

NATIONAL REPORT

1999 College-Bound SENIORS



**Summary
Reporting
Service™**

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



The College Board
Educational Excellence for All Students

www.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.

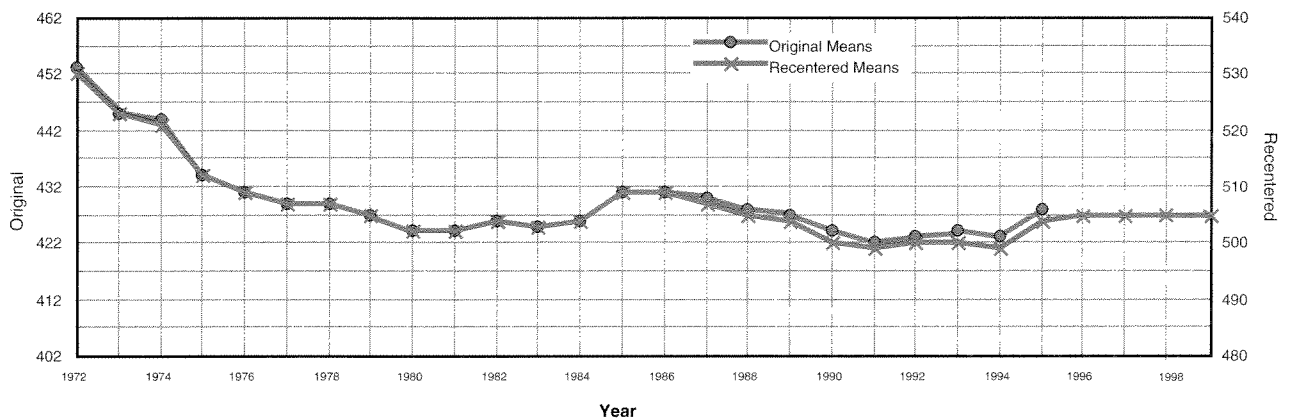
In April 1995, the College Board recentered the score scales for all tests in the SAT Program to reflect the

contemporary test taking population. Recentering reestablished the average score for a study group of 1990 seniors at about 500 — the midpoint of the 200 to 800 scale — allowing students, schools, and colleges to more easily interpret their scores in relation to those of a similar group of college-bound seniors. Recentering also simplified comparisons between students' verbal and mathematical abilities and improved reliability of SAT Program scores and their ability to predict success in college.

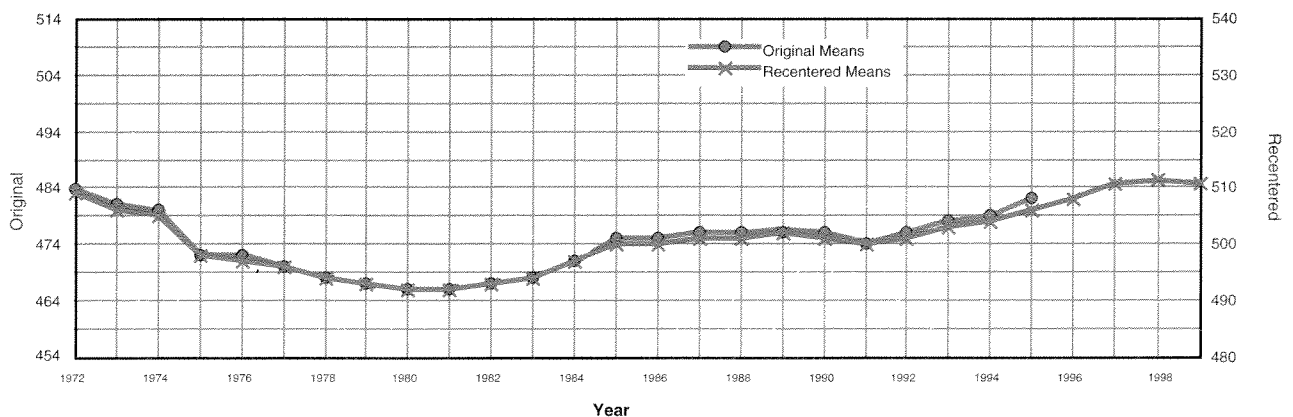
The following graphs demonstrate that although the numerical value of SAT scores has changed, the pattern of scores over time for college-bound seniors has not. (See also the table of recentered mean scores — 1972 through 1999 — for males, females, and all college-bound seniors.)

Chart A: Mean SAT/SAT I Scores for National College-Bound Seniors 1972-1999*

Verbal Scores - Original versus Recentered Scale



Math Scores - Original versus Recentered Scale



* 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. Since 1996 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.)

Using This Report

This *Profile of College-Bound Seniors* presents data for 1999 high school graduates 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 senior 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.

Table A. National Mean SAT/SAT I Scores for College-Bound Seniors, 1972-1999* (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

*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. Since 1996 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.)

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**Table
1**

1999 Profile of College-Bound Seniors

NATIONAL

Points to Note

- 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 1999. 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	601,333	701,570	1,302,903		
Students with at Least One Student Descriptive Questionnaire (SDQ) Response	560,049	668,424	1,228,473		
Percent with at Least One SDQ Response	93	95	94		
SAT Program Test Takers					
All Students with Either SAT I or SAT II Scores	567,219	661,507	1,228,726		
Students with SAT I Scores	562,911	657,219	1,220,130	505	511
Students with SAT II Scores	110,070	127,787	237,857		
Students with Both SAT I and SAT II Scores	105,762	123,499	229,261	596	614
Year in Which Seniors Last took SAT I					
Senior	393,074	479,113	872,187	497	502
Junior	165,870	174,009	339,879	527	534
Sophomore	3,468	3,660	7,128	509	526
Freshman	499	437	936	485	500



SAT[®] Summary Reporting Service[™] (SRS[™])
The College Board

**Table
2**

**1999 Profile of College-Bound Seniors
Academic Record
NATIONAL**

High School Rank	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Top Tenth	203,494	21	42	58	590	607
Second Tenth	213,532	23	45	55	530	541
Second Fifth	261,637	28	47	53	494	499
Third Fifth	223,732	24	46	54	455	452
Fourth Fifth	38,249	4	50	50	427	419
Fifth Fifth	8,082	1	51	49	411	401
No Response	271,404					

High School Grade Point Average	Number	Percent	Male	Female	Verbal	Math
A+ (97-100)	72,958	7	40	60	613	627
A (93-96)	168,496	16	38	62	569	580
A- (90-92)	177,341	16	41	59	541	551
B (80-89)	517,548	48	46	54	483	485
C (70-79)	140,227	13	57	43	429	426
D, E, or F (Below 70)	4,557	0	63	37	410	408
No Response	139,003					

Mean Grade Point Average: All Students 3.24

Years of Study in Six Academic Subjects	Number	Percent	Male	Female	Verbal	Math
20 or More Years	480,722	51	40	60	546	550
19 or 19½ Years	113,077	12	46	54	504	508
18 or 18½ Years	100,995	11	48	52	488	492
17 or 17½ Years	78,183	8	48	52	472	475
16 or 16½ Years	59,742	6	49	51	462	465
15 or 15½ Years	43,906	5	51	49	456	462
Less Than 15 Years	69,064	7	54	46	437	448
No Response	274,441					

Academic Subject	Average Years of Study			Grade Point Average: For Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.8	2.1	2.0	3.63	3.78	3.71
English	3.9	3.9	3.9	3.10	3.33	3.23
Foreign and Classical Languages	2.6	2.8	2.8	3.04	3.30	3.18
Mathematics	3.8	3.8	3.8	3.04	3.03	3.03
Natural Sciences	3.4	3.4	3.4	3.14	3.18	3.17
Social Sciences and History	3.5	3.5	3.5	3.27	3.33	3.30
Total for All Subjects	19.0	19.5	19.4			

Mean Grade Point Average: All Students

Male	Female	Total
3.16	3.31	3.24

**Table
3-1**

**1999 Profile of College-Bound Seniors
Course-Taking Patterns
NATIONAL**

English	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Years of Study						
More Than 4 Years	89,186	8	44	56	525	538
4 Years	829,687	77	44	56	510	513
3 Years	143,787	13	52	48	484	493
2 Years	11,668	1	55	45	476	504
1 Year	2,336	0	53	47	459	491
One-half Year or Less	2,414	0	53	47	478	500
No Response	141,052					
Course Work or Experience						
American Literature	911,582	85	45	55	520	521
Grammar	794,070	74	44	56	518	521
Composition	753,994	71	44	56	526	527
Literature Historical Periods	547,131	51	42	58	538	535
British Literature	459,068	43	44	56	542	539
Speaking and Listening	415,155	39	43	57	524	526
Literature Other Country	245,615	23	42	58	545	544
English as a Second Language	52,555	5	46	54	430	506
Honors Course Taken	401,021	37	38	62	567	564

Mathematics

Years of Study						
More Than 4 Years	147,187	14	50	50	542	576
4 Years	607,396	56	44	56	516	521
3 Years	287,324	27	44	56	478	469
2 Years	28,886	3	47	53	464	452
1 Year	3,621	0	54	46	490	499
One-half Year or Less	1,918	0	44	56	440	443
No Response	143,798					
Course Work						
Algebra	1,063,160	96	45	55	507	511
Geometry	1,043,877	94	45	55	510	515
Trigonometry	568,838	51	46	54	533	548
Precalculus	482,935	43	46	54	550	571
Other Math Courses	274,364	25	43	57	491	494
Calculus	270,268	24	49	51	576	610
Computer Math	92,194	8	59	41	522	545
Honors Course Taken	313,940	29	45	55	575	598

**Table
3-2**

1999 Profile of College-Bound Seniors
Course-Taking Patterns (Continued)
NATIONAL

Natural Sciences	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Years of Study						
More Than 4 Years	94,718	9	48	52	554	579
4 Years	433,240	41	45	55	529	535
3 Years	397,142	37	44	56	492	492
2 Years	102,543	10	45	55	463	463
1 Year	22,876	2	49	51	463	472
One-half Year or Less	10,886	1	41	59	425	437
No Response	158,625					
Course Work						
Biology	1,070,819	97	45	55	507	512
Chemistry	954,499	86	45	55	516	523
Physics	545,117	49	49	51	539	557
Geology, Earth Science, or Space Science	484,513	44	46	54	499	500
Other Sciences	413,002	37	41	59	500	500
Honors Course Taken	306,737	29	44	56	576	587

Social Sciences and History

Years of Study						
More Than 4 Years	85,668	8	44	56	534	538
4 Years	482,153	45	44	56	518	517
3 Years	397,627	37	45	55	499	507
2 Years	80,133	8	50	50	477	493
1 Year	13,492	1	50	50	463	486
One-half Year or Less	9,259	1	47	53	459	482
No Response	151,798					
Course Work						
U.S. History	1,054,329	95	45	55	507	511
World History or Cultures	893,175	81	45	55	511	515
U.S. Government or Civics	779,120	70	44	56	508	510
Economics	540,969	49	43	57	507	513
Geography	364,324	33	45	55	498	504
Psychology	283,916	26	34	66	520	515
European History	243,357	22	48	52	539	542
Other Courses	166,330	15	42	58	519	524
Sociology	150,874	14	36	64	508	504
Ancient History	114,931	10	50	50	524	532
Anthropology	24,015	2	44	56	518	523
Honors Course Taken	313,597	29	42	58	575	575

**Table
3-3**

**1999 Profile of College-Bound Seniors
Course-Taking Patterns (Continued)**

NATIONAL

Foreign and Classical Languages	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Years of Study						
More Than 4 Years	65,992	6	39	61	562	577
4 Years	224,478	21	38	62	557	560
3 Years	328,663	31	44	56	518	523
2 Years	351,879	33	48	52	480	483
1 Year	51,509	5	54	46	438	442
One-half Year or Less	44,929	4	56	44	420	434
No Response	152,680					
Course Work						
Chinese	16,551	1	51	49	510	606
French	247,848	22	38	62	526	525
German	68,621	6	52	48	539	545
Greek	5,520	0	50	50	547	553
Hebrew	12,871	1	51	49	569	581
Italian	21,655	2	47	53	512	518
Japanese	21,121	2	50	50	520	555
Korean	6,422	1	54	46	523	599
Latin	88,541	8	46	54	555	552
Russian	12,900	1	49	51	536	559
Spanish	744,721	67	45	55	502	505
Other Languages	32,510	3	43	57	484	520
Honors Course Taken	196,122	18	38	62	578	584
Arts and Music						
Years of Study						
More Than 4 Years	84,786	8	37	63	538	537
4 Years	162,549	16	36	64	537	532
3 Years	116,654	11	39	61	515	513
2 Years	174,227	17	44	56	506	511
1 Year	285,137	27	48	52	498	508
One-half Year or Less	223,302	21	52	48	487	499
No Response	173,475					
Course Work or Experience						
Acting or Play Production	238,058	22	35	65	543	532
Art History or Appreciation	232,925	22	45	55	518	517
Dance	130,633	12	13	87	514	508
Drama: Study or Appreciation	160,301	15	34	66	534	521
Music: Study or Appreciation	176,571	17	43	57	538	534
Music Performance	412,117	39	37	63	530	531
Photography or Film	176,702	17	40	60	526	524
Studio Art and Design	245,005	23	44	56	525	527
None	193,923	18	56	44	477	492
Honors Course Taken	82,569	8	39	61	562	558
Computer Course Work or Experience						
Computer Literacy	685,329	64	45	55	518	521
Computer Programming	231,876	22	58	42	519	536
Word Processing	842,100	78	44	56	517	521
Internet Activity	329,031	31	43	57	509	512
Using Computer Graphics	168,794	16	50	50	506	511
Creating Spreadsheets/Databases	454,809	42	47	53	522	530
None	81,941	8	44	56	494	497

**Table
4-1**

**1999 Profile of College-Bound Seniors
Background Information
NATIONAL**

SAT I Test Takers Who Described Themselves as:	Number of			Percent	
	Males	Females	Total	Male	Female
American Indian or Alaskan Native	3,760	4,501	8,261	46	54
Asian, Asian American, or Pacific Islander	46,319	49,789	96,108	48	52
African American or Black	48,861	70,533	119,394	41	59
Hispanic or Latino Background:					
Mexican or Mexican American	18,349	24,811	43,160	43	57
Puerto Rican	5,862	8,124	13,986	42	58
Latin American, South American, Central American, or Other Hispanic or Latino	15,803	21,718	37,521	42	58
White	326,799	390,833	717,632	46	54
Other	16,371	21,759	38,130	43	57
No Response	80,787	65,151	145,938	55	45

SAT I Test Takers Who Described Themselves as:	Number of			Percent Responding		
	Males	Females	Total	Male	Female	Total
American Indian or Alaskan Native	3,760	4,501	8,261	1	1	1
Asian, Asian American, or Pacific Islander	46,319	49,789	96,108	10	8	9
African American or Black	48,861	70,533	119,394	10	12	11
Hispanic or Latino Background:						
Mexican or Mexican American	18,349	24,811	43,160	4	4	4
Puerto Rican	5,862	8,124	13,986	1	1	1
Latin American, South American, Central American, or Other Hispanic or Latino	15,803	21,718	37,521	3	4	3
White	326,799	390,833	717,632	68	66	67
Other	16,371	21,759	38,130	3	4	4
Total	482,124	592,068	1,074,192	100	100	100

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	486	481	484	106	105	105	499	467	481	108	102	106
Asian, Asian American, or Pacific Islander	502	495	498	125	126	126	579	541	560	122	121	123
African American or Black	432	435	434	100	99	100	434	415	422	102	95	99
Hispanic or Latino Background:												
Mexican or Mexican American	459	448	453	102	101	102	476	441	456	102	95	100
Puerto Rican	462	450	455	105	101	103	470	433	448	105	97	102
Latin American, South American, Central American, or Other Hispanic or Latino	471	457	463	109	107	108	488	446	464	109	103	107
White	531	524	527	103	99	101	548	512	528	105	100	104
Other	515	508	511	121	118	119	537	494	513	118	112	117
No Response	493	490	492	122	123	122	519	488	505	122	120	122

**Table
4-2**

1999 Profile of College-Bound Seniors
Background Information (Continued)
NATIONAL

	SAT I Test Takers		Percent		SAT I Verbal		SAT I Math	
	Number	Percent	Male	Female	Mean Scores	Standard Deviations	Mean Scores	Standard Deviations
All SAT I Test Takers	1,220,130		46	54	505	111	511	114
First Language Learned								
English	885,836	82	45	55	516	106	514	110
English and Another Language	106,128	10	44	56	484	114	500	122
Another Language	92,129	8	46	54	454	120	513	128
No Response	136,037							
Citizenship								
U.S. Citizen or U.S. National	993,914	92	45	55	512	107	512	111
U.S. Permanent Resident or Refugee	45,443	4	44	56	446	121	496	127
Citizen of Another Country	37,172	3	52	48	477	122	561	122
Other, Unknown, or No Response	143,601							
Disabling Condition								
Yes	73,169	6	50	50	473	112	476	114
No Response or Unknown	1,146,961	94	46	54				
SAT I Taken Under								
Standard Conditions	1,196,114	98	46	54	506	111	512	113
Nonstandard Conditions	24,016	2	60	40	467	114	469	121
Plans to Apply for Financial Aid								
Yes	818,776	75	43	57	505	110	508	113
No	81,086	7	50	50	522	108	538	111
Don't Know	187,731	17	50	50	510	109	520	111
Family Income								
Less Than \$10,000	42,682	4	36	64	427	112	444	119
\$10,000 - \$20,000	82,829	9	39	61	449	107	458	109
\$20,000 - \$30,000	101,305	11	42	58	476	105	478	107
\$30,000 - \$40,000	121,926	13	44	56	493	103	493	106
\$40,000 - \$50,000	103,735	11	46	54	505	102	506	105
\$50,000 - \$60,000	104,512	11	47	53	514	101	516	104
\$60,000 - \$70,000	86,152	9	47	53	520	101	523	104
\$70,000 - \$80,000	76,136	8	48	52	527	100	531	104
\$80,000 - \$100,000	94,715	10	48	52	539	101	543	104
More Than \$100,000	136,658	14	50	50	559	102	571	104
No Response	269,480							
Highest Level of Parental Education								
No High School Diploma	46,339	4	40	60	413	101	437	108
High School Diploma	356,209	33	42	58	474	100	476	103
Associate's Degree	89,694	8	44	56	489	98	490	102
Bachelor's Degree	304,251	29	47	53	525	103	531	106
Graduate Degree	268,047	25	48	52	558	107	563	109
Calculator Experience								
Use Almost Every Day	727,131	72	44	56	526	107	535	109
Use Once or Twice Weekly or Less	280,651	28	45	55	476	104	473	104
Never Use or No Response	212,348							
Took the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT)								
Only as a Junior	611,005	58	45	55	525	107	530	110
As a Sophomore or Younger, or as both a Jr. & a Soph. or Younger	229,633	22	39	61	518	104	519	107
No	221,670	21	49	51	458	106	466	111

**Table
5**

**1999 Profile of College-Bound Seniors
College Plans
NATIONAL**

Intended College Major	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Agriculture or Natural Resources	16,416	2	47	53	491	485
Architecture or Environmental Design	25,907	2	60	40	494	522
Arts: Visual and Performing	75,808	7	41	59	520	501
Biological Sciences	57,962	6	36	64	545	545
Business and Commerce	144,859	14	52	48	487	506
Communications	43,984	4	35	65	526	502
Computer or Information Sciences	59,402	6	77	23	500	528
Education	92,880	9	23	77	483	479
Engineering	88,706	8	81	19	526	572
Foreign or Classical Languages	5,501	1	28	72	554	536
General or Interdisciplinary	2,892	0	39	61	570	547
Health and Allied Services	172,117	16	27	73	497	503
Home Economics	3,674	0	20	80	464	463
Language and Literature	14,289	1	32	68	607	548
Library and Archival Sciences	377	0	45	55	545	524
Mathematics	5,461	1	55	45	555	631
Military Sciences	5,096	0	80	20	506	510
Philosophy, Religion, or Theology	5,971	1	60	40	561	540
Physical Sciences	14,799	1	60	40	570	590
Public Affairs and Services	27,414	3	49	51	458	450
Social Sciences and History	109,978	10	31	69	533	511
Technical and Vocational	10,133	1	66	34	441	448
Undecided	66,134	6	52	48	511	519
Degree-Level Goal						
Certificate Program	13,832	1	54	46	436	448
Associate's Degree	17,410	2	44	56	422	418
Bachelor's Degree	257,593	24	50	50	477	481
Master's Degree	326,607	31	45	55	515	523
Doctoral or Related Degree	235,581	22	39	61	549	553
Other	5,912	1	45	55	437	447
Undecided	196,708	19	45	55	507	511
Plans for Advanced Standing in College Courses						
Art	46,967	5	42	58	502	500
Biology	120,163	12	42	58	567	575
Chemistry	82,657	8	53	47	573	606
Computer Science	45,628	4	73	27	525	559
English	259,978	25	37	63	576	566
Foreign Languages	154,522	15	37	63	562	567
Humanities	25,517	2	40	60	561	548
Mathematics	237,452	23	51	49	564	604
Music	44,255	4	44	56	504	504
Physics	70,085	7	63	37	585	627
Social Studies	190,391	18	46	54	586	580
None of These	492,390	47	45	55	474	474

**Table
6**

**1999 Profile of College-Bound Seniors
Score Distributions SAT I: Reasoning Test
NATIONAL**

Score Ranges	Verbal						Math					
	Number of			Percent			Number of			Percent		
	Males	Females	Total	Male	Female	Total	Males	Females	Total	Male	Female	Total
750-800	11,583	10,532	22,115	2	2	2	17,063	6,952	24,015	3	1	2
700-749	18,328	17,614	35,942	3	3	3	29,822	17,377	47,199	5	3	4
650-699	35,668	36,837	72,505	6	6	6	49,125	35,399	84,524	9	5	7
600-649	61,146	66,491	127,637	11	10	10	71,160	62,300	133,460	13	9	11
550-599	84,838	97,790	182,628	15	15	15	88,764	91,029	179,793	16	14	15
500-549	93,519	110,622	204,141	17	17	17	88,141	105,092	193,233	16	16	16
450-499	97,024	119,068	216,092	17	18	18	85,287	118,077	203,364	15	18	17
400-449	72,923	90,353	163,276	13	14	13	64,420	99,658	164,078	11	15	13
350-399	48,088	59,890	107,978	9	9	9	38,639	66,363	105,002	7	10	9
300-349	23,692	28,673	52,365	4	4	4	18,926	33,859	52,785	3	5	4
250-299	10,205	12,362	22,567	2	2	2	7,878	14,256	22,134	1	2	2
200-249	5,897	6,987	12,884	1	1	1	3,686	6,857	10,543	1	1	1

	Number of		
	Males	Females	Total
Number	562,911	657,219	1,220,130
Mean	509	502	505
Standard Deviation	113	110	111
Percentile			
75th	590	580	580
50th (Median)	510	500	500
25th	430	430	430

	Number of		
	Males	Females	Total
	562,911	657,219	1,220,130
	531	495	511
	115	110	114
	610	570	590
	530	490	510
	450	420	430

**Table
7-1**

**1999 Profile of College-Bound Seniors
Score Distributions SAT II: Subject Tests
NATIONAL**

	Number of Subject Tests	Number	Percent
Students who took one or more different SAT II: Subject Tests.	1	17,024	7
	2	22,387	9
	3	139,097	58
	4 or more	59,349	25

Score Ranges	SAT II: Subject Tests		English				History and Social Studies			
	Average		Writing		Literature		American History		World History	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
750-800	7,650	3	19,421	9	2,979	6	4,309	7	509	7
700-749	21,250	9	23,296	11	5,426	11	7,299	11	555	7
650-699	37,692	16	27,643	13	7,216	15	9,647	15	898	12
600-649	48,167	20	36,055	17	7,843	17	11,048	17	1,004	13
550-599	48,261	20	34,404	16	7,568	16	10,044	16	1,327	18
500-549	37,989	16	31,862	15	6,484	14	9,363	14	1,174	16
450-499	22,908	10	22,608	11	5,024	11	6,942	11	1,038	14
400-449	10,308	4	12,559	6	3,093	7	4,111	6	648	9
350-399	3,140	1	4,999	2	1,352	3	1,587	2	265	4
300-349	467	0	1,282	1	296	1	237	0	30	0
250-299	22	0	113	0	23	0	10	0		
200-249	3	0	8	0	1	0				
Number	237,857		214,250		47,305		64,597		7,448	
Mean	592		593		589		591		572	
Standard Deviation	89		107		104		104		108	
Percentile										
75th	660		670		670		670		650	
50th (Median)	590		590		590		600		560	
25th	530		520		510		510		490	

Students Who Also Have SAT I Scores

Number	229,261	208,917	45,797	63,140	7,192
Verbal					
Mean	596	601	613	615	630
Standard Deviation	103	102	101	97	104
Math					
Mean	614	618	594	613	622
Standard Deviation	98	97	95	94	102

Points to Note:

- Includes scores placed on hold by students and not released.
- All scores for the SAT II: Writing Test are on the adjusted scale introduced May 1998.

**Table
7-2**

**1999 Profile of College-Bound Seniors
Score Distributions SAT II: Subject Tests (Continued)
NATIONAL**

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	3,666	2	14,709	19	2,036	5	316	4	997	12	5,027	10	3,831	14
700-749	13,767	9	12,020	16	4,643	11	779	10	1,617	19	5,694	12	3,929	14
650-699	22,303	15	14,609	19	7,163	17	1,035	13	1,500	17	7,360	15	4,917	18
600-649	27,481	19	16,167	21	8,255	19	1,186	15	1,522	18	8,548	18	4,964	18
550-599	26,184	18	11,403	15	7,633	18	1,200	15	1,113	13	8,247	17	4,574	17
500-549	24,118	16	6,021	8	6,531	15	943	12	700	8	6,829	14	2,899	11
450-499	16,466	11	1,951	3	4,059	9	904	12	576	7	4,362	9	1,563	6
400-449	9,259	6	487	1	2,007	5	752	10	407	5	1,891	4	489	2
350-399	3,503	2	80	0	699	2	407	5	169	2	363	1	59	0
300-349	771	1	32	0	164	0	217	3	34	0	12	0		
250-299	10	0			15	0	27	0	6	0				
200-249														
Number	147,528		77,479		43,205		7,766		8,641		48,333		27,225	
Mean	579		656		594		563		625		610		635	
Standard Deviation	95		89		95		115		105		99		94	
Percentile														
75th	650		730		670		660		700		690		710	
50th (Median)	580		650		600		570		640		610		640	
25th	510		590		530		480		560		530		570	
Students Who Also Have SAT I Scores														
Number	143,410		75,176		42,037		7,396		8,438		46,647		25,814	
Verbal														
Mean	581		636		625		583		619		626		623	
Standard Deviation	101		98		92		107		97		99		102	
Math														
Mean	599		680		639		600		639		667		685	
Standard Deviation	93		77		89		103		91		85		78	

Point to Note: Includes scores placed on hold by students and not released.

**Table
7-3**

1999 Profile of College-Bound Seniors
Score Distributions SAT II: Subject Tests (Continued)
NATIONAL

Score Ranges	Foreign and Classical Languages											
	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	3,021	70	1,573	13	345	14	189	20	151	19	100	14
700-749	463	11	1,253	10	235	10	92	10	87	11	71	10
650-699	323	8	1,580	13	333	14	73	8	101	12	69	10
600-649	210	5	1,707	14	411	17	111	12	82	10	96	13
550-599	134	3	1,947	16	356	15	121	13	93	11	104	14
500-549	91	2	1,598	13	400	16	163	17	109	13	99	14
450-499	33	1	1,379	11	234	10	82	9	86	11	72	10
400-449	15	0	892	7	99	4	65	7	75	9	73	10
350-399	7	0	289	2	36	1	40	4	26	3	20	3
300-349			12	0	4	0	12	1	4	0	11	2
250-299					1	0	2	0			4	1
200-249											7	1
Number	4,297		12,230		2,454		950		814		726	
Mean	746		599		609		602		604		582	
Standard Deviation	76		114		109		129		127		129	
Percentile												
75th	800		690		690		720		720		680	
50th (Median)	780		590		600		590		600		580	
25th	720		510		530		510		500		490	
Students Who Also Have SAT I Scores												
Number	4,107		11,922		2,410		910		769		710	
Verbal												
Mean	506		632		637		623		625		636	
Standard Deviation	137		96		87		99		93		95	
Math												
Mean	644		630		631		641		624		641	
Standard Deviation	101		89		83		89		88		87	

Point to Note: Includes scores placed on hold by students and not released.

**Table
7-4**

1999 Profile of College-Bound Seniors
Score Distributions SAT II: Subject Tests (Continued)
NATIONAL

Score Ranges	Foreign and Classical Languages (Continued)											
	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	119	25	511	45	1,190	56	292	10	3,707	14	829	18
700-749	64	14	115	10	317	15	340	11	2,603	10	546	12
650-699	63	13	99	9	228	11	362	12	2,693	10	667	14
600-649	53	11	68	6	181	9	435	15	3,199	12	675	14
550-599	50	11	74	6	123	6	478	16	3,523	13	537	11
500-549	39	8	75	7	56	3	472	16	3,861	15	549	12
450-499	34	7	74	6	13	1	361	12	3,107	12	399	9
400-449	26	6	65	6	11	1	212	7	2,191	8	265	6
350-399	10	2	40	4	8	0	21	1	1,015	4	157	3
300-349	9	2	19	2					306	1	42	1
250-299	4	1	1	0	1	0			40	0	5	0
200-249									1	0		
Number	471		1,141		2,128		2,973		26,246		4,671	
Mean	633		662		723		594		588		615	
Standard Deviation	131		141		85		105		123		120	
Percentile												
75th	750		790		790		670		690		720	
50th (Median)	650		720		760		590		580		630	
25th	540		560		670		510		490		520	
Students Who Also Have SAT I Scores												
Number	445		1,107		2,065		2,943		25,592		4,574	
Verbal												
Mean	579		558		505		662		590		580	
Standard Deviation	105		116		120		86		106		106	
Math												
Mean	588		633		636		658		597		585	
Standard Deviation	96		92		96		82		103		104	

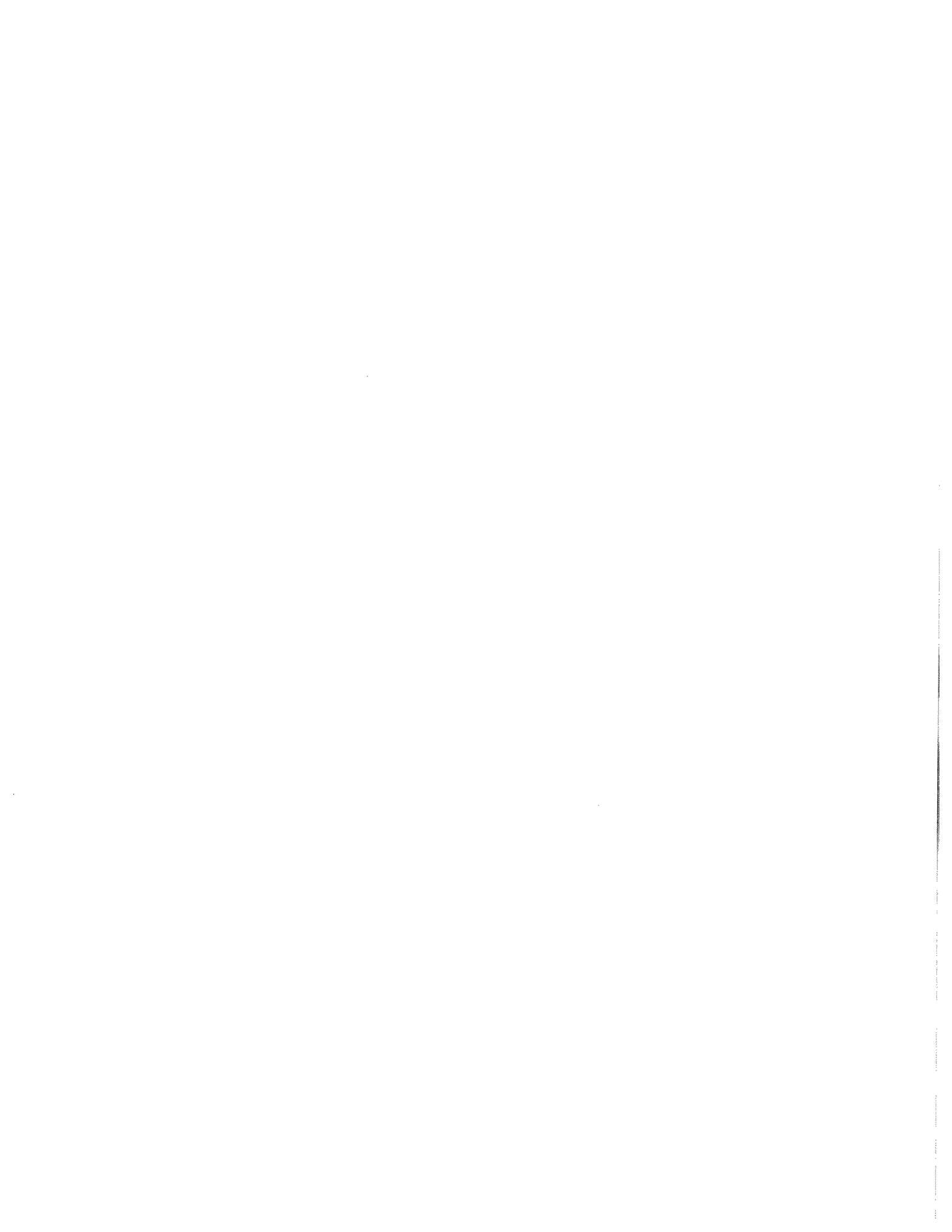
Point to Note: Includes scores placed on hold by students and not released.

**Table
8**

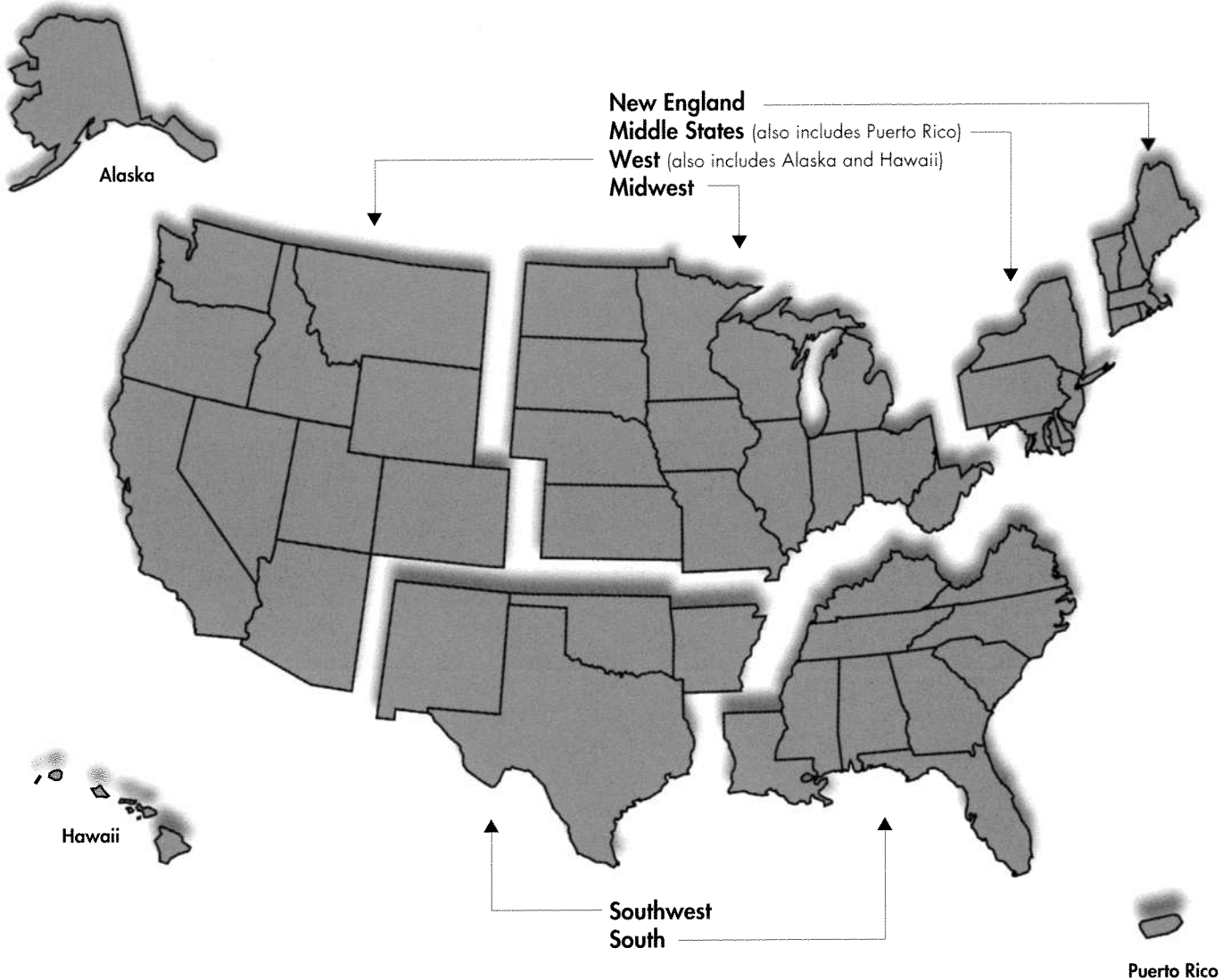
**1999 Profile of College-Bound Seniors
High School Information
NATIONAL**

Size of Senior Class	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
More than 1,000	3,426	0	50	50	538	565
750 - 1,000	17,828	2	46	54	507	525
500 - 749	132,276	12	45	55	504	518
250 - 499	463,380	41	46	54	507	514
100 - 249	365,460	32	46	54	506	507
Fewer than 100	157,752	14	46	54	516	513
Unknown	80,008					
Type of High School						
Public	952,913	83	45	55	502	508
Religiously Affiliated	139,952	12	49	51	528	519
Independent	58,836	5	52	48	549	565
Other or Unknown	68,429					
Location of High School						
Large City	263,960	23	46	54	492	498
Medium-size City	152,079	13	46	54	508	510
Small City or Town	213,793	19	46	54	505	506
Suburban	388,166	34	47	53	523	532
Rural	126,824	11	45	55	496	494
Unknown	75,308					
Within U.S.	1,170,092	96	46	54	506	509
Outside U.S.	35,295	3	51	49	503	546
Unknown	14,743	1	56	44	466	577

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



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