

CEEB TESTING AND PLACEMENT CLASS OF 2017 A PROFILE

December 4, 2017



Summary of Plans Class of 2017 Percent of Total Graduates

CLASSIFICATION	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Four-Year Colleges	84	81	83	84	89	85	84	88	89	86.44	88.01	87.73	88.28	92.5	91.5	92.5
Jr./Specialized Schools	7	9	7	6	4	9	7	4.5	4	5.51	5.62	4.46	5.44	1.43	4	3.1
Prep Schools	2	3	3	1	2	3	2	1.5	1	2.96	.75	1.86	2.51	.36	.4	.68
Total Continuing Ed.	93	93	93	91	95	97	92	94	93	94.91	94.38	94.05	96.23	94.29	95.9	96.3
Employment	2	6	5	5	1	1	3	5	1	2.96	.75	3.34	2.09	3.93	3	.68
Military Service	1	1	2	1	1	0	1	1	0	.42	0	0	.42	.71	0	.68
Gap Year / other program	4	0	0	2	5	2	4	0	6	1.69	2.25*	.74	.42	.71	.7	.68
Undecided											2.62	1.86	.84	.36	.3	1.7

*Prior to 2012 category included Gap Year and other programs as well as students who were undecided in their plans. In 2012 the Gap Year and other program students were separated.



SAT Summary

SAT Test Section	Questions	Content	Timing
Evidence-based reading & writing	<i>Reading</i> 52 standard multiple-choice <i>Writing</i> 44 standard multiple-choice	<ul style="list-style-type: none">•Relevant words in context <i>(Reading, Writing)</i>•Command of evidence <i>(Reading, Writing)</i>•Expression of ideas <i>(Writing)</i>•Standard English conventions <i>(Writing)</i>	100 minutes <i>Reading</i> One 65-minute section <i>Writing</i> One 35-minute section
Mathematics	45 standard multiple-choice 13 student-produced response	<ul style="list-style-type: none">•The heart of algebra•Passport to advanced math•Problem solving & data analysis	80 minutes One 25-minute section (no calculator) One 55-minute section (calculator allowed)
Essay (optional)	1 evidence-based essay	<ul style="list-style-type: none">•Analyzing a source	50 minutes One 50-minute essay



Comparison of Test Length and Timing: Pre-March-2016 SAT and New SAT

Pre-March-2016 SAT

New SAT

Component	Time (min.)	Questions	Component	Time (min.)	Questions
Critical Reading	70	67	Reading	65	52
Writing	60	49	Writing and Language	35	44
Essay	25	1	Essay (optional)	50	1
Mathematics	70	54	Mathematics	80	58
Total	225	171	Total	180 (230 with Essay)	154 (155 with Essay)



Comparison of the Major Features: Pre-March-2016 SAT and New SAT

Category	Pre-March-2016 SAT	New SAT
Total Testing Time	3 hours and 45 minutes	3 hours (plus 50 minutes for the Essay [optional])
Components	<ol style="list-style-type: none"> 1. Critical Reading 2. Writing 3. Mathematics 4. Essay 	<ol style="list-style-type: none"> 1. Evidence-Based Reading and Writing <ol style="list-style-type: none"> 1. Reading Test 2. Writing and Language Test 2. Math 3. Essay (optional)
Important Features	<ul style="list-style-type: none"> • Emphasis on general reasoning skills • Emphasis on vocabulary, often in limited contexts • Complex scoring (a point for a correct answer and a deduction for an incorrect answer; blank responses have no impact on scores) 	<ul style="list-style-type: none"> • Focus on the knowledge, skills, and understandings that research has identified as most important for college and career readiness and success • Greater emphasis on the meaning of words in extended contexts and on how word choice shapes meaning, tone, and impact • Rights-only scoring (no penalty for guessing)
Essay	<ul style="list-style-type: none"> • Required and given at the beginning of the SAT • 25 minutes to write the essay • Tests writing skill; students take a position on a presented issue 	<ul style="list-style-type: none"> • Optional and given at the end of the SAT; postsecondary institutions determine whether they will require the Essay for admission • 50 minutes to write the essay • Tests reading, analysis, and writing skills; students produce a written analysis of a provided source text
Score Reporting	<ul style="list-style-type: none"> • Scale ranging from 600 to 2400 • Scale ranging from 200 to 800 for Critical Reading; 200 to 800 for Mathematics; 200 to 800 for Writing • Essay results scaled to multiple-choice Writing 	<ul style="list-style-type: none"> • Scale ranging from 400 to 1600 • Scale ranging from 200 to 800 for Evidence-Based Reading and Writing; 200 to 800 for Math; 2 to 8 on each of three dimensions for Essay • Essay results reported separately
Subscore Reporting	None	Subscores for every test, providing added insight for students, parents, admission officers, educators, and counselors



SAT Mean Score Comparison

Total Group Combined 1600		
Hingham	Mass.	National
1218	1103	1060

Total Group Reading & Writing		
Hingham	Mass.	National
611	553	533

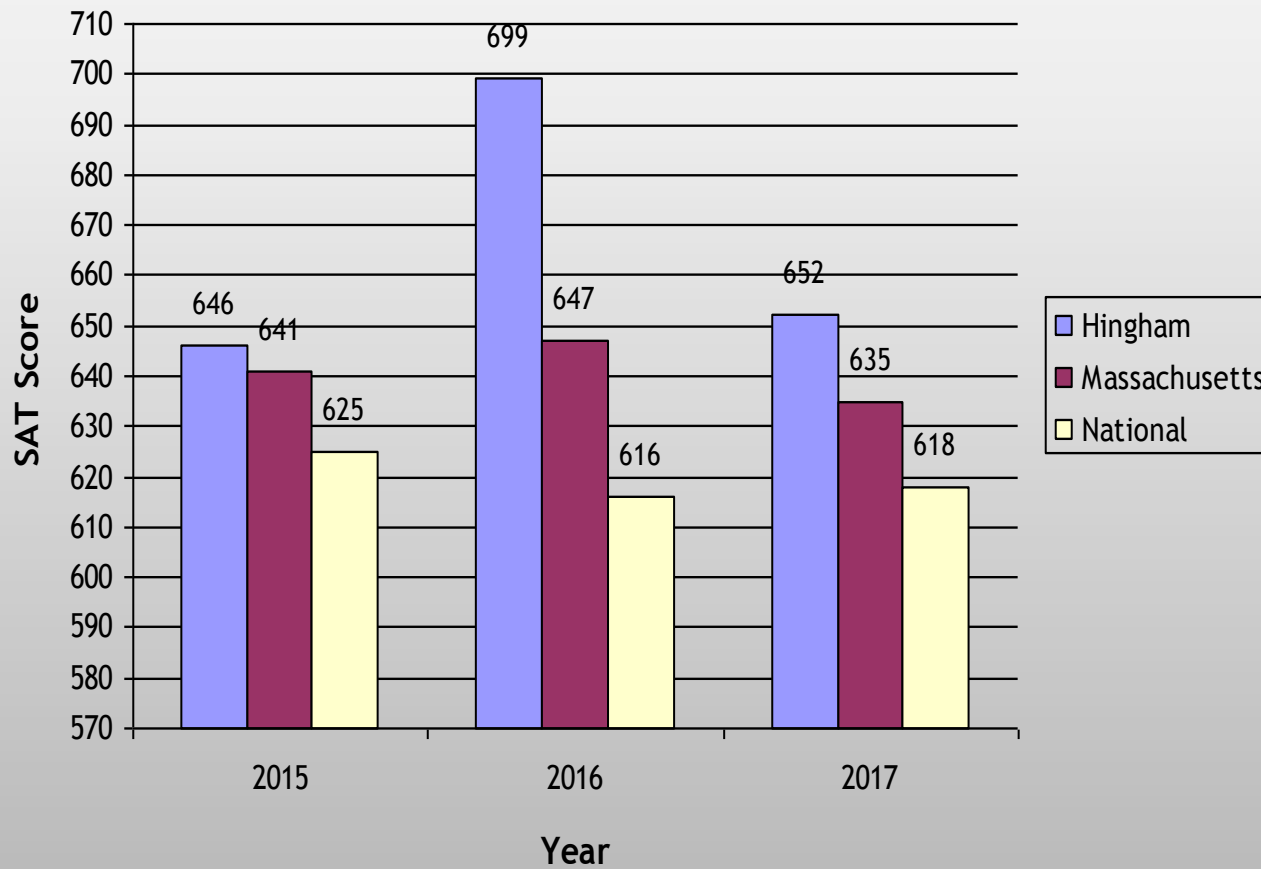
Total Group Mathematics		
Hingham	Mass.	National
607	550	527

SAT Mean by Group					
Group	Number	Percent	Reading & Writing	Math	Combined
Standard	200	82	614	607	1221
Accommodations	43	18	554	548	1102
Total Group	243	100	611	607	1218



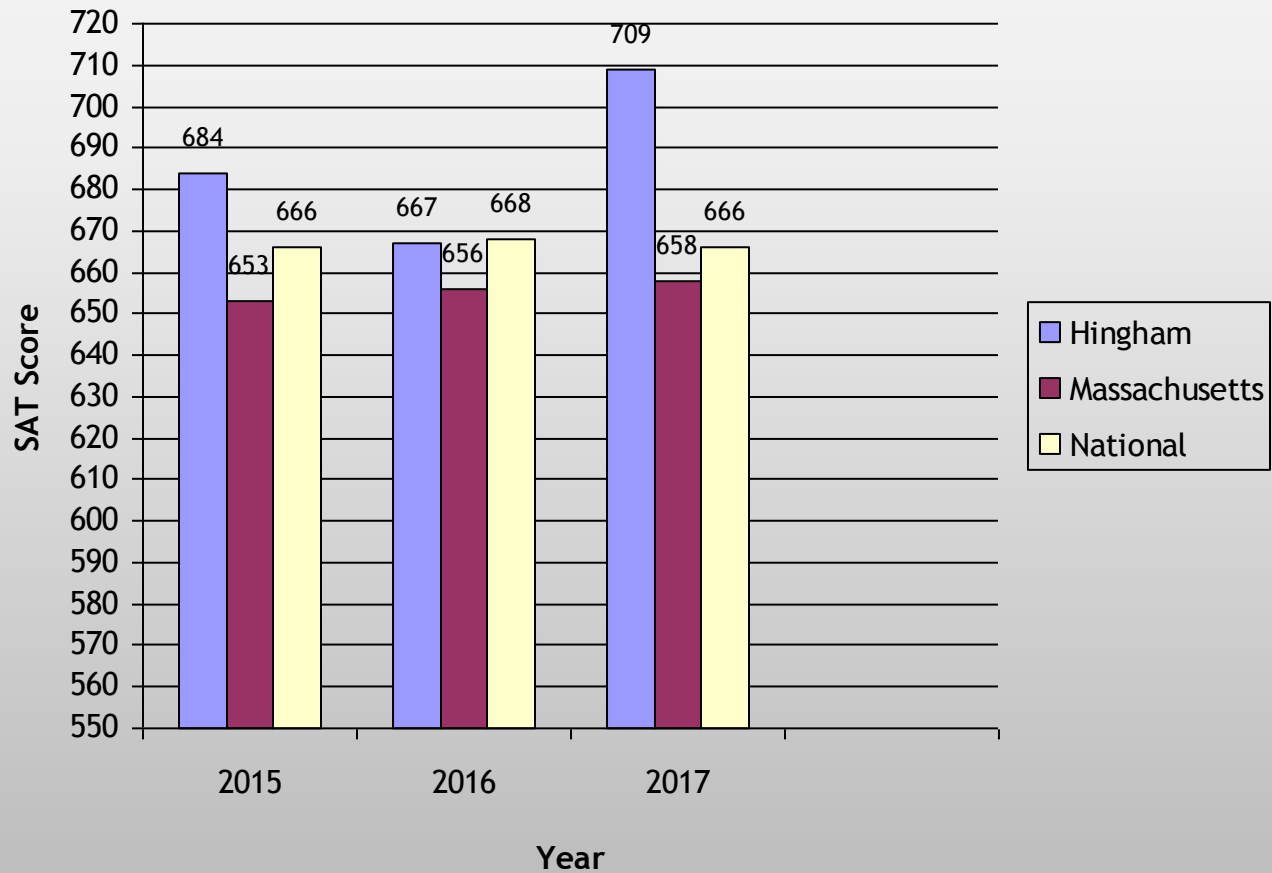
Class of 2017

Biology - Ecological



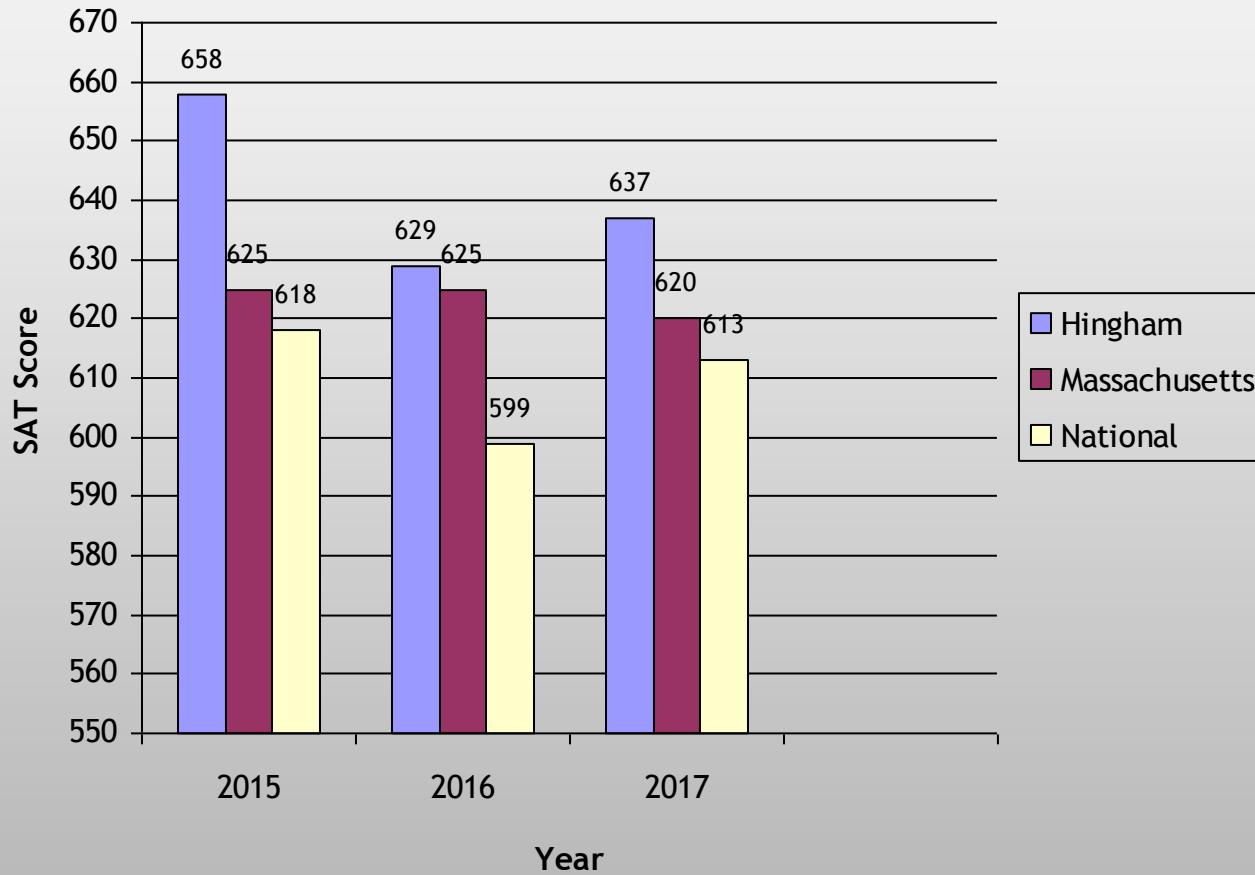
Class of 2017

Chemistry



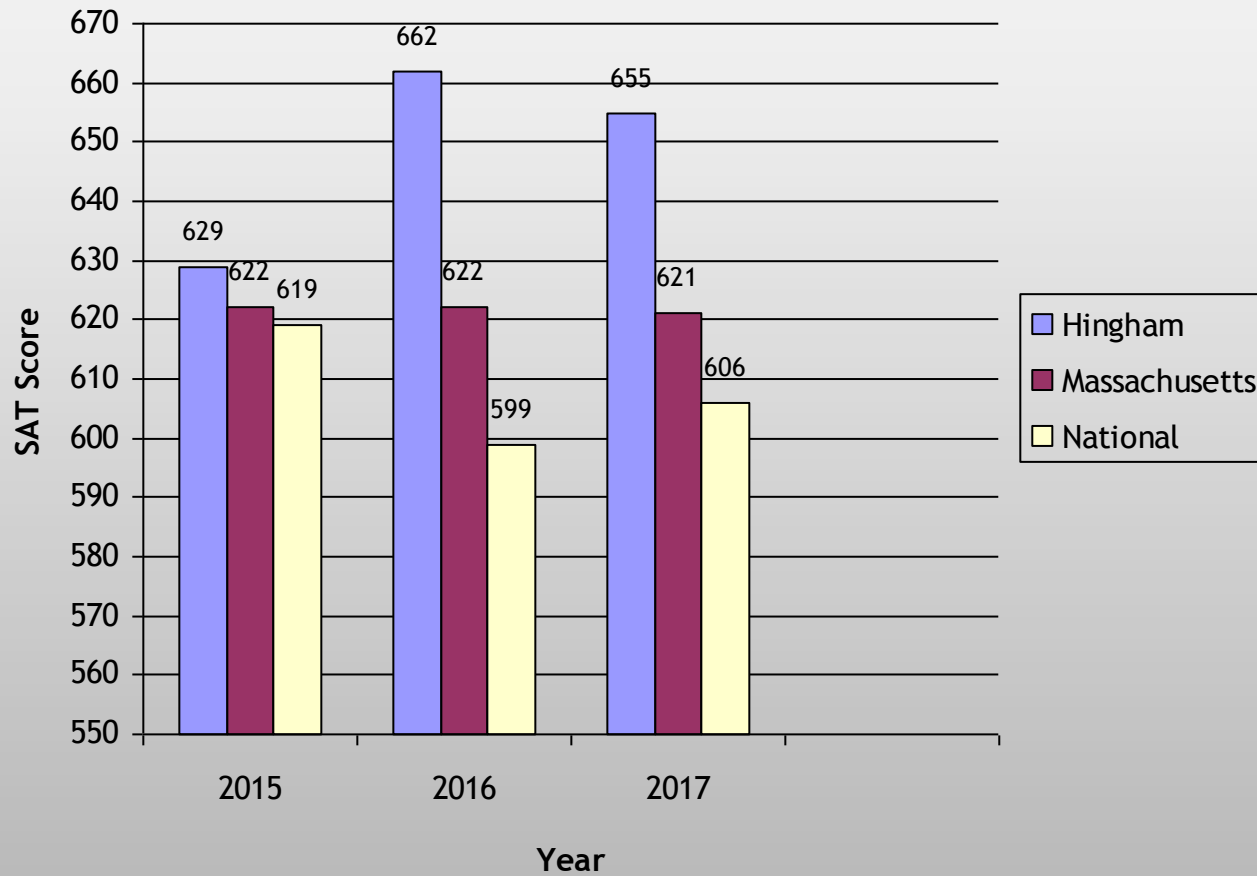
Class of 2017

English Literature



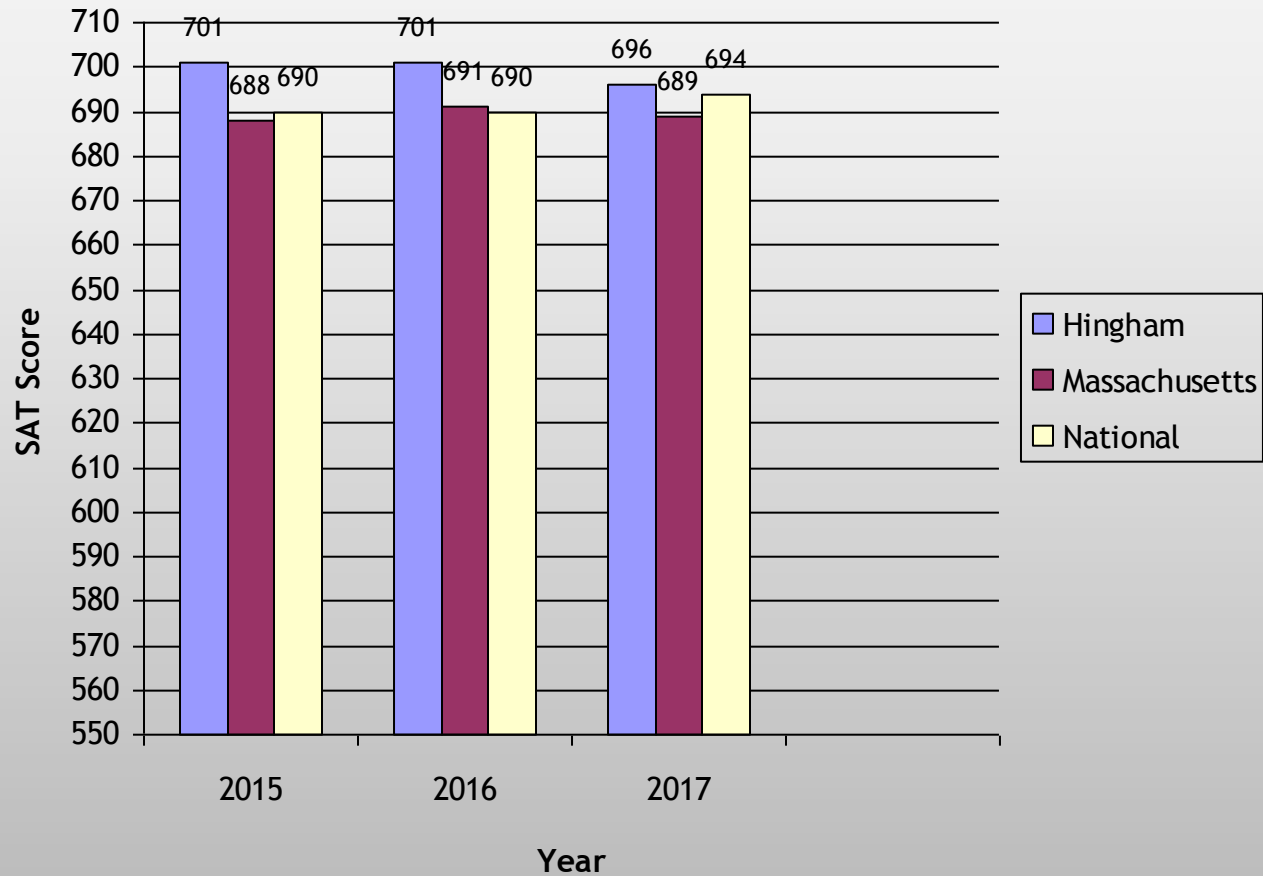
Class of 2017

Mathematics Level I



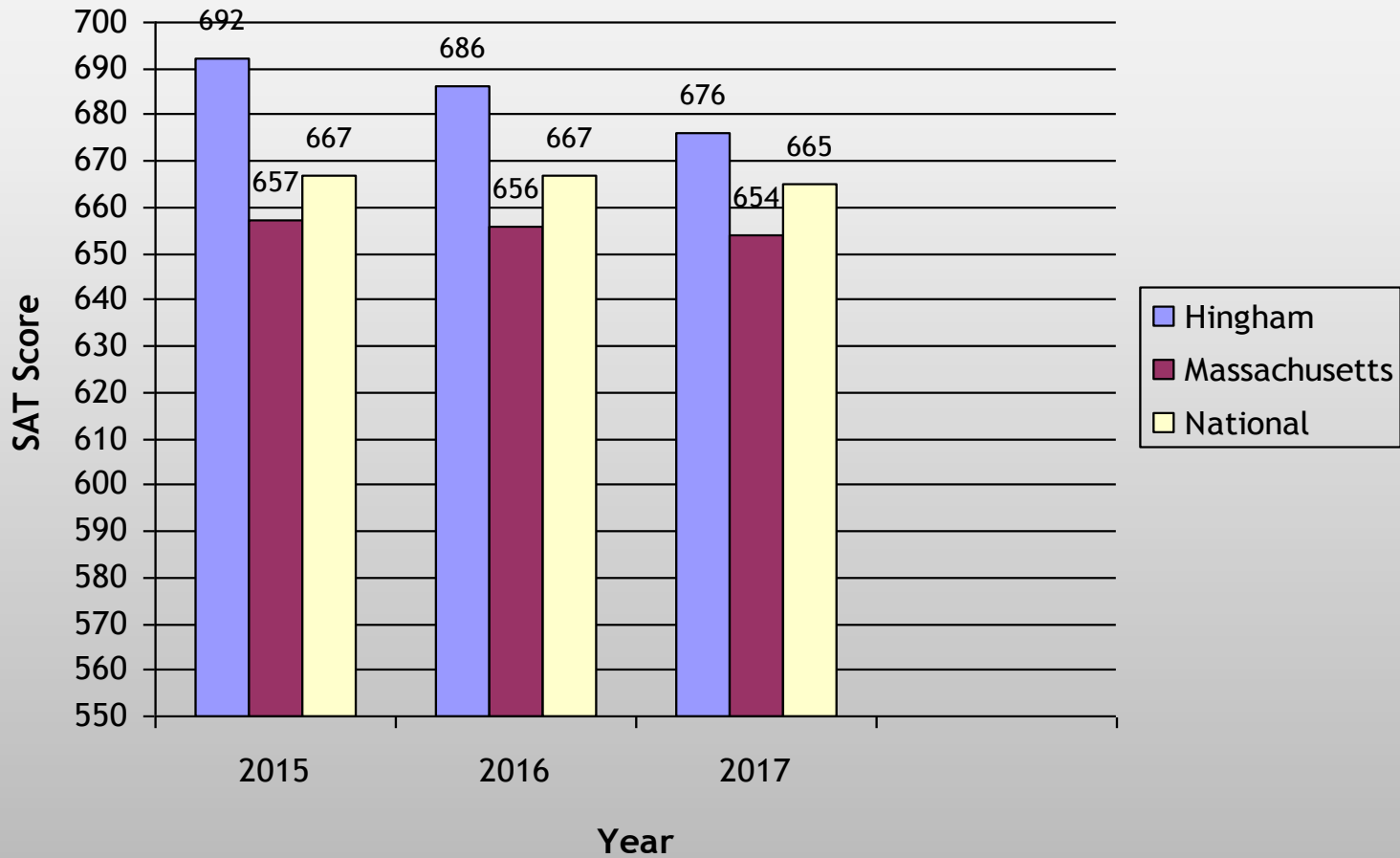
Class of 2017

Mathematics Level II



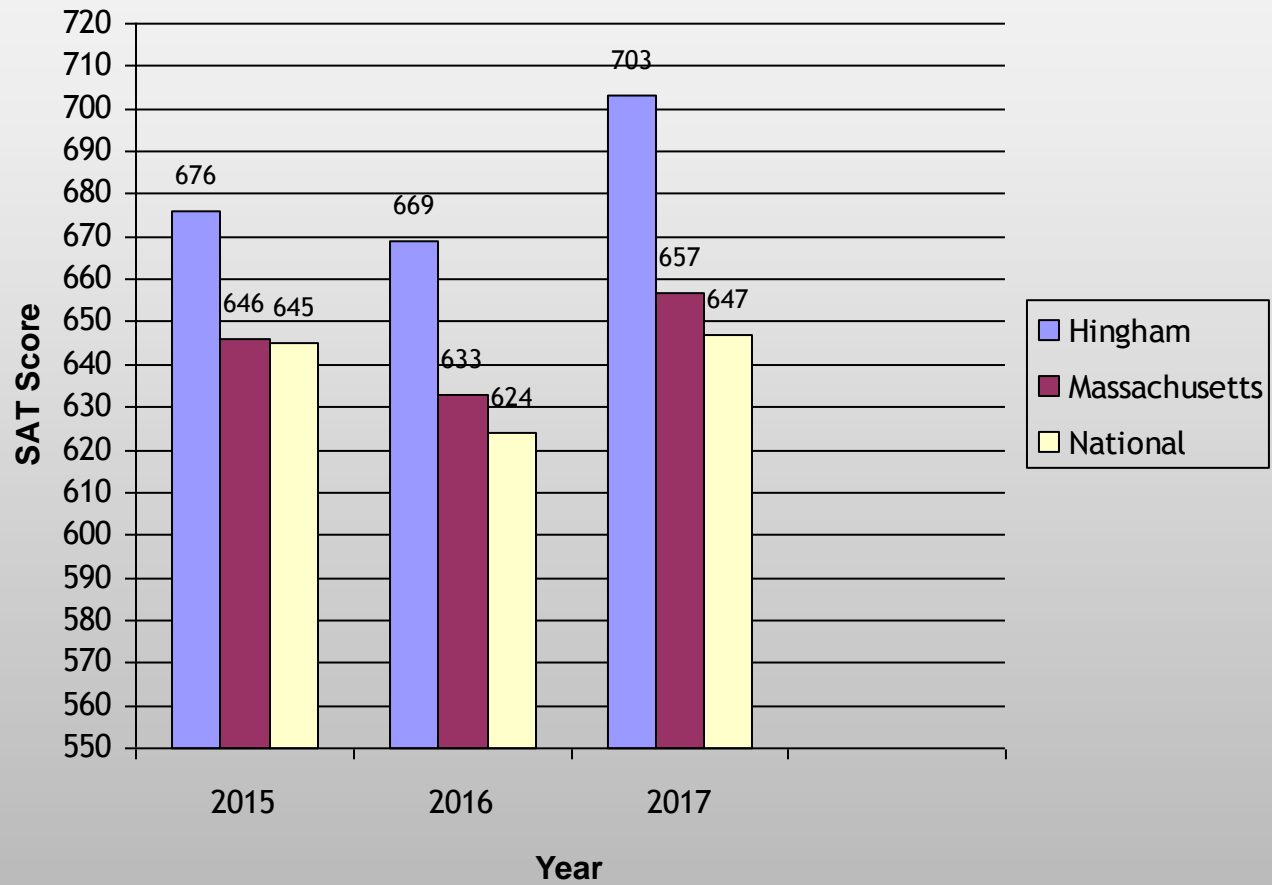
Class of 2017

Physics



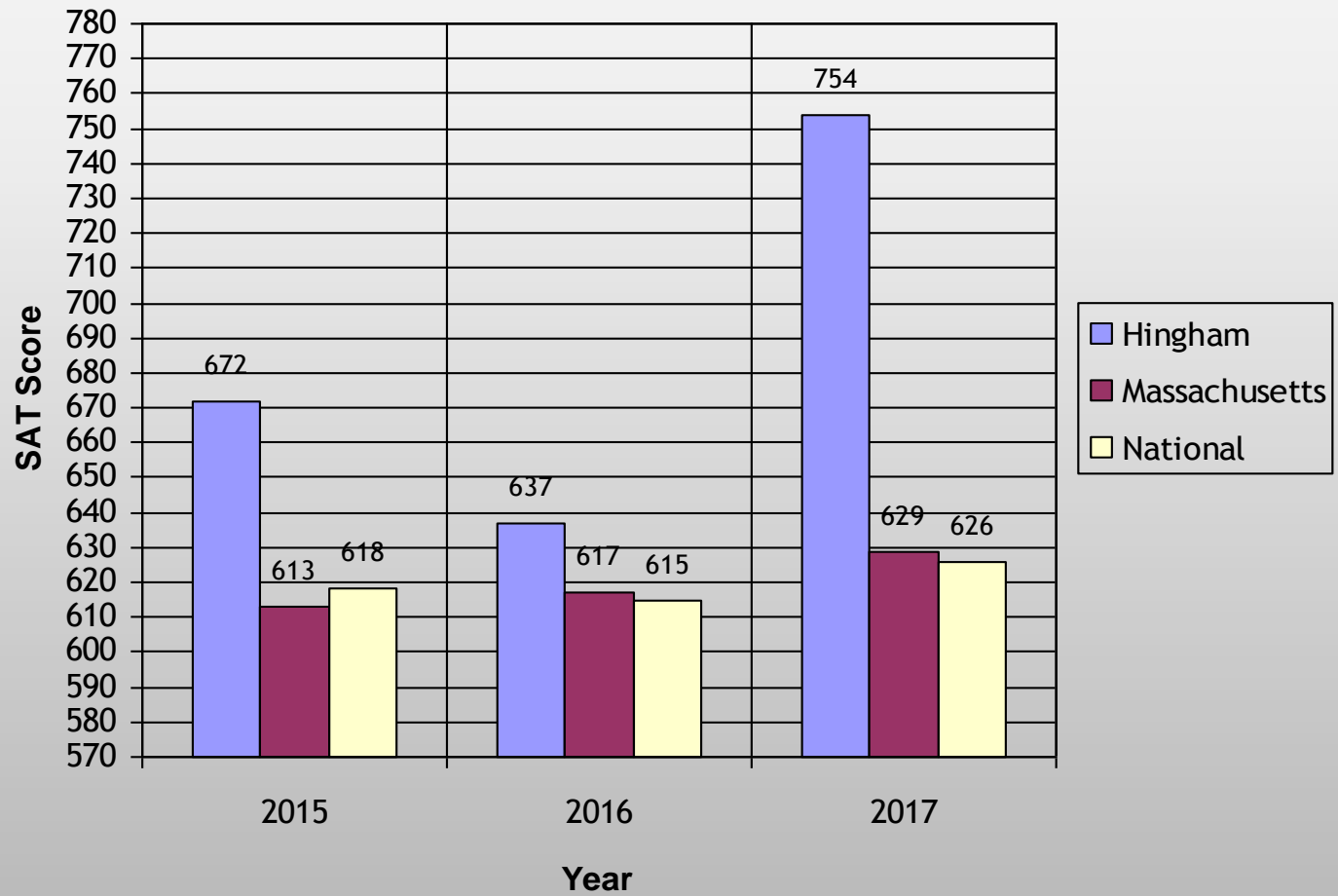
Class of 2017

United States History



Class of 2017

World History



ACT

- Curriculum based measure of college readiness—
an achievement test
- Four subtests with an optional writing section
 - English
 - Math
 - Reading
 - Science
- Scored from 1-36



Hingham High School Class of 2017

Act Scores Local, State and National Comparisons

English		
Hingham	Mass.	National
26.7	25.4	20.3

Mathematics		
Hingham	Mass.	National
26.7	25.3	20.7

Reading		
Hingham	Mass.	National
27.4	25.9	21.4

Science		
Hingham	Mass.	National
26.1	24.7	21.0

Composite		
Hingham	Mass.	National
26.8	25.4	21.0

Hingham ACT Scores 2008-2016

Year	Number Tested	English	Math	Reading	Science	Composite
2008	55	25.4	27.0	25.5	24.7	25.7
2009	48	23.9	24.8	24.6	23.0	24.2
2010	67	26.1	26.0	26.1	24.7	25.9
2011	55	26.1	25.7	26.2	23.8	25.5
2012	80	24.4	24.9	24.7	23.4	24.5
2013	96	24.6	24.6	24.4	23.5	24.4
2014	63	25.8	25.6	25.9	24.6	25.6
2015	105	25.8	25.4	26.4	24.9	25.7
2016	125	26.4	26.6	27.3	25.9	26.6
2017	156	26.7	26.7	27.4	26.1	26.8

ACT Scores by Test Session Duration 2017*

Group	Duration	Number	Percent	English	Math	Reading	Science	Composite
Hingham	Standard	146	94	26.7	26.8	27.4	26.1	26.9
	Extended	10	6	26.4	24.2	28.6	26.7	26.7
State	Standard	19,453	93	25.5	25.8	25.8	24.7	25.5
	Extended	1,482	7	24.5	26.2	26.2	24.5	24.9

*Students who take the ACT with extended time have been approved for accommodations through the ACT Corporation due to a disability



AP Mean Scores 2017

	Hingham	Massachusetts	National
Biology	3.92	3.13	2.89
Calculus AB	4.19	3.17	2.91
Calculus BC	4.26	4.07	3.78
Chemistry	4.91	2.99	2.63
Computer Science A	*	3.22	3.13
English Language	4.20	3.15	2.77
English Lit. & Comp.	4.04	3.04	2.68
Environmental Science	*	2.87	2.66
European History	4.00	3.09	2.8
French Lang. & Cult.	*	3.66	3.21
Latin	*	3.34	2.94
Macroeconomics	*	3.27	2.84
Music Theory	4.31	3.28	3.01
Physics C E&M	3.36	3.56	3.42
Physics C Mechanics	4.09	3.94	3.69
Psychology	*	3.23	3.05
Spanish Language	4.03	3.73	3.60
Spanish Lit. & Culture	4.20	3.26	3.08
Statistics	4.08	2.85	2.70
3D Studio Art	*	2.95	3.14
US History	4.12	3.19	2.64
World History	4.46	3.36	2.76



Percent of AP Grades 3 and Higher 2017

	Hingham	Massachusetts	National
Biology	100	72	64
Calculus AB	94	66	57
Calculus BC	96	86	81
Chemistry	100	63	51
Computer Science A	*	68	67
English Language	97	68	55
English Lit. & Comp.	98	68	52
Environmental Science	*	65	49
European History	97	67	56
French Lang. & Cult.	100	85	73
Latin	*	76	63
Macroeconomics	*	69	56
Music Theory	92	67	61
Physics C E&M	73	75	70
Physics C Mechanics	91	84	79
Psychology	*	69	64
Spanish Language	100	90	88
Spanish Lit. & Culture	100	78	72
Statistics	97	59	54
3D Studio Art	*	65	71
US History	94	68	51
World History	100	75	55



Benchmark Schools Comparison AP Exams Grades 3 and Higher

School	Number of AP Exams Taken	Number of AP Exams 3 and Higher	Percentage of AP Exams 3 and Higher
Andover	909	756	83
Braintree	598	522	87
Canton	555	355	64
Cohasset	226	191	85
Concord-Carlisle	554	522	94
Dedham	403	222	55
Hingham	516	490	95
Hull	119	79	66
Lexington	1645	1547	94
Marblehead	574	467	81
Milton	640	544	85
Needham	798	732	92
Norwell	454	357	79
Rockland	243	79	33
Scituate	582	426	73
Wellesley	603	561	93
Weston	505	421	83
Westwood	612	558	91
Weymouth	458	310	68
Winchester	638	584	92

Hingham is 3rd in the state of Massachusetts with 95.0% of tests taken scoring 3 or better. Westford and Lincoln-Sudbury are 1st and 2nd respectively. Westford gave 695 tests (97.6% 3 and above) and Lincoln-Sudbury gave 434 tests (95.2% 3 and above).



Hingham High School Advanced Placement Scholars

AP Scholars are designated in recognition of their exceptional achievement on the college level Advanced Placement (AP) examination. Nationally only 23% of the more than 2 million students who took AP exams in May 2017 performed at a sufficiently high level to merit such recognition. In Hingham, 41% of the 261 candidates were so honored.

Year	AP Scholar Award	AP Scholar with Honor	AP Scholar with Distinction	AP National Scholar	AP International Diploma
2001	10	9	3	none	none
2002	15	15	2	none	none
2003	17	7	7	none	none
2004	15	10	14	none	none
2005	21	5	17	none	none
2006	18	10	12	none	none
2007	17	15	26	1	none
2008	22	14	18	2	none
2009	25	15	15	1	none
2010	19	15	13	1	none
2011	28	16	19	1	none
2012	25	20	24	3	none
2013	29	17	20	2	none
2014	29	21	38	2	1
2015	34	28	35	4	2
2016	31	22	37	8	1
2017	26	35	42	4	none



**Hingham High School
National Merit Scholarship Corporation**

Merit scholars are identified from their performance on the PSAT/NMSQT. A student who is identified as a "semifinalist" is one who has scored in the top half of one percent of each state's high school senior class. Scholarship awards made to semifinalists identify those students as finalists. Semifinalists bring honor to their schools and their parents. However, it is the individual student who is recognized in the merit program for outstanding test performance that indicates exceptional academic promise.

Commended students are those who scored among the top two percent of merit program participants who took the qualifying test. Commended students have also demonstrated exceptional academic promise.

National Merit Scholarship Summary

Class	Semifinalists	Commendations	# in class	% of class
1999	3	12	193	8
2000	4	12	194	8
2001	1	15	199	8
2002	3	19	187	12
2003	1	11	214	6
2004	1	12	211	6
2005	5	8	229	6
2006	2	4	250	2
2007	2	4	245	2
2008	3	15	251	7
2009	0	10	255	4
2010	2	8	250	4
2011	3	16	241	8
2012	0	8	278	3
2013	2	22	269	9
2014	0	14	282	5
2015	0	14	280	5
2016	2	16	295	4
2017	5	8	292	4

