

A Profile  
CEEB Testing and Placement  
Class of 2015  
December 7, 2015

## Summary of Plans Class of 2015 PERCENT OF TOTAL GRADUATES

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

\*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\*

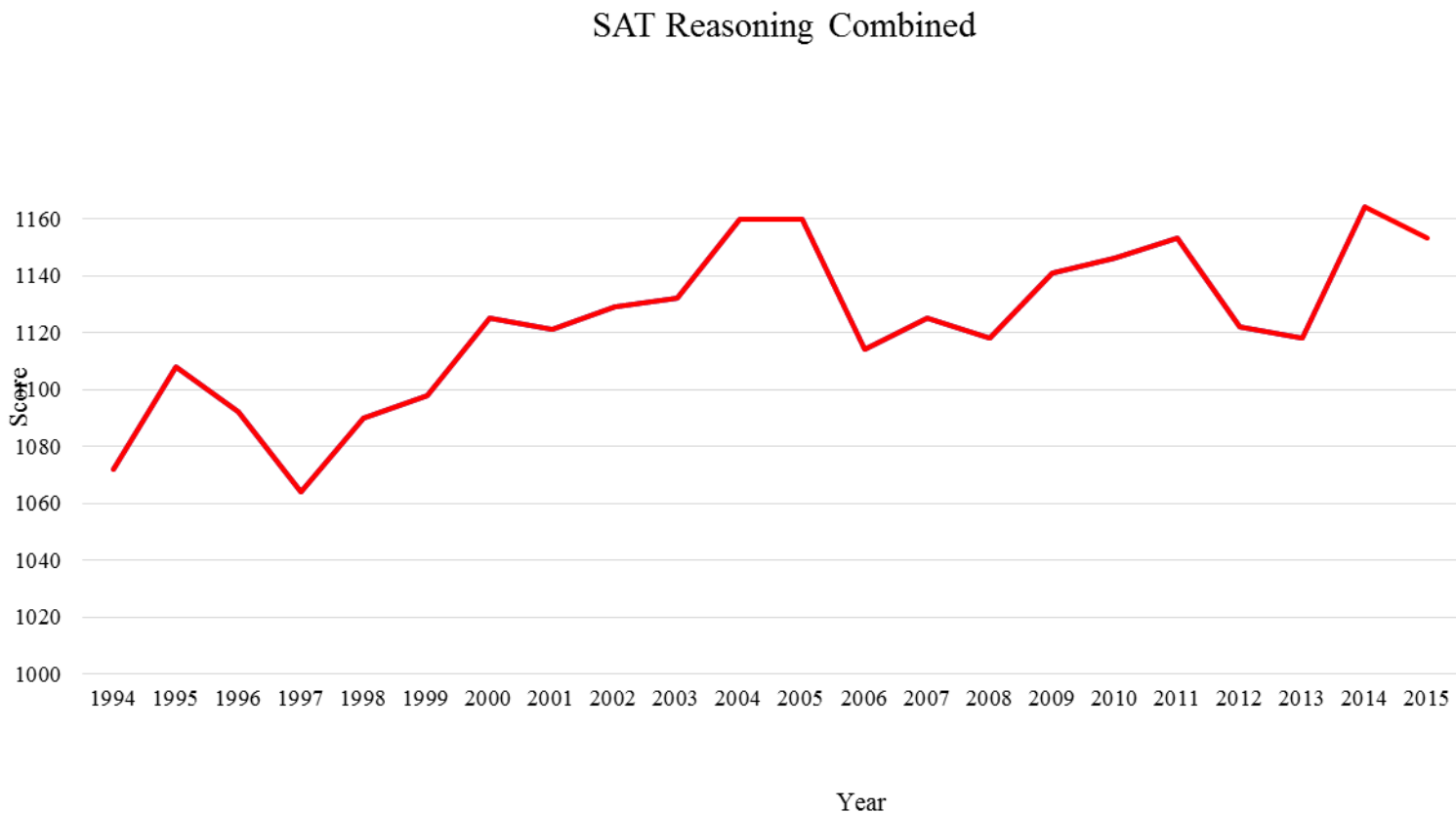
## Continued

**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.

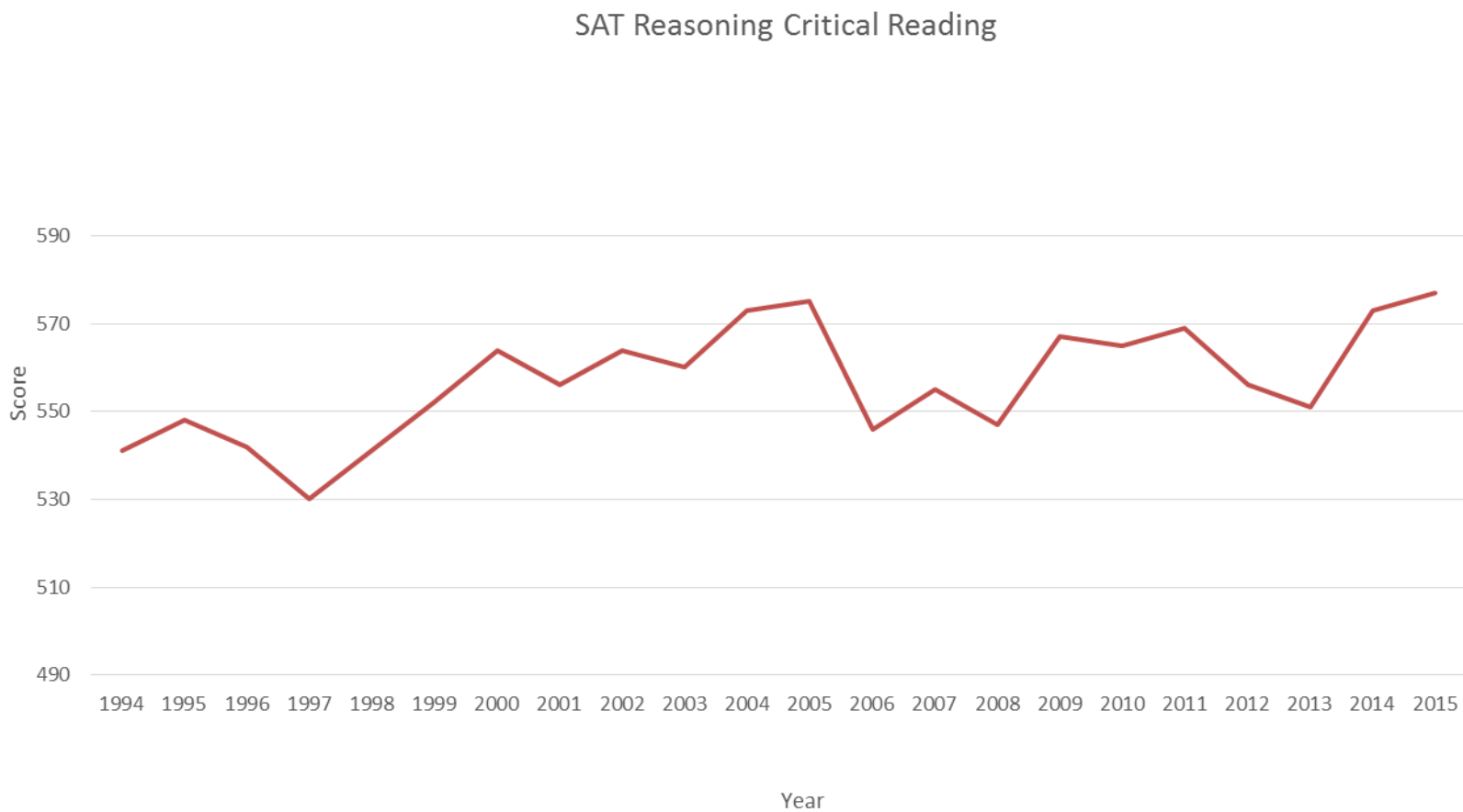
**There is also a 25-minute un-scored section**, known as the variable or equating section. It may be a critical reading, math, or multiple-choice writing section. This section does not count toward the student's final score, but is used to try out new questions for future editions of the SAT and to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

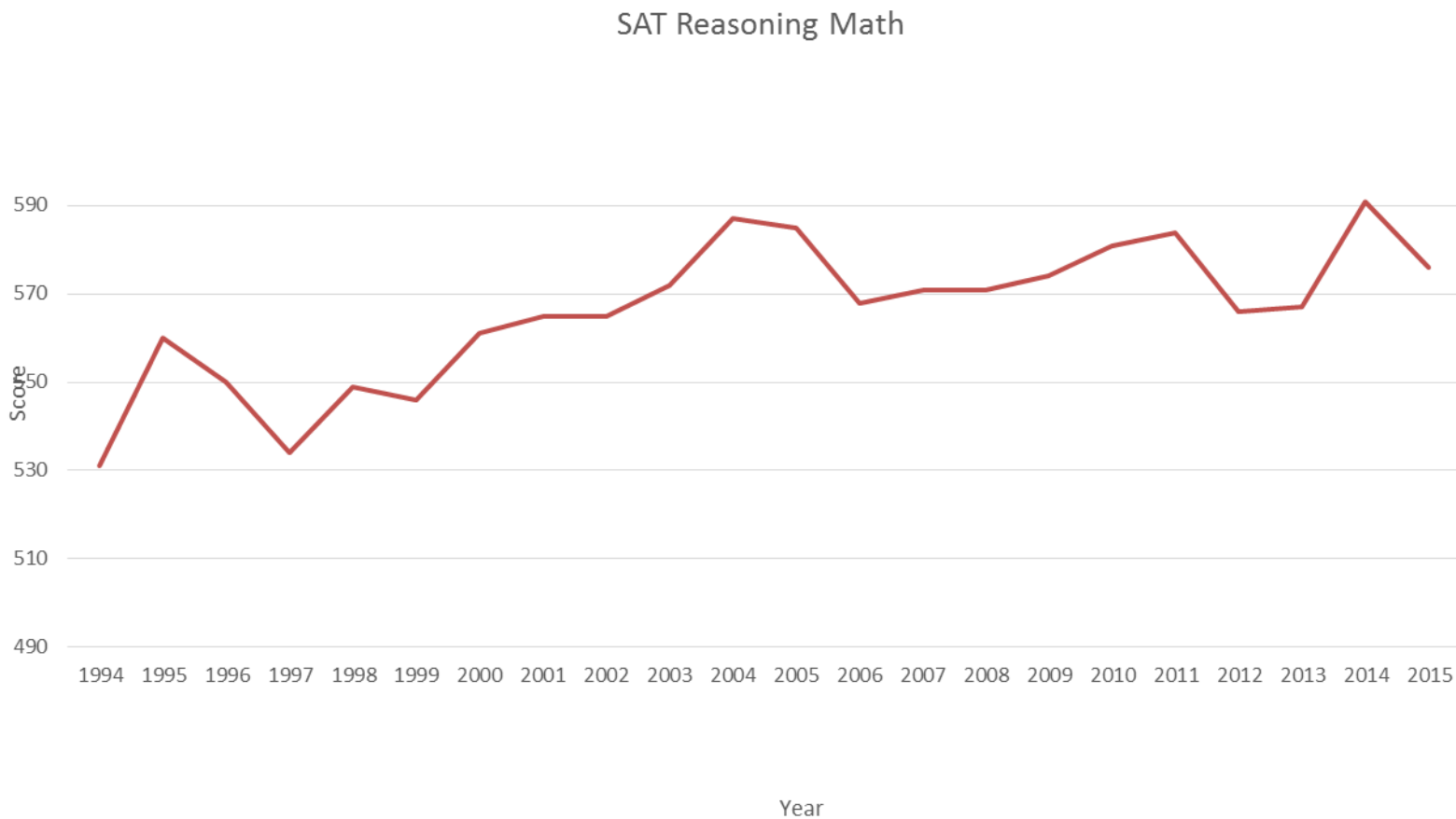
# SAT Combined Score 1994-2015



# SAT Critical Reading Section 1994-2015



# SAT Math Section 1994-2015



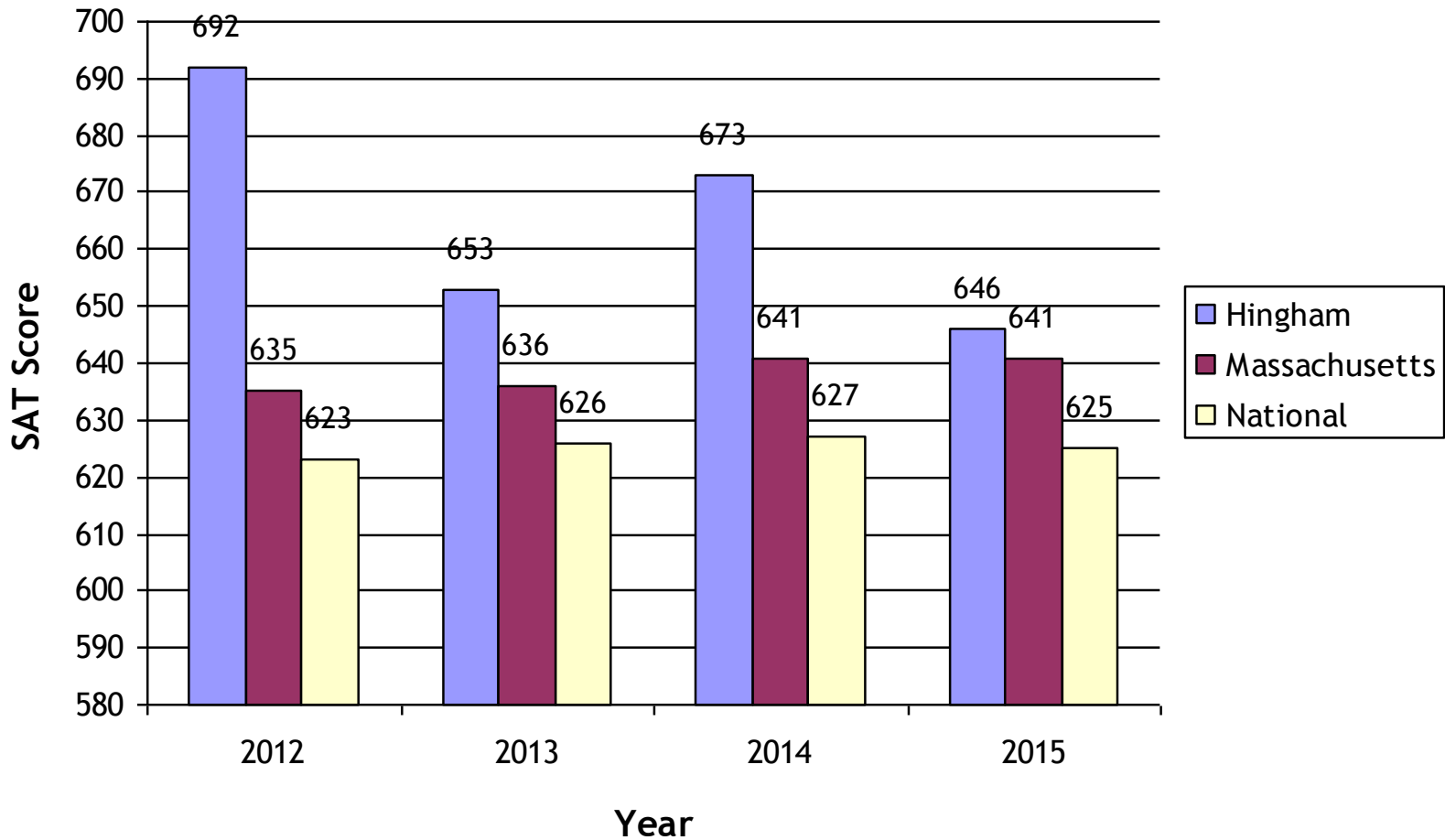
# SAT Benchmark Schools Comparison

School	SAT Critical Reading	SAT Math	SAT Writing
Andover	568	586	567
Braintree	521	546	517
Canton	525	541	520
Cohasset	557	541	539
Concord-Carlisle	580	596	575
Dedham	487	511	475
<b>Hingham</b>	<b>577</b>	<b>576</b>	<b>574</b>
Hull	488	504	476
Lexington	626	656	626
Marblehead	568	569	565
Milton	527	538	517
Needham	580	599	585
Norwell	554	562	544
Rockland	486	505	482
Scituate	543	555	536
Wellesley	607	608	603
Weston	600	626	603
Westwood	565	579	561
Weymouth	504	489	486
Winchester	591	611	587



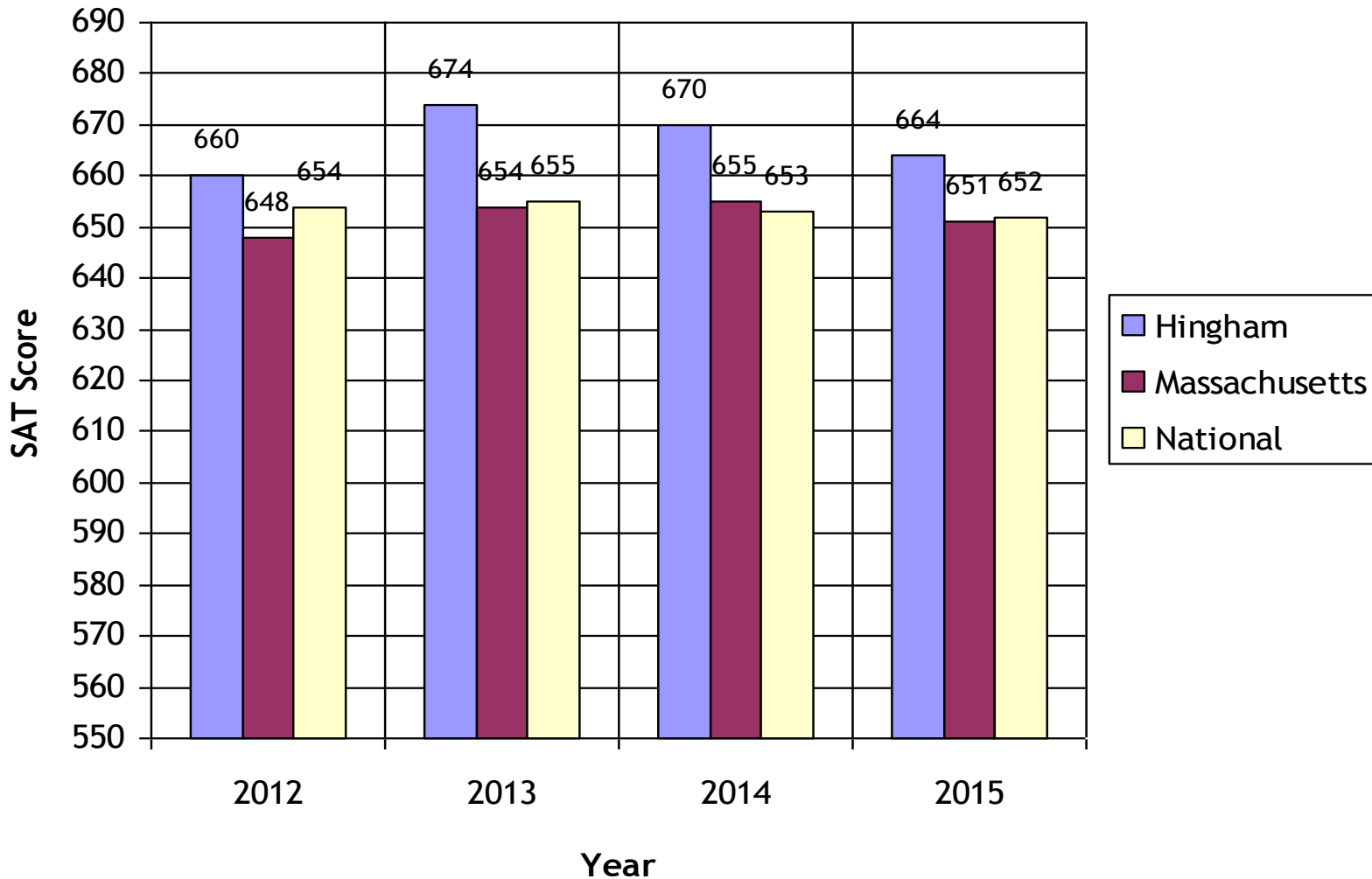
# Class of 2015

## Biology - Ecological



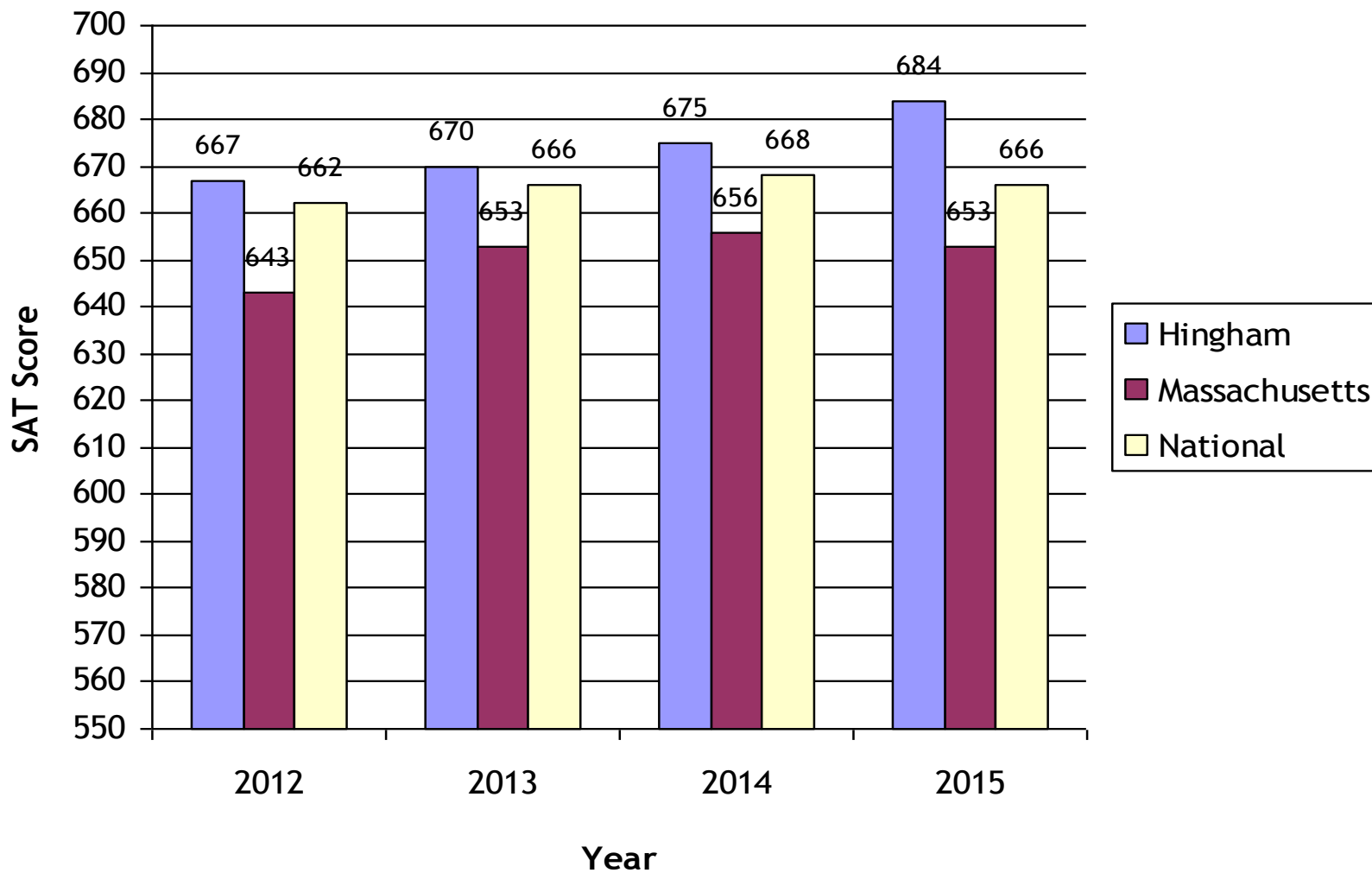
## Class of 2015

### Biology - Molecular



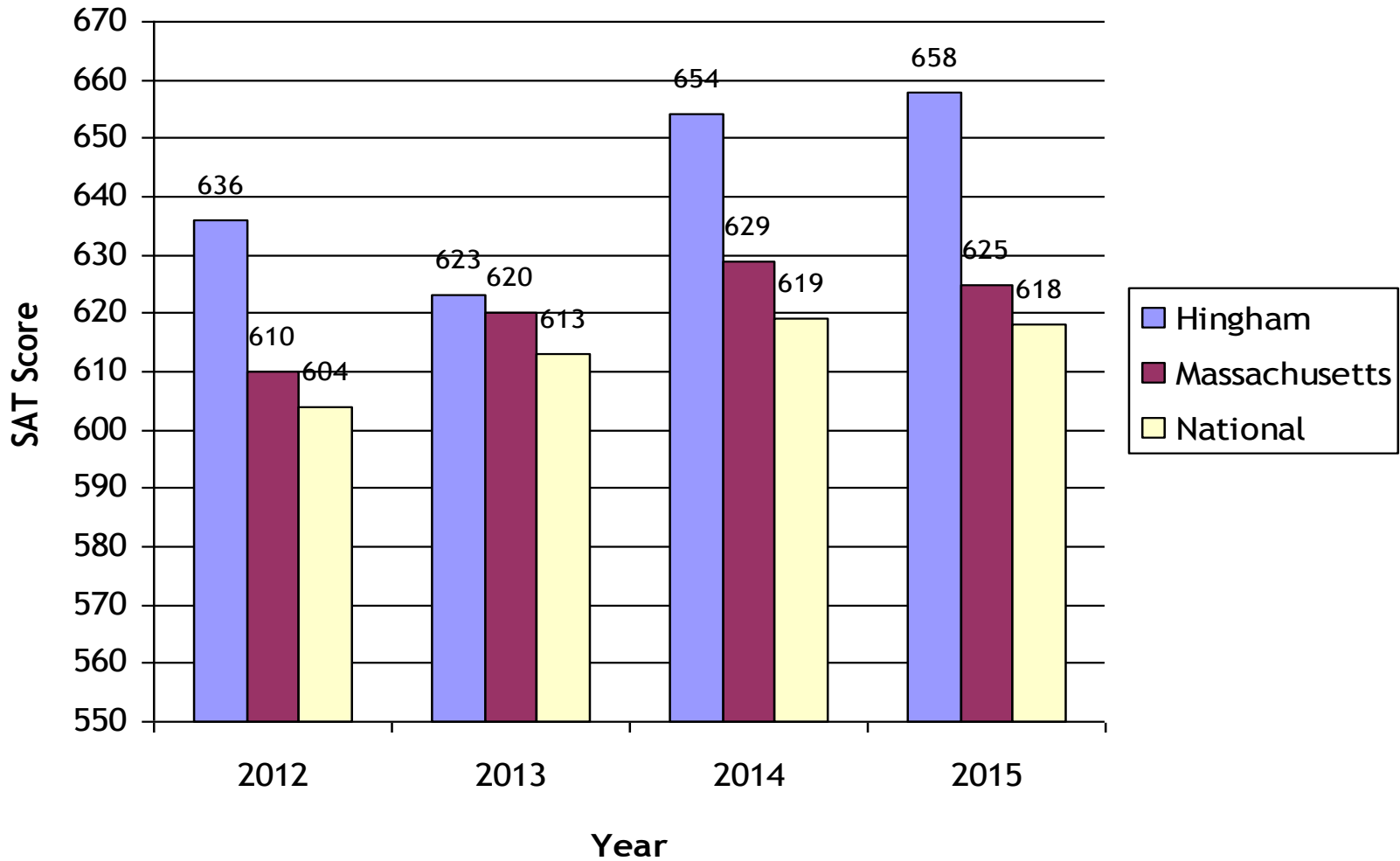
## Class of 2015

### Chemistry



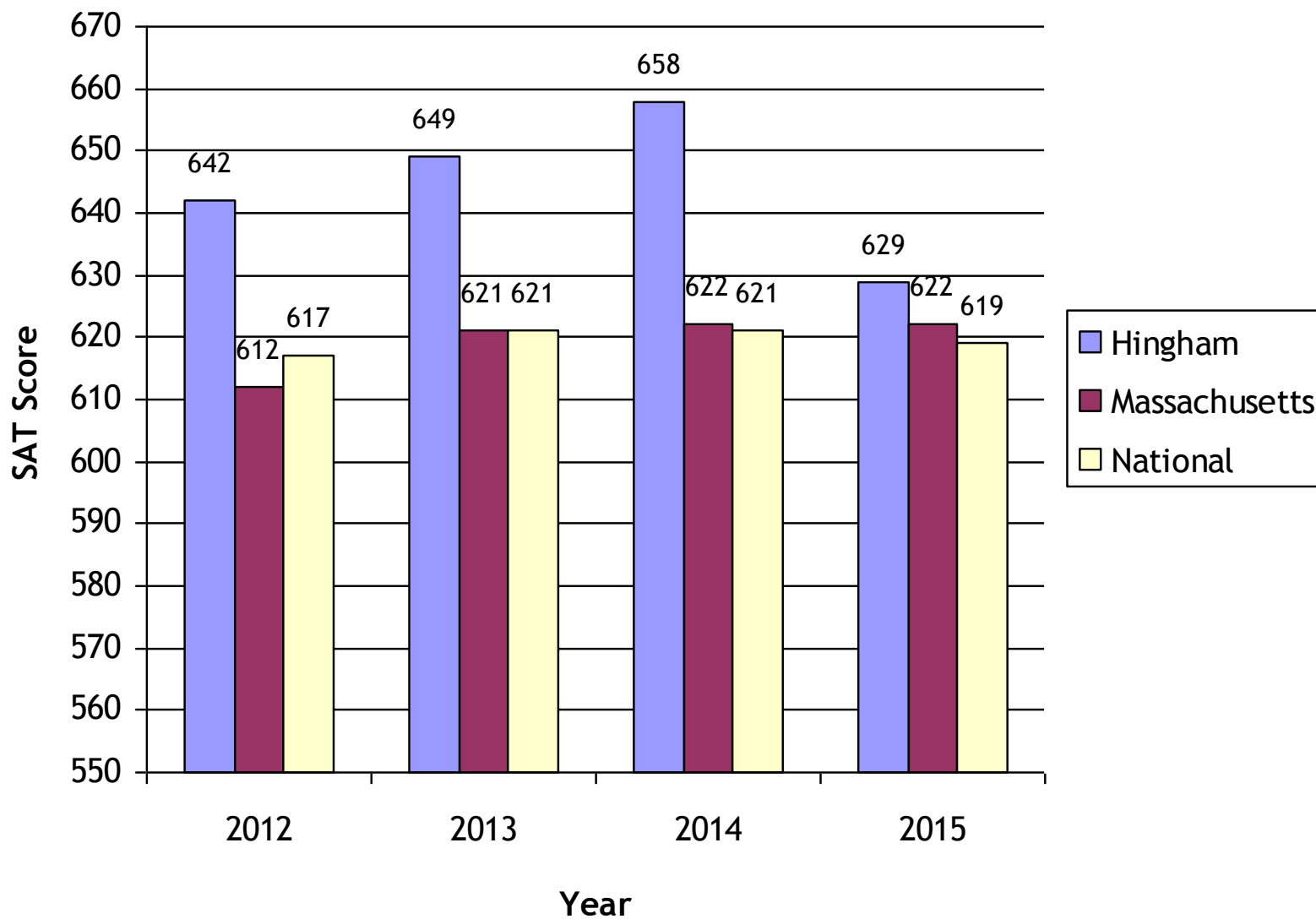
# Class of 2015

## English Literature

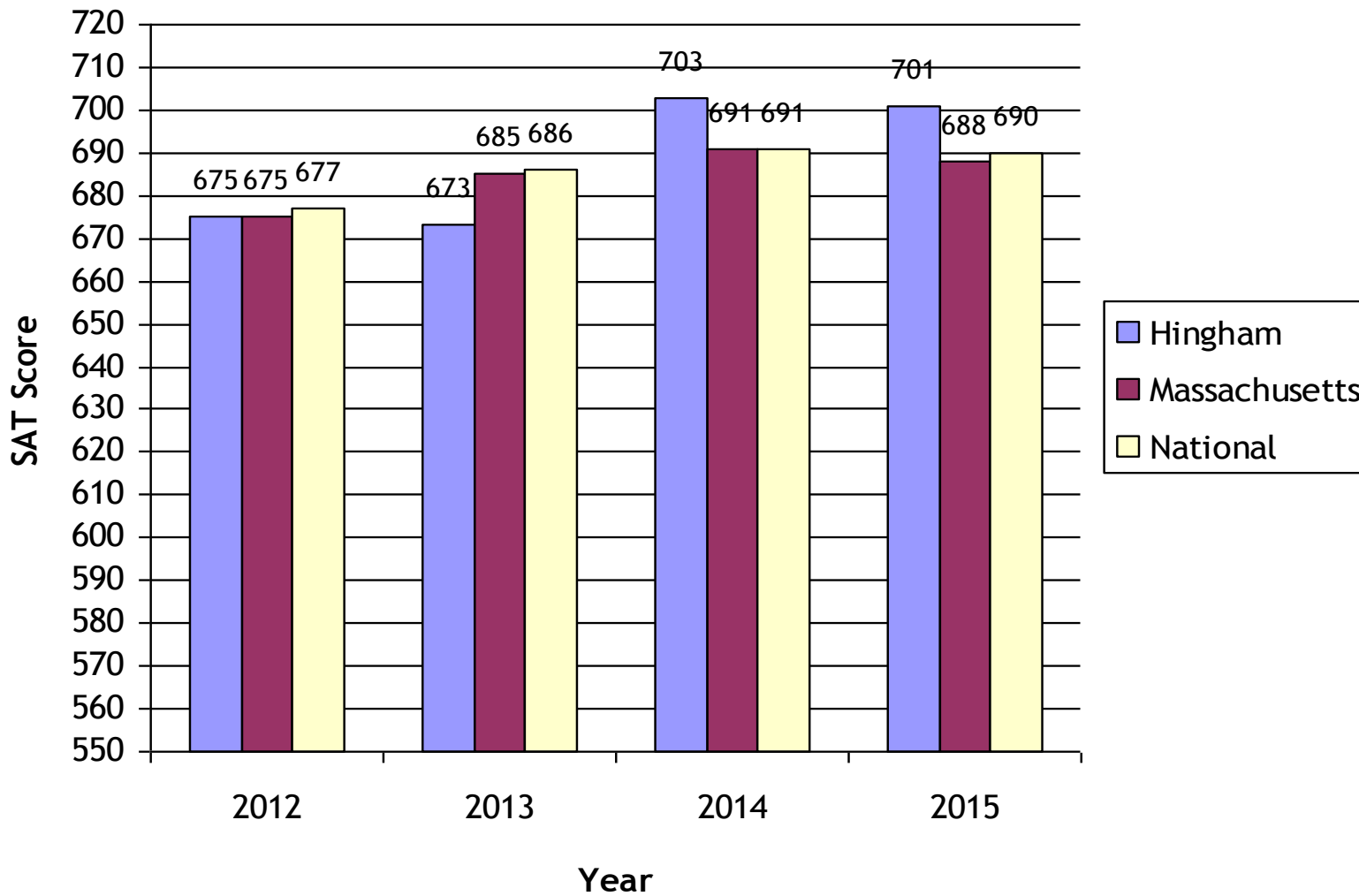


## Class of 2015

### Mathematics Level I

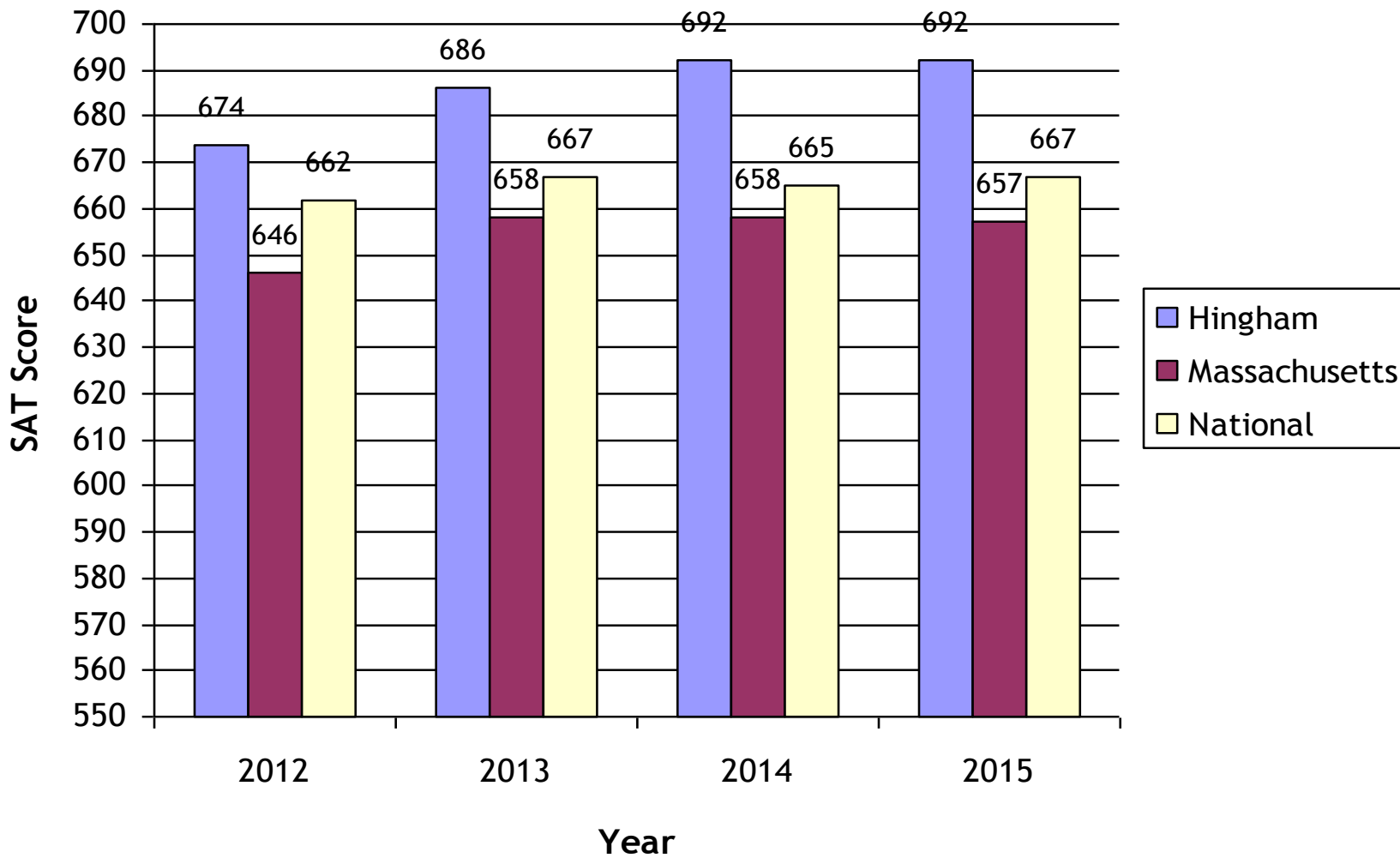


## Class of 2015 Mathematics Level II



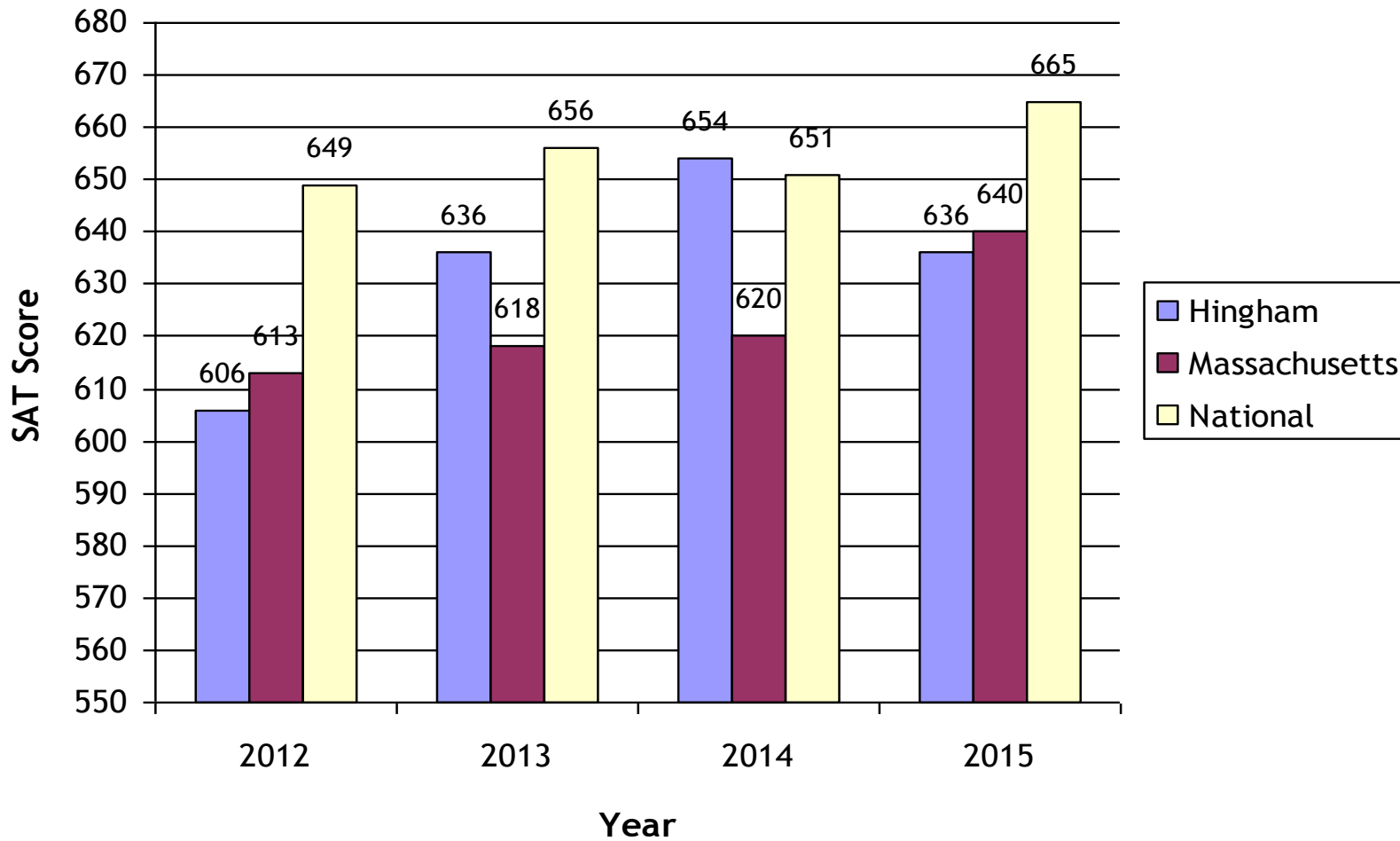
## Class of 2015

### Physics



## Class of 2015

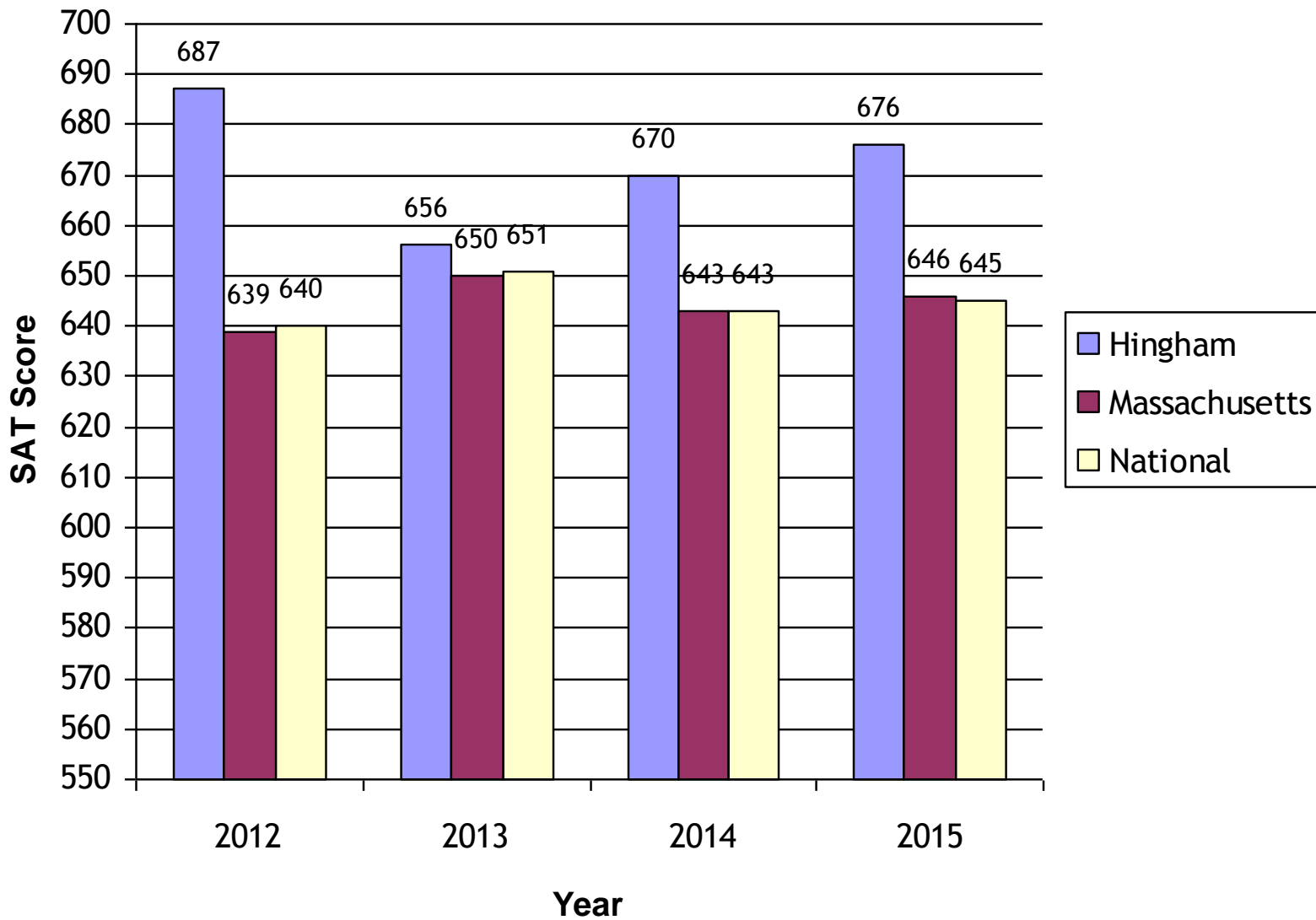
### Spanish with Listening





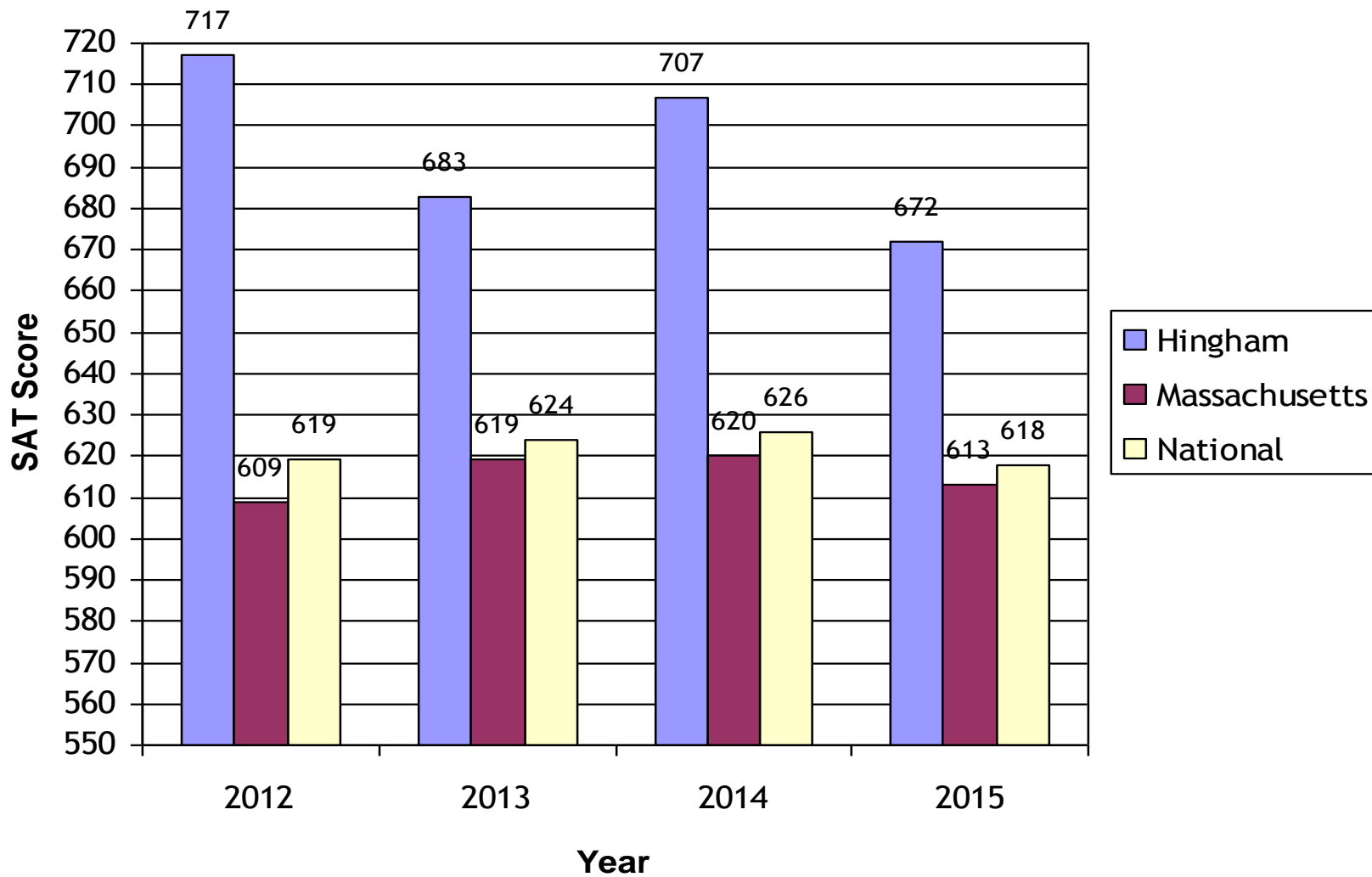
## Class of 2015

### United States History



## Class of 2015

### 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 2015

### 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
24.9	23.8	20.9

Composite		
Hingham	Mass.	National
25.7	24.4	21

#### Hingham ACT Scores 2008-2015

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

# AP Mean Scores 2015

	<b>Hingham</b>	<b>Massachusetts</b>	<b>National</b>
<b>Biology</b>	3.87	3.13	2.9
<b>Calculus AB</b>	4.23	3.15	2.84
<b>Calculus BC</b>	4.75	4.07	3.72
<b>Chemistry</b>	4.7	3.06	2.62
<b>English Language</b>	4.35	3.16	2.78
<b>English Lit. &amp; Comp.</b>	3.91	3.15	2.78
<b>European History</b>	4.46	2.99	2.74
<b>French Lang. &amp; Cult.</b>	4.58	3.77	3.21
<b>Music Theory</b>	4.11	3.53	3.01
<b>Physics C E&amp;M</b>	3.6	3.46	3.35
<b>Physics C Mechanics</b>	4.4	3.71	3.5
<b>Spanish Language</b>	4	3.9	3.77
<b>Spanish Lit. &amp; Culture</b>	3.77	2.98	3.07
<b>Statistics</b>	3.61	2.93	2.78
<b>US History</b>	4.37	3.25	2.64
<b>World History</b>	4.44	3.34	2.61

# Percent of AP Grades 3 and Higher 2015

	<b>Hingham</b>	<b>Massachusetts</b>	<b>National</b>
<b>Biology</b>	100	72	64
<b>Calculus AB</b>	95	66	57
<b>Calculus BC</b>	95	88	80
<b>Chemistry</b>	100	67	38
<b>English Language</b>	100	43	55
<b>English Lit. &amp; Comp.</b>	95	70	56
<b>European History</b>	100	71	63
<b>French Lang. &amp; Cult.</b>	100	87	74
<b>Music Theory</b>	100	72	61
<b>Physics C E&amp;M</b>	73	70	66
<b>Physics C Mechanics</b>	100	80	77
<b>Spanish Language</b>	100	92	90
<b>Spanish Lit &amp; Culture</b>	92	67	72
<b>Statistics</b>	100	61	57
<b>US History</b>	100	71	51
<b>World History</b>	100	78	52

## 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	788	634	81
Braintree	635	506	80
Canton	455	284	62
Cohasset	253	212	84
Concord-Carlisle	332	315	95
Dedham	354	177	50
<b>Hingham</b>	<b>434</b>	<b>423</b>	<b>98</b>
Hull	132	69	52
Lexington	1,513	1,409	93
Marblehead	497	412	83
Milton	589	428	73
Needham	755	690	91
Norwell	343	254	74
Rockland	199	56	28
Scituate	561	423	75
Wellesley	524	503	96
Weston	469	414	88
Westwood	514	462	90
Weymouth	435	321	74
Winchester	552	485	88

## 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 2.4 million students who took AP exams in May 2015 performed at a sufficiently high level to merit such recognition. In Hingham, 45% of the 228 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