

2005 College-Bound Seniors

State Profile Report

MASSACHUSETTS



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The SAT® Program

The SAT Reasoning Test™ (formerly known as the SAT I: Reasoning Test) assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2005* includes students who tested through March 2005.

Using This Report

College-Bound Seniors presents data for high school graduates in the year 2005 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors;
- study changes over time in the characteristics of students taking SAT tests; and
- look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test scores to compare or evaluate teachers, schools, districts, states, or other educational units is not valid, and the College Board strongly discourages such uses.
- interpreting SAT Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT Reasoning Test mean scores reported for students will be higher than the national average.

Statistical Definitions*

• Mean

The *mean* is the arithmetic average.

• Percentile

The *percentile*, also called the percentile point, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th, and 75th percentile points are often reported for large data sets. The 50th percentile point, like the mean, gives an idea of the performance of the typical student. Comparing the 25th to the 75th percentile point gives an idea of the range of ability in the population.

• Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses the 200–800 scale.

• Standard deviation (SD)

The *standard deviation* (SD) is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the SD is smaller than it would be with a more diverse group and a greater scatter of scores around the mean.

*

For more statistical information, visit the College Board Web site at www.collegeboard.com.

The College Board: Connecting Students to College Success

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 4,700 schools, colleges, universities, and other educational organizations. Each year, the College Board serves over three and a half million students and their parents, 23,000 high schools, and 3,500 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment, and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities, and concerns.

**Total Group Mean SAT Reasoning Test™ Scores for College-Bound Seniors,
1972–2005*
(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
2003	512	503	507	537	503	519
2004	512	504	508	537	501	518
2005	513	505	508	538	504	520

*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 2000–2005, all scores are reported on the recentered scale.

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MASSACHUSETTS

Students Who Registered for the SAT Reasoning Test or an SAT Subject Test			
	Male	Female	Total
Total Number of Students	29,359	32,488	61,847
Students with at Least One SAT Questionnaire Response	27,321	30,706	58,027
Percent with at Least One SAT Questionnaire Response	93	95	94

SAT Program Test-Takers	Male	Female	Total	SAT Reasoning Test Mean Scores	
				Verbal	Math
Students with Either SAT Reasoning Test or SAT Subject Test Scores	28,223	31,250	59,473		
Students with SAT Reasoning Test Scores	28,047	31,057	59,104	520	527
Students with SAT Subject Test Scores	8,415	9,789	18,204		
Students with Both SAT Reasoning Test and SAT Subject Test Scores	8,239	9,596	17,835	615	628

Year in Which Seniors Last Took SAT Reasoning Test	Male	Female	Total	SAT Reasoning Test Mean Scores	
				Verbal	Math
Senior	20,533	24,447	44,980	510	518
Junior	7,250	6,396	13,646	549	553
Sophomore	228	195	423	576	587
Freshman	36	19	55	560	568

Points to Note for This Report:

- This report summarizes information for seniors who took the SAT Reasoning Test and/or the SAT Subject Tests any time during their high school years through March 2005. 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 SAT Questionnaire.
- The most recent responses to the SAT Questionnaire are summarized.

TABLE 2

2005 COLLEGE-BOUND SENIORS

Academic Record



MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
High School Rank						
Top Tenth	5,943	25	42	58	609	623
Second Tenth	5,345	23	44	56	545	561
Second Fifth	5,252	22	47	53	506	517
Third Fifth	5,780	24	49	51	465	469
Fourth Fifth	1,023	4	54	46	440	434
Fifth Fifth	320	1	53	47	433	430
No Response	35,441					
High School Grade Point Average						
A+ (97-100)	836	2	39	61	636	643
A (93-96)	4,536	9	37	63	608	621
A- (90-92)	7,928	16	40	60	579	592
B (80-89)	28,692	57	47	53	509	516
C (70-79)	8,054	16	58	42	443	442
D, E or F (Below 70)	265	1	63	37	410	404
No Response	8,793					
Mean Grade Point Average: All Students: 3.09		Male: 3.01		Female: 3.17		
Years of Study in Six Academic Subjects						
20 or More Years	26,110	61	42	58	550	554
19 or 19.5 Years	4,713	11	52	48	504	511
18 or 18.5 Years	3,885	9	49	51	490	497
17 or 17.5 Years	2,496	6	51	49	470	477
16 or 16.5 Years	2,064	5	50	50	455	460
15 or 15.5 Years	1,485	3	49	51	458	467
Less Than 15 Years	2,248	5	51	49	454	470
No Response	16,103					
Average Years of Study						
	Male	Female	Total	Grade Point Average: For Each Subject		
				Male	Female	Total
Academic Subject						
Arts and Music	1.7	2.1	2.0	3.54	3.75	3.66
English	3.9	3.9	3.9	3.00	3.24	3.13
Foreign and Classical Languages	2.9	3.2	3.1	2.93	3.21	3.08
Mathematics	3.9	3.8	3.9	2.99	2.99	2.99
Natural Sciences	3.6	3.6	3.6	3.04	3.12	3.08
Social Sciences and History	3.7	3.6	3.7	3.16	3.24	3.20
Total for All Subjects	19.7	20.2	20.2			

Point to Note:

- "High School Grade Point Averages" and "Years of Study in Academic Subjects" calculations are based upon the number of SAT Reasoning Test takers. In previous years, this number was calculated using the number of all students who registered for either the SAT Reasoning Test or SAT Subject Tests, but who did not necessarily take an SAT Program test.

TABLE 3-1

2005 COLLEGE-BOUND SENIORS

Course-Taking Patterns



MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
English						
Years of Study						
More Than 4 Years	3,202	7	44	56	532	538
4 Years	37,280	80	46	54	523	528
3 Years	5,160	11	46	54	481	488
2 Years	610	1	49	51	518	542
1 Year	226	0	47	53	528	548
One-half Year or Less	164	0	59	41	469	486
No Response	12,462					
Course Work or Experience						
American Literature	36,647	87	46	54	528	532
Grammar	27,810	66	44	56	528	532
Composition	26,802	63	45	55	537	538
Literature Historical Periods	19,122	45	44	56	552	550
British Literature	15,751	37	46	54	555	553
Speaking and Listening	10,941	26	43	57	527	530
Literature Other Country	8,157	19	44	56	565	562
English as a Second Language	1,455	3	42	58	411	489
Honors Course Taken	16,860	36	39	61	578	576
Mathematics						
Years of Study						
More Than 4 Years	4,343	9	50	50	537	568
4 Years	32,476	70	46	54	525	532
3 Years	8,757	19	43	57	487	478
2 Years	686	1	48	52	515	523
1 Year	178	0	47	53	527	547
One-half Year or Less	167	0	56	44	472	479
No Response	12,497					
Course Work						
Algebra	44,805	97	46	54	517	523
Geometry	43,787	95	46	54	519	526
Trigonometry	18,733	41	48	52	544	559
Precalculus	21,822	47	47	53	558	577
Other Math Courses	12,705	28	44	56	503	507
Calculus	11,486	25	51	49	587	618
Computer Math	3,685	8	61	39	521	542
Honors Course Taken	14,191	30	47	53	582	608

TABLE 3-2

2005 COLLEGE-BOUND SENIORS
Course-Taking Patterns (Continued)



MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Natural Sciences						
Years of Study						
More Than 4 Years	3,182	7	46	54	550	570
4 Years	25,992	56	47	53	533	540
3 Years	13,773	30	44	56	496	496
2 Years	2,028	4	48	52	491	496
1 Year	666	1	48	52	482	494
One-half Year or Less	451	1	49	51	442	458
No Response	13,012					
Course Work						
Biology	44,615	97	46	54	519	525
Chemistry	40,987	89	46	54	524	531
Physics	25,345	55	51	49	542	557
Geology, Earth Science, or Space Sciences	19,073	41	47	53	513	515
Other Sciences	19,936	43	41	59	510	512
Honors Course Taken	14,606	32	45	55	584	599
Social Sciences and History						
Years of Study						
More Than 4 Years	3,337	7	46	54	543	544
4 Years	26,948	58	47	53	531	533
3 Years	13,705	30	44	56	494	505
2 Years	1,795	4	46	54	502	518
1 Year	387	1	48	52	506	535
One-half Year or Less	250	1	51	49	449	473
No Response	12,682					
Course Work						
U.S. History	44,761	97	46	54	517	523
World History or Cultures	38,914	85	45	55	520	526
U.S. Government or Civics	13,183	29	49	51	517	519
Economics	5,775	13	56	44	529	547
Geography	6,335	14	45	55	482	490
Psychology	15,170	33	35	65	524	522
European History	13,055	28	49	51	549	549
Other Courses	10,718	23	45	55	525	528
Sociology	6,802	15	37	63	513	508
Ancient History	9,113	20	49	51	532	533
Anthropology	897	2	41	59	525	522
Honors Course Taken	16,415	35	44	56	580	582

TABLE 3-3

2005 COLLEGE-BOUND SENIORS
Course-Taking Patterns (Continued)



MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Foreign and Classical Languages						
Years of Study						
More Than 4 Years	2,782	6	39	61	571	578
4 Years	15,685	34	40	60	564	567
3 Years	14,639	32	48	52	515	522
2 Years	9,646	21	52	48	472	478
1 Year	1,252	3	55	45	441	453
One-half Year or Less	2,139	5	55	45	418	433
No Response	12,961					
Course Work						
Chinese	840	2	48	52	516	578
French	11,551	25	40	60	542	542
German	1,101	2	55	45	551	554
Greek	354	1	53	47	571	568
Hebrew	498	1	45	55	581	586
Italian	1,361	3	43	57	504	509
Japanese	314	1	52	48	522	553
Korean	129	0	50	50	518	615
Latin	6,376	14	48	52	567	569
Russian	393	1	47	53	531	546
Spanish	30,853	67	45	55	514	519
Other Languages	1,460	3	41	59	475	493
Honors Course Taken	13,293	29	38	62	583	590
Arts and Music						
Years of Study						
More Than 4 Years	2,068	5	36	64	544	541
4 Years	8,545	19	37	63	555	550
3 Years	5,300	12	40	60	526	526
2 Years	8,215	18	45	55	521	526
1 Year	8,779	20	49	51	511	522
One-half Year or Less	11,725	26	54	46	493	507
No Response	14,472					
Course Work or Experience						
Acting or Play Production	7,532	18	34	66	560	546
Art History or Appreciation	6,761	16	41	59	531	525
Dance	4,340	10	10	90	518	515
Drama: Study or Appreciation	5,821	14	32	68	550	537
Music: Study or Appreciation	6,281	15	52	48	555	549
Music Performance	12,770	31	39	61	553	551
Photography or Film	9,151	22	39	61	539	538
Studio Art and Design	12,391	30	39	61	540	542
None	9,542	23	56	44	485	501
Honors Course Taken	4,099	9	39	61	582	582
Computer Course Work or Experience						
Computer Literacy	24,881	58	47	53	523	528
Computer Programming	7,921	19	63	37	523	541
Word Processing	28,223	66	45	55	522	526
Internet Activity	20,410	48	47	53	526	531
Using Computer Graphics	13,759	32	52	48	527	533
Creating Spreadsheets/Databases	14,763	35	49	51	532	538
None	6,003	14	39	61	527	530

TABLE 4-1

2005 COLLEGE-BOUND SENIORS

Background Information

MASSACHUSETTS

SAT Reasoning Test Takers Who Described Themselves As:	Number			Percent	
	Males	Females	Total	Male	Female
	American Indian or Alaskan Native	134	139	273	49
Asian, Asian American, or Pacific Islander	1,522	1,608	3,130	49	51
African American or Black	1,415	1,718	3,133	45	55
Mexican or Mexican American	72	81	153	47	53
Puerto Rican	305	550	855	36	64
Latin American, South American, Central American, or Other Hispanic or Latino	701	926	1,627	43	57
White	19,096	21,001	40,097	48	52
Other	872	1,269	2,141	41	59
No Response	3,930	3,765	7,695	51	49

SAT Reasoning Test Takers Who Described Themselves As:	Number			Percent Responding		
	Males	Females	Total	Male	Female	Total
	American Indian or Alaskan Native	134	139	273	1	1
Asian, Asian American, or Pacific Islander	1,522	1,608	3,130	6	6	6
African American or Black	1,415	1,718	3,133	6	6	6
Mexican or Mexican American	72	81	153	0	0	0
Puerto Rican	305	550	855	1	2	2
Latin American, South American, Central American, or Other Hispanic or Latino	701	926	1,627	3	3	3
White	19,096	21,001	40,097	79	77	78
Other	872	1,269	2,141	4	5	4
Total	24,117	27,292	51,409	100	100	100

SAT Reasoning Test Takers Who Described Themselves As:	Verbal						Math					
	Mean Scores			Standard Deviations			Mean Scores			Standard Deviations		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total
American Indian or Alaskan Native	491	490	491	98	105	102	502	471	486	106	111	110
Asian, Asian American, or Pacific Islander	500	498	499	134	135	134	587	560	573	124	126	126
African American or Black	432	430	431	109	107	108	446	422	433	107	97	102
Mexican or Mexican American	528	503	514	122	111	117	550	485	516	108	106	112
Puerto Rican	432	418	423	105	95	99	446	416	427	103	92	97
Latin American, South American, Central American, or Other Hispanic or Latino	457	433	443	115	112	114	480	434	454	112	106	111
White	535	527	531	102	101	101	551	518	534	105	101	105
Other	503	488	494	125	121	123	521	484	499	120	117	119
No Response	545	540	542	138	139	138	557	531	544	136	135	136

TABLE 4-2

2005 COLLEGE-BOUND SENIORS
Background Information (Continued)

MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Verbal		Math	
	Number	Percent	Male	Female	Mean	Std Dev	Mean	Std Dev
All SAT Reasoning Test Takers	59,104	100	47	53	520	114	527	115
First Language Learned								
English	44,707	83	47	53	529	105	530	108
English and Another Language	4,895	9	45	55	480	118	497	121
Another Language	4,076	8	45	55	450	128	510	137
No Response	5,426							
Citizenship								
U.S. Citizen or U.S. National	49,154	95	47	53	525	108	527	110
U.S. Permanent Resident or Refugee	1,706	3	44	56	433	131	491	133
Citizen of Another Country	816	2	51	49	466	133	575	138
Other, Unknown, or No Response	7,428							
Disabling Condition								
Yes	4,481	8	56	44	481	114	481	117
No Response or Unknown	54,623	92	47	53				
SAT Reasoning Test Taken Under								
Standard Conditions	56,134	95	47	53	522	114	528	115
Nonstandard Conditions	2,970	5	58	42	488	120	495	124
Plans to Apply for Financial Aid								
Yes	36,761	74	44	56	510	108	514	108
No	3,301	7	52	48	566	111	580	113
Don't Know	9,620	19	53	47	532	112	541	114
Family Income								
Less Than \$10,000	1,383	4	34	66	413	113	437	110
\$10,000 - \$20,000	2,199	6	38	62	442	110	461	108
\$20,000 - \$30,000	2,384	7	42	58	466	106	473	105
\$30,000 - \$40,000	3,077	9	43	57	486	100	490	103
\$40,000 - \$50,000	2,726	8	46	54	500	100	502	99
\$50,000 - \$60,000	3,164	9	49	51	507	99	511	103
\$60,000 - \$70,000	3,165	9	49	51	514	98	514	102
\$70,000 - \$80,000	3,355	10	51	49	519	99	521	102
\$80,000 - \$100,000	5,117	15	51	49	530	98	534	102
More Than \$100,000	8,154	23	54	46	562	103	573	106
No Response	24,380							
Highest Level of Parental Education								
No High School Diploma	1,798	4	40	60	408	101	441	106
High School Diploma	14,734	29	43	57	476	97	482	101
Associate Degree	5,015	10	45	55	494	93	496	95
Bachelor's Degree	15,140	30	49	51	532	100	537	103
Graduate Degree	13,714	27	50	50	574	107	579	108
Calculator Experience								
Use Almost Every Day	28,164	67	45	55	539	108	548	109
Use Once or Twice Weekly or Less	13,672	33	47	53	493	105	494	104
Never Use or No Response	17,268							
Took the PSAT/NMSQT								
Yes, as a Junior	18,939	41	46	54	512	105	519	106
Yes, as a Sophomore or Younger	6,576	14	46	54	530	107	535	108
Yes, as a Junior and as a Sophomore or Younger	10,897	24	43	57	568	98	574	99
No	9,363	20	52	48	474	113	479	115

TABLE 5

2005 COLLEGE-BOUND SENIORS

College Plans

MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Intended College Major						
Agriculture or Natural Resources	307	1	37	63	498	482
Architecture or Environmental Design	975	3	57	43	502	536
Arts: Visual and Performing	3,371	9	41	59	527	510
Biological Sciences	1,929	5	33	67	558	563
Business and Commerce	5,566	15	57	43	500	524
Communications	1,756	5	42	58	538	520
Computer or Information Sciences	1,350	4	88	12	519	549
Education	2,487	7	17	83	497	492
Engineering and Engineering Technologies	2,492	7	87	13	535	584
Foreign or Classical Languages	288	1	30	70	593	571
General or Interdisciplinary Studies	145	0	51	49	560	544
Health and Allied Services	4,944	14	19	81	491	501
Home Economics	134	0	16	84	481	476
Language and Literature	839	2	31	69	612	560
Library and Archival Sciences	10	0	20	80	515	481
Mathematics	306	1	63	37	557	646
Military Sciences	194	1	91	9	537	536
Philosophy, Religion, or Theology	164	0	54	46	582	555
Physical Sciences	507	1	60	40	573	595
Public Affairs and Services	1,419	4	50	50	474	469
Social Sciences and History	3,593	10	36	64	553	533
Technical and Vocational	585	2	75	25	438	453
Undecided	2,771	8	52	48	527	539
Degree-Level Goal						
Certificate Program	465	1	54	46	455	467
Associate Degree	705	1	48	52	423	417
Bachelor's Degree	12,268	25	51	49	485	490
Master's Degree	13,319	27	45	55	528	535
Doctoral or Related Degree	6,595	13	39	61	564	570
Other	238	0	41	59	436	458
Undecided	15,593	32	48	52	526	532
Plans for Advanced Standing in College Courses						
Art	1,509	4	35	65	516	517
Biology	3,829	9	38	62	587	598
Chemistry	2,648	6	52	48	589	625
Computer Science	1,069	3	79	21	549	588
English	7,838	19	35	65	594	581
Foreign Languages	4,694	11	36	64	593	595
Humanities	876	2	39	61	595	581
Mathematics	7,043	17	54	46	584	629
Music	1,019	2	47	53	513	518
Physics	2,319	6	67	33	604	648
Social Studies	7,836	19	47	53	602	596
None of These	21,832	53	47	53	484	486

TABLE 6

2005 COLLEGE-BOUND SENIORS
Score Distributions SAT Reasoning Test



MASSACHUSETTS

Score Ranges	Verbal						Math					
	Number			Percent			Number			Percent		
	Males	Females	Total	M	F	Total	Males	Females	Total	M	F	Total
750-800	868	809	1,677	3	3	3	1,070	500	1,570	4	2	3
700-749	1,246	1,118	2,364	4	4	4	1,860	1,165	3,025	7	4	5
650-699	2,213	2,201	4,414	8	7	7	3,005	2,379	5,384	11	8	9
600-649	3,310	3,464	6,774	12	11	11	3,799	3,332	7,131	14	11	12
550-599	4,207	4,324	8,531	15	14	14	4,210	4,211	8,421	15	14	14
500-549	4,899	5,353	10,252	17	17	17	4,705	5,572	10,277	17	18	17
450-499	4,520	5,440	9,960	16	18	17	3,770	4,908	8,678	13	16	15
400-449	3,330	3,960	7,290	12	13	12	2,845	4,257	7,102	10	14	12
350-399	1,859	2,383	4,242	7	8	7	1,568	2,606	4,174	6	8	7
300-349	924	1,184	2,108	3	4	4	763	1,351	2,114	3	4	4
250-299	426	505	931	2	2	2	306	522	828	1	2	1
200-249	245	316	561	1	1	1	146	254	400	1	1	1
Total	28,047	31,057	59,104				28,047	31,057	59,104			
Mean	525	515	520				545	511	527			
Std Dev	115	114	114				116	112	115			
Percentile												
75th	600	590	600				630	590	610			
50th	520	510	520				540	510	520			
25th	450	440	440				460	430	450			
Total Group												
Total	686,298	789,325	1,475,623				686,298	789,325	1,475,623			
Mean	513	505	508				538	504	520			
Std Dev	114	112	113				116	111	115			
Percentile												
75th	590	580	580				620	580	600			
50th	510	500	510				540	500	520			
25th	440	430	430				460	430	440			

TABLE 7-1

2005 COLLEGE-BOUND SENIORS
Score Distributions SAT Subject Tests



MASSACHUSETTS

Students who took one or more different SAT Subject Tests

Number of Tests	Number of Students	Percent
1	1,939	11
2	2,562	14
3	8,933	49
4 or More	4,770	26

Score Ranges	English				History and Social Studies			
	Writing		Literature		U. S. History		World History	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
750-800	1,827	12	255	7	452	10	70	11
700-749	2,329	15	496	14	604	13	67	10
650-699	2,707	17	671	18	868	19	113	17
600-649	2,901	19	655	18	773	17	120	18
550-599	2,570	16	581	16	725	16	102	16
500-549	1,696	11	477	13	578	12	95	14
450-499	1,006	6	279	8	416	9	60	9
400-449	424	3	150	4	171	4	20	3
350-399	169	1	60	2	48	1	6	1
300-349	28	0	16	0	6	0	3	0
250-299	5	0			1	0		
200-249								
Total	15,662		3,640		4,642		656	
Mean	624		608		613		610	
Std Dev	98		99		99		101	
Percentile								
75th	700		680		690		680	
50th	630		610		620		610	
25th	560		540		540		530	
Students Who Also Have SAT Reasoning Test Scores								
Total	15,539		3,599		4,594		648	
Verbal								
Mean	626		634		636		658	
Std Dev	90		92		85		88	
Math								
Mean	636		608		628		644	
Std Dev	86		86		83		89	

Points to Note:

- Includes scores placed on hold by students and not released.
- For the 17,835 students who took any SAT Subject Test and the SAT Reasoning Test, the mean SAT Reasoning Test verbal score was 615 (standard deviation=96) and the mean SAT Reasoning Test math score was 628 (standard deviation=90).

TABLE 7-2

2005 COLLEGE-BOUND SENIORS

Score Distributions SAT Subject Tests (Continued)



MASSACHUSETTS

Score Ranges	Math				Science									
	Math IC		Math IIC		Biology		Biology-E		Biology-M		Chemistry		Physics	
	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct
750-800	309	3	1,425	27			126	5	237	8	441	13	245	15
700-749	1,317	12	928	17			256	10	378	13	475	14	260	16
650-699	2,034	19	854	16			391	15	486	17	518	16	282	18
600-649	2,261	21	971	18			520	19	567	19	545	16	329	21
550-599	1,985	19	707	13			547	20	587	20	550	16	221	14
500-549	1,584	15	303	6			446	17	390	13	436	13	163	10
450-499	755	7	92	2	1	100	229	9	187	6	230	7	72	5
400-449	282	3	26	0			105	4	77	3	118	4	14	1
350-399	145	1	9	0			36	1	20	1	24	1	2	0
300-349	22	0	4	0			16	1	3	0				
250-299	1	0												
200-249														
Total	10,695		5,319		1		2,672		2,932		3,337		1,588	
Mean	602		673				591		614		622		643	
Std Dev	86		89				92		92		100		90	
Percentile														
75th	670		750				660		680		700		710	
50th	610		680				590		610		620		640	
25th	540		610				530		550		550		580	
Students Who Also Have SAT Reasoning Test Scores														
Total	10,588		5,283		1		2,609		2,867		3,297		1,579	
Verbal														
Mean	608		651				628		642		641		644	
Std Dev	90		92				93		87		92		95	
Math														
Mean	625		693				641		659		680		696	
Std Dev	81		71				89		80		79		73	

TABLE 7-3

2005 COLLEGE-BOUND SENIORS

Score Distributions SAT Subject Tests (Continued)



MASSACHUSETTS

Score Ranges	Foreign and Classical Languages											
	Chinese/Listening		French		French/Listening		German		German/Listening		Modern Hebrew	
	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct
750-800	94	70	133	17	47	16	7	27	6	19	8	28
700-749	15	11	98	12	41	14	5	19	4	13	1	3
650-699	9	7	96	12	38	13	4	15	7	22	5	17
600-649	8	6	116	14	62	20	1	4	2	6	2	7
550-599	3	2	130	16	51	17	3	12	2	6	2	7
500-549	4	3	114	14	40	13	2	8	5	16	4	14
450-499	1	1	62	8	13	4	1	4	2	6	1	3
400-449	1	1	43	5	8	3	3	12	4	13	4	14
350-399			8	1	3	1					2	7
300-349			1	0								
250-299												
200-249												
Total	135		801		303		26		32		29	
Mean	747		617		630		651		617		611	
Std Dev	80		111		100		124		122		142	
Percentile												
75th	800		710		710		740		730		730	
50th	790		620		620		670		650		610	
25th	710		530		560		520		500		450	
Students Who Also Have SAT Reasoning Test Scores												
Total	135		794		299		25		31		28	
Verbal												
Mean	596		649		647		639		663		648	
Std Dev	132		94		78		84		82		97	
Math												
Mean	704		641		637		660		645		657	
Std Dev	81		89		74		61		78		80	

TABLE 7-4

2005 COLLEGE-BOUND SENIORS

Score Distributions SAT Subject Tests (Continued)



MASSACHUSETTS

Foreign and Classical Languages (Continued)

Score Ranges

Score Ranges	Italian		Japanese/Listening		Korean/Listening		Latin		Spanish		Spanish/Listening	
	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct	Number	Pct
750-800	14	33	25	64	25	96	82	16	188	14	34	12
700-749	3	7	3	8			77	15	161	12	27	9
650-699	5	12	1	3	1	4	64	13	186	13	37	13
600-649	10	24	2	5			79	16	178	13	54	19
550-599	4	10	2	5			79	16	194	14	40	14
500-549	2	5	4	10			73	14	178	13	45	16
450-499	2	5					31	6	161	12	22	8
400-449							19	4	85	6	18	6
350-399	2	5	2	5			3	1	32	2	6	2
300-349									13	1	2	1
250-299									2	0		
200-249												
Total	42		39		26		507		1,378		285	
Mean	659		705		787		627		602		599	
Std Dev	115		122		26		105		118		108	
Percentile												
75th	750		790		800		710		700		680	
50th	650		750		800		620		600		610	
25th	590		600		780		540		510		520	
Students Who Also Have SAT Reasoning Test Scores												
Total	42		39		24		504		1,363		285	
Verbal												
Mean	622		566		509		672		621		619	
Std Dev	97		126				83		98		87	
Math												
Mean	628		682		680		672		625		613	
Std Dev	81		67				77		92		89	

TABLE 7-5

2005 COLLEGE-BOUND SENIORS

ELPT™ (English Language Proficiency Test™)

MASSACHUSETTS

Score Distribution

Score Ranges	Total Number Percent		Ranges	Subscores				Ranges	Proficiencies			
				Reading		Listening			Reading		Listening	
				Number	Pct	Number	Pct		Number	Pct	Number	Pct
990-999	25	8	46-50	28	9	31	10	H	23	7	14	4
980-989	51	16	41-45	41	13	74	23	A	53	17	102	32
970-979	59	18	36-40	36	11	67	21	+	121	38	131	41
960-969	55	17	31-35	46	14	40	13	I	83	26	64	20
950-959	45	14	26-30	50	16	43	13	L	39	12	8	3
940-949	37	12	21-25	42	13	30	9					
930-939	27	8	16-20	37	12	21	7					
920-929	16	5	11-15	21	7	9	3					
910-919	4	1	06-10	15	5	3	1					
901-909			01-05	3	1	1	0					
Total	319											
Mean	963			29		34						
Std Dev	20			11		10						
Percentile												
75th	979			39		42						
50th	965			30		37						
25th	948			21		28						
Students Who Also Have SAT Reasoning Test Scores												
Total	264											
Verbal												
Mean	388											
Std Dev	97											
Math												
Mean	471											
Std Dev	117											

Points to Note:

Whereas most SAT Subject 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. Therefore, the ELPT should not be linked to the SAT Subject Test 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.

TABLE 8

2005 COLLEGE-BOUND SENIORS

High School Information

MASSACHUSETTS

SAT Reasoning Test	Test-Takers		Percent		Mean Scores	
	Number	Percent	Male	Female	Verbal	Math
Size of Senior Class						
More than 1,000						
750-1,000	575	1	40	60	456	458
500-749	905	2	42	58	456	478
250-499	11,163	27	48	52	514	527
100-249	22,324	54	48	52	521	528
Fewer than 100	6,402	15	45	55	536	535
Unknown	17,735					
Type of High School						
Public	44,893	81	46	54	513	522
Religiously Affiliated	6,393	11	53	47	543	535
Independent	4,434	8	51	49	597	607
Other or Unknown	3,384					
Location of High School						
Large City	6,602	12	46	54	486	499
Medium-size City	6,134	11	44	56	492	501
Small City or Town	9,892	18	48	52	514	520
Suburban	22,441	41	49	51	539	546
Rural	10,197	18	47	53	543	546
Unknown	3,838					

Point to Note:

- Charter, Correspondence, Home and Non-Accredited Schools are included in Type of High School as Other or Unknown unless otherwise specified by state officials.

TABLE 9

2005 COLLEGE-BOUND SENIORS

Colleges, Universities, and Scholarship Programs



MASSACHUSETTS

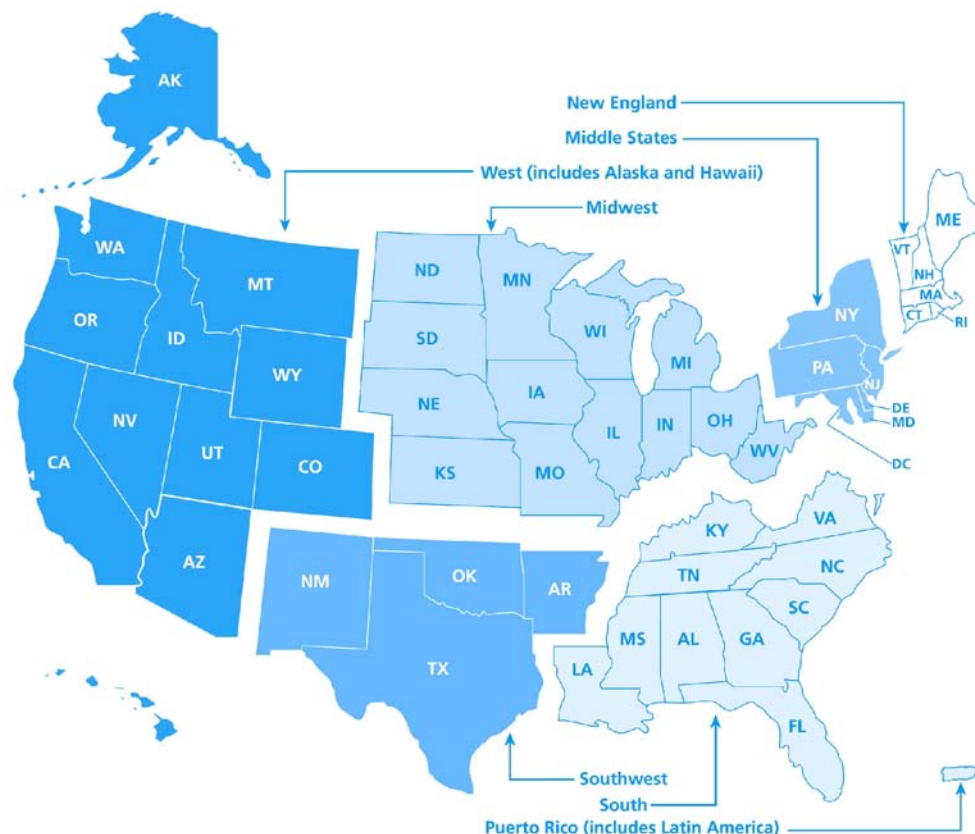
Colleges, Universities, and Scholarship Programs that Received the Most SAT Program Score Reports from Your Students.

Institution	State	Type	Number of Students	Percent of Score Senders
University of Massachusetts Amherst	MA	Public	14,941	32.8
Northeastern University	MA	Private	9,240	20.3
Boston University	MA	Private	7,531	16.5
Boston College	MA	Private	6,461	14.2
University of Massachusetts Dartmouth	MA	Public	5,742	12.6
Bridgewater State College	MA	Public	5,163	11.3
University of Massachusetts Lowell	MA	Public	4,186	9.2
Salem State College	MA	Public	3,920	8.6
Tufts University	MA	Private	3,858	8.5
University of New Hampshire Durham	NH	Public	3,782	8.3
University of Massachusetts Boston	MA	Public	3,636	8.0
Westfield State College	MA	Public	3,482	7.6
University of Connecticut	CT	Public	3,463	7.6
Suffolk University	MA	Private	3,177	7.0
Framingham State College	MA	Public	3,101	6.8
University of Rhode Island	RI	Public	3,064	6.7
Providence College	RI	Private	2,998	6.6
Stonehill College	MA	Private	2,914	6.4
Fitchburg State College	MA	Public	2,864	6.3
Bentley College	MA	Private	2,781	6.1
Brown University	RI	Private	2,779	6.1
University of Vermont	VT	Public	2,670	5.9
Harvard Undergraduate Admissions	MA	Private	2,598	5.7
Worcester State College	MA	Public	2,570	5.6
Quinnipiac University	CT	Private	2,492	5.5
New York University	NY	Private	2,478	5.4
Merrimack College	MA	Private	2,306	5.1
Assumption College	MA	Private	2,248	4.9
Syracuse University	NY	Private	2,185	4.8
Roger Williams University	RI	Private	2,155	4.7
College of The Holy Cross	MA	Private	2,006	4.4
Cornell University	NY	Private	1,828	4.0
Worcester Polytechnic Institute	MA	Private	1,784	3.9
Saint Anselm College	NH	Private	1,747	3.8
Endicott College	MA	Private	1,675	3.7
Clark University	MA	Private	1,656	3.6
Amherst College	MA	Private	1,651	3.6
George Washington University	DC	Private	1,627	3.6
Salve Regina University	RI	Private	1,612	3.5
Emerson College	MA	Private	1,581	3.5
Brandeis University	MA	Private	1,580	3.5
Fairfield University	CT	Private	1,580	3.5
Bryant College	RI	Private	1,575	3.5
Dartmouth College	NH	Private	1,492	3.3
Trinity College	CT	Private	1,457	3.2

2,367 – Number of colleges, universities, or scholarship programs, not listed, that received reports from your students.

2,412 – Total number of colleges, universities, or scholarship programs that received reports from your students.

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