

A Profile  
CEEB Testing and Placement  
Class of 2016  
December 5, 2016

## Summary of Plans Class of 2016 PERCENT OF TOTAL GRADUATES

CLASSIFICATION	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Four-Year Colleges	86	84	81	83	84	89	85	84	88	89	86.44	88.01	87.73	88.28	92.5	91.5
Jr./Specialized Schools	6	7	9	7	6	4	9	7	4.5	4	5.51	5.62	4.46	5.44	1.43	4
Prep Schools	0	2	3	3	1	2	3	2	1.5	1	2.96	.75	1.86	2.51	.36	.4
<b>Total Continuing Ed.</b>	<b>92</b>	<b>93</b>	<b>93</b>	<b>93</b>	<b>91</b>	<b>95</b>	<b>97</b>	<b>92</b>	<b>94</b>	<b>93</b>	<b>94.91</b>	<b>94.38</b>	<b>94.05</b>	<b>96.23</b>	<b>94.29</b>	<b>95.9</b>
Employment	6	2	6	5	5	1	1	3	5	1	2.96	.75	3.34	2.09	3.93	3
Military Service	1	1	1	2	1	1	0	1	1	0	.42	0	0	.42	.71	0
Gap Year / other program	1	4	0	0	2	5	2	4	0	6	1.69	2.25*	.74	.42	.71	.7
Undecided												2.62	1.86	.84	.36	.3

\*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\*

**The SAT consists of three sections: critical reading, math, and writing**

**The critical reading section** consists of 67 questions in two 25-minute sections and one 20-minute section (70 minutes total). It measures students' ability to identify genre, relationships among parts of a text, cause and effect, rhetorical devices, and comparative arguments. Questions assess such reading skills as identifying main and supporting ideas, determining the meaning of words, understanding authors' purposes, and understanding the structure and function of sentences. Reading passages are taken from different fields, including natural sciences, humanities, social sciences, and literary fiction.

**The math section** consists of 54 questions in two 25-minute sections and one 20-minute section (70 minutes total). It includes topics such as numbers and operations; algebra and functions; geometry and measurement; and data analysis, statistics, and probability, and it places emphasis on topics such as linear functions, manipulations with exponents, and properties of tangent lines. Students are asked to apply concepts they have learned to solve problems in flexible ways, often in real-world applications.

\*Taken from the College Board SAT Brochure for Counselors

# SAT Summary\*

## Continued

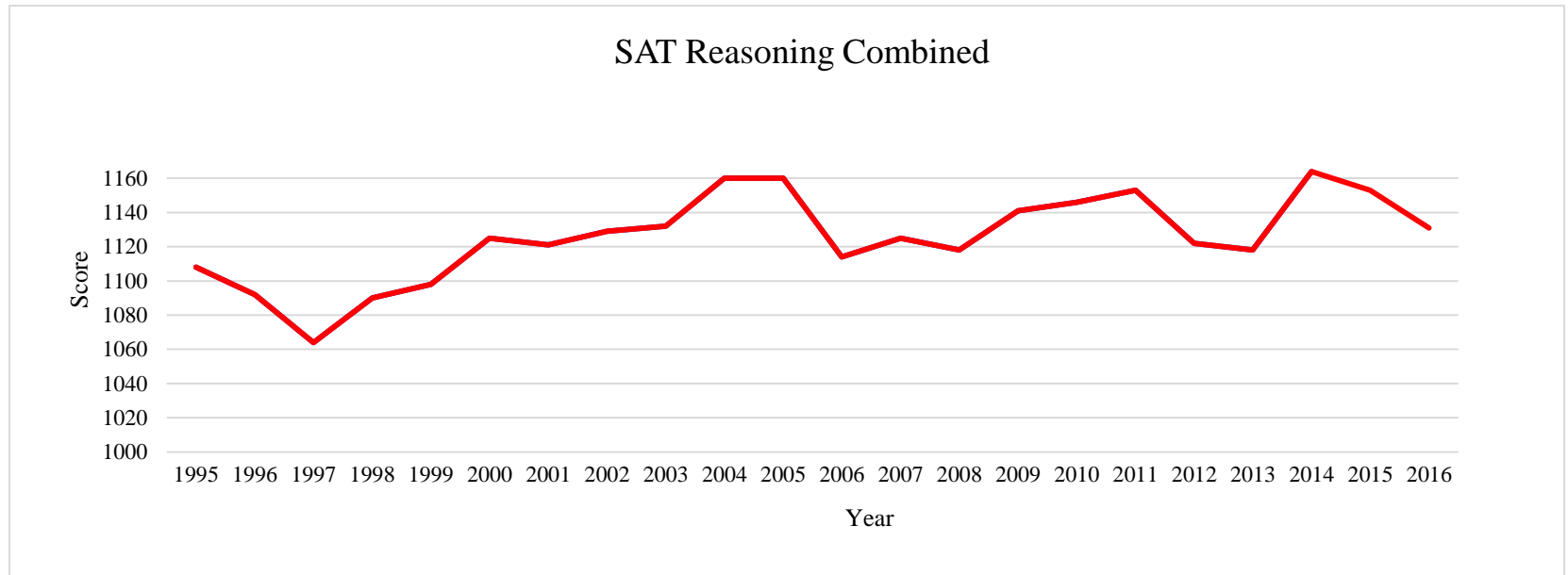
**The one-hour writing section** consists of one essay question (25 minutes) and 49 multiple-choice questions (2 parts totaling 35 minutes). It measures a student's mastery of developing and expressing ideas effectively. The essay, which is always the first question on the SAT, measures a student's skill in developing a point of view on an issue. The multiple-choice section assesses a student's ability to use language in a clear, consistent manner and to improve a piece of writing through revision and editing. Questions ask students to recognize sentence errors, to choose the best version of a piece of writing, and to improve paragraphs.

**There is also a 25-minute un-scored section**, known as the variable or equating section. It may be a critical reading, math, or multiple-choice writing section. This section does not count toward the student's final score, but is used to try out new questions for future editions of the SAT and to ensure that scores on new editions of the SAT are comparable to scores on earlier editions of the test.

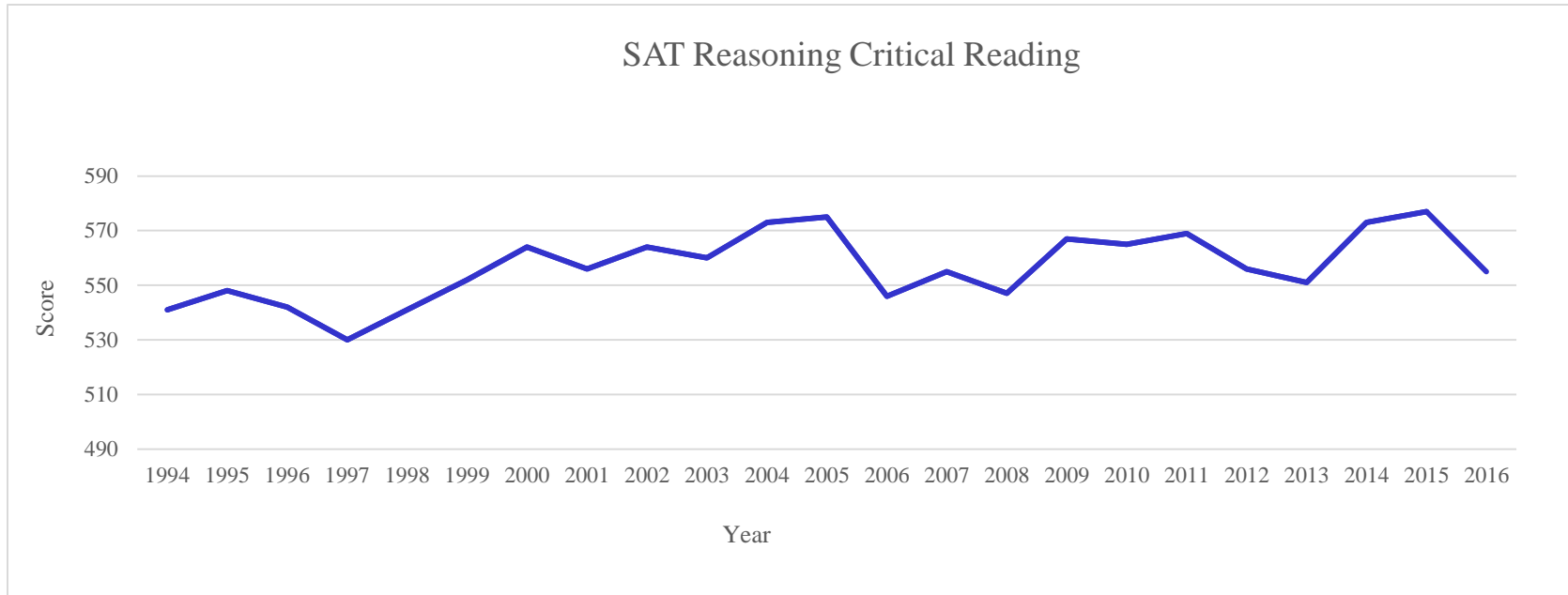
\*Taken from the College Board SAT Brochure for Counselors

# Hingham High School

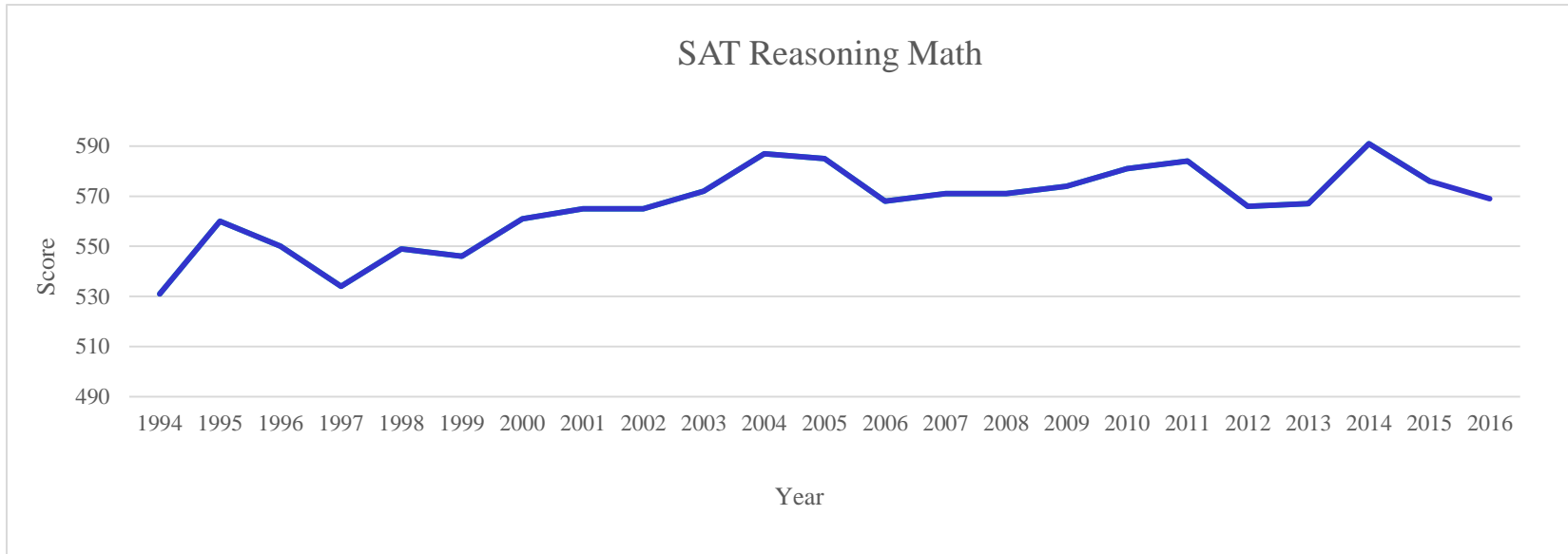
## SAT Combined Score 1995-2016



# SAT Critical Reading Section 1994-2016



# SAT Math Section 1994-2016



# SAT Benchmark Schools Comparison

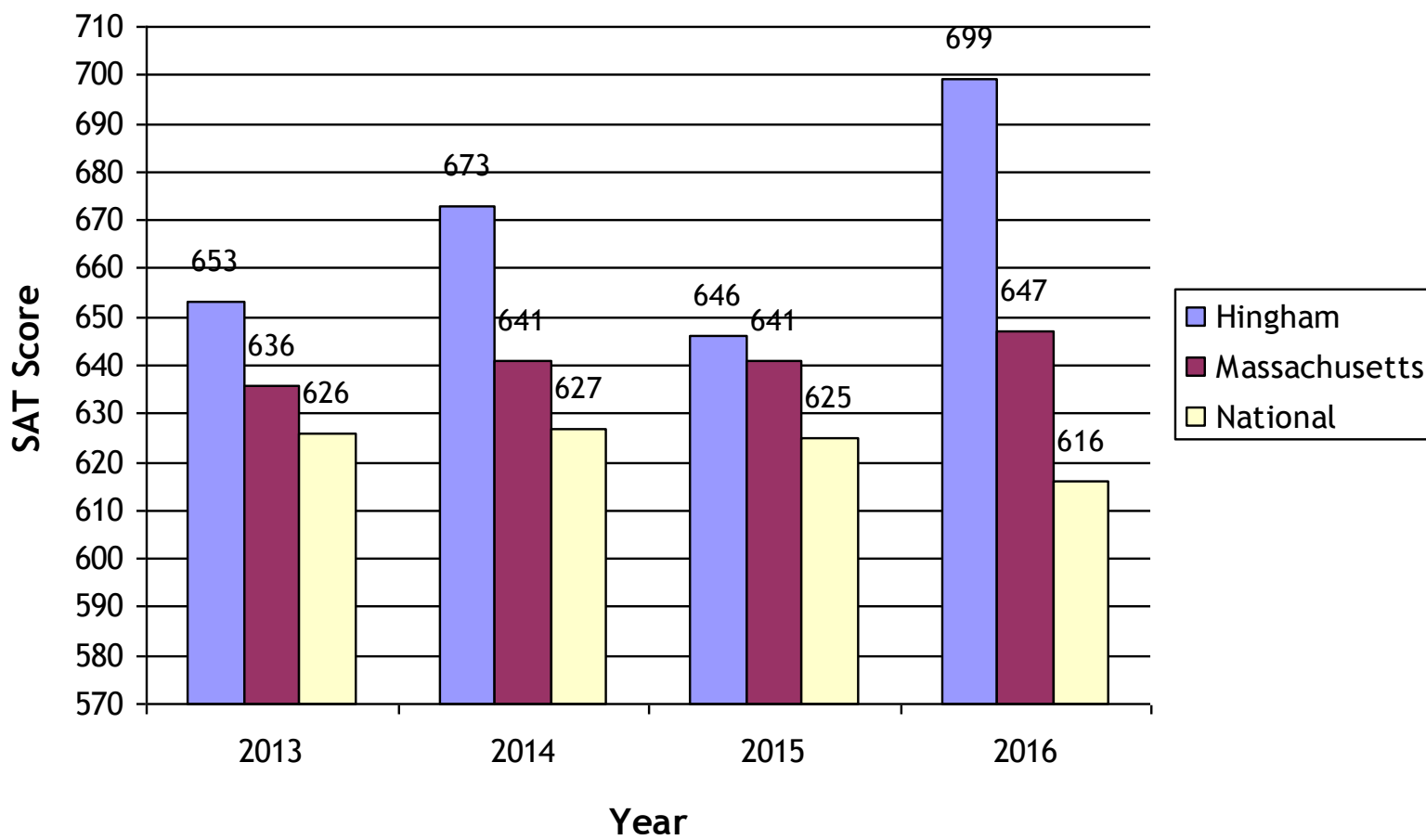
**Hingham High School**

School	SAT Critical Reading	SAT Math	SAT Writing
Andover	566	562	562
Braintree	518	541	509
Canton	520	536	507
Cohasset	564	562	560
Concord-Carlisle	616	635	605
Dedham	490	520	477
<b>Hingham</b>	<b>555</b>	<b>569</b>	<b>562</b>
Hull	507	513	502
Lexington	619	645	611
Marblehead	563	564	565
Milton	530	555	524
Needham	574	582	571
Norwell	555	555	547
Rockland	481	501	467
Scituate	544	551	543
Wellesley	601	614	598
Weston	604	627	603
Westwood	557	578	548
Weymouth	503	510	491
Winchester	587	617	586



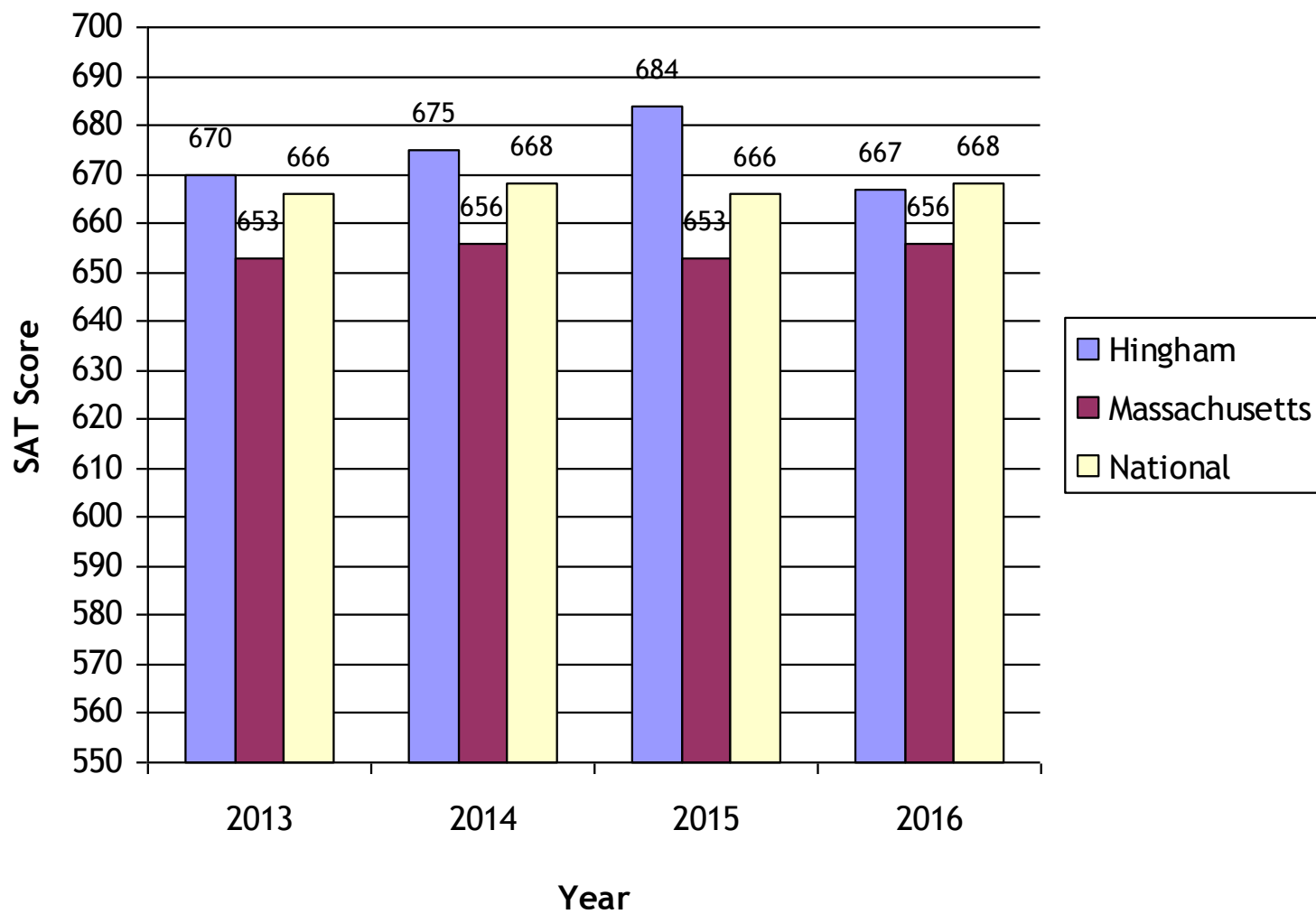
## Class of 2016

### Biology - Ecological



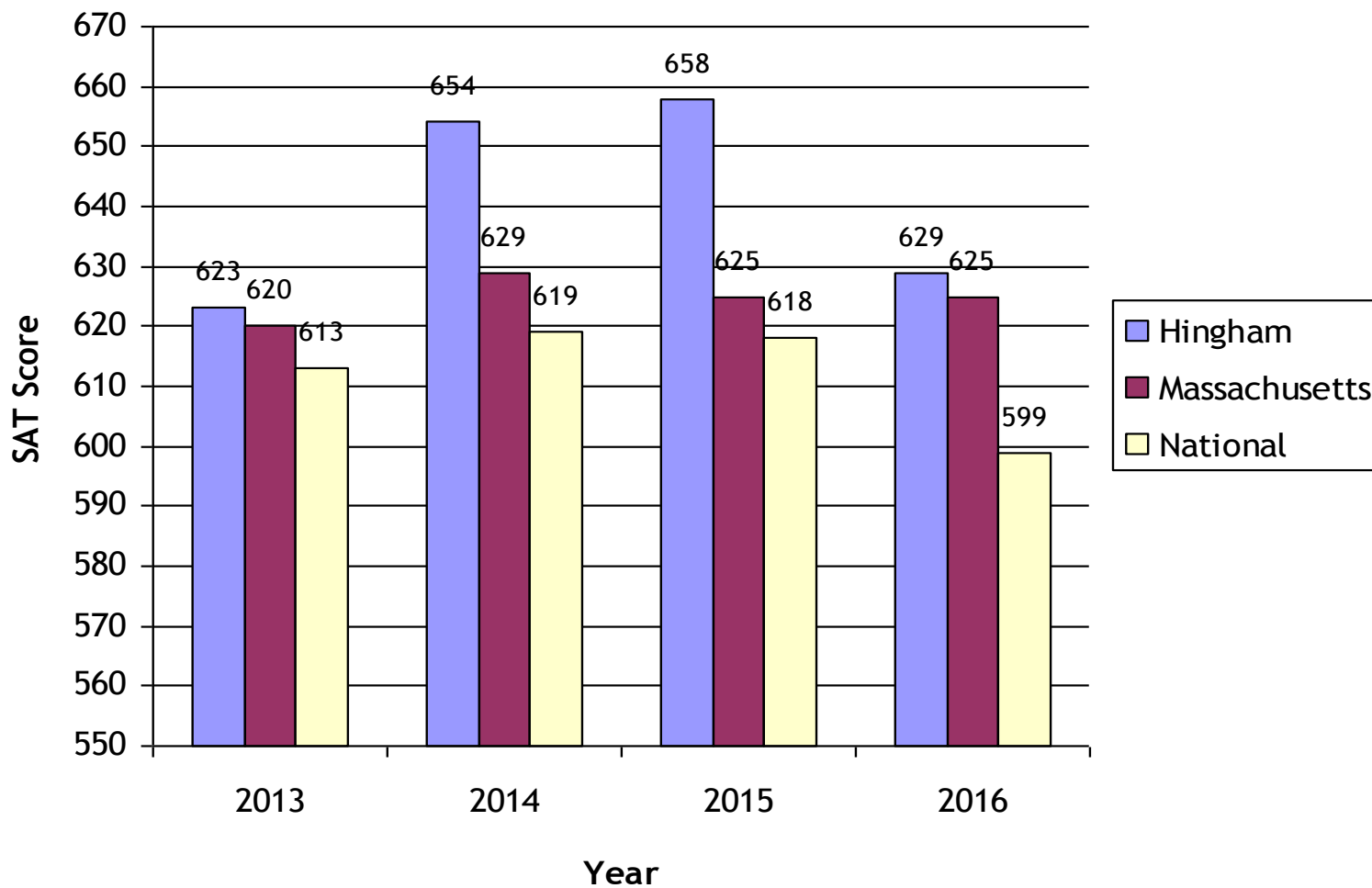
## Class of 2016

### Chemistry



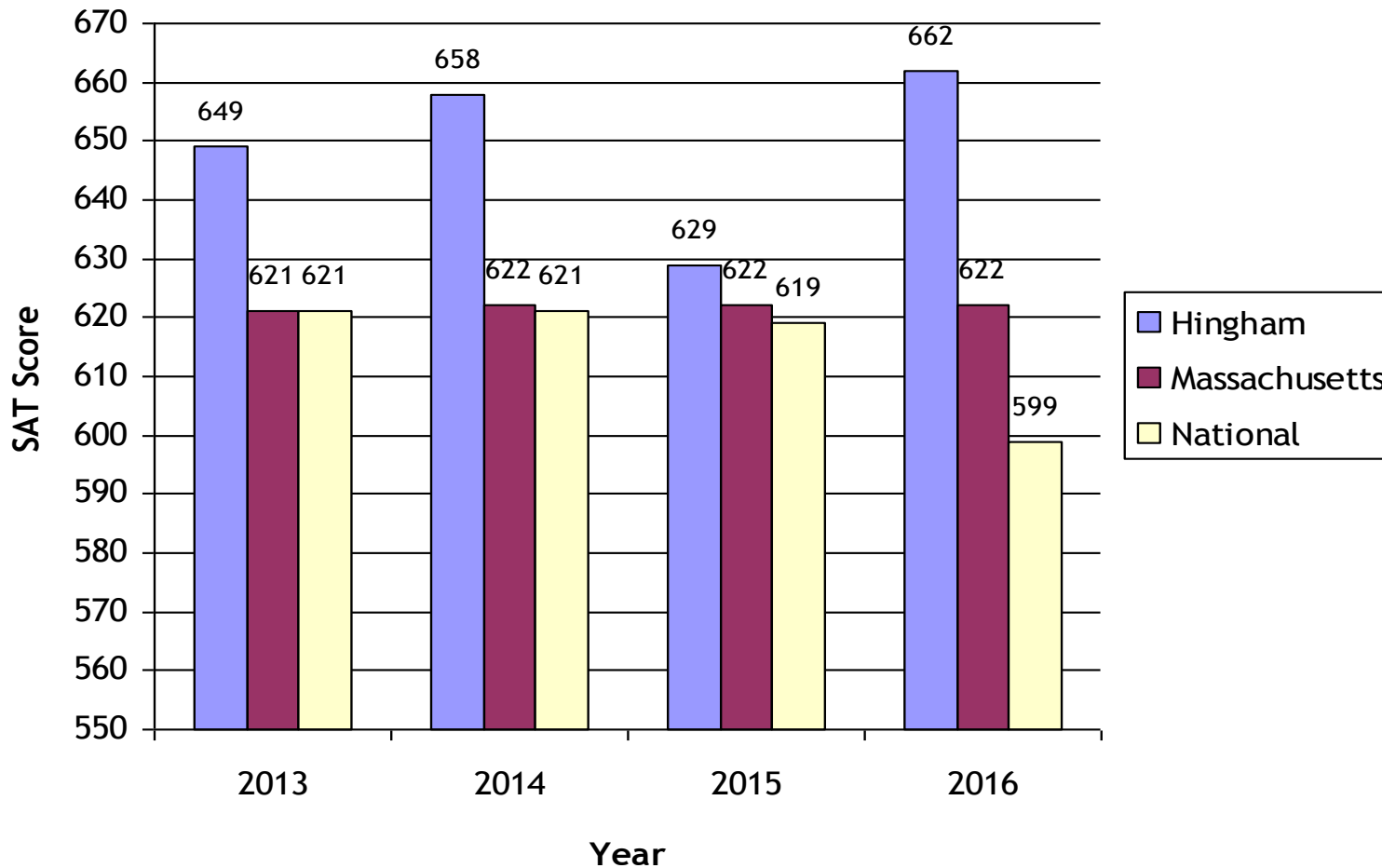
## Class of 2016

### English Literature



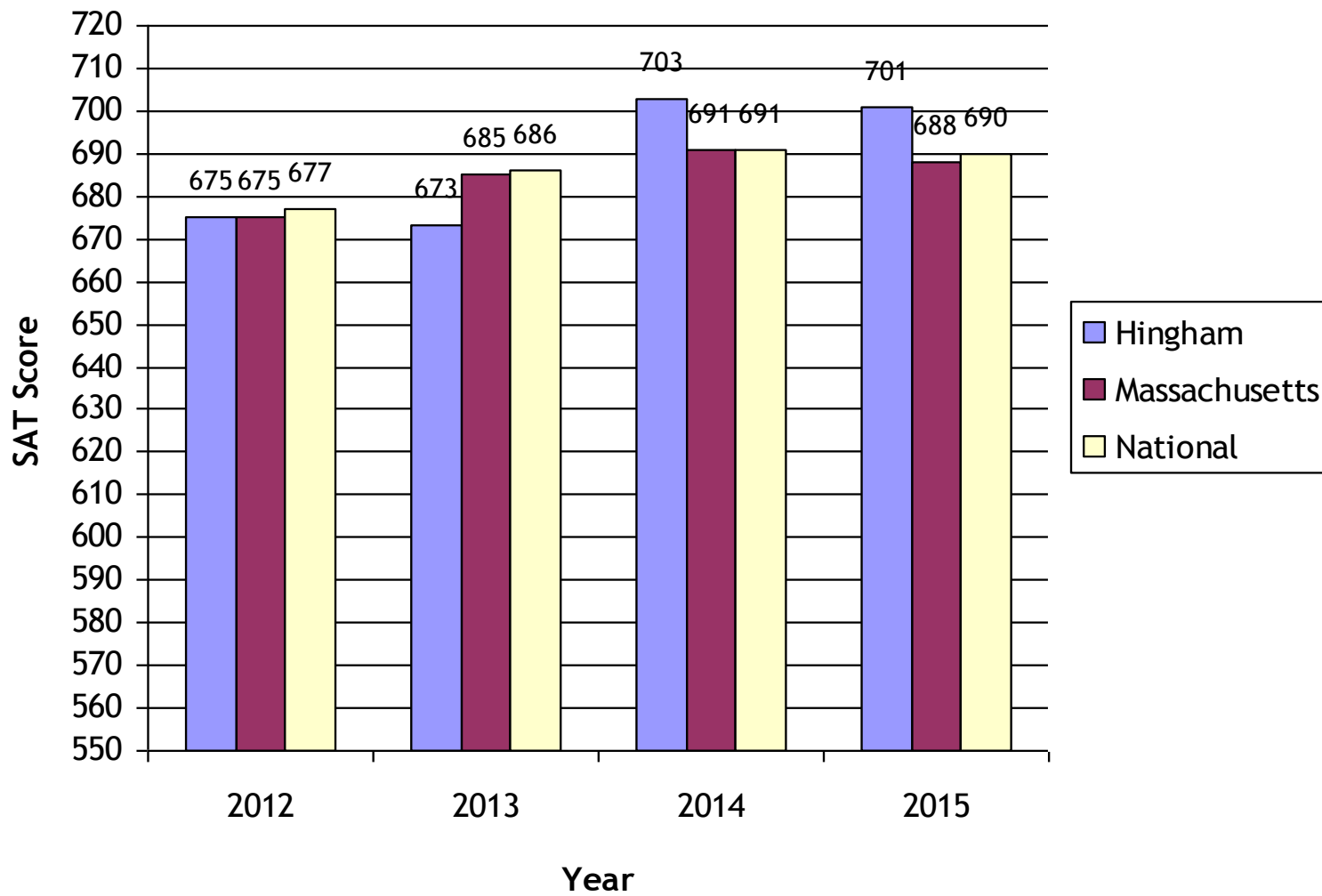
# Class of 2016

## Mathematics Level I



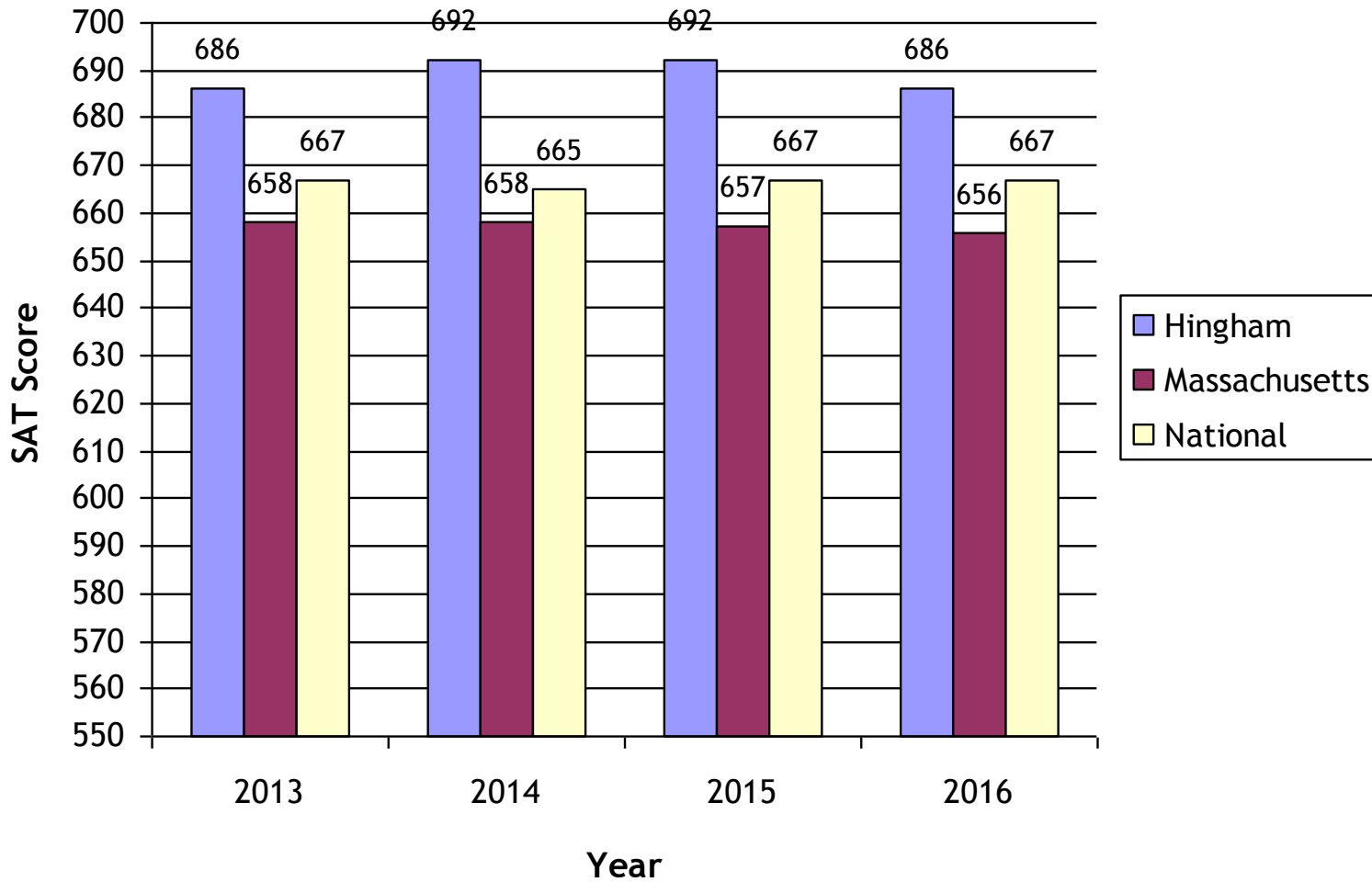
## Class of 2016

### Mathematics Level II



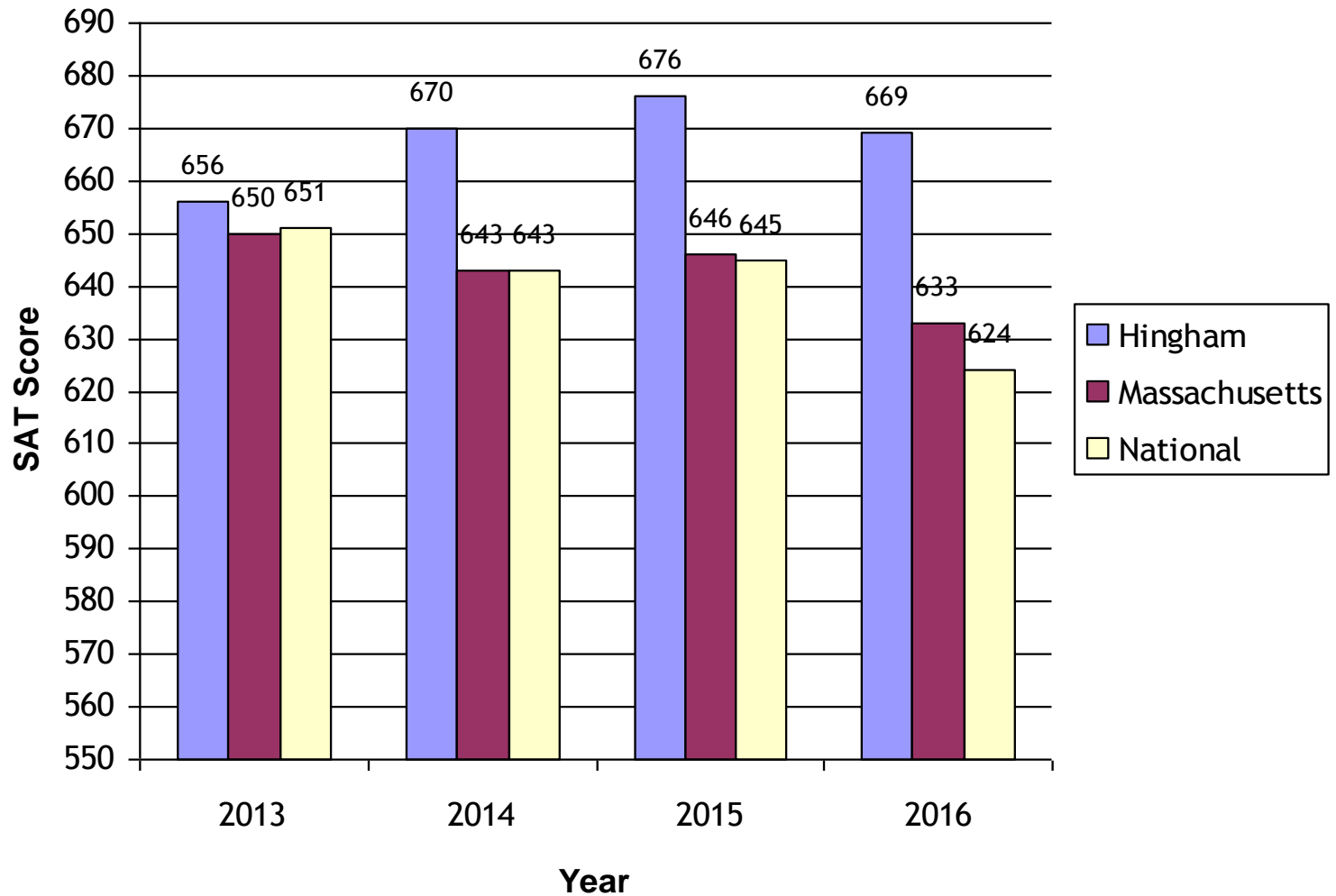
# Class of 2016

## Physics



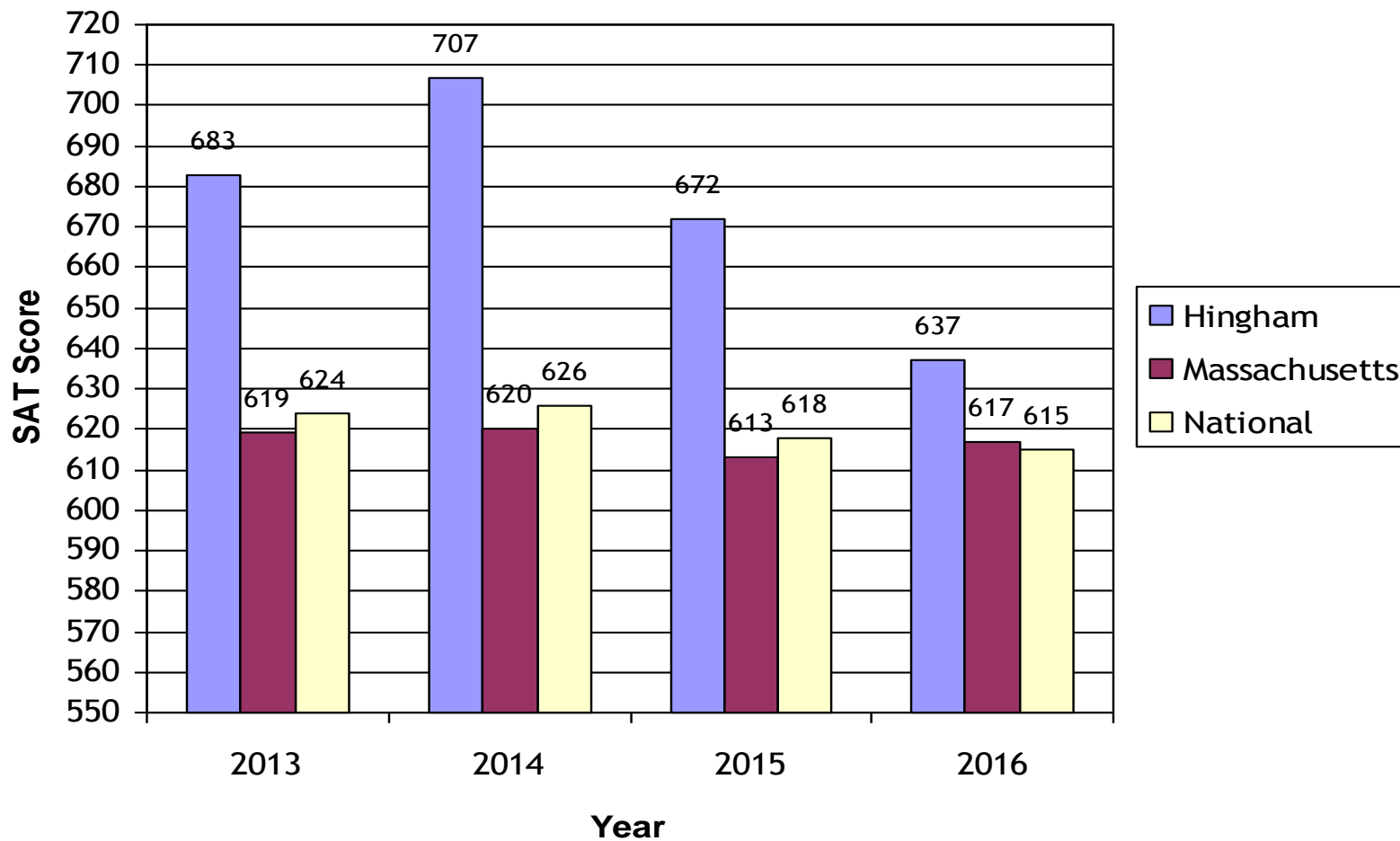
## Class of 2016

### United States History



## Class of 2016

### 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 2016

### Act Scores

#### Local, State and National Comparisons

English		
Hingham	Mass.	National
25.8	24.2	20.4

Mathematics		
Hingham	Mass.	National
25.4	24.6	20.8

Reading		
Hingham	Mass.	National
26.4	24.6	21.4

Science		
Hingham	Mass.	National
25.9	24.1	20.8

Composite		
Hingham	Mass.	National
26.6	24.8	20.9

#### 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

# AP Mean Scores 2016

	Hingham	Massachusetts	National
Biology	3.86	3.1	2.84
Calculus AB	4.72	3.22	2.94
Calculus BC	5	4.09	3.81
Chemistry	4.85	3.01	2.64
Chinese	3	4	4.23
English Language	4.53	3.17	2.81
English Lit. & Comp.	4.24	3.11	2.75
European History	4	2.97	2.7
French Lang. & Cult.	4.55	3.74	3.24
Latin	2.82	3.16	3
Music Theory	4.08	3.48	2.97
Physics C E&M	3.81	3.64	3.44
Physics C Mechanics	4.56	3.79	3.54
Spanish Language	4.18	3.83	3.76
Spanish Lit. & Culture	4.24	3.32	3
Statistics	3.9	3.03	2.86
3D Studio Art	3	3.2	3.23
US History	4.37	3.31	2.7
World History	4.58	3.16	2.6

# Percent of AP Grades 3 and Higher 2016

	Hingham	Massachusetts	National
Biology	96	70	61
Calculus AB	100	67	59
Calculus BC	100	87	81
Chemistry	100	65	52
Chinese	67	89	92
English Language	100	67	84
English Lit. & Comp.	96	68	54
European History	97	63	52
French Lang. & Cult.	100	90	74
Latin	73	69	66
Music Theory	100	72	59
Physics C E&M	88	74	69
Physics C Mechanics	100	82	76
Spanish Language	100	90	89
Spanish Lit & Culture	100	77	69
Statistics	92	83	60
3D Studio Art	88	78	75
US History	100	88	52
World History	100	72	51

## 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	843	658	78.1
Braintree	678	578	85.3
Canton	462	311	67.3
Cohasset	276	237	85.9
Concord-Carlisle	498	470	94.4
Dedham	349	204	58.5
<b>Hingham</b>	<b>480</b>	<b>461</b>	<b>96</b>
Hull	139	93	66.9
Lexington	1622	1530	94.3
Marblehead	568	486	85.6
Milton	589	445	75.6
Needham	807	747	92.6
Norwell	378	309	81.7
Rockland	232	96	41.4
Scituate	520	387	74.4
Wellesley	618	591	95.6
Weston	512	431	84.2
Westwood	497	449	90.3
Weymouth	409	308	75.3
Winchester	679	604	89

## 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 2016 performed at a sufficiently high level to merit such recognition. In Hingham, 39% of the 254 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

## 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	5	8	295	4