

2000

# College-Bound Seniors

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

# 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.

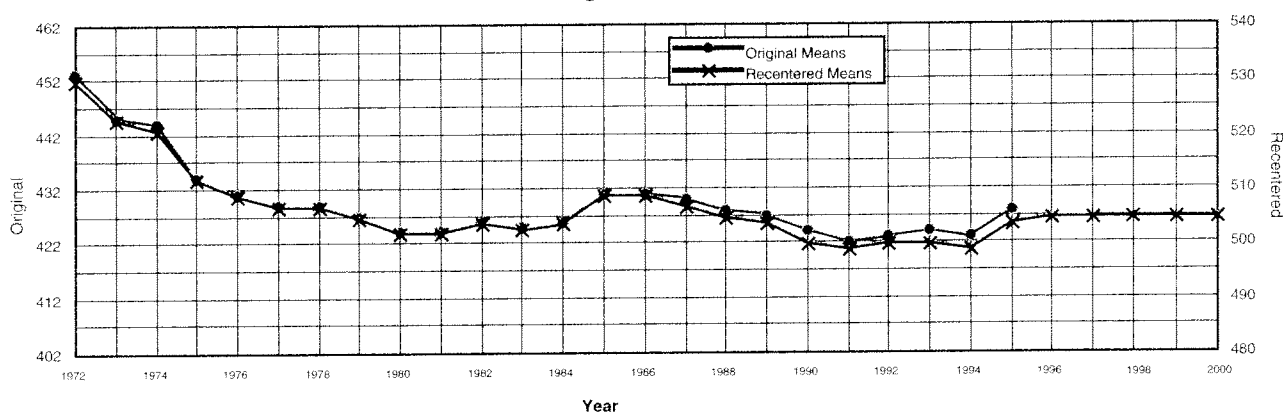
In April 1995, the College Board recentered the score scales for all tests in the SAT Program to reflect the

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.

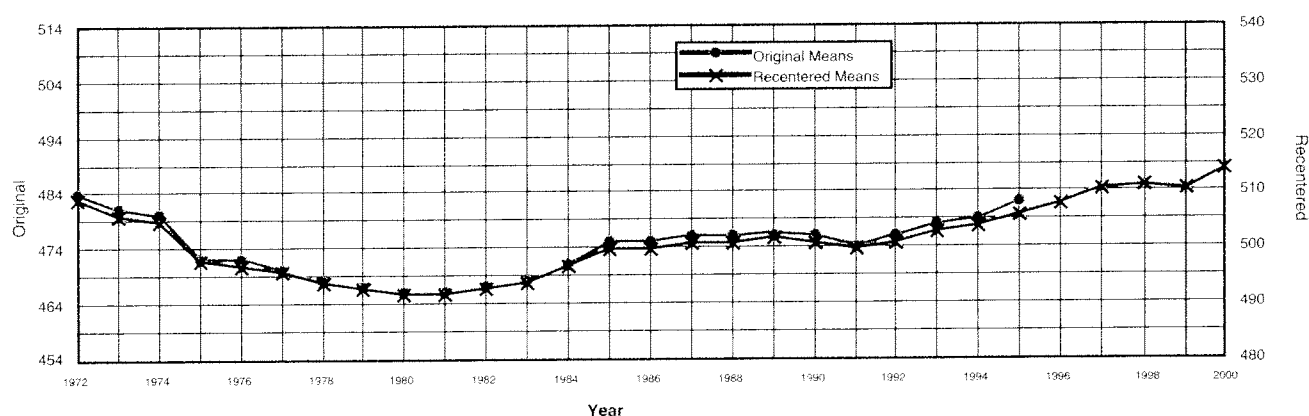
The following graphs demonstrate that although the numerical value of SAT scores has changed, the pattern of scores over time for college-bound seniors has not. (See also the table of recentered mean scores — 1972 through 2000 — for males, females, and all college-bound seniors.)

**Chart A: Mean SAT/SAT I Scores for National College-Bound Seniors 1972-2000\***

## 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. 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. For 2000, all scores are reported on the recentered scale.

# Using This Report

This *Profile of College-Bound Seniors* presents data for high school graduates in the year 2000 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, 1972-2000\*  
(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

\*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. For 2000, all scores are reported on the recentered scale.

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# Table 1

## 2000 Profile of College-Bound Seniors

### MASSACHUSETTS

#### 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 April 2000. 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				SAT I Mean Scores	
	Male	Female	Total	Verbal	Math
Total Number of Students	24,760	27,615	52,375		
Students with at Least One Student Descriptive Questionnaire (SDQ) Response	22,377	25,652	48,029		
Percent with at Least One SDQ Response	90	93	92		
<b>SAT Program Test Takers</b>					
All Students with Either SAT I or SAT II Scores	23,731	26,400	50,131		
Students with SAT I Scores	23,583	26,242	49,825	511	513
Students with SAT II Scores	7,528	8,763	16,291		
Students with Both SAT I and SAT II Scores	7,380	8,605	15,985	598	612
<b>Year in Which Seniors Last took SAT I</b>					
Senior	18,408	21,664	40,072	502	506
Junior	5,108	4,524	9,632	544	543
Sophomore	63	51	114	546	549
Freshman	4	3	7	444	523



**Table  
2**

**2000 Profile of College-Bound Seniors  
Academic Record  
MASSACHUSETTS**

High School Rank	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Top Tenth	5,657	16	42	58	610	622
Second Tenth	7,009	20	45	55	550	561
Second Fifth	9,490	27	47	53	508	513
Third Fifth	9,988	29	46	54	465	460
Fourth Fifth	1,948	6	51	49	434	424
Fifth Fifth	439	1	56	44	426	411
No Response	15,294					

High School Grade Point Average	Number	Percent	Male	Female	Verbal	Math
A + (97-100)	683	2	41	59	632	641
A (93-96)	3,042	7	38	62	604	612
A- (90-92)	5,894	14	40	60	579	590
B (80-89)	23,619	58	46	54	504	506
C (70-79)	7,328	18	55	45	437	429
D, E, or F (Below 70)	269	1	58	42	418	407
No Response	8,990					

**Mean Grade Point Average: All Students** 3.03

Years of Study in Six Academic Subjects	Number	Percent	Male	Female	Verbal	Math
20 or More Years	20,651	57	41	59	545	544
19 or 19½ Years	4,061	11	49	51	498	500
18 or 18½ Years	3,601	10	49	51	488	489
17 or 17½ Years	2,404	7	51	49	476	480
16 or 16½ Years	1,988	5	51	49	470	470
15 or 15½ Years	1,516	4	55	45	466	470
Less Than 15 Years	2,206	6	55	45	433	444
No Response	13,398					

Academic Subject	Average Years of Study			Grade Point Average: For Each Subject		
	Male	Female	Total	Male	Female	Total
Arts and Music	1.7	2.1	1.9	3.53	3.71	3.63
English	3.9	3.9	3.9	2.93	3.14	3.04
Foreign and Classical Languages	3.0	3.2	3.1	2.88	3.12	3.01
Mathematics	3.9	3.8	3.8	2.94	2.91	2.92
Natural Sciences	3.5	3.5	3.5	3.00	3.04	3.02
Social Sciences and History	3.5	3.5	3.5	3.12	3.16	3.15
<b>Total for All Subjects</b>	<b>19.5</b>	<b>20.0</b>	<b>19.7</b>	<b>Mean Grade Point Average: All Students</b>		
				Male	Female	Total
				2.85	3.08	3.03

**Table  
3-1**

**2000 Profile of College-Bound Seniors  
Course-Taking Patterns  
MASSACHUSETTS**

English	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
<b>Years of Study</b>						
More Than 4 Years	3,854	9	45	55	534	537
4 Years	31,841	75	45	55	510	510
3 Years	6,128	14	54	46	504	511
2 Years	361	1	56	44	484	525
1 Year	90	0	50	50	488	529
One-half Year or Less	57	0	67	33	438	475
No Response	7,494					
<b>Course Work or Experience</b>						
American Literature	35,566	87	46	54	526	525
Grammar	31,269	76	44	56	523	523
Composition	29,122	71	44	56	529	528
Literature Historical Periods	21,228	52	43	57	544	539
British Literature	17,560	43	45	55	548	542
Speaking and Listening	13,355	33	43	57	524	522
Literature Other Country	9,003	22	44	56	551	548
English as a Second Language	1,860	5	46	54	411	486
<b>Honors Course Taken</b>	14,361	34	39	61	579	572

**Mathematics**

<b>Years of Study</b>						
More Than 4 Years	5,186	12	51	49	532	561
4 Years	26,635	63	44	56	514	516
3 Years	9,431	22	47	53	496	484
2 Years	653	2	52	48	467	462
1 Year	94	0	37	63	476	485
One-half Year or Less	54	0	46	54	437	426
No Response	7,772					
<b>Course Work</b>						
Algebra	41,899	97	46	54	510	512
Geometry	41,085	95	46	54	513	515
Trigonometry	19,828	46	48	52	537	550
Precalculus	18,361	42	47	53	556	574
Other Math Courses	12,159	28	43	57	494	494
Calculus	9,494	22	48	52	583	615
Computer Math	4,029	9	63	37	519	541
<b>Honors Course Taken</b>	11,947	28	46	54	583	606

**Table  
3-2**

**2000 Profile of College-Bound Seniors  
Course-Taking Patterns (Continued)  
MASSACHUSETTS**

<b>Natural Sciences</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	3,656	9	46	54	546	562
4 Years	20,120	49	45	55	524	527
3 Years	13,907	34	47	53	499	496
2 Years	2,576	6	48	52	475	472
1 Year	737	2	46	54	451	459
One-half Year or Less	353	1	42	58	416	424
No Response	8,476					
<b>Course Work</b>						
Biology	41,903	97	46	54	512	513
Chemistry	38,248	88	46	54	518	521
Physics	22,189	51	50	50	537	552
Geology, Earth Science, or Space Science	20,938	48	46	54	502	500
Other Sciences	17,696	41	41	59	503	500
<b>Honors Course Taken</b>	12,292	30	44	56	585	596

**Social Sciences and History**

<b>Years of Study</b>						
More Than 4 Years	3,711	9	46	54	539	538
4 Years	19,513	47	45	55	522	519
3 Years	14,155	34	47	53	502	507
2 Years	3,602	9	46	54	477	492
1 Year	524	1	50	50	446	479
One-half Year or Less	250	1	46	54	438	459
No Response	8,070					
<b>Course Work</b>						
U.S. History	42,020	97	46	54	510	512
World History or Cultures	31,596	73	46	54	515	517
U.S. Government or Civics	19,752	46	47	53	504	503
Economics	5,893	14	55	45	518	530
Geography	7,440	17	46	54	479	484
Psychology	15,287	35	34	66	516	508
European History	13,163	30	49	51	542	540
Other Courses	8,781	20	42	58	521	520
Sociology	7,827	18	37	63	501	494
Ancient History	8,428	19	49	51	540	539
Anthropology	969	2	48	52	523	520
<b>Honors Course Taken</b>	13,113	31	43	57	582	581



**Table  
3-3****2000 Profile of College-Bound Seniors  
Course-Taking Patterns (Continued)  
MASSACHUSETTS**

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	3,805	9	39	61	571	578
4 Years	12,921	31	39	61	552	552
3 Years	14,015	34	48	52	509	510
2 Years	8,045	19	53	47	463	462
1 Year	1,070	3	57	43	429	439
One-half Year or Less	1,816	4	53	47	410	414
No Response	8,153					
<b>Course Work</b>						
Chinese	628	1	53	47	500	588
French	10,737	25	40	60	534	532
German	1,346	3	54	46	548	549
Greek	398	1	40	60	561	566
Hebrew	427	1	44	56	589	595
Italian	1,124	3	45	55	495	492
Japanese	267	1	52	48	517	561
Korean	109	0	49	51	490	593
Latin	6,457	15	45	55	557	556
Russian	453	1	46	54	541	559
Spanish	29,022	67	46	54	507	508
Other Languages	1,643	4	41	59	462	478
<b>Honors Course Taken</b>	11,364	27	39	61	581	584
<b>Arts and Music</b>						
<b>Years of Study</b>						
More Than 4 Years	3,166	8	38	62	554	547
4 Years	6,340	16	35	65	545	534
3 Years	4,657	12	38	62	523	519
2 Years	6,435	16	45	55	511	513
1 Year	7,995	20	49	51	505	511
One-half Year or Less	11,475	29	52	48	486	495
No Response	9,757					
<b>Course Work or Experience</b>						
Acting or Play Production	8,632	21	34	66	556	538
Art History or Appreciation	7,511	19	43	57	526	517
Dance	4,541	11	13	87	521	509
Drama: Study or Appreciation	5,578	14	33	67	545	525
Music: Study or Appreciation	6,196	15	49	51	551	545
Music Performance	12,483	31	38	62	547	542
Photography or Film	7,944	20	40	60	542	536
Studio Art and Design	11,778	29	41	59	533	530
None	9,930	25	55	45	482	493
<b>Honors Course Taken</b>	3,416	9	40	60	578	573
<b>Computer Course Work or Experience</b>						
Computer Literacy	27,318	67	46	54	522	523
Computer Programming	8,602	21	63	37	519	538
Word Processing	30,812	75	45	55	521	523
Internet Activity	22,536	55	47	53	525	527
Using Computer Graphics	11,433	28	55	45	523	528
Creating Spreadsheets/Databases	15,690	38	50	50	526	533
None	3,562	9	41	59	513	509

**Table  
4-1**

**2000 Profile of College-Bound Seniors  
Background Information  
MASSACHUSETTS**

SAT I Test Takers Who Described Themselves as:	Number of			Percent	
	Males	Females	Total	Male	Female
American Indian or Alaskan Native	130	110	240	54	46
Asian, Asian American, or Pacific Islander	1,087	1,208	2,295	47	53
African American or Black	922	1,221	2,143	43	57
Hispanic or Latino Background:					
Mexican or Mexican American	36	45	81	44	56
Puerto Rican	229	375	604	38	62
Latin American, South American, Central American, or Other Hispanic or Latino	437	596	1,033	42	58
White	15,174	17,799	32,973	46	54
Other	641	869	1,510	42	58
No Response	4,927	4,019	8,946	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	130	110	240	1	0	1
Asian, Asian American, or Pacific Islander	1,087	1,208	2,295	6	5	6
African American or Black	922	1,221	2,143	5	5	5
Hispanic or Latino Background:						
Mexican or Mexican American	36	45	81	0	0	0
Puerto Rican	229	375	604	1	2	1
Latin American, South American, Central American, or Other Hispanic or Latino	437	596	1,033	2	3	3
White	15,174	17,799	32,973	81	80	81
Other	641	869	1,510	3	4	4
<b>Total</b>	<b>18,656</b>	<b>22,223</b>	<b>40,879</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	476	454	466	98	93	96	493	446	471	113	103	111
Asian, Asian American, or Pacific Islander	471	477	474	135	134	135	564	532	547	132	125	129
African American or Black	432	432	432	106	109	108	439	415	426	107	103	105
Hispanic or Latino Background:												
Mexican or Mexican American	508	506	507	113	109	111	496	479	486	108	92	99
Puerto Rican	427	417	421	108	105	106	440	403	417	100	97	100
Latin American, South American, Central American, or Other Hispanic or Latino	447	425	435	112	118	116	471	421	442	119	108	115
White	526	521	523	104	103	104	539	506	521	109	105	108
Other	499	488	493	134	133	133	511	469	487	132	123	129
No Response	508	513	510	126	129	127	528	503	517	128	124	127

**Table  
4-2**

**2000 Profile of College-Bound Seniors  
Background Information (Continued)  
MASSACHUSETTS**

	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>	49,825		47	53	511	114	513	116
<b>First Language Learned</b>								
English	35,003	84	46	54	522	106	518	110
English and Another Language	3,141	8	42	58	475	119	484	122
Another Language	3,287	8	45	55	432	126	491	137
No Response	8,394							
<b>Citizenship</b>								
U.S. Citizen or U.S. National	38,586	94	46	54	518	107	515	112
U.S. Permanent Resident or Refugee	1,910	5	43	57	419	128	474	135
Citizen of Another Country	608	1	50	50	436	127	537	142
Other, Unknown, or No Response	8,721							
<b>Disabling Condition</b>								
Yes	4,235	8	50	50	476	113	475	117
No Response or Unknown	45,590	92	47	53				
<b>SAT I Taken Under</b>								
Standard Conditions	47,440	95	47	53	512	114	515	116
Nonstandard Conditions	2,385	5	59	41	473	113	474	122
<b>Plans to Apply for Financial Aid</b>								
Yes	32,642	78	44	56	505	110	505	111
No	2,684	6	52	48	553	115	569	118
Don't Know	6,419	15	52	48	525	115	530	118
<b>Family Income</b>								
Less Than \$10,000	1,266	4	36	64	409	112	428	111
\$10,000 - \$20,000	2,285	7	39	61	444	108	453	109
\$20,000 - \$30,000	3,060	9	43	57	471	104	473	107
\$30,000 - \$40,000	4,073	12	43	57	489	101	487	105
\$40,000 - \$50,000	3,542	11	47	53	504	103	500	104
\$50,000 - \$60,000	3,818	11	49	51	513	101	510	105
\$60,000 - \$70,000	3,272	10	49	51	519	99	520	105
\$70,000 - \$80,000	3,019	9	48	52	522	101	524	105
\$80,000 - \$100,000	3,730	11	50	50	543	102	544	106
More Than \$100,000	5,259	16	52	48	571	103	580	106
No Response	16,501							
<b>Highest Level of Parental Education</b>								
No High School Diploma	1,778	4	39	61	403	103	433	108
High School Diploma	12,632	31	43	57	474	97	473	102
Associate's Degree	4,020	10	43	57	490	97	489	100
Bachelor's Degree	11,538	29	48	52	529	102	530	105
Graduate Degree	10,193	25	49	51	570	109	572	113
<b>Calculator Experience</b>								
Use Almost Every Day	27,622	72	45	55	532	108	540	110
Use Once or Twice Weekly or Less	10,812	28	45	55	478	105	469	104
Never Use or No Response	11,391							
<b>Took the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT)</b>								
Only as a Junior	18,181	45	45	55	510	108	511	112
As a Sophomore or Younger, or as both a Jr. & a Soph. or Younger	16,250	40	43	57	541	104	543	106
No	6,242	15	51	49	454	111	456	113

**Table  
5**

**2000 Profile of College-Bound Seniors  
College Plans  
MASSACHUSETTS**

Intended College Major	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Agriculture or Natural Resources	450	1	40	60	490	471
Architecture or Environmental Design	820	2	58	42	496	517
Arts: Visual and Performing	3,218	8	40	60	523	500
Biological Sciences	2,058	5	37	63	556	551
Business and Commerce	5,702	15	54	46	489	513
Communications	2,093	5	41	59	533	508
Computer or Information Sciences	2,170	6	84	16	506	541
Education	3,260	8	19	81	485	476
Engineering	2,554	6	84	16	515	565
Foreign or Classical Languages	253	1	33	67	579	552
General or Interdisciplinary	171	0	39	61	564	548
Health and Allied Services	4,670	12	21	79	496	500
Home Economics	163	0	18	82	454	460
Language and Literature	670	2	34	66	618	556
Library and Archival Sciences	7	0	43	57	574	513
Mathematics	196	0	60	40	562	646
Military Sciences	158	0	83	17	502	505
Philosophy, Religion, or Theology	127	0	61	39	583	550
Physical Sciences	543	1	61	39	576	598
Public Affairs and Services	1,639	4	58	42	459	452
Social Sciences and History	4,455	11	33	67	544	520
Technical and Vocational	457	1	65	35	432	436
Undecided	3,473	9	50	50	522	524

**Degree-Level Goal**

Certificate Program	501	1	56	44	431	444
Associate's Degree	695	2	44	56	423	413
Bachelor's Degree	10,512	26	51	49	478	480
Master's Degree	12,037	30	45	55	524	528
Doctoral or Related Degree	6,300	16	39	61	565	566
Other	206	1	48	52	445	451
Undecided	10,179	25	45	55	516	515

**Plans for Advanced Standing in  
College Courses**

Art	1,510	4	41	59	511	506
Biology	3,780	10	42	58	588	594
Chemistry	2,377	6	55	45	581	617
Computer Science	1,529	4	80	20	526	565
English	6,502	17	37	63	601	582
Foreign Languages	4,657	12	37	63	584	587
Humanities	729	2	44	56	572	554
Mathematics	6,405	16	54	46	580	625
Music	1,284	3	49	51	503	502
Physics	1,955	5	68	32	599	644
Social Studies	5,679	15	48	52	607	596
None of These	21,774	56	45	55	481	478

**Table  
6**

**2000 Profile of College-Bound Seniors  
Score Distributions SAT I: Reasoning Test  
MASSACHUSETTS**

**Verbal**

Score Ranges	Number of			Percent		
	Males	Females	Total	Male	Female	Total
750-800	577	586	1,163	2	2	2
700-749	820	851	1,671	3	3	3
650-699	1,594	1,773	3,367	7	7	7
600-649	2,554	2,726	5,280	11	10	11
550-599	3,454	3,627	7,081	15	14	14
500-549	4,063	4,638	8,701	17	18	17
450-499	3,905	4,420	8,325	17	17	17
400-449	3,067	3,527	6,594	13	13	13
350-399	1,938	2,179	4,117	8	8	8
300-349	927	1,140	2,067	4	4	4
250-299	388	423	811	2	2	2
200-249	296	352	648	1	1	1

**Math**

Score Ranges	Number of			Percent		
	Males	Females	Total	Male	Female	Total
750-800	728	349	1,077	3	1	2
700-749	1,346	751	2,097	6	3	4
650-699	2,210	1,631	3,841	9	6	8
600-649	2,803	2,496	5,299	12	10	11
550-599	3,468	3,634	7,102	15	14	14
500-549	3,839	4,122	7,961	16	16	16
450-499	3,531	4,588	8,119	15	17	16
400-449	2,656	3,852	6,508	11	15	13
350-399	1,616	2,488	4,104	7	9	8
300-349	853	1,493	2,346	4	6	5
250-299	365	567	932	2	2	2
200-249	168	271	439	1	1	1

**Number of**

	Males	Females	Total
Number	23,583	26,242	49,825
Mean	513	509	511
Standard Deviation	114	114	114
<b>Percentile</b>			
75th	590	590	590
50th (Median)	510	510	510
25th	440	430	430

**Number of**

	Males	Females	Total
Number	23,583	26,242	49,825
Mean	531	498	513
Standard Deviation	118	113	116
<b>Percentile</b>			
75th	620	580	590
50th (Median)	530	490	510
25th	450	420	430

**NATIONAL**

Number	583,331	676,947	1,260,278
Mean	507	504	505
Standard Deviation	112	110	111
<b>Percentile</b>			
75th	580	580	580
50th (Median)	510	500	500
25th	430	430	430

Number	583,331	676,947	1,260,278
Mean	533	498	514
Standard Deviation	115	109	113
<b>Percentile</b>			
75th	620	570	590
50th (Median)	530	490	510
25th	450	420	440

**Table  
7-1**

**2000 Profile of College-Bound Seniors  
Score Distributions SAT II: Subject Tests  
MASSACHUSETTS**

Students who took one or more different SAT II: Subject Tests.

Number of Subject Tests	Number	Percent
1	1,246	8
2	1,955	12
3	6,944	43
4 or more	6,146	38

Score Ranges	English		Literature		History and Social Studies			
	Writing Number	Percent	Number	Percent	American History Number	Percent	World History Number	Percent
750-800	1,444	10	261	7	164	4	23	5
700-749	1,871	13	430	12	356	8	23	5
650-699	2,040	14	596	17	542	13	65	13
600-649	2,667	18	707	20	762	18	80	16
550-599	2,447	17	625	17	736	17	90	18
500-549	1,975	14	474	13	792	19	76	15
450-499	1,216	8	275	8	555	13	76	15
400-449	618	4	146	4	249	6	51	10
350-399	202	1	59	2	56	1	13	3
300-349	73	1	10	0	11	0	1	0
250-299	8	0	1	0				
200-249	1	0						
Number	14,562		3,584		4,223		498	
Mean	607		604		578		564	
Standard Deviation	103		97		94		100	
Percentile								
75th	690		680		650		640	
50th (Median)	610		610		580		560	
25th	530		540		510		490	

**Students Who Also Have SAT I Scores**

Number	14,434	3,550	4,185	486
<b>Verbal</b>				
Mean	606	629	626	638
Standard Deviation	95	88	92	96
<b>Math</b>				
Mean	618	602	617	622
Standard Deviation	89	87	89	93

**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.
- For the 15,985 students who took any SAT II: Subject Test and the SAT I test, the mean SAT I verbal score was 598 (standard deviation = 98) and the mean SAT I math score was 612 (standard deviation = 91).
- Averages across Subject Tests are no longer reported. Because the average reflects different combinations of tests, scores on individual tests are more useful.

**Table  
7-2**

**2000 Profile of College-Bound Seniors  
Score Distributions SAT II: Subject Tests (Continued)  
MASSACHUSETTS**

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	243	2	866	18	78	3	26	2	74	4	303	7	158	9
700-749	1,069	10	706	14	238	8	98	7	213	12	396	9	287	16
650-699	1,683	16	888	18	403	13	181	13	313	18	572	13	285	16
600-649	2,026	19	1,008	21	635	21	259	19	330	19	761	17	375	20
550-599	2,152	20	853	17	588	19	246	18	280	16	835	19	352	19
500-549	1,875	17	440	9	576	19	237	18	251	15	784	18	212	12
450-499	1,099	10	112	2	335	11	154	11	153	9	482	11	123	7
400-449	457	4	35	1	180	6	103	8	67	4	219	5	38	2
350-399	137	1	4	0	54	2	27	2	19	1	26	1	6	0
300-349	38	0			1	0	15	1	5	0				
250-299	1	0					1	0						
200-249														
Number	10,780		4,912		3,088		1,347		1,705		4,378		1,836	
Mean	586		650		577		569		600		591		622	
Standard Deviation	89		88		89		94		93		96		91	
Percentile														
75th	650		720		640		640		670		660		690	
50th (Median)	590		650		580		570		610		580		620	
25th	520		580		510		500		530		520		560	
<b>Students Who Also Have SAT I Scores</b>														
Number	10,667		4,886		3,030		1,315		1,678		4,336		1,820	
<b>Verbal</b>														
Mean	590		636		636		600		620		627		625	
Standard Deviation	95		98		88		91		89		97		101	
<b>Math</b>														
Mean	609		680		645		603		631		661		681	
Standard Deviation	83		73		85		91		84		81		74	

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

**Table  
7-3**

**2000 Profile of College-Bound Seniors  
Score Distributions SAT II: Subject Tests (Continued)  
MASSACHUSETTS**

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	69	51	147	13	36	14	15	19	8	20	6	15
700-749	10	7	120	11	31	12	8	10	4	10	4	10
650-699	20	15	155	14	34	13	7	9	4	10	1	3
600-649	13	10	159	14	49	19	9	12	10	24	6	15
550-599	15	11	164	15	47	18	4	5	5	12	6	15
500-549	5	4	140	13	28	11	10	13	6	15	9	23
450-499	3	2	111	10	20	8	15	19	1	2	3	8
400-449			82	7	7	3	9	12	3	7	2	5
350-399			28	3	3	1	1	1			1	3
300-349			1	0							2	5
250-299												
200-249												
Number	135		1,107		255		78		41		40	
Mean	707		603		621		597		628		588	
Standard Deviation	94		113		102		130		106		129	
Percentile												
75th	790		690		700		710		710		680	
50th (Median)	750		600		610		570		610		560	
25th	640		520		550		480		540		520	
<b>Students Who Also Have SAT I Scores</b>												
Number	133		1,099		254		76		41		39	
<b>Verbal</b>												
Mean	535		640		633		615		610		645	
Standard Deviation	139		95		86		112		99		92	
<b>Math</b>												
Mean	653		636		619		632		627		646	
Standard Deviation	96		93		88		92		86		82	

**Points to Note:**

- Includes scores placed on hold by students and not released.
- Provisional scores reported for students who took Chinese with Listening in April 1994 are not included on this report. Comparisons between the provisional scores and subsequent scores on this test should not be made.



**Table  
7-4**

**2000 Profile of College-Bound Seniors  
Score Distributions SAT II: Subject Tests (Continued)  
MASSACHUSETTS**

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	7	17	12	50	20	71	50	10	147	8	25	6
700-749	4	10	2	8	1	4	49	10	177	9	36	9
650-699	4	10	2	8			48	10	213	11	57	15
600-649	6	15	2	8	3	11	62	13	269	14	73	19
550-599	4	10	1	4	1	4	76	16	291	15	59	15
500-549	6	15	1	4	1	4	87	18	334	17	71	18
450-499	6	15	1	4	1	4	80	17	237	12	40	10
400-449	4	10	1	4			27	6	166	9	18	5
350-399			1	4	1	4	4	1	76	4	8	2
300-349			1	4			1	0	13	1	3	1
250-299									3	0	3	1
200-249												
Number	41		24		28		484		1,926		393	
Mean	603		674		729		587		574		587	
Standard Deviation	119				114		107		111		102	
Percentile												
75th	680		800				670		660		660	
50th (Median)	560		740		800		570		570		590	
25th	480		550		640		500		490		520	
<b>Students Who Also Have SAT I Scores</b>												
Number	41		23		28		482		1,912		391	
<b>Verbal</b>												
Mean	588		552		500		655		615		619	
Standard Deviation	94				97		92		91		85	
<b>Math</b>												
Mean	595		671		655		655		620		617	
Standard Deviation	96				92		85		89		79	

**Points to Note:**

- Includes scores placed on hold by students and not released.
- Provisional scores reported for students who took Japanese with Listening in April 1993 and Korean with Listening in November 1997 are not included on this report. Comparisons between the provisional scores and subsequent scores on these tests should not be made.

**Table  
8**

**2000 Profile of College-Bound Seniors  
High School Information  
MASSACHUSETTS**

Size of Senior Class	SAT I Test Takers		Percent		SAT I Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
More than 1,000						
750 - 1,000						
500 - 749	1,850	4	42	58	463	465
250 - 499	13,599	28	48	52	509	519
100 - 249	25,514	53	48	52	514	516
Fewer than 100	7,008	15	45	55	527	522
Unknown	1,854					
<b>Type of High School</b>						
Public	38,728	80	46	54	504	508
Religiously Affiliated	5,616	12	51	49	523	512
Independent	4,056	8	54	46	573	590
Other or Unknown	1,425					
<b>Location of High School</b>						
Large City	6,789	14	47	53	477	484
Medium-size City	7,256	15	47	53	480	485
Small City or Town	10,155	21	48	52	519	519
Suburban	20,400	42	47	53	529	533
Rural	3,834	8	49	51	526	526
Unknown	1,391					

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

**Table  
9**

**2000 Profile of College-Bound Seniors  
Colleges, Universities, and Scholarship Programs  
MASSACHUSETTS**

**Colleges, universities, and scholarship programs that received the most  
SAT Program Score Reports from your students.**

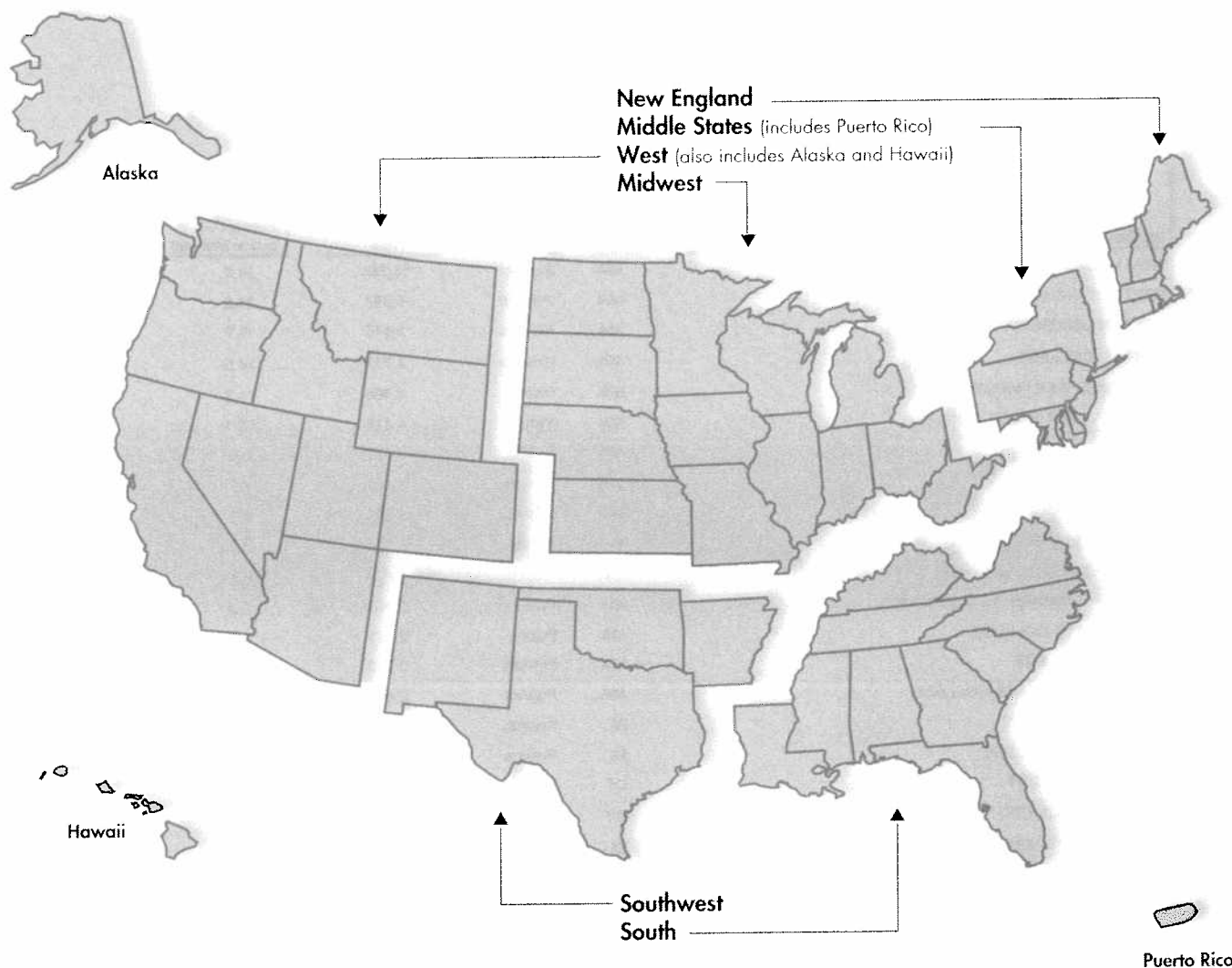
<b>Institution</b>	<b>State</b>	<b>Type</b>	<b>Number of Students</b>	<b>Percent of Score Senders</b>
UNIV MASS AMHERST*	MA	Public	13,755	34.8
NORTHESTRN UNIVERSITY	MA	Private	8,387	21.2
BOSTON UNIVERSITY	MA	Private	6,975	17.7
BOSTON COLLEGE	MA	Private	5,713	14.5
UNIV MASS DARTMOUTH	MA	Public	4,464	11.3
BRIDGEWATER STATE COLLEGE	MA	Public	4,115	10.4
UNIV MASS BOSTON	MA	Public	3,455	8.7
TUFTS UNIVERSITY	MA	Private	3,451	8.7
STONEHILL COLLEGE	MA	Private	3,301	8.4
UNIV MASS LOWELL	MA	Public	3,195	8.1
WESTFIELD STATE COLLEGE	MA	Public	3,066	7.8
UNIV NEW HAMPSHIRE DURHAM	NH	Public	2,968	7.5
SALEM STATE COLLEGE	MA	Public	2,961	7.5
BENTLEY COLLEGE	MA	Private	2,685	6.8
FRAMINGHAM STATE COLLEGE	MA	Public	2,407	6.1
BROWN UNIVERSITY	RI	Private	2,404	6.1
PROVIDENCE COLLEGE	RI	Private	2,374	6.0
UNIV CONNECTICUT	CT	Public	2,324	5.9
NEW YORK UNIVERSITY	NY	Private	2,320	5.9
UNIV RHODE ISLAND	RI	Public	2,111	5.3
HARVARD UNDERGRAD ADM	MA	Private	2,093	5.3
MERRIMACK COLLEGE	MA	Private	2,083	5.3
SUFFOLK UNIVERSITY	MA	Private	2,044	5.2
FITCHBURG ST COLLEGE	MA	Public	2,019	5.1
UNIV VERMONT	VT	Public	2,013	5.1
SYRACUSE UNIVERSITY	NY	Private	1,943	4.9
COLL HOLY CROSS	MA	Private	1,930	4.9
ASSUMPTION COLLEGE	MA	Private	1,901	4.8
WORCESTER STATE COLLEGE	MA	Public	1,882	4.8
WORCESTER POLY INSTITUTE	MA	Private	1,663	4.2
QUINNIPIAC UNIVERSITY	CT	Private	1,654	4.2
ST ANSELM COLLEGE	NH	Private	1,536	3.9
MASS INSTITUTE TECHNOLOGY	MA	Private	1,502	3.8
EMERSON COLLEGE	MA	Private	1,499	3.8
BRANDEIS UNIVERSITY	MA	Private	1,497	3.8
CORNELL UNIVERSITY	NY	Private	1,488	3.8
WENTWORTH INSTITUTE TECH	MA	Private	1,421	3.6
FAIRFIELD UNIVERSITY	CT	Private	1,360	3.4
CLARK UNIVERSITY	MA	Private	1,320	3.3

2,304 Number of colleges, universities, or scholarship programs, not listed, that received reports from your students.

2,343 Total number of colleges, universities, or scholarship programs that received reports from your students.

\*Main Campus

# Areas served by College Board Regional Offices



**COLLEGE BOARD ONLINE: [www.collegeboard.org](http://www.collegeboard.org)**

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