4
Puerto Rican	5,999	8,274	14,273	1	1	1
Latin American, South American, Central American, or Other Hispanic or Latino	17,402	24,225	41,627	4	4	4
White	320,266	378,393	698,659	66	64	65
Other	16,707	22,260	38,967	3	4	4
<b>Total</b>	<b>484,314</b>	<b>590,899</b>	<b>1,075,213</b>	<b>100</b>	<b>100</b>	<b>100</b>

SAT I Test Takers Who Described Themselves as:	SAT I Verbal						SAT I Math					
	Mean Scores			Standard Deviations			Mean Scores			Standard Deviations		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
American Indian or Alaskan Native	485	474	479	108	106	107	503	467	483	107	102	106
Asian, Asian American, or Pacific Islander	504	499	501	124	124	124	587	553	569	123	123	124
African American or Black	427	432	430	101	98	99	438	419	427	103	95	99
Hispanic or Latino Background:												
Mexican or Mexican American	453	441	446	102	99	101	478	442	457	103	96	101
Puerto Rican	461	452	455	105	102	103	472	436	451	108	98	104
Latin American, South American, Central American, or Other Hispanic or Latino	466	452	458	107	104	106	486	447	464	109	101	107
White	530	525	527	101	99	100	552	517	533	105	99	103
Other	505	500	502	119	116	117	537	496	514	118	112	116
No Response	501	502	501	118	118	118	528	502	516	119	116	118

# Table 4-2

## 2002 Profile of College-Bound Seniors Background Information (Continued) TOTAL GROUP

	SAT I Test Takers		Percent		SAT I Verbal		SAT I Math	
	Number	Percent	Male	Female	Mean Scores	Standard Deviations	Mean Scores	Standard Deviations
<b>All SAT I Test Takers</b>	1,327,831		46	54	504	111	516	114
<b>First Language Learned</b>								
English	845,352	81	45	55	515	106	517	110
English and Another Language	109,289	10	44	56	481	114	504	124
Another Language	92,753	9	44	56	453	120	515	130
No Response	280,437							
<b>Citizenship</b>								
U.S. Citizen or U.S. National	1,018,662	92	45	55	511	107	516	111
U.S. Permanent Resident or Refugee	42,757	4	43	57	441	121	497	128
Citizen of Another Country	43,878	4	52	48	484	121	572	125
Other, Unknown, or No Response	222,534							
<b>Disabling Condition</b>								
Yes	65,772	5	55	45	480	114	484	117
No Response or Unknown	1,262,059	95	46	54				
<b>SAT I Taken Under</b>								
Standard Conditions	1,298,336	98	46	54	505	111	517	114
Nonstandard Conditions	29,495	2	60	40	472	116	478	123
<b>Plans to Apply for Financial Aid</b>								
Yes	764,767	73	43	57	500	110	508	113
No	83,469	8	51	49	528	108	547	112
Don't Know	204,266	19	49	51	515	110	530	113
<b>Family Income</b>								
Less Than \$10,000	34,159	4	35	65	417	110	442	122
\$10,000 - \$20,000	66,418	8	38	62	435	106	453	110
\$20,000 - \$30,000	78,278	10	41	59	461	104	470	108
\$30,000 - \$40,000	90,955	11	42	58	480	103	485	106
\$40,000 - \$50,000	76,722	10	45	55	496	102	501	104
\$50,000 - \$60,000	79,346	10	46	54	505	101	509	104
\$60,000 - \$70,000	69,600	9	47	53	511	100	516	104
\$70,000 - \$80,000	66,446	8	48	52	517	101	524	105
\$80,000 - \$100,000	90,634	11	49	51	530	100	538	105
More Than \$100,000	149,004	19	51	49	555	101	568	105
No Response	526,269							
<b>Highest Level of Parental Education</b>								
No High School Diploma	46,507	5	38	62	409	99	441	111
High School Diploma	326,593	32	41	59	469	99	476	103
Associate's Degree	86,550	9	44	56	486	97	492	101
Bachelor's Degree	285,780	28	47	53	523	102	533	106
Graduate Degree	260,677	26	49	51	558	107	568	110
<b>Calculator Experience</b>								
Use Almost Every Day	686,246	71	44	56	525	107	539	110
Use Once or Twice Weekly or Less	285,141	29	45	55	477	105	479	106
Never Use or No Response	356,444							
<b>Took the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®)</b>								
Only as a Junior	368,574	36	45	55	506	105	514	108
As a Sophomore or Younger, or as both a Jr. & a Soph. or Younger	445,600	43	43	57	532	107	541	110
No	219,136	21	49	51	459	107	474	114

# Table 5

## 2002 Profile of College-Bound Seniors College Plans

### TOTAL GROUP

Intended College Major	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Agriculture or Natural Resources	11,386	1	47	53	481	481
Architecture or Environmental Design	19,299	2	55	45	483	514
Arts: Visual and Performing	79,865	8	37	63	514	500
Biological Sciences	52,951	5	34	66	542	551
Business and Commerce	135,596	14	52	48	486	510
Communications	43,799	4	32	68	524	505
Computer or Information Sciences	68,051	7	82	18	499	535
Education	86,413	9	22	78	480	481
Engineering	88,711	9	82	18	521	573
Foreign or Classical Languages	5,642	1	26	74	562	543
General or Interdisciplinary	3,600	0	41	59	548	535
Health and Allied Services	146,438	15	25	75	490	500
Home Economics	3,255	0	17	83	456	458
Language and Literature	13,549	1	30	70	604	550
Library and Archival Sciences	224	0	19	81	561	499
Mathematics	7,618	1	56	44	542	625
Military Sciences	5,124	1	83	17	507	513
Philosophy, Religion, or Theology	6,343	1	58	42	561	542
Physical Sciences	14,131	1	57	43	562	588
Public Affairs and Services	24,810	2	44	56	459	456
Social Sciences and History	99,886	10	32	68	529	512
Technical and Vocational	9,623	1	68	32	440	452
Undecided	67,840	7	50	50	515	528

Degree-Level Goal	Number	Percent	Male	Female	Verbal	Math
Certificate Program	12,440	1	54	46	439	456
Associate's Degree	14,620	1	45	55	414	416
Bachelor's Degree	249,912	24	50	50	475	483
Master's Degree	309,525	30	46	54	513	525
Doctoral or Related Degree	218,170	21	39	61	543	553
Other	5,232	1	44	56	437	452
Undecided	214,064	21	44	56	512	521

Plans for Advanced Standing in College Courses	Number	Percent	Male	Female	Verbal	Math
Art	43,639	4	38	62	500	504
Biology	109,335	11	41	59	564	577
Chemistry	79,193	8	52	48	570	607
Computer Science	46,284	5	74	26	525	567
English	250,227	25	37	63	571	567
Foreign Languages	140,996	14	36	64	560	570
Humanities	23,709	2	40	60	568	560
Mathematics	227,049	23	51	49	562	605
Music	38,543	4	44	56	501	506
Physics	71,123	7	63	37	584	631
Social Studies	197,640	20	46	54	582	583
None of These	464,828	47	45	55	472	477

# Table 6

## 2002 Profile of College-Bound Seniors Score Distributions SAT I: Reasoning Test TOTAL GROUP

### Verbal

Score Ranges	Number of			Percent		
	Males	Females	Total	Male	Female	Total
750-800	10,231	9,929	20,160	2	1	2
700-749	19,777	19,725	39,502	3	3	3
650-699	39,462	40,753	80,215	6	6	6
600-649	67,588	73,575	141,163	11	10	11
550-599	90,229	102,100	192,329	15	14	14
500-549	105,360	124,266	229,626	17	17	17
450-499	104,473	124,972	229,445	17	18	17
400-449	81,041	99,128	180,169	13	14	14
350-399	52,760	65,039	117,799	9	9	9
300-349	27,201	31,837	59,038	4	4	4
250-299	11,206	12,546	23,752	2	2	2
200-249	6,873	7,760	14,633	1	1	1

### Math

Score Ranges	Number of			Percent		
	Males	Females	Total	Male	Female	Total
750-800	18,484	8,354	26,838	3	1	2
700-749	35,616	21,235	56,851	6	3	4
650-699	58,588	43,172	101,760	10	6	8
600-649	79,303	70,587	149,890	13	10	11
550-599	96,621	100,574	197,195	16	14	15
500-549	101,243	120,872	222,115	16	17	17
450-499	87,691	120,287	207,978	14	17	16
400-449	67,490	105,871	173,361	11	15	13
350-399	38,801	65,537	104,338	6	9	8
300-349	20,193	34,719	54,912	3	5	4
250-299	8,315	13,887	22,202	1	2	2
200-249	3,856	6,535	10,391	1	1	1

### Number of

	Males	Females	Total
Number	616,201	711,630	1,327,831
Mean	507	502	504
Standard Deviation	112	110	111
<b>Percentile</b>			
75th	580	580	580
50th	510	500	500
25th	430	430	430

### Number of

	Males	Females	Total
Number	616,201	711,630	1,327,831
Mean	534	500	516
Standard Deviation	116	110	114
<b>Percentile</b>			
75th	620	580	600
50th	530	500	510
25th	450	420	440

# Table 7-1

## 2002 Profile of College-Bound Seniors Score Distributions SAT II: Subject Tests TOTAL GROUP

Students who took one or more different SAT II: Subject Tests.	Number of Subject Tests	Number	Percent
	1	20,122	8
2	21,887	8	
3	146,509	56	
4 or more	71,284	27	

Score Ranges	English				History and Social Studies			
	Writing		Literature		United States History		World History	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
750-800	21,729	9	3,162	6	5,349	7	812	8
700-749	27,401	12	7,044	13	8,879	11	755	7
650-699	34,874	15	8,285	15	12,388	16	1,072	10
600-649	37,321	16	9,442	17	12,745	16	1,634	16
550-599	36,929	16	8,671	16	12,182	15	1,666	16
500-549	31,586	14	7,074	13	11,732	15	1,830	17
450-499	22,214	10	5,364	10	8,718	11	1,530	15
400-449	12,524	5	3,129	6	5,335	7	823	8
350-399	5,346	2	1,825	3	2,169	3	323	3
300-349	1,245	1	473	1	345	0	42	0
250-299	88	0	51	0	10	0		
200-249	1	0	2	0				
Number	231,258		54,522		79,852		10,487	
Mean	600		591		590		574	
Standard Deviation	107		106		106		107	
Percentile								
75th	680		670		670		650	
50th	600		600		590		560	
25th	520		520		510		490	

### Students Who Also Have SAT I Scores

Number	225,363	52,758	78,034	10,113
<b>Verbal</b>				
Mean	599	614	610	629
Standard Deviation	102	100	98	101
<b>Math</b>				
Mean	621	600	615	631
Standard Deviation	98	95	95	98

#### Points to Note:

- Includes scores placed on hold by students and not released.
- For the 249,634 students who took any SAT II: Subject Test and the SAT I test, the mean SAT I verbal score was 593 (standard deviation = 105) and the mean SAT I math score was 617 (standard deviation = 99).

# Table 7-2

## 2002 Profile of College-Bound Seniors Score Distributions SAT II: Subject Tests (Continued) TOTAL GROUP

Score Ranges	Math				Science									
	Math Level IC		Math Level IIC		Biology		Biology-E		Biology-M		Chemistry		Physics	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
750-800	5,055	3	19,628	23	75	2	1,196	4	3,043	9	5,531	11	4,988	17
700-749	20,118	12	13,724	16	228	7	2,630	9	4,910	15	6,234	12	4,437	15
650-699	25,063	16	14,347	16	521	15	4,593	15	6,452	19	7,782	15	5,297	18
600-649	31,163	19	16,361	19	679	20	5,867	20	6,453	19	9,237	18	4,948	17
550-599	26,016	16	13,538	16	798	24	5,515	18	5,269	16	8,504	16	4,462	15
500-549	24,157	15	6,419	7	523	16	4,358	15	3,815	11	7,825	15	2,893	10
450-499	16,980	11	2,298	3	364	11	3,069	10	2,194	7	4,554	9	1,519	5
400-449	8,431	5	726	1	137	4	1,640	5	1,042	3	2,124	4	511	2
350-399	3,821	2	123	0	33	1	741	2	399	1	443	1	58	0
300-349	758	0	42	0	8	0	246	1	108	0	11	0	1	0
250-299	35	0					19	0	12	0	1	0		
200-249														
Number	161,597		87,206		3,366		29,874		33,697		52,246		29,114	
Mean	588		659		583		583		619		610		643	
Standard Deviation	97		92		84		98		96		100		96	
Percentile														
75th	660		740		640		650		690		690		720	
50th	600		660		580		590		630		610		650	
25th	520		590		520		520		550		530		570	

### Students Who Also Have SAT I Scores

Number	156,940	85,032	3,285	28,839	32,792	50,737	28,019
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### Verbal

Mean	580	630	634	603	628	623	623
Standard Deviation	102	99	86	97	93	100	101

### Math

Mean	605	683	656	622	652	669	692
Standard Deviation	94	77	86	93	87	84	77

#### Points to Note:

- Includes scores placed on hold by students and not released.
- For the 249,634 students who took any SAT II: Subject Test and the SAT I test, the mean SAT I verbal score was 593 (standard deviation = 105) and the mean SAT I math score was 617 (standard deviation = 99).

# Table 7-3

## 2002 Profile of College-Bound Seniors Score Distributions SAT II: Subject Tests (Continued) TOTAL GROUP

### Foreign and Classical Languages

Score Ranges	Chinese with Listening		French		French with Listening		German		German with Listening		Modern Hebrew	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
750-800	3,720	73	1,698	15	382	16	191	21	150	19	128	16
700-749	563	11	1,240	11	286	12	107	11	106	14	65	8
650-699	355	7	1,352	12	321	14	77	8	78	10	105	13
600-649	232	5	1,608	14	370	16	84	9	91	12	101	13
550-599	123	2	1,746	15	406	17	94	10	84	11	89	11
500-549	59	1	1,525	13	301	13	113	12	96	12	107	13
450-499	38	1	1,154	10	205	9	108	12	78	10	81	10
400-449	16	0	781	7	74	3	92	10	66	8	57	7
350-399	6	0	260	2	23	1	45	5	28	4	33	4
300-349	1	0	23	0	1	0	19	2	2	0	25	3
250-299							1	0			9	1
200-249											6	1
Number	5,113		11,387		2,369		931		779		806	
Mean	752		605		623		597		611		588	
Standard Deviation	70		116		107		139		127		139	
Percentile												
75th	800		700		710		730		730		690	
50th	780		600		620		590		610		590	
25th	740		520		540		470		510		490	

### Students Who Also Have SAT I Scores

Number	4,977	11,107	2,325	898	749	782
<b>Verbal</b>						
Mean	530	637	634	622	613	629
Standard Deviation	136	95	92	98	99	97
<b>Math</b>						
Mean	663	638	631	647	630	640
Standard Deviation	94	89	87	90	89	86

#### Points to Note:

- Includes scores placed on hold by students and not released.
- For the 249,634 students who took any SAT II: Subject Test and the SAT I test, the mean SAT I verbal score was 593 (standard deviation = 105) and the mean SAT I math score was 617 (standard deviation = 99).



# Table 7-4

## 2002 Profile of College-Bound Seniors Score Distributions SAT II: Subject Tests (Continued) TOTAL GROUP

### Foreign and Classical Languages (Continued)

Score Ranges	Italian		Japanese with Listening		Korean with Listening		Latin		Spanish		Spanish with Listening	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
750-800	154	30	681	50	1,683	66	306	10	4,482	16	995	20
700-749	89	17	145	11	329	13	337	11	3,672	13	680	14
650-699	65	13	86	6	226	9	374	12	3,356	12	659	13
600-649	48	9	73	5	154	6	448	14	3,685	14	618	12
550-599	49	10	99	7	77	3	544	17	3,016	11	625	13
500-549	33	6	87	6	44	2	476	15	3,234	12	594	12
450-499	21	4	78	6	33	1	441	14	2,668	10	369	7
400-449	26	5	63	5	7	0	231	7	1,834	7	264	5
350-399	18	3	43	3	2	0	19	1	955	4	123	2
300-349	6	1	14	1					289	1	39	1
250-299	4	1	2	0					49	0	13	0
200-249	2	0							4	0		
Number	515		1,371		2,555		3,176		27,244		4,979	
Mean	649		676		740		591		608		622	
Standard Deviation	134		135		76		106		124		120	
Percentile												
75th	770		790		790		670		710		730	
50th	680		740		770		580		620		630	
25th	570		580		710		510		510		530	

### Students Who Also Have SAT I Scores

Number 491 1,331 2,454 3,134 26,371 4,876

#### Verbal

Mean 590 556 520 666 581 568  
Standard Deviation 98 116 117 83 112 112

#### Math

Mean 596 643 644 666 594 577  
Standard Deviation 86 91 95 81 109 110

#### Points to Note:

- Includes scores placed on hold by students and not released.
- For the 249,634 students who took any SAT II: Subject Test and the SAT I test, the mean SAT I verbal score was 593 (standard deviation = 105) and the mean SAT I math score was 617 (standard deviation = 99).

# Table 7-5

## 2002 Profile of College-Bound Seniors ELPT™ (English Language Proficiency Test™) TOTAL GROUP

### Score Distribution

Score Ranges	Total		Ranges	Reading Subscore		Ranges	Listening Subscore		Ranges	Reading Proficiency	
	Number	Percent		Number	Percent		Number	Percent		Number	Percent
990-999	158	5	46-50	209	7	46-50	269	9	H	209	7
980-989	369	12	41-45	224	7	41-45	769	24	A	296	9
970-979	518	16	36-40	328	10	36-40	609	19	+	1,059	34
960-969	597	19	31-35	389	12	31-35	467	15	I	1,137	36
950-959	493	16	26-30	516	16	26-30	351	11	L	455	14
940-949	431	14	21-25	510	16	21-25	322	10		<b>Listening Proficiency</b>	
930-939	354	11	16-20	408	13	16-20	166	5	<i>Ranges</i>	<b>Number</b>	<b>Percent</b>
920-929	174	6	11-15	429	14	11-15	107	3	H	133	4
910-919	59	2	06-10	129	4	06-10	52	2	A	914	29
901-909	3	0	01-05	14	0	01-05	44	1	+	1,304	41
									I	652	21
									L	153	5
Number	3,156										
Mean	959			27			34				
Standard Deviation	19			11			10				
Percentile											
75th	974			35			42				
50th	961			26			36				
25th	945			18			27				

### Students Who Also Have SAT I Scores

Number 2,174

#### Verbal

Mean 400  
Standard Deviation 109

#### Math

Mean 503  
Standard Deviation 130

**Points to Note:** Whereas most SAT II tests are **achievement** tests in a given curriculum area or academic subject, the ELPT is a **proficiency** test in the area of English as a Second Language. As such, the ELPT should not be linked to the SAT II 200-800 score scale used for subject achievement tests. ELPT is on a separate scale ranging from 901-999.

The ELPT Reading and Listening subscores range from 1 to 50.

Proficiency Ranges: H - Advanced High or Higher

A - Advanced

+ - Intermediate High

I - Intermediate

L - Below Intermediate

For more information on the ranges, please visit the College Board Web site at [www.collegeboard.com](http://www.collegeboard.com).

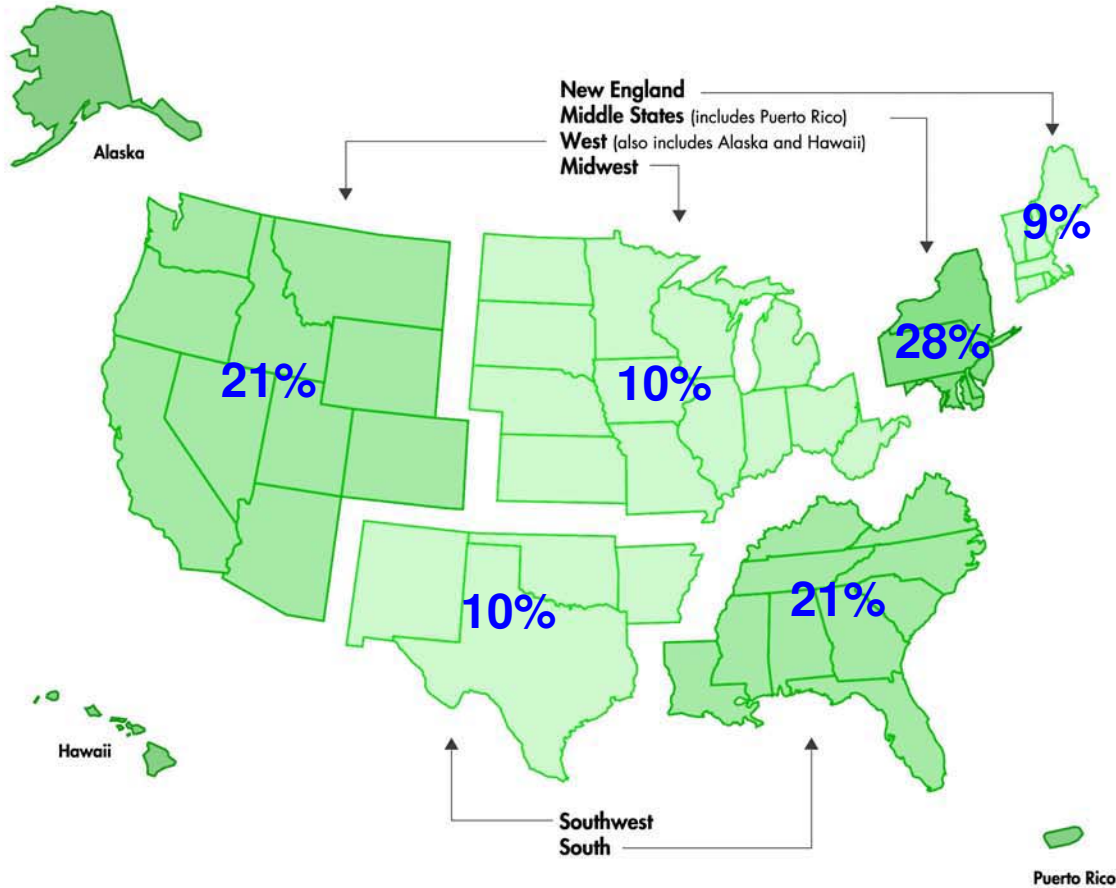
# Table 8

## 2002 Profile of College-Bound Seniors High School Information TOTAL GROUP

Size of Senior Class	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
More than 1,000	3,591	0	47	53	509	539
750 - 1,000	26,248	2	46	54	508	532
500 - 749	156,487	13	46	54	507	525
250 - 499	502,576	41	46	54	505	517
100 - 249	364,156	30	47	53	505	511
Fewer than 100	168,123	14	46	54	516	517
Unknown	106,650					
<b>Type of High School</b>						
Public	1,025,777	83	45	55	500	512
Religiously Affiliated	146,204	12	50	50	531	526
Independent	65,786	5	53	47	549	570
Other or Unknown	90,064					
<b>Location of High School</b>						
Large City	280,561	23	46	54	491	503
Medium-size City	163,345	13	46	54	507	514
Small City or Town	220,587	18	46	54	504	510
Suburban	420,823	35	47	53	523	536
Rural	128,964	11	45	55	495	499
Unknown	113,551					
Within U.S.	1,265,449	95	46	54	505	513
Outside U.S.	42,604	3	51	49	504	563
Unknown	19,778	1	55	45	467	582

Point to Note: Charter, Correspondence, Home and Non-Accredited Schools are included in Type of High School as Other or Unknown.

## Areas served by College Board Regional Offices



**Middle States Regional Office**  
 2 Bala Plaza  
 Suite 900  
 Bala Cynwyd, PA 19004-1501  
 610.667.4400  
 610.667.6998 (FAX)

**Midwestern Regional Office**  
 1560 Sherman Avenue  
 Suite 1001  
 Evanston, IL 60201-4805  
 847.866.1700  
 847.866.9280 (FAX)

**New England Regional Office**  
 470 Totten Pond Road  
 Waltham, MA 02451-1982  
 781.890.9150  
 781.890.0693 (FAX)

**Southern Regional Office**  
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 Tucker, GA 30084-7039  
 770.908.9737  
 770.934.4885 (FAX)

**Southwestern Regional Office**  
 4330 South MoPac Expressway  
 Suite 200  
 Austin, TX 78735-6734  
 512.891.8400  
 512.891.8404 (FAX)

**Western Regional Office**  
 2099 Gateway Place  
 Suite 480  
 San Jose, CA 95110-1048  
 408.452.1400  
 408.453.7396 (FAX)  
 In Alaska and Hawaii, direct inquiries to the Western Regional Office.

**In Puerto Rico, inquiries should be addressed to:**  
 The College Board  
 Banco Popular Center  
 Suite 1501  
 209 Muñoz Rivera Avenue  
 Hato Rey, PR 00918  
 787.759.8625  
 787.759.8629 (FAX)  
**Mailing Address:**  
 PO Box 71101  
 San Juan, PR 00936-8001

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For further information, contact [www.collegeboard.com](http://www.collegeboard.com).

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