

Watertown Public Schools Assessment Report 2009

Part I

MCAS, AYP, AMAO, SAT

Part II

ACT, AP, MAP and curriculum assessments

Ann Koufman-Frederick
School Committee Meeting
October 5, 2009

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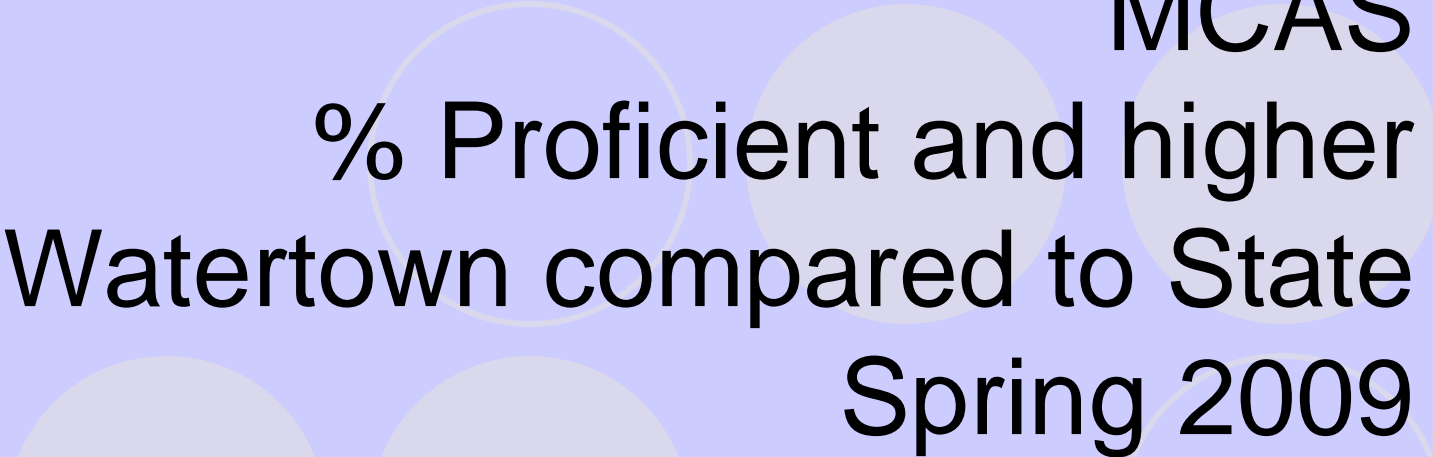
Part I (10/5/2009)

- MCAS % Proficient or higher: Watertown compared to State, Spring 2009
- MCAS Comparing Math to English by Grade, and Watertown to State, Spring 2009
- MCAS Changes in Performance, 2008 - 2009
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- Adequate Yearly Progress, Spring 2009
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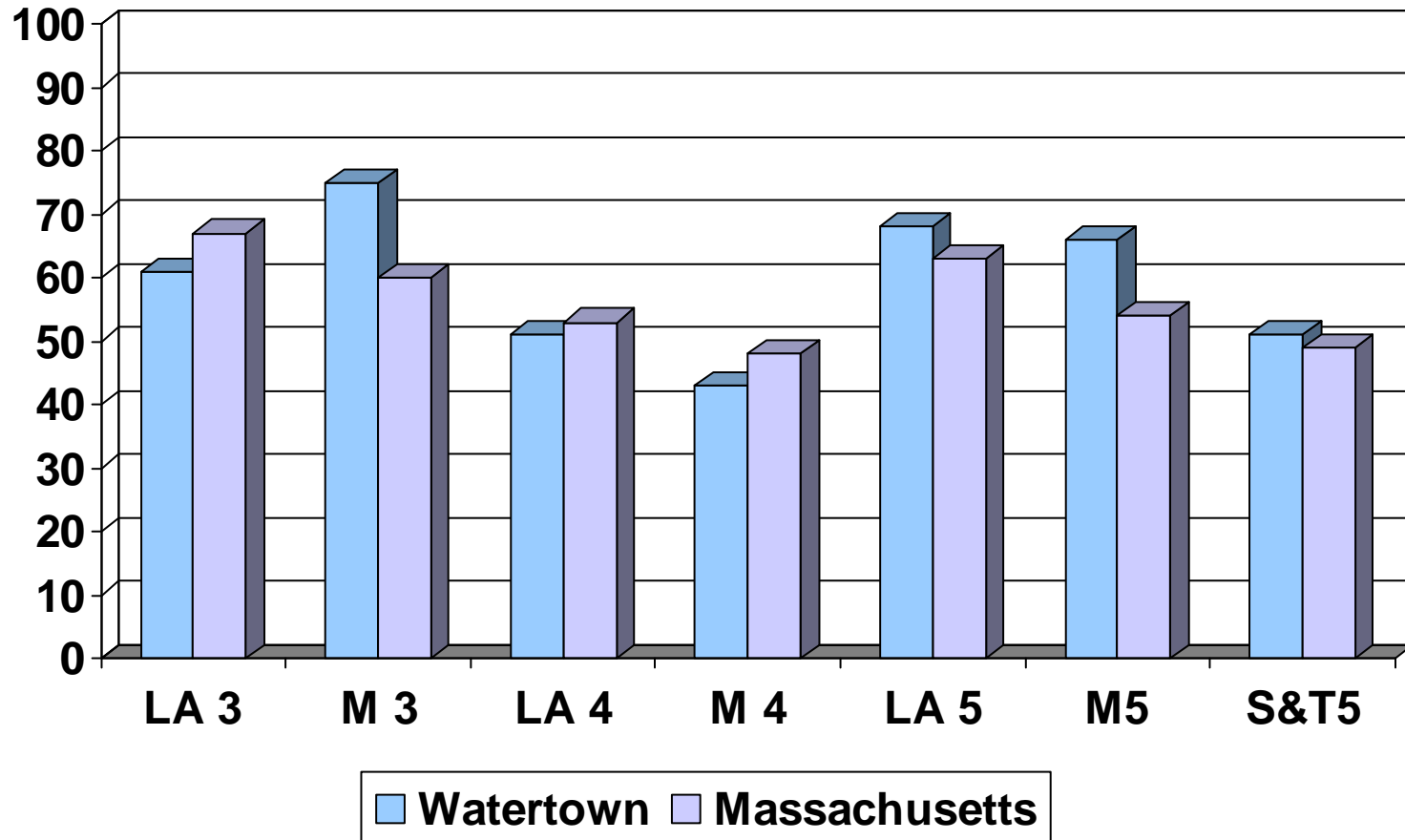
- ACT, Spring
- AP, Spring 2009
- MAP, Measures of Academic Progress, ongoing



MCAS
% Proficient and higher
Watertown compared to State
Spring 2009

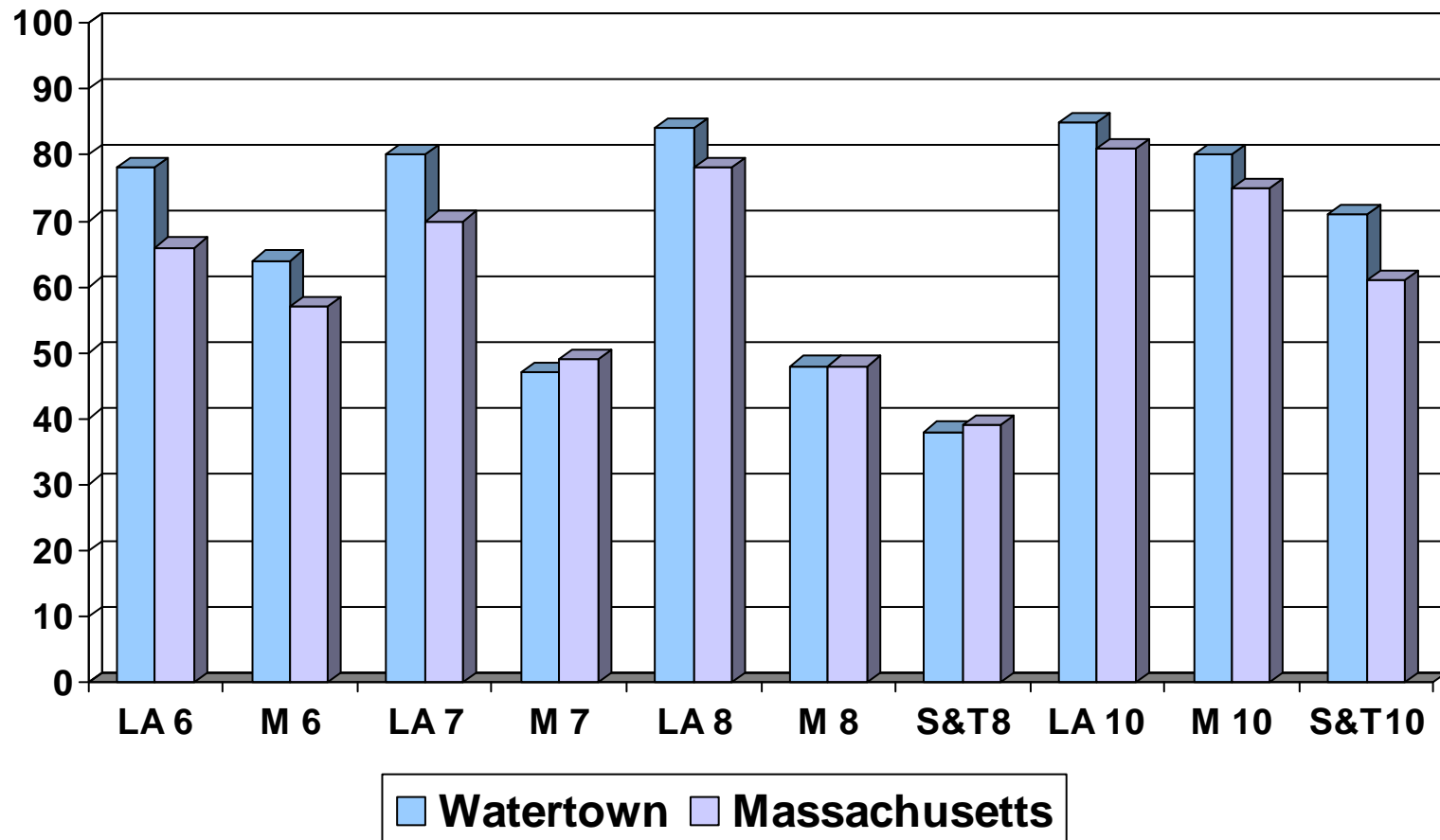
Grades 3 to 5

% Proficient and higher



Grades 6 to 10

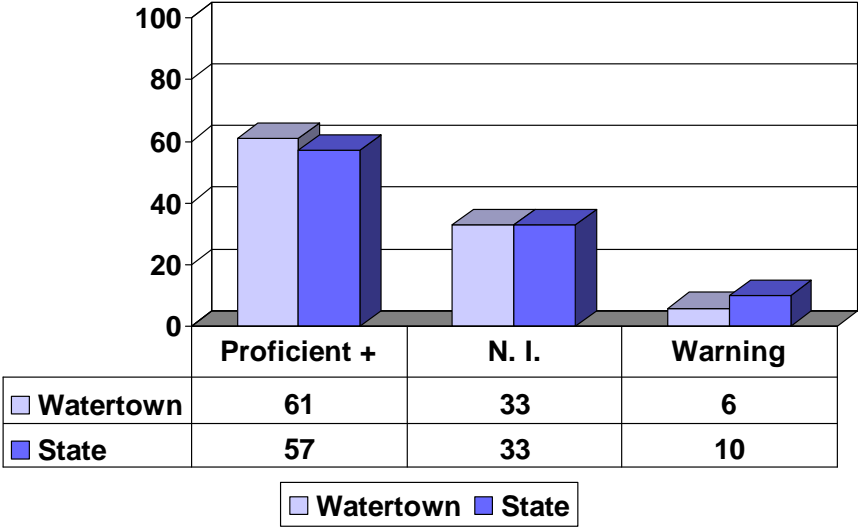
% Proficient and higher



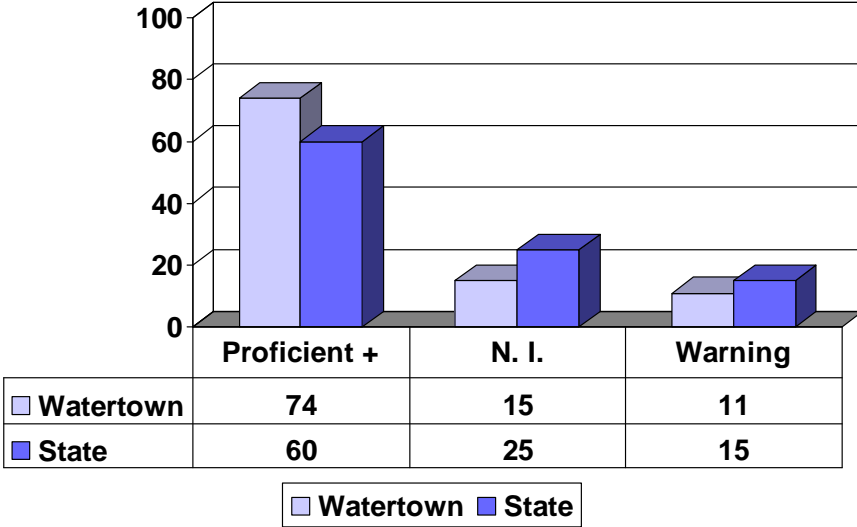
MCAS
Comparing Math to English by Grade
and Watertown to State
Spring 2009

Grade 3

English Language Arts

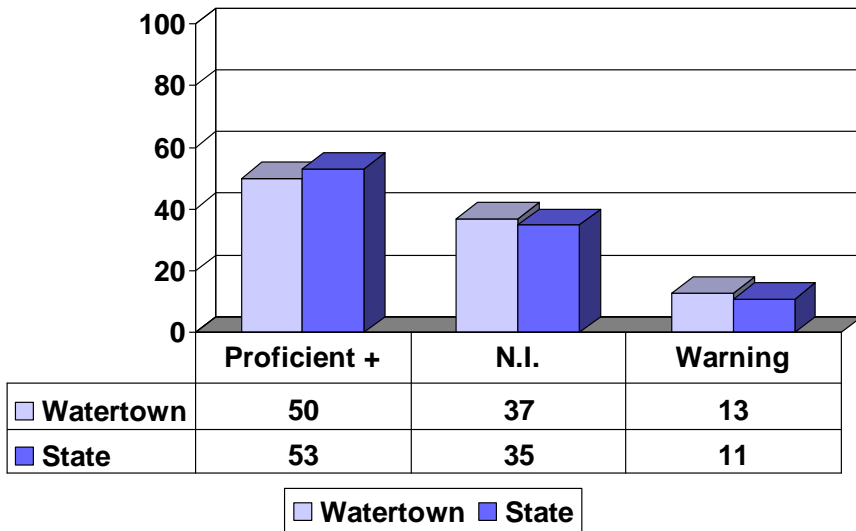


Mathematics

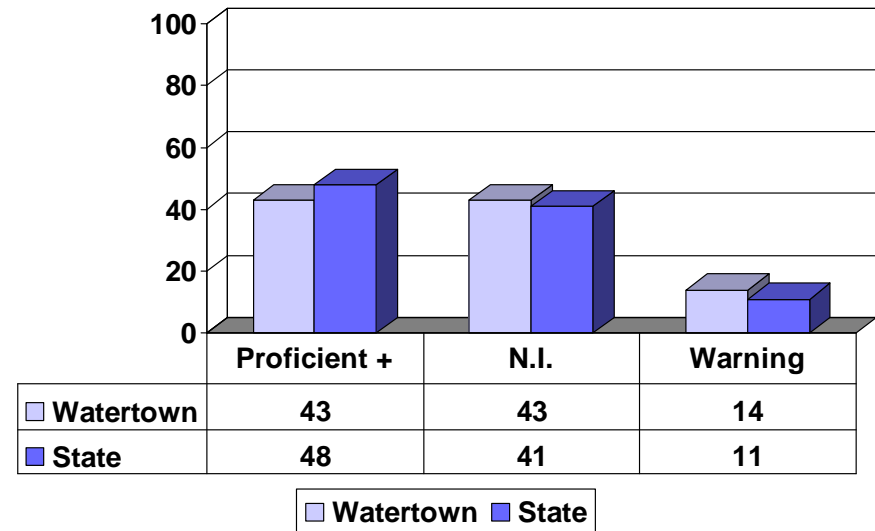


Grade 4

English Language Arts

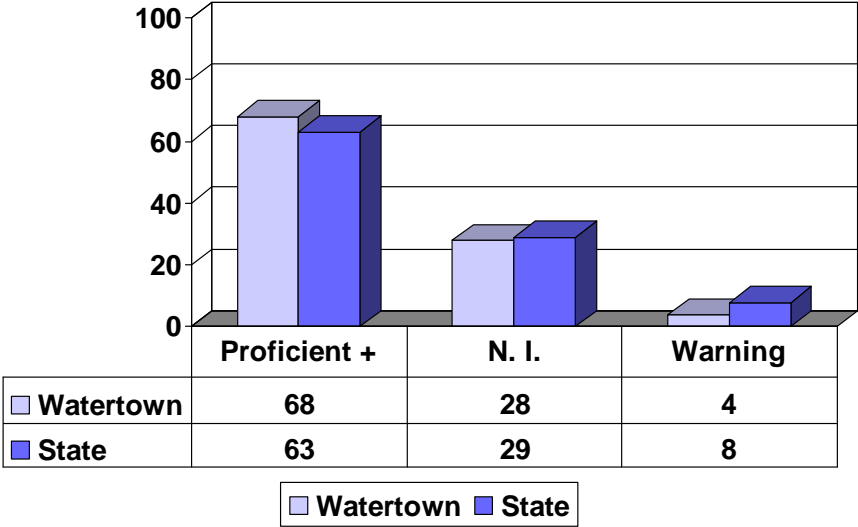


Mathematics

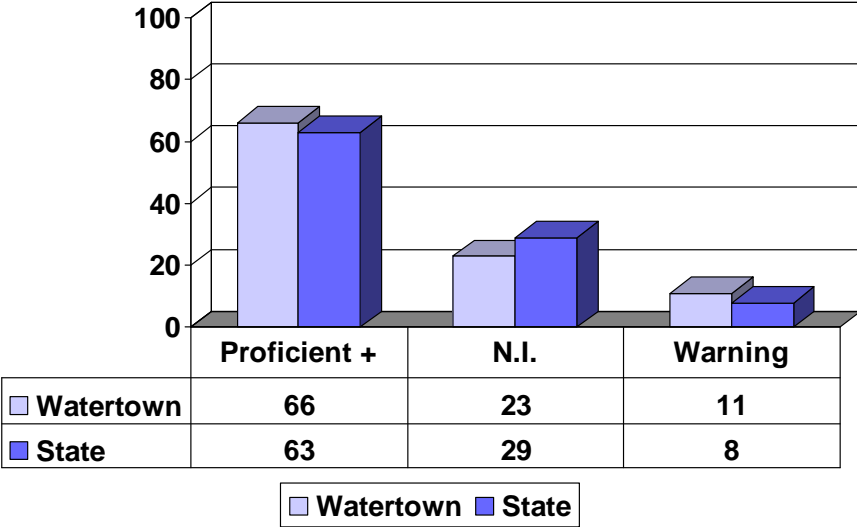


Grade 5

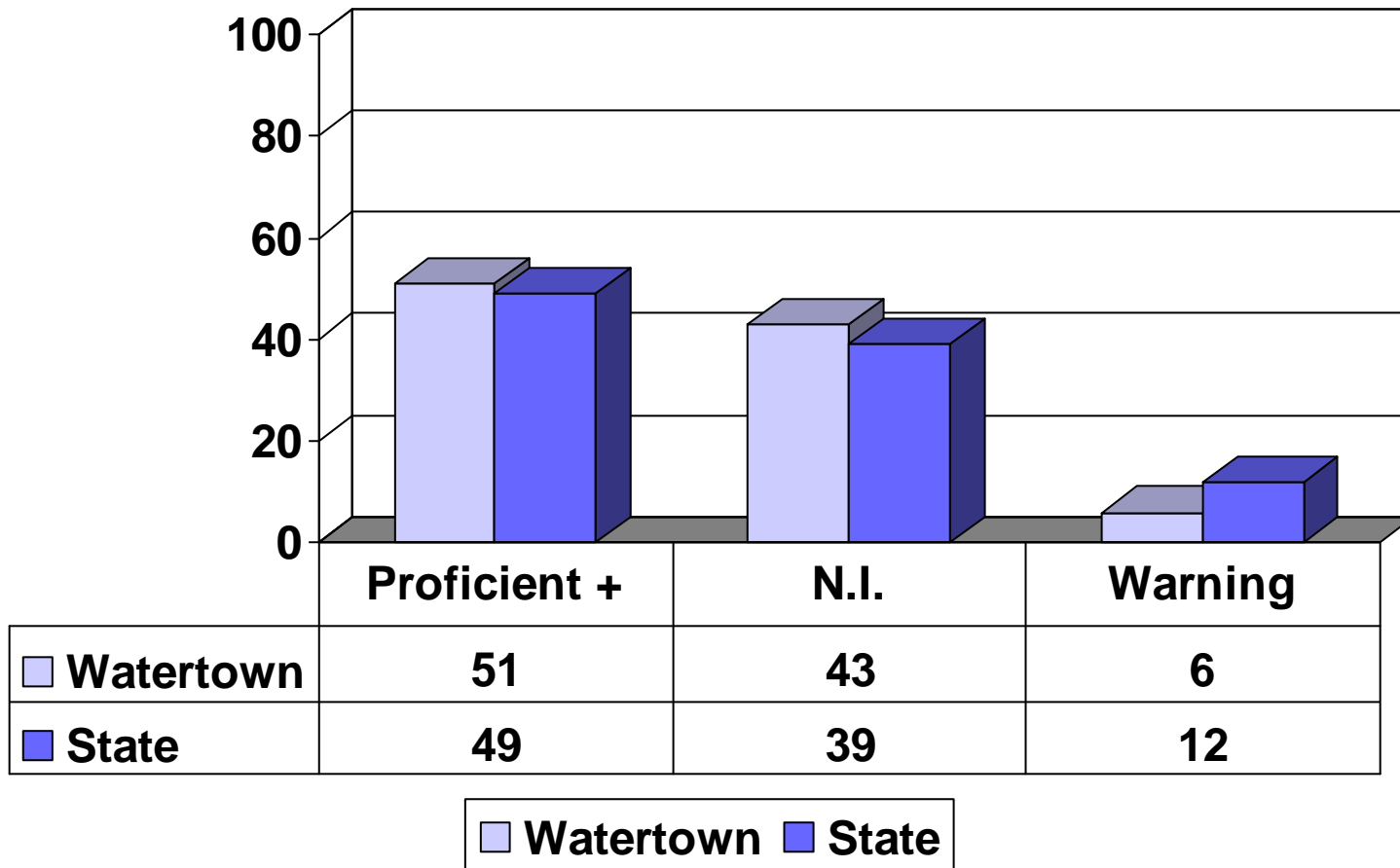
English Language Arts



Mathematics

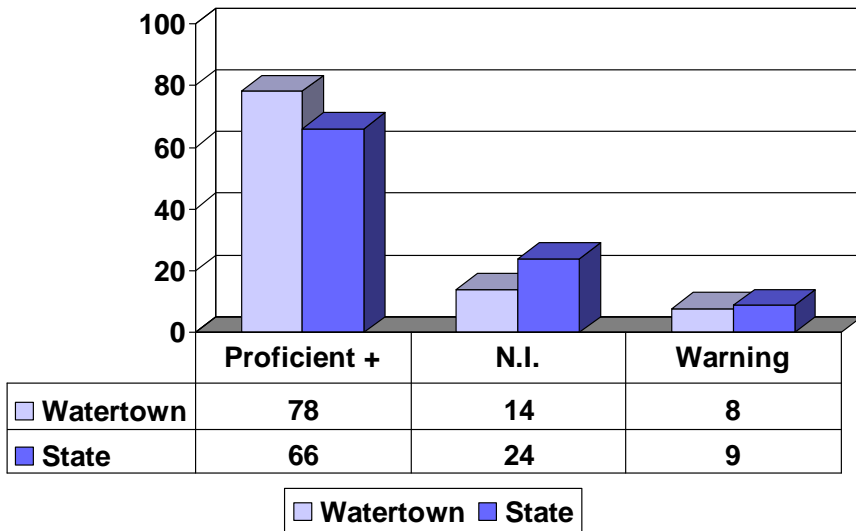


Grade 5 Science and Tech

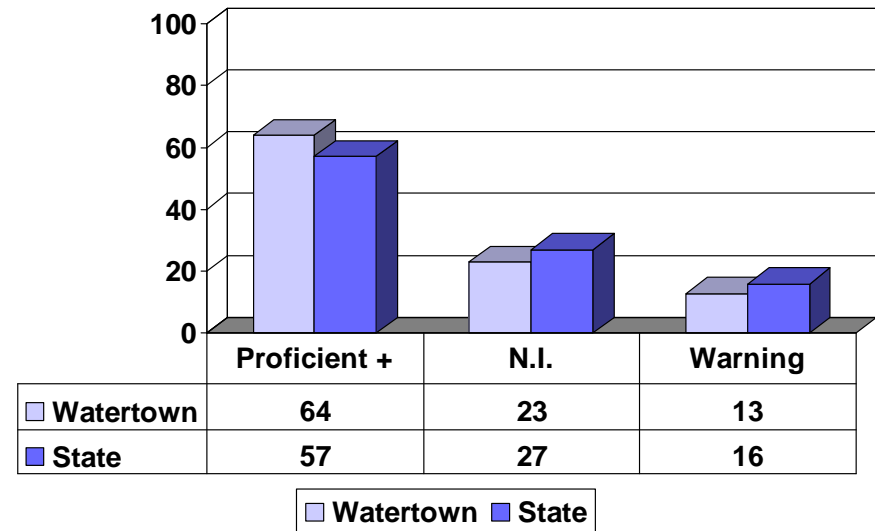


Grade 6

English Language Arts

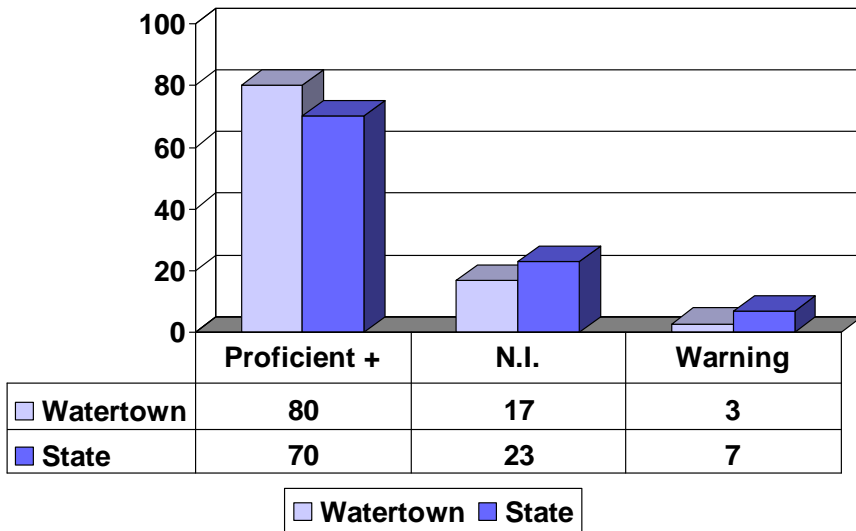


Mathematics

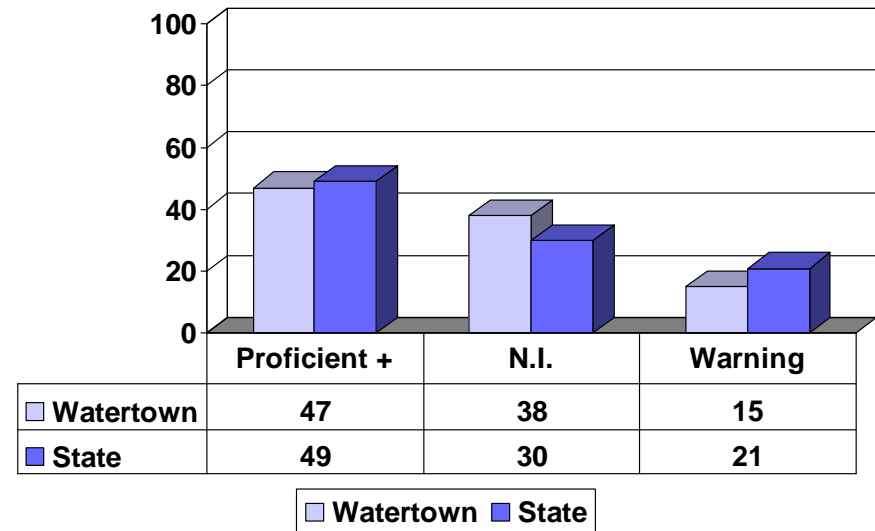


Grade 7

English Language Arts

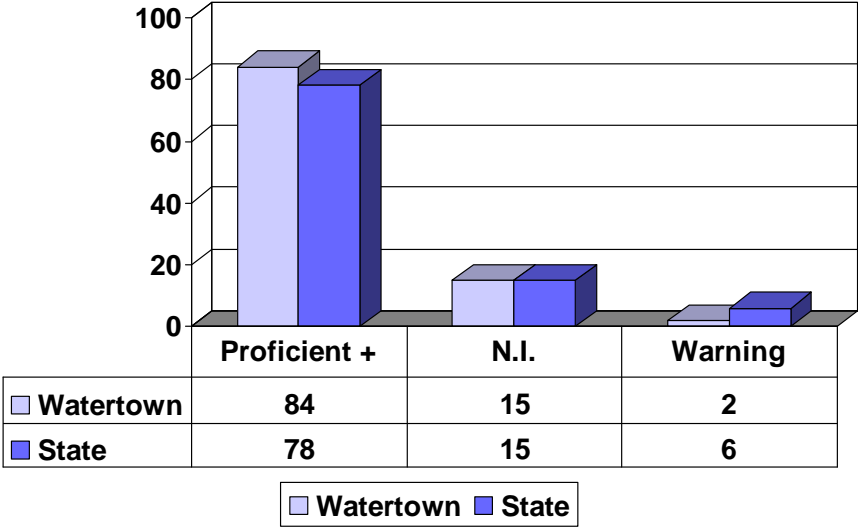


Mathematics

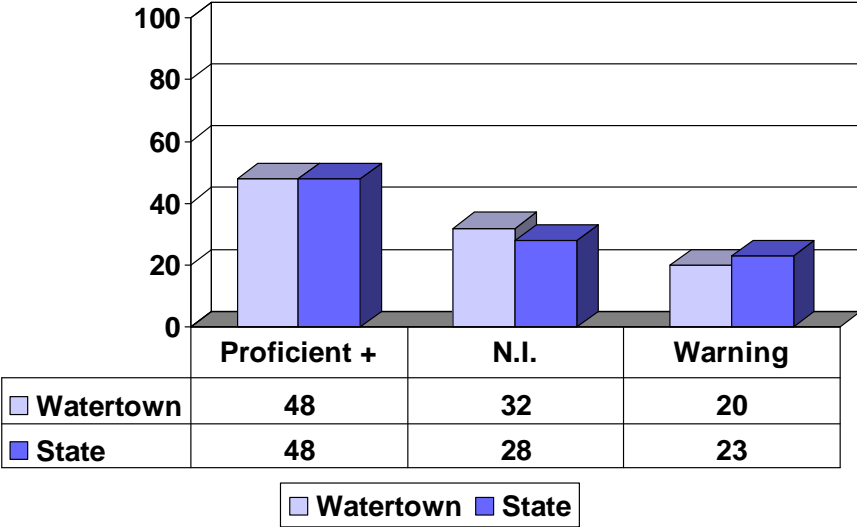


Grade 8

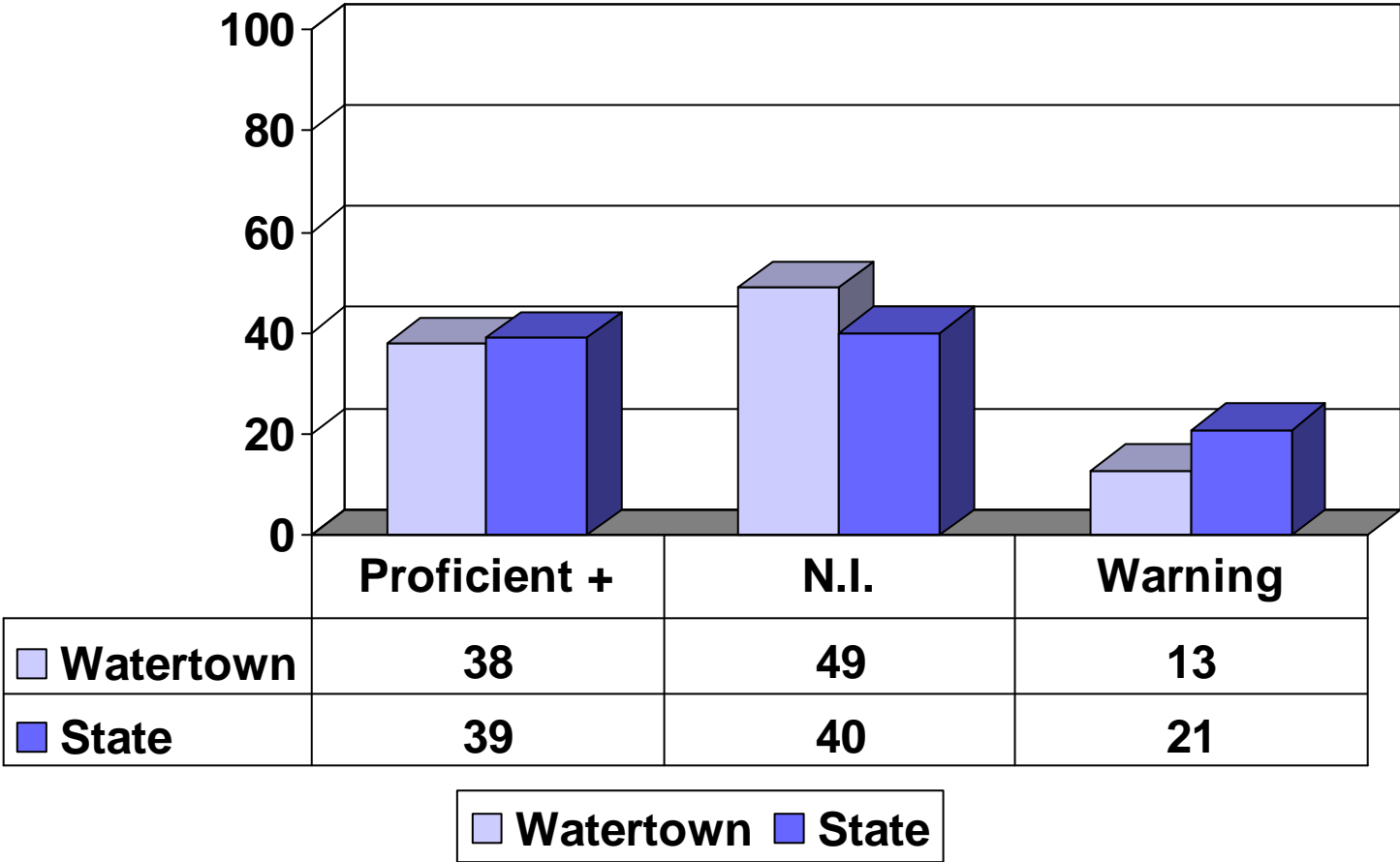
English Language Arts



Mathematics

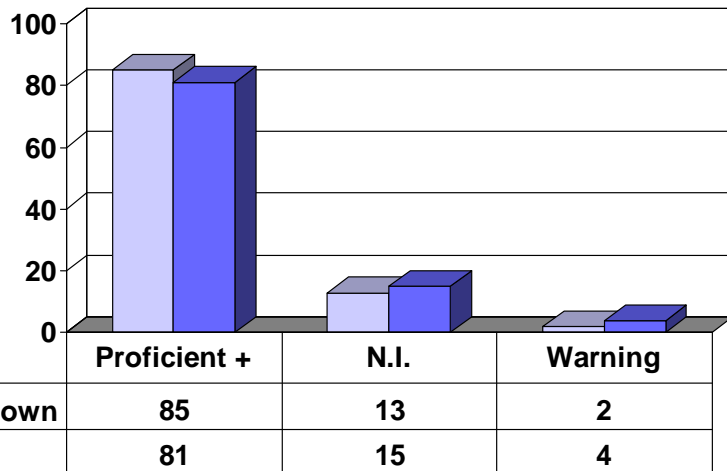


Grade 8 Science and Tech



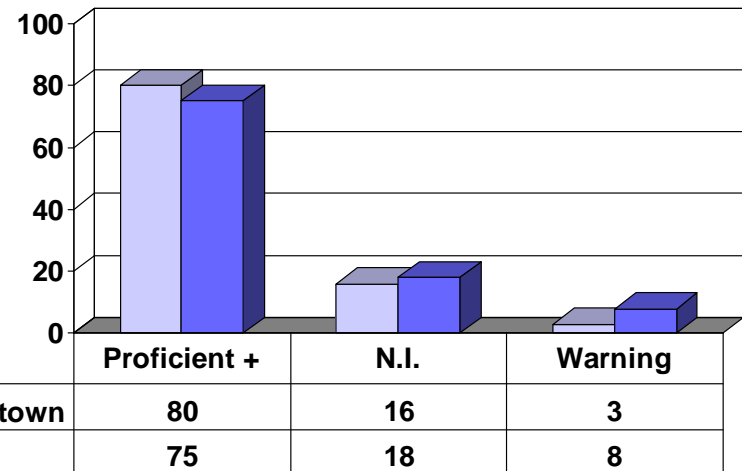
Grade 10

English Language Arts



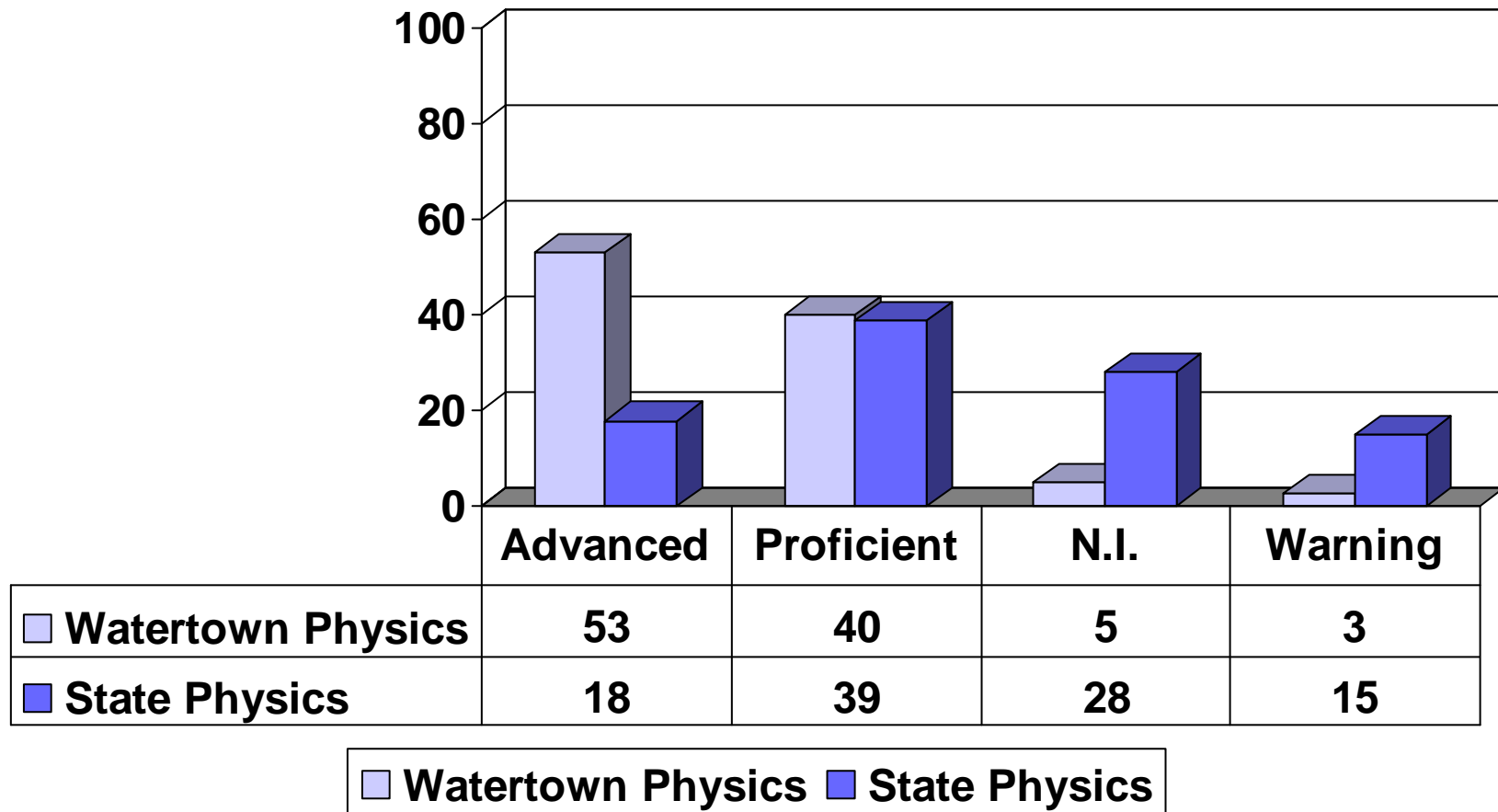
Watertown State

Mathematics

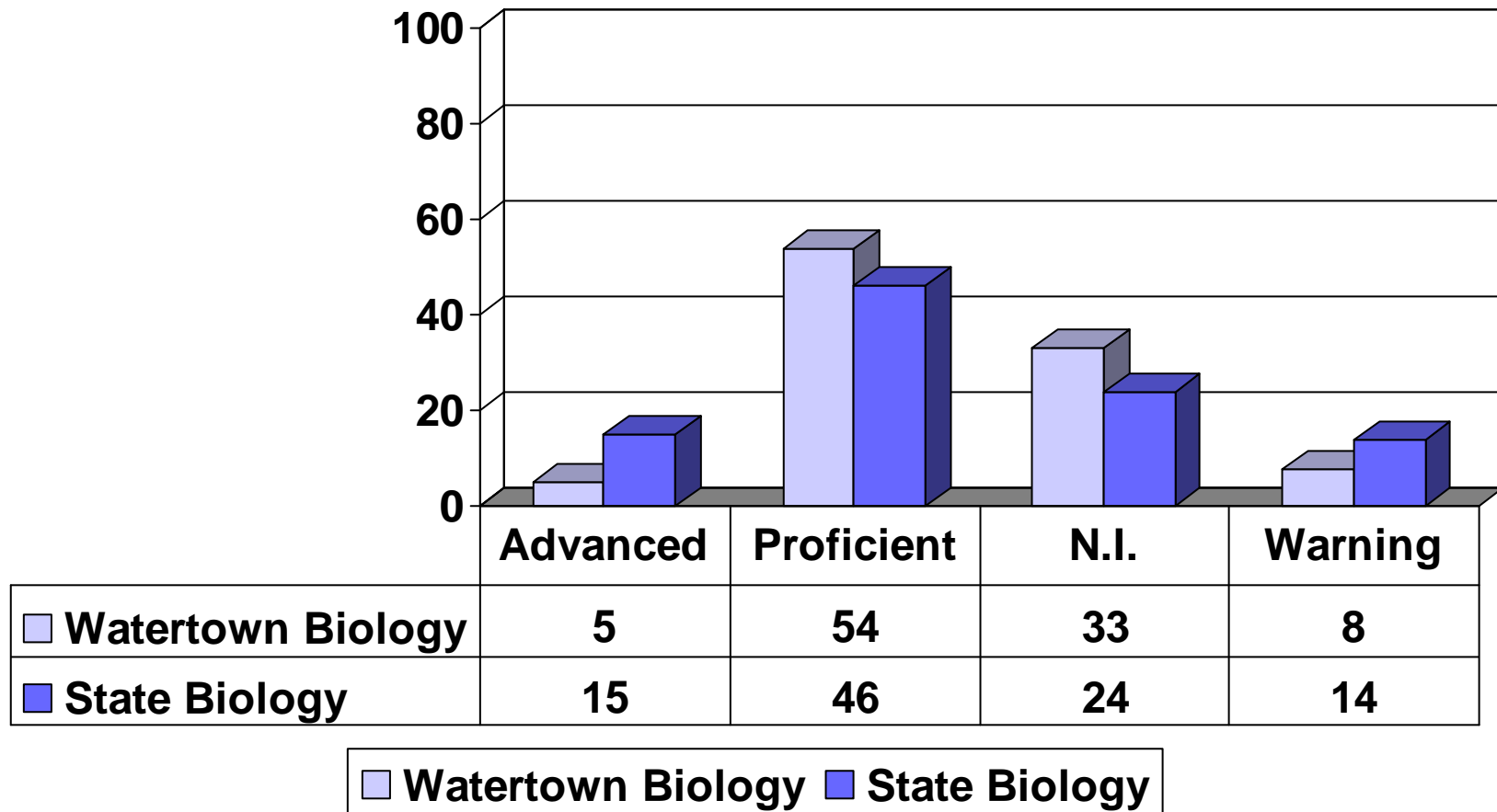


Watertown State

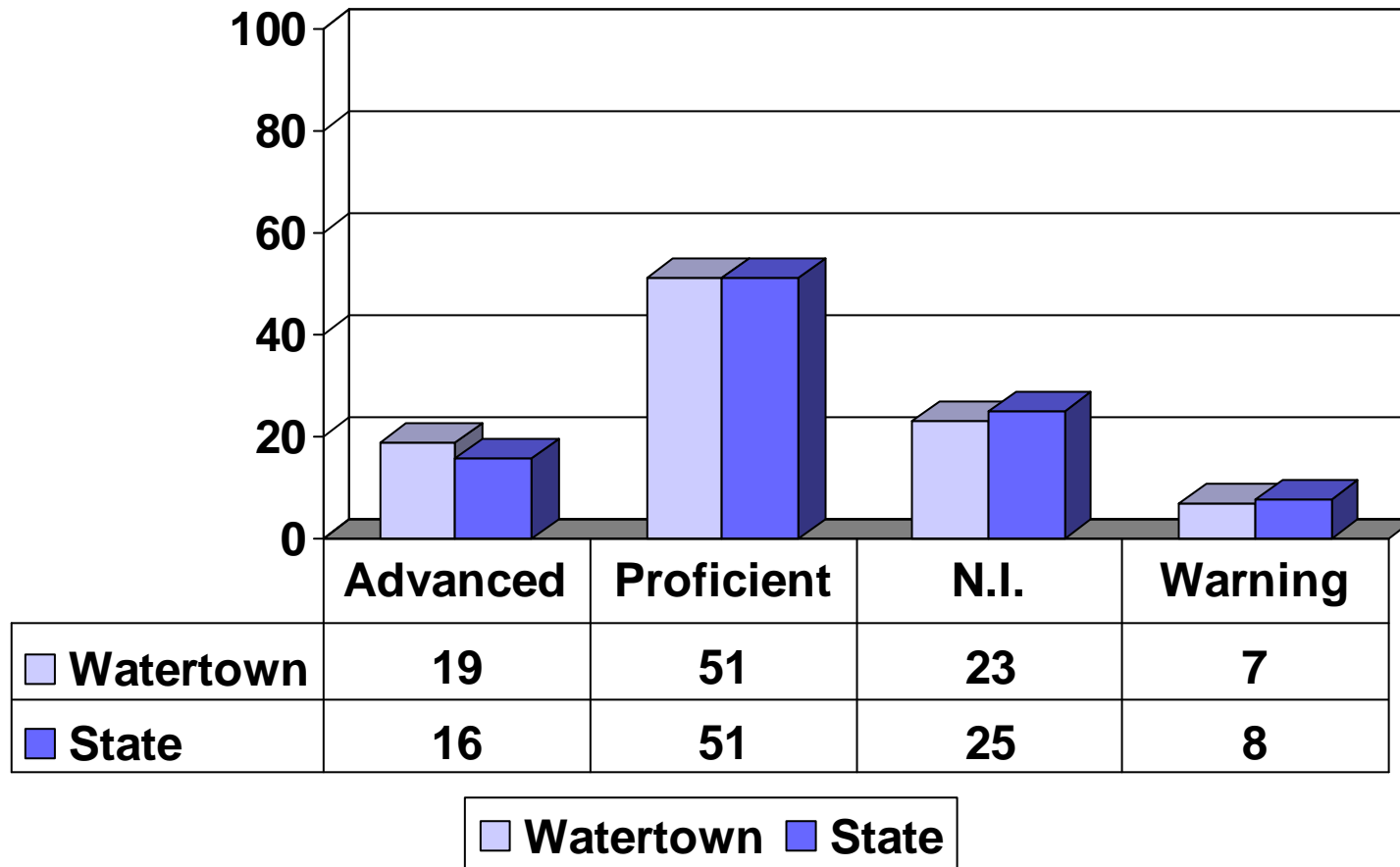
High School Introductory Physics



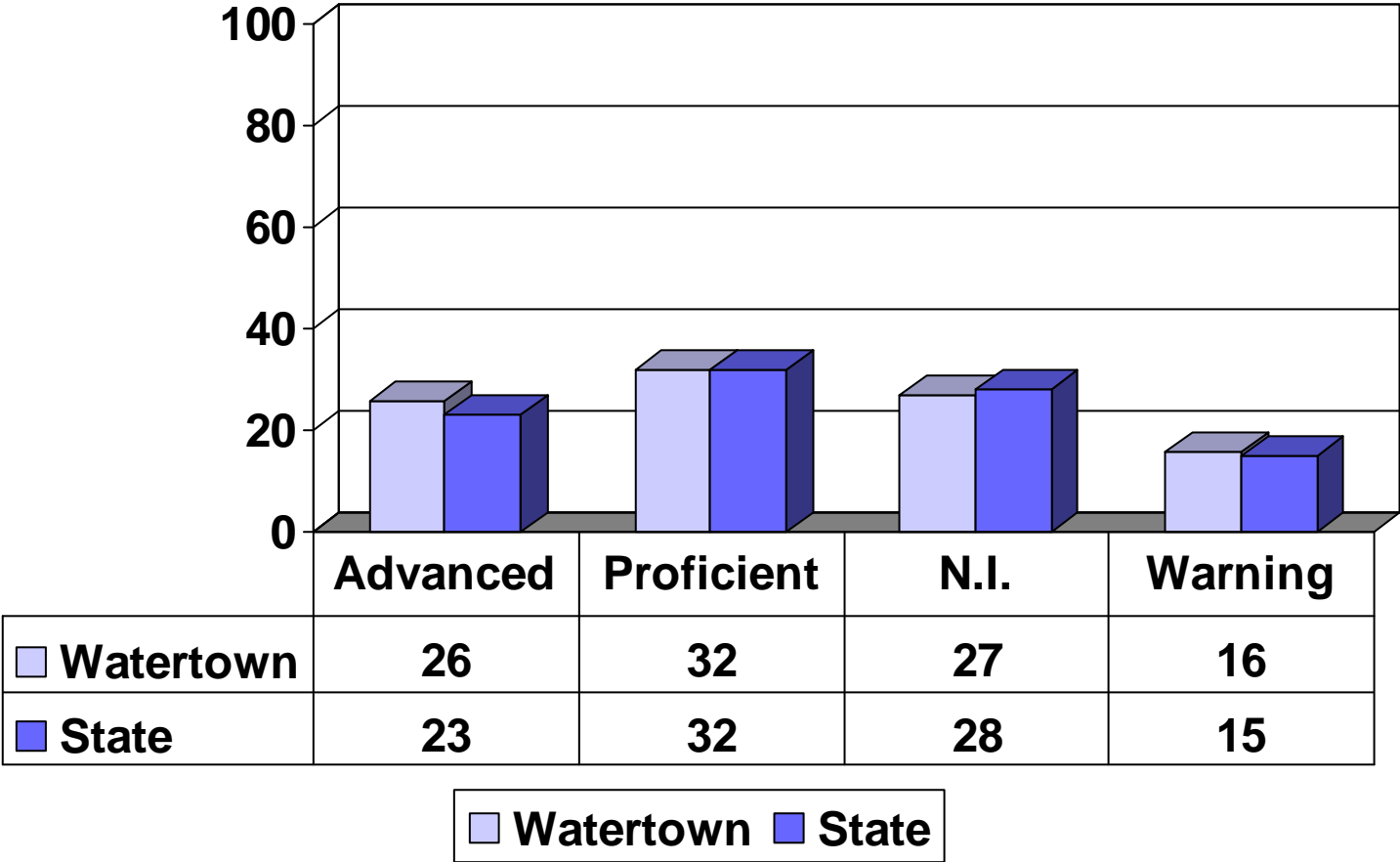
High School Biology



All Grades ELA



All Grades Math



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MCAS Changes in Performance 2008-2009

2008 to 2009 Changes

% of Students scoring Proficient and higher

	English Language Arts			Mathematics			Science & Technology		
	2008	2009	Change	2008	2009	Change	2008	2009	Change
Grade 3	56	61	5	64	75	11			
Grade 4	35	51	16	46	43	-3			
Grade 5	69	68	-1	64	66	2	58	51	-7
Grade 6	73	78	5	59	64	5			
Grade 7	82	80	-2	59	47	-12			
Grade 8	81	84	3	53	48	-5	36	38	2
Grade 10	78	85	7	81	80	-1	71	71	0

2008-2009 Changes Compared to State

% of Students scoring Proficient and higher

	English Language Arts			Mathematics			Science & Technology		
	2008	2009	Change	2008	2009	Change	2008	2009	Change
Grade 3 WPS	56	61	5	64	75	11			
Grade 3 State	56	57	1	61	60	-1			
Grade 4 WPS	35	51	16	46	43	-3			
State	49	53	4	49	48	-1			
Grade 5 WPS	69	68	-1	64	66	2	58	51	-7
State	61	63	2	52	54	2	50	49	-1
Grade 6 WPS	73	78	5	59	64	5			
State	62	66	4	56	57	1			
Grade 7 WPS	82	80	-2	59	47	-12			
State	69	70	1	47	49	2			
Grade 8 WPS	81	84	3	53	48	-5	36	38	2
State	75	78	3	49	48	-1	39	39	0
Grade 10 WPS	78	85	7	81	80	-1	71	71	0
State	74	81	7	72	75	3	57	61	4

The slide features a light blue background with several decorative circles. There are two solid light blue circles at the bottom left, one solid light blue circle at the top right, and two hollow white circles with thin outlines, one at the top left and one at the bottom right. The text is centered in the upper right area.

MCAS

Changes in Performance

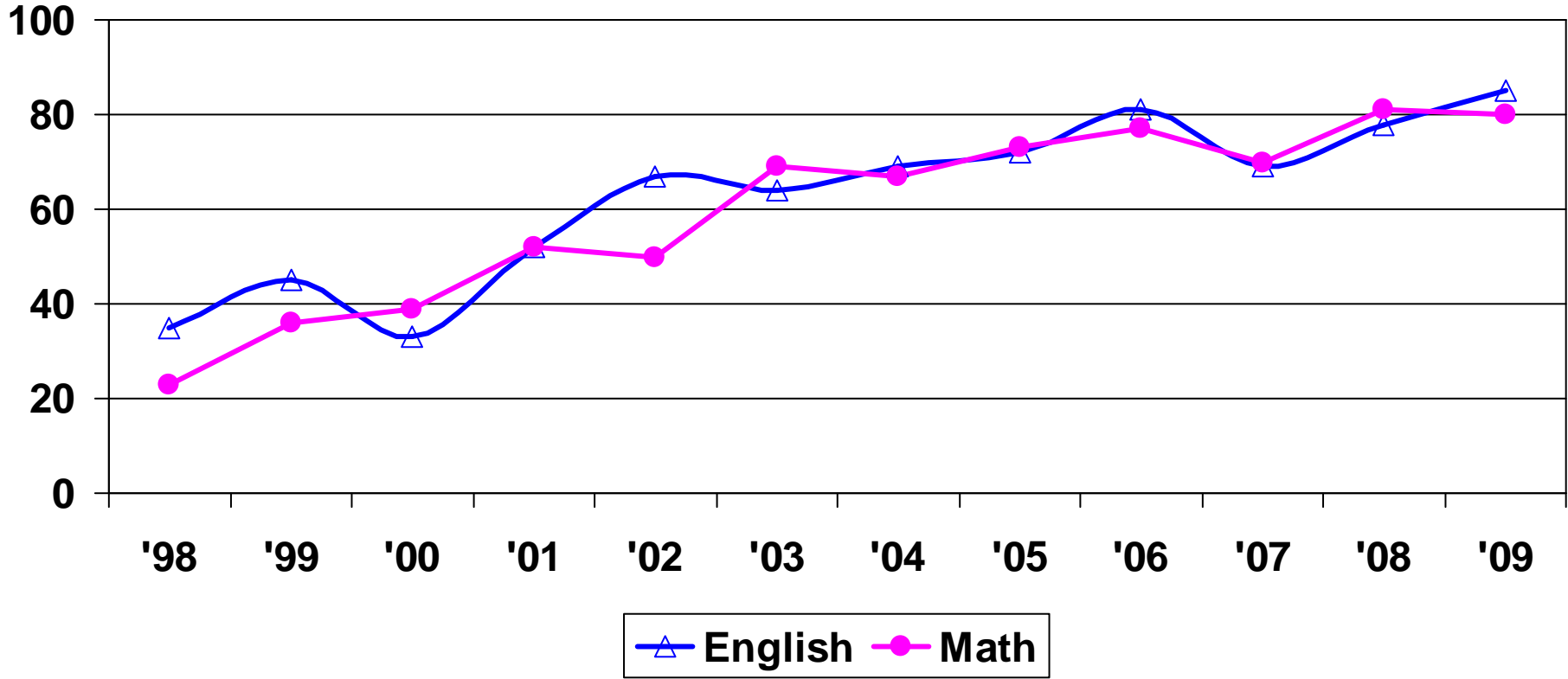
1998-2009

1998 to 2009

	% of Students scoring Proficient and higher					
	1998	2005	2008	2009	Change, 2008 to 2009	Change, 1998 to 2009
Watertown High School						
English Language Arts	35	72	78	85	7	50
Mathematics	23	73	81	80	-1	57
Statewide - Grade 10						
English Language Arts	38	65	74	81	7	43
Mathematics	24	62	72	75	3	51

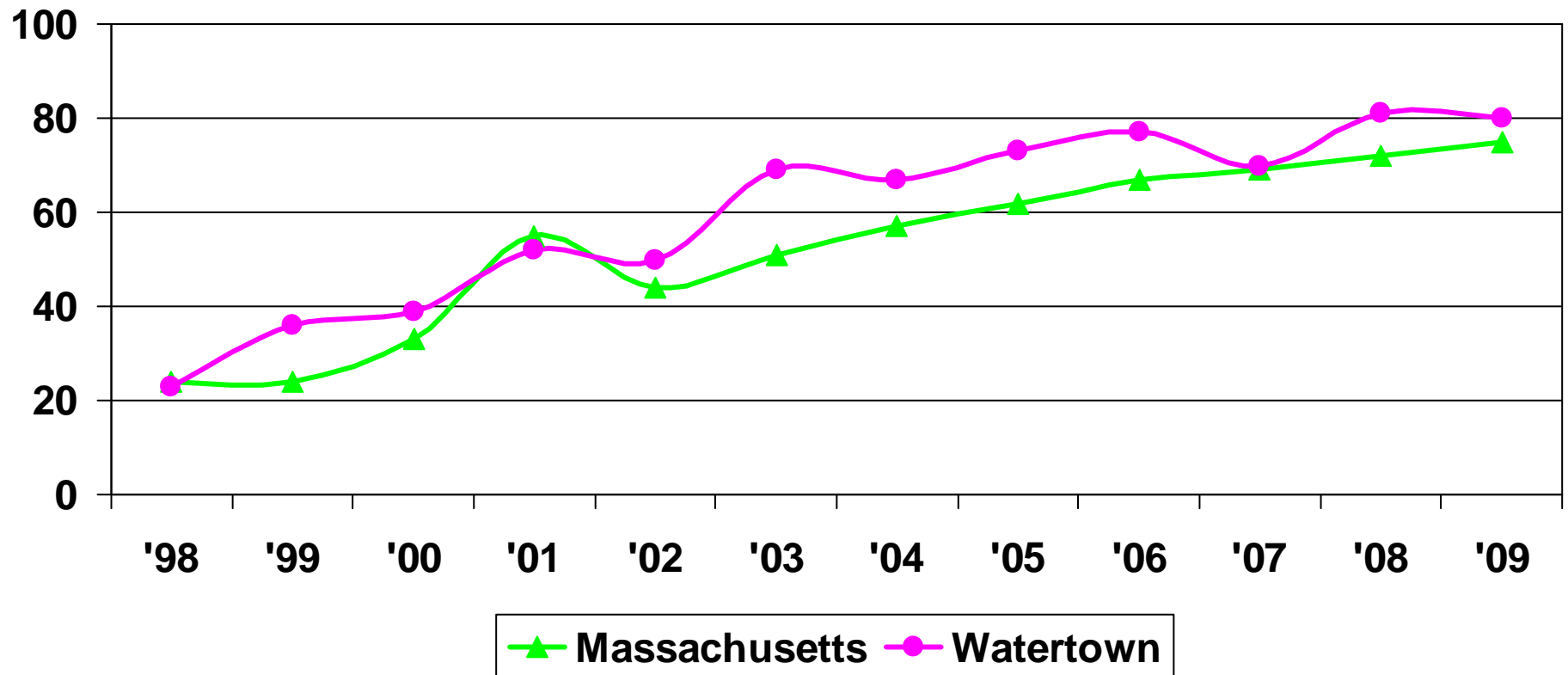
Grade 10 Math and English

% of Students Scoring Proficient and higher



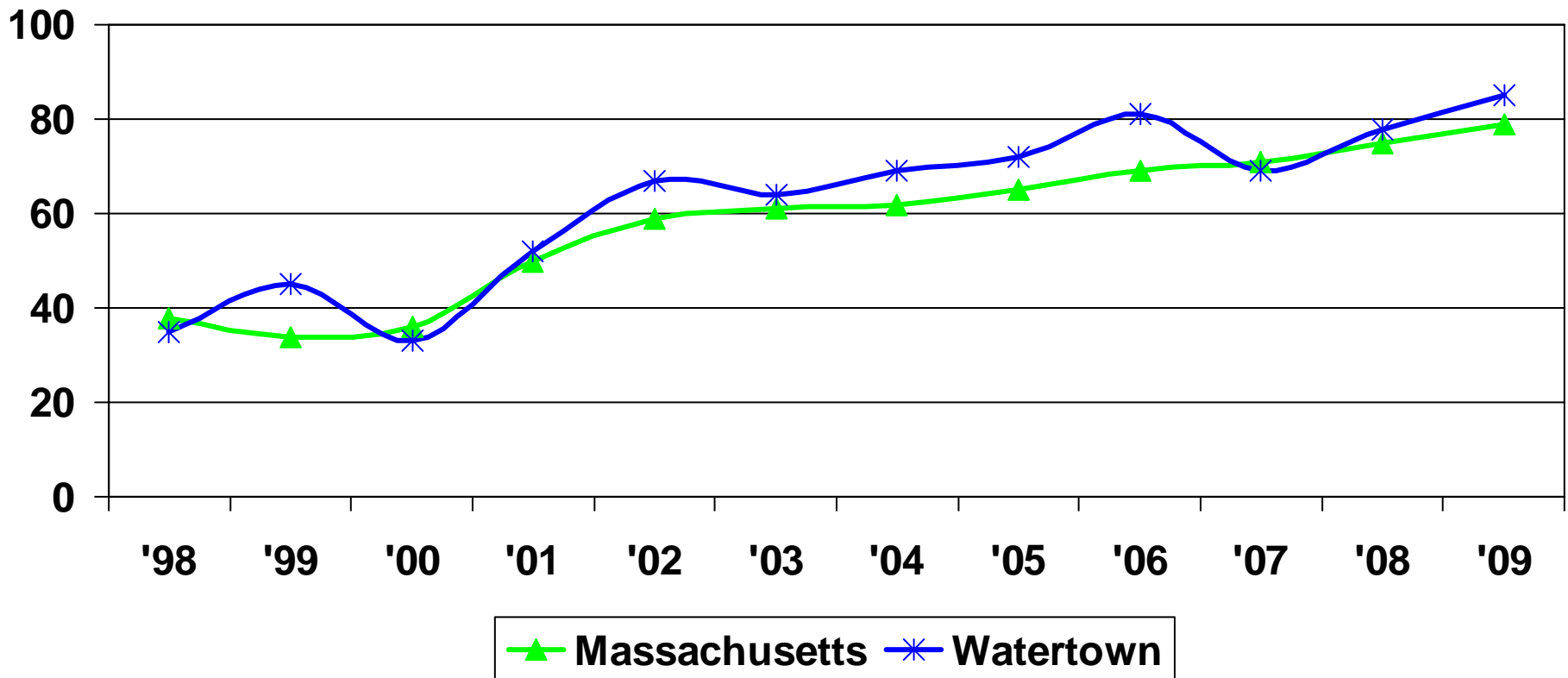
Grade 10 Math

% of Students Scoring Proficient and higher



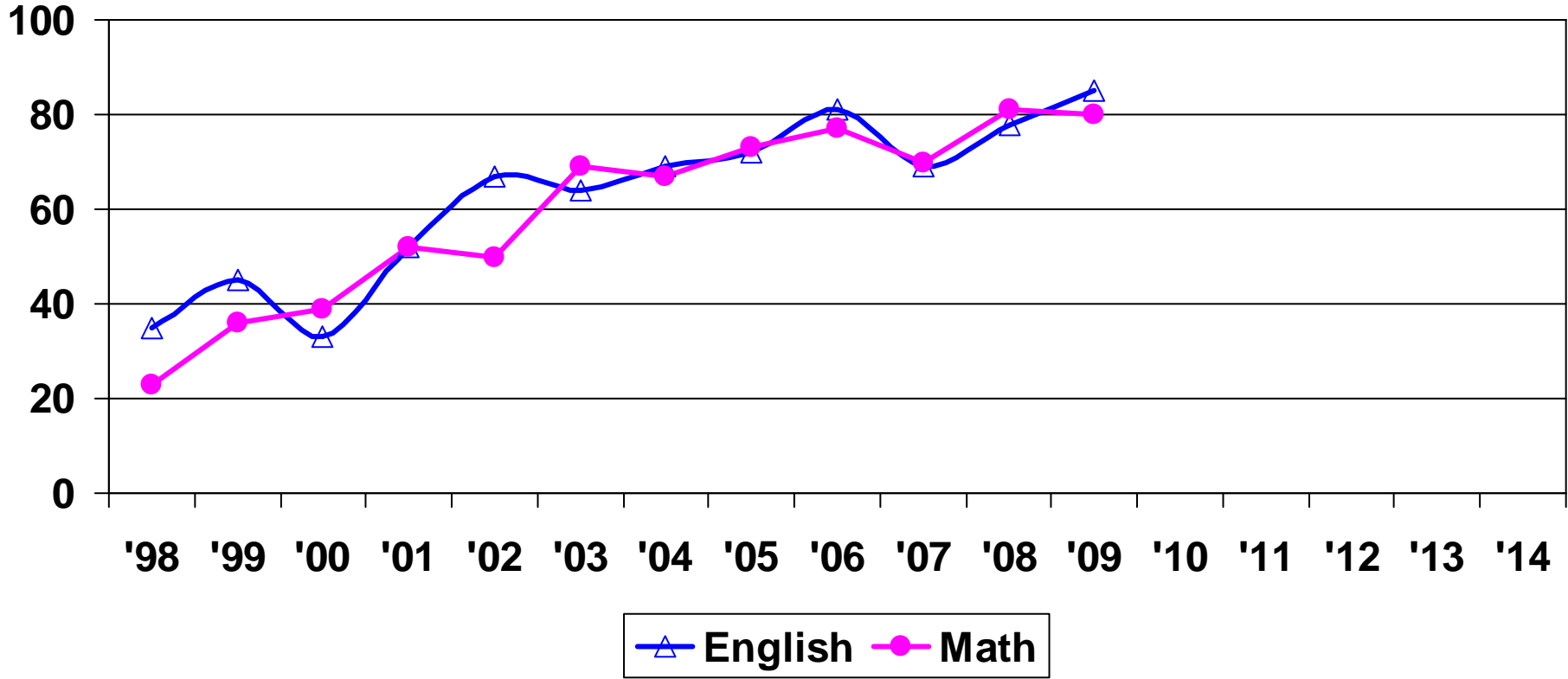
Grade 10 English

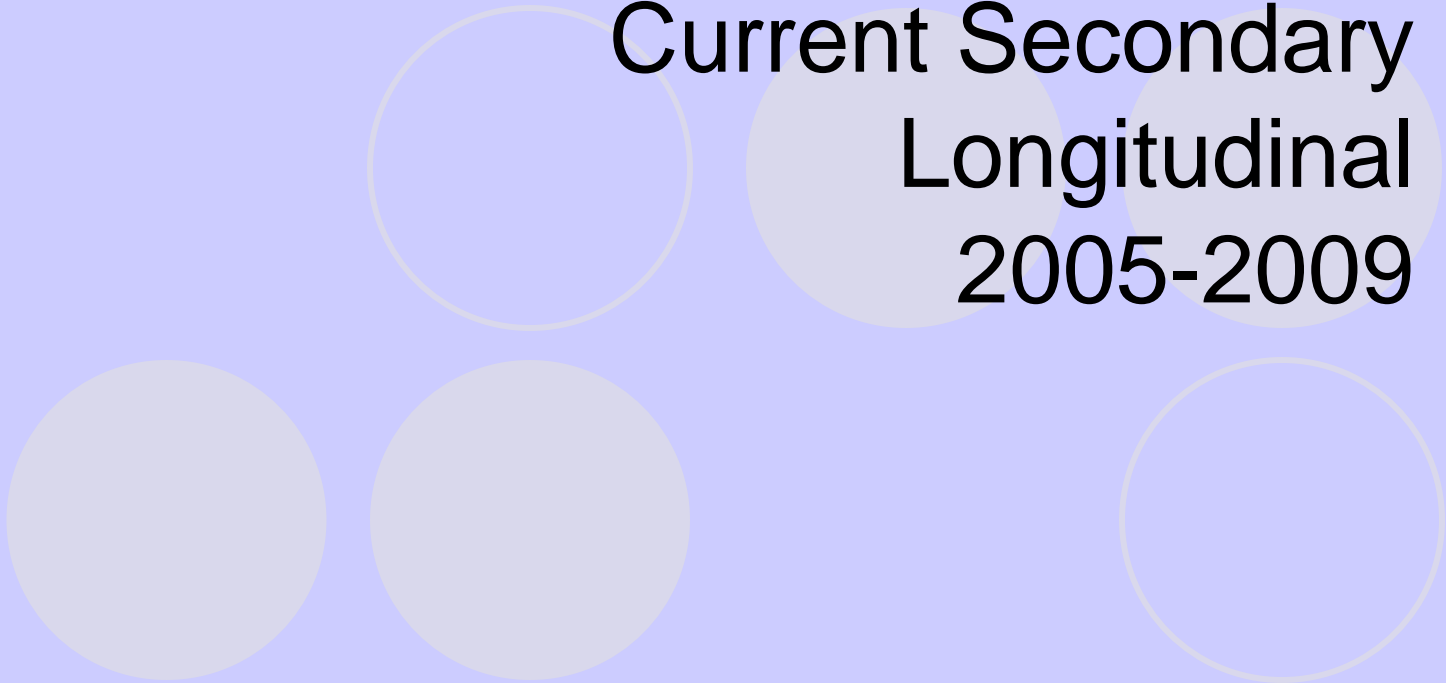
% of Students Scoring Proficient and higher



Grade 10 Math and English

% of Students Scoring Proficient and higher

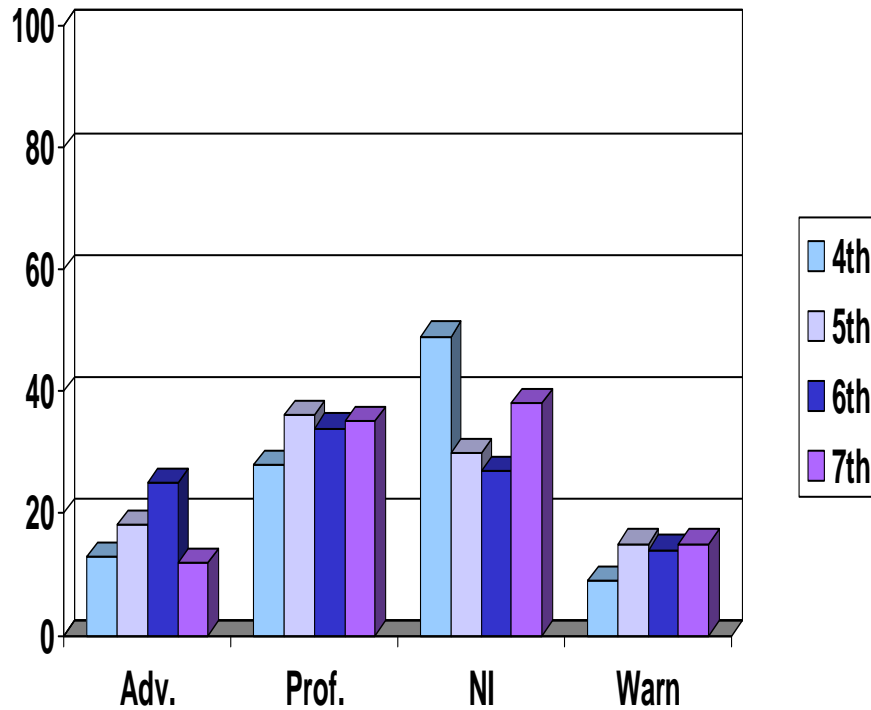




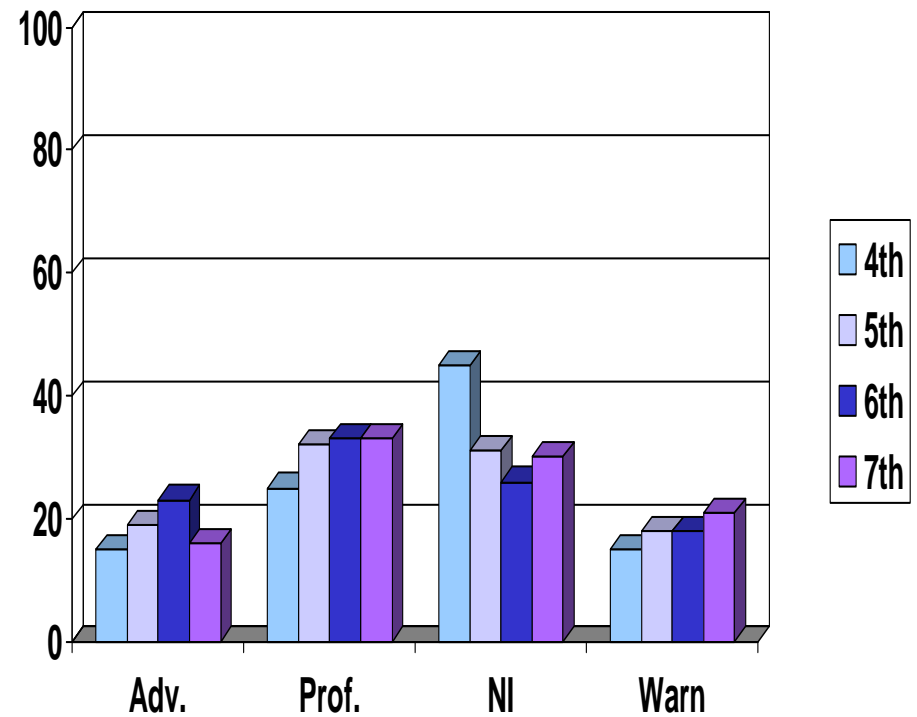
MCAS Current Secondary Longitudinal 2005-2009

Current Grade 8 Math Longitudinal

Watertown

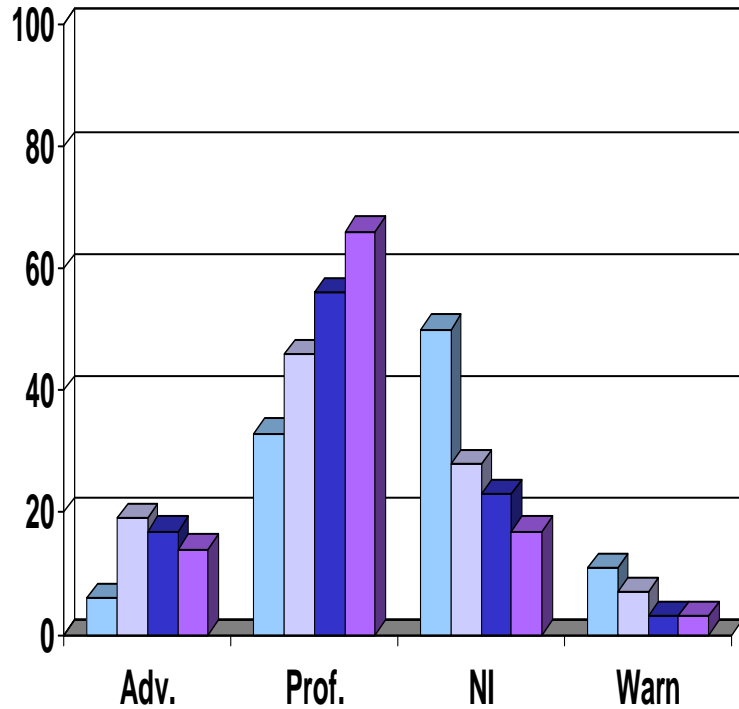


Massachusetts

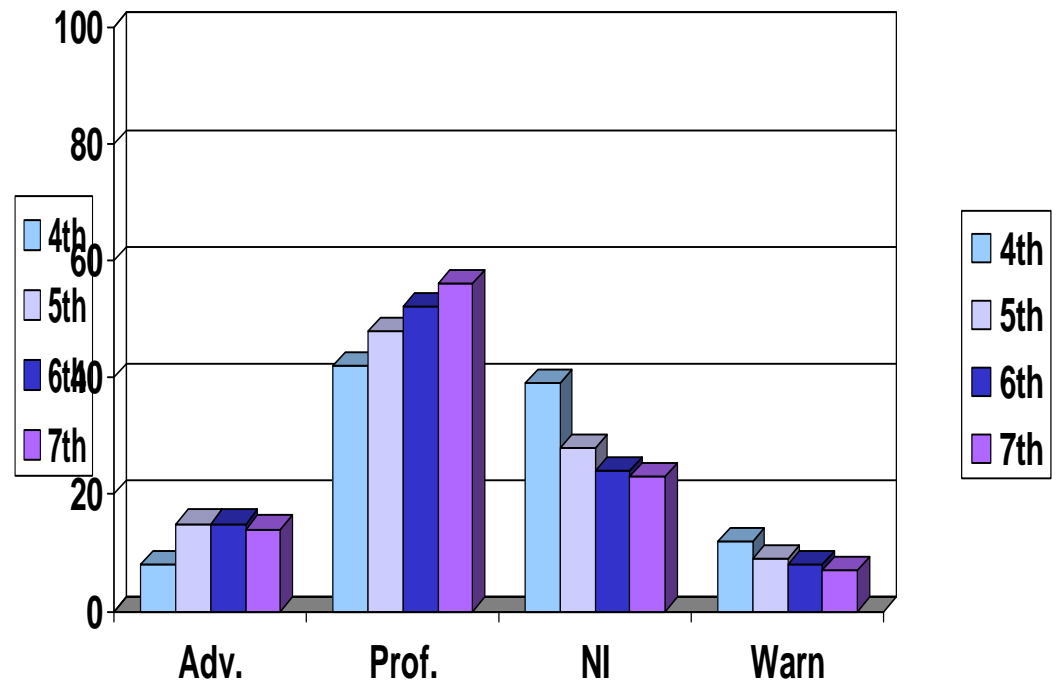


Current Grade 8 ELA Longitudinal

Watertown

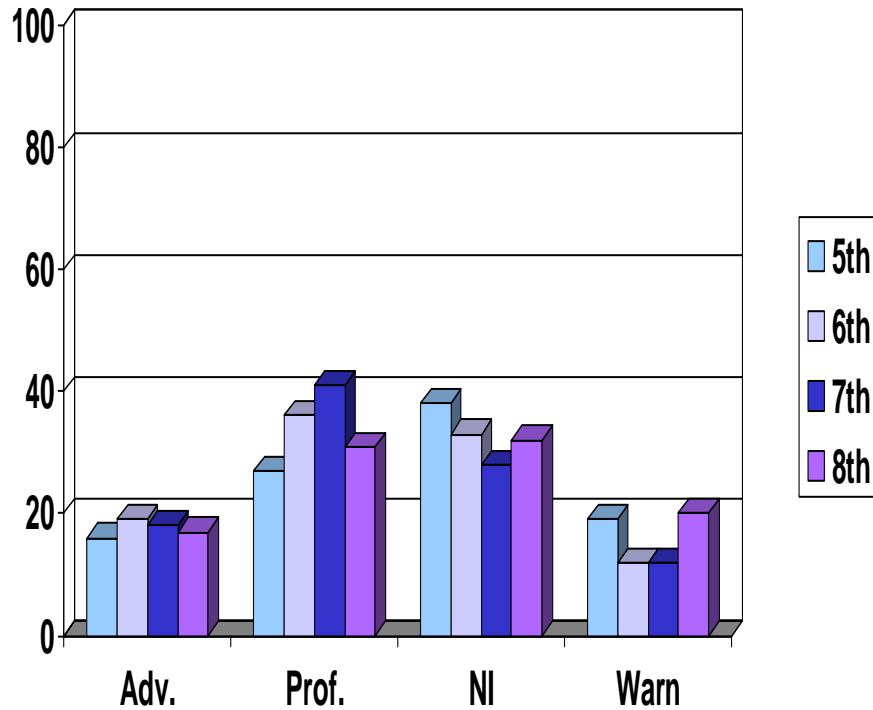


Massachusetts

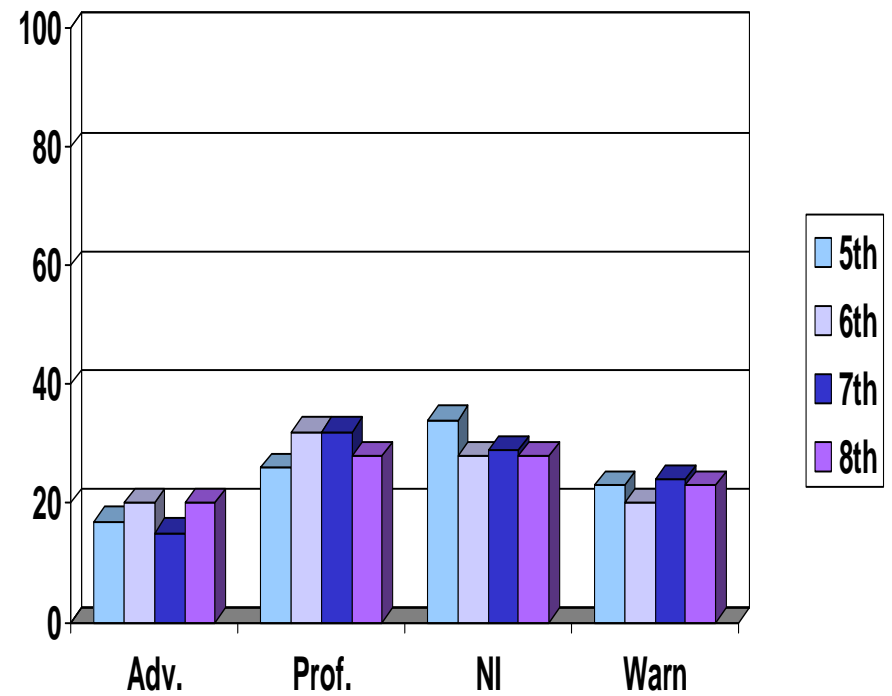


Current Grade 9 Math Longitudinal

Watertown

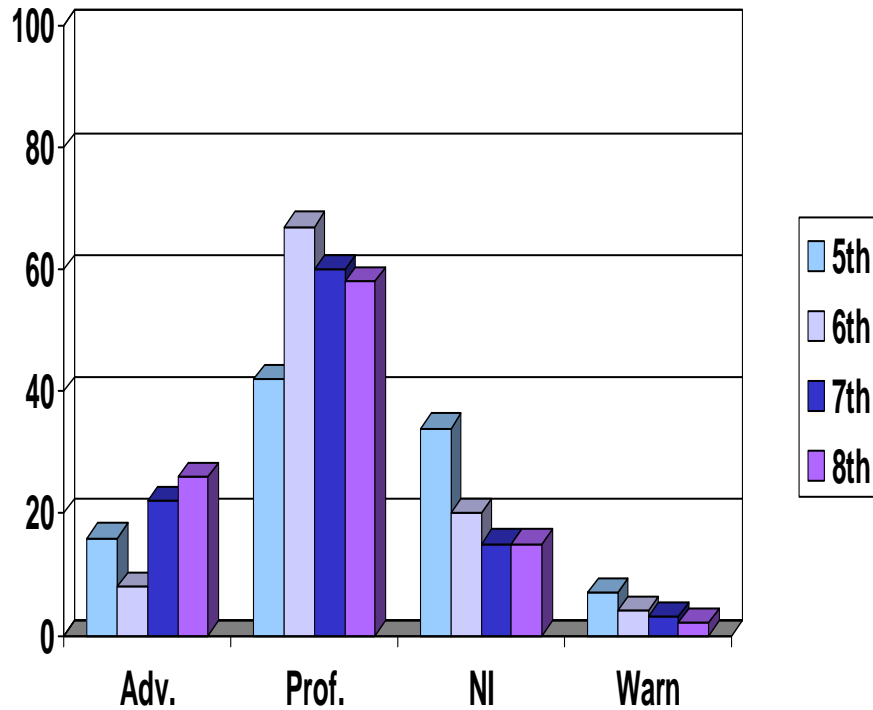


Massachusetts

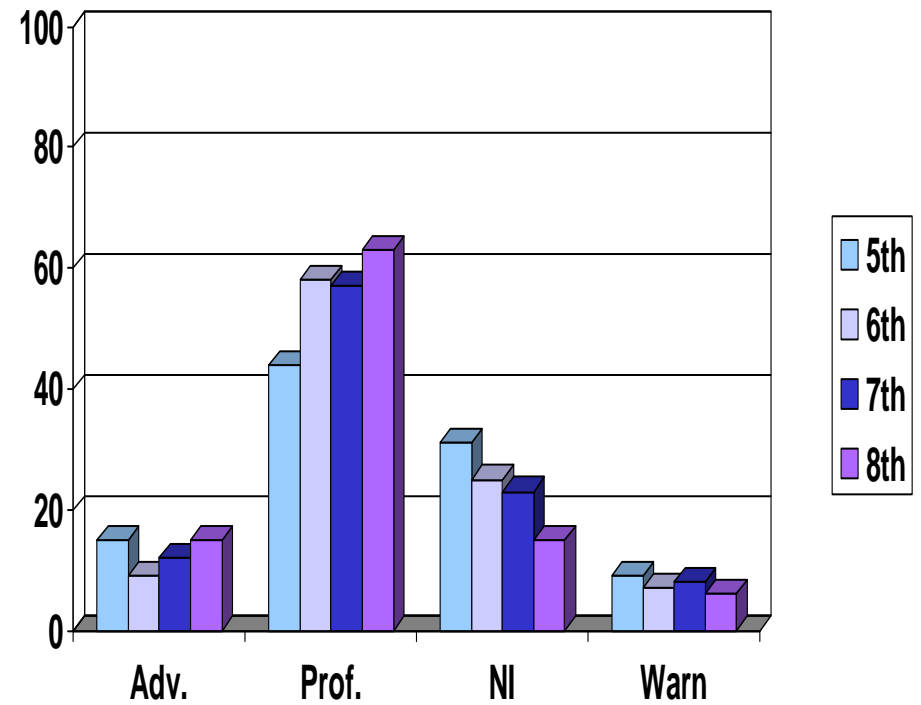


Current Grade 9 ELA Longitudinal

Watertown

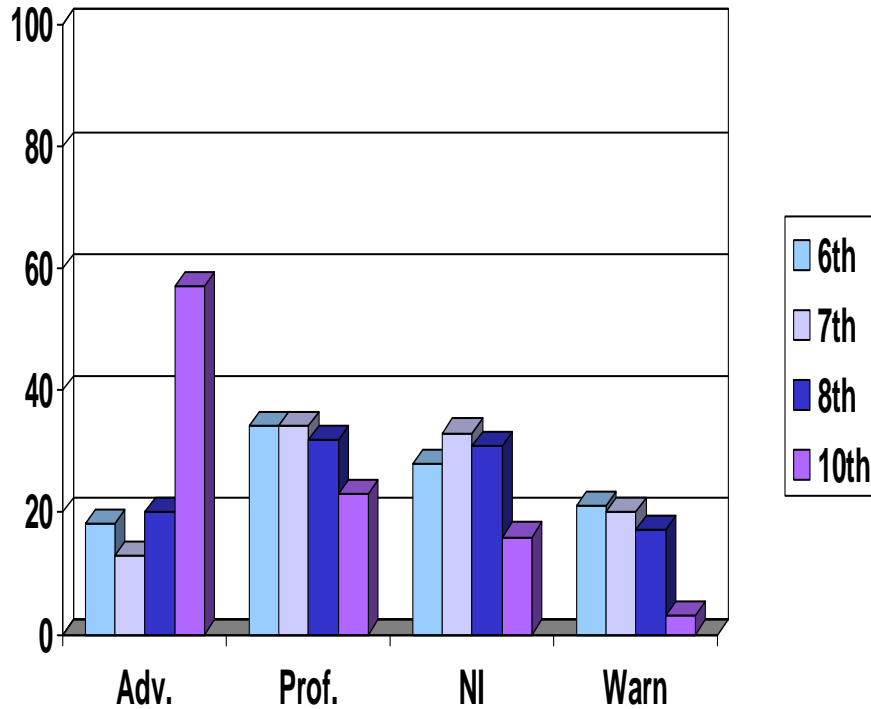


Massachusetts

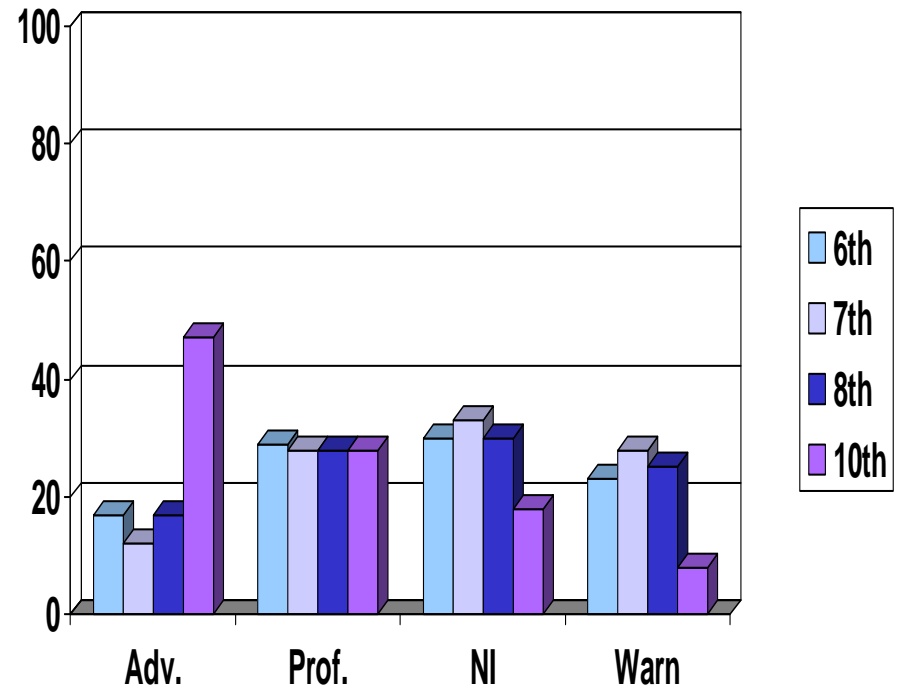


Current Grade 11 Math Longitudinal

Watertown

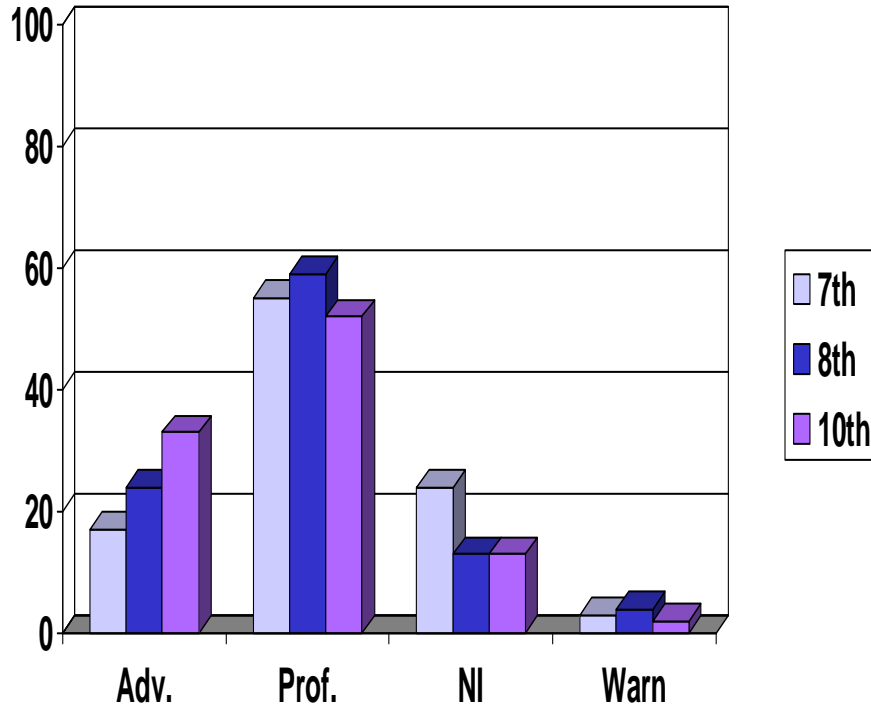


Massachusetts

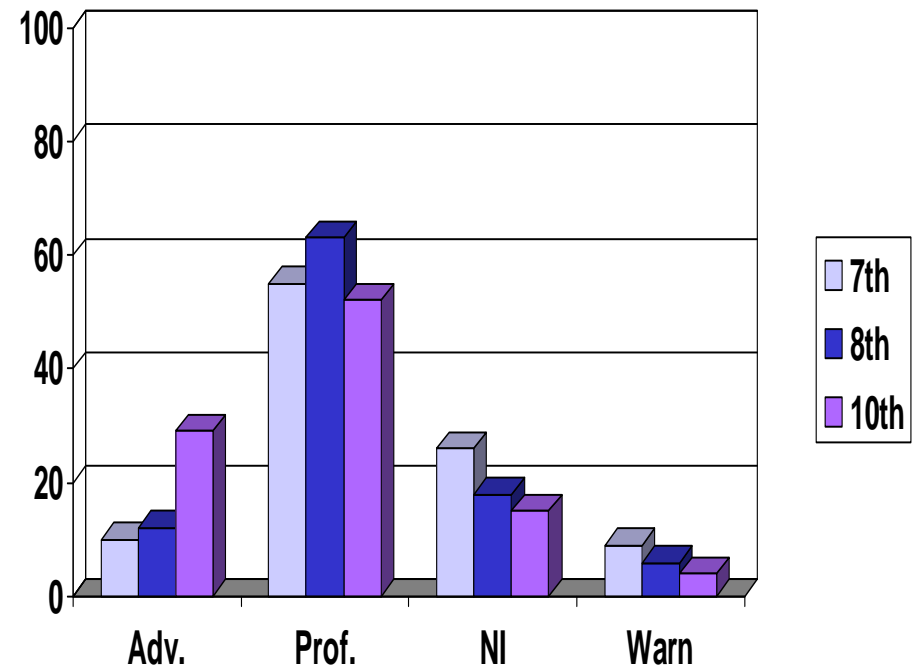


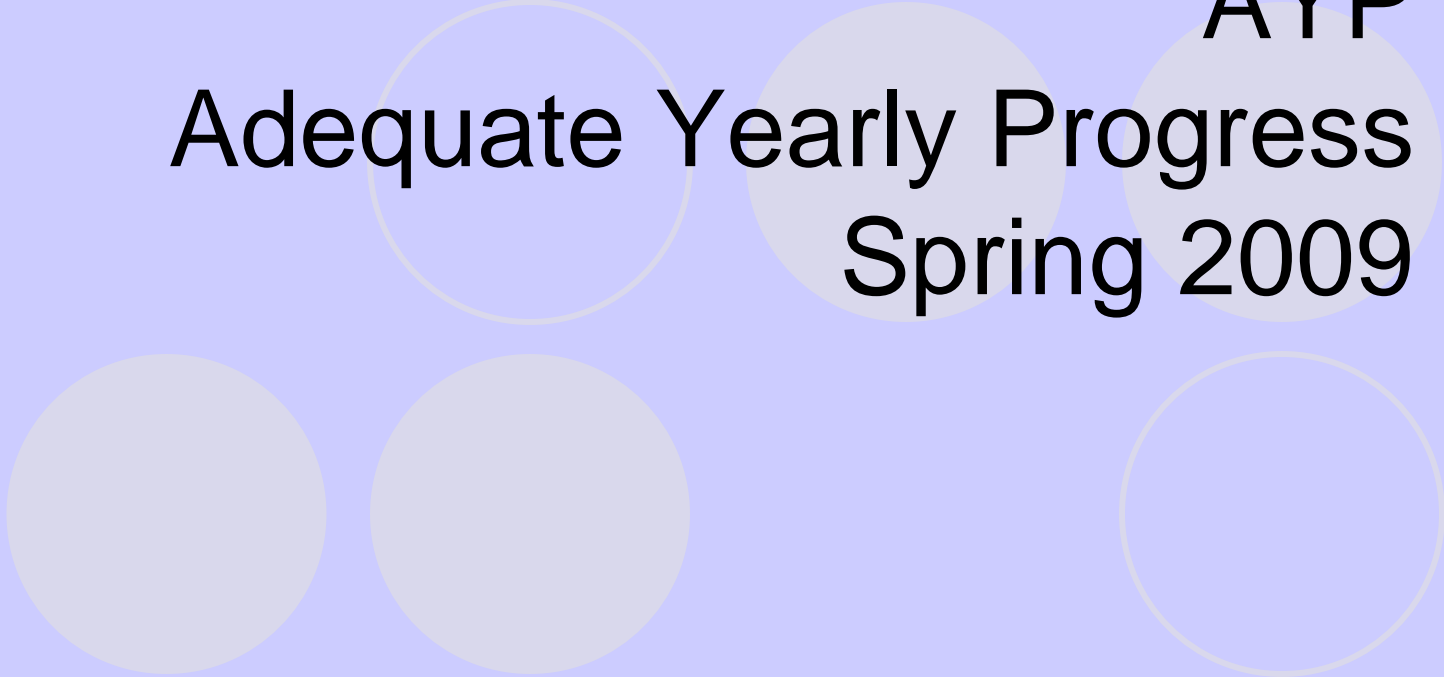
Current Grade 11 ELA Longitudinal

Watertown



Massachusetts



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AYP
Adequate Yearly Progress
Spring 2009

WPS AYP 2009

	<u>NCLB Accountability Status</u>	<u>Performance Rating</u>	<u>Improvement Rating</u>
ENGLISH LANGUAGE ARTS	No Status	High	On Target
MATHEMATICS	No Status	Moderate	No Change

Accountability Status

- The District has “no status” because we have met Adequate Yearly Progress targets as an aggregate. Unlike districts who have status, we have no required district-wide actions to take.

Performance Rating

- High in ELA
- Moderate in Math.

Improvement Rating

- On Target in ELA
- No Change in Math

AYP District History

		Adequate Yearly Progress History								
		2001	2002	2003	2004	2005	2006	2007	2008	2009
ELA	Aggregate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	All Subgroups	-	-	No	No	No	Yes	Yes	Yes	Yes
MATH	Aggregate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	All Subgroups	-	-	No	No	No	Yes	Yes	Yes	No

NCLB Accountability Status	
ELA	No Status
MATH	No Status

AYP by Grade Spans

ENGLISH LANGUAGE ARTS					
Grade Spans		2007	2008	2009	2009 Subgroups Not Making AYP
Grades 3-5	Aggregate	Yes	No	Yes	Special Education -
	All Subgroups	No	No	No	
Grades 6-8	Aggregate	Yes	Yes	Yes	Special Education -Low Income -Hispanic/Latino -
	All Subgroups	Yes	No	No	
Grades 9-12	Aggregate	Yes	Yes	Yes	
	All Subgroups	No	Yes	Yes	

MATHEMATICS					
Grade Spans		2007	2008	2009	2009 Subgroups Not Making AYP
Grades 3-5	Aggregate	Yes	Yes	Yes	Special Education -F/LEP -
	All Subgroups	No	Yes	No	
Grades 6-8	Aggregate	Yes	Yes	No	White -Special Education -Low Income -Hispanic/Latino -F/LEP -
	All Subgroups	Yes	No	No	
Grades 9-12	Aggregate	Yes	Yes	Yes	Low Income -
	All Subgroups	Yes	Yes	No	

AYP by School

	AYP Status	
	ELA	Math
Cunniff	NS	NS
Hosmer	Corrective Action - Subgroups	NS
Lowell	Improvement Year 1 - Subgroups	NS
WMS	Corrective Action - Subgroups	Restructuring Year 2 - Subgroups
WHS	NS	NS



Annual Measurable Achievement Objectives 2008

AMAO

AMAO Progress

	AMAO 2008			
	State Target	District Performance	# of Students	AMAO achieved?
Overall Progress	62%	74%	202	Yes
Grades K-2		75%	63	Yes
Grades 3-12		74%	139	Yes

Percentage of limited English proficient (LEP) students in Grades K-12 who show **progress** on the Massachusetts English Proficiency Assessment (MEPA) and/or IDEA Proficiency Test (IPT) from 2007-2008.

AMAO Attainment

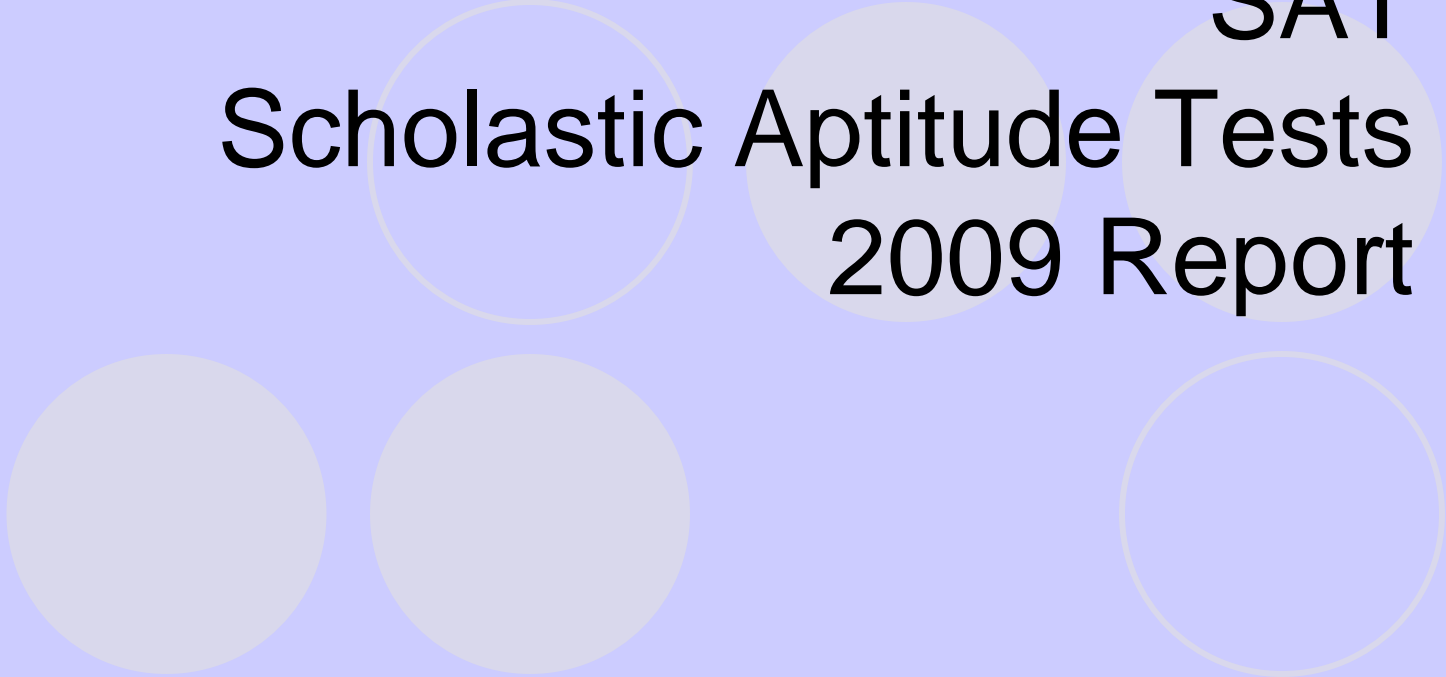
	AMAO 2008			
	District Target	District Performance	# of Students	AMAO achieved?
Overall Attainment	50%	57%	191	Yes
Grades K-2	48%	54%	63	Yes
Grades 3-12	51%	59%	128	Yes

Percentage of LEP students in Grades K-2 who scored at appropriate levels on MEPA and IPT. Percentage of Grades 3 -12 who scored in the Transitioning performance level on the spring 2008 MEPA.

LEP Subgroup - AYP

Content Area	AYP
English Language Arts	No
Mathematics	No

AMAO History	2006	2007	2008
Progress AMAO	Yes	Yes	Yes
Attainment AMAO	Yes	Yes	Yes
AYP - English Language Arts	No	Yes	No
AYP - Mathematics	Yes	Yes	No

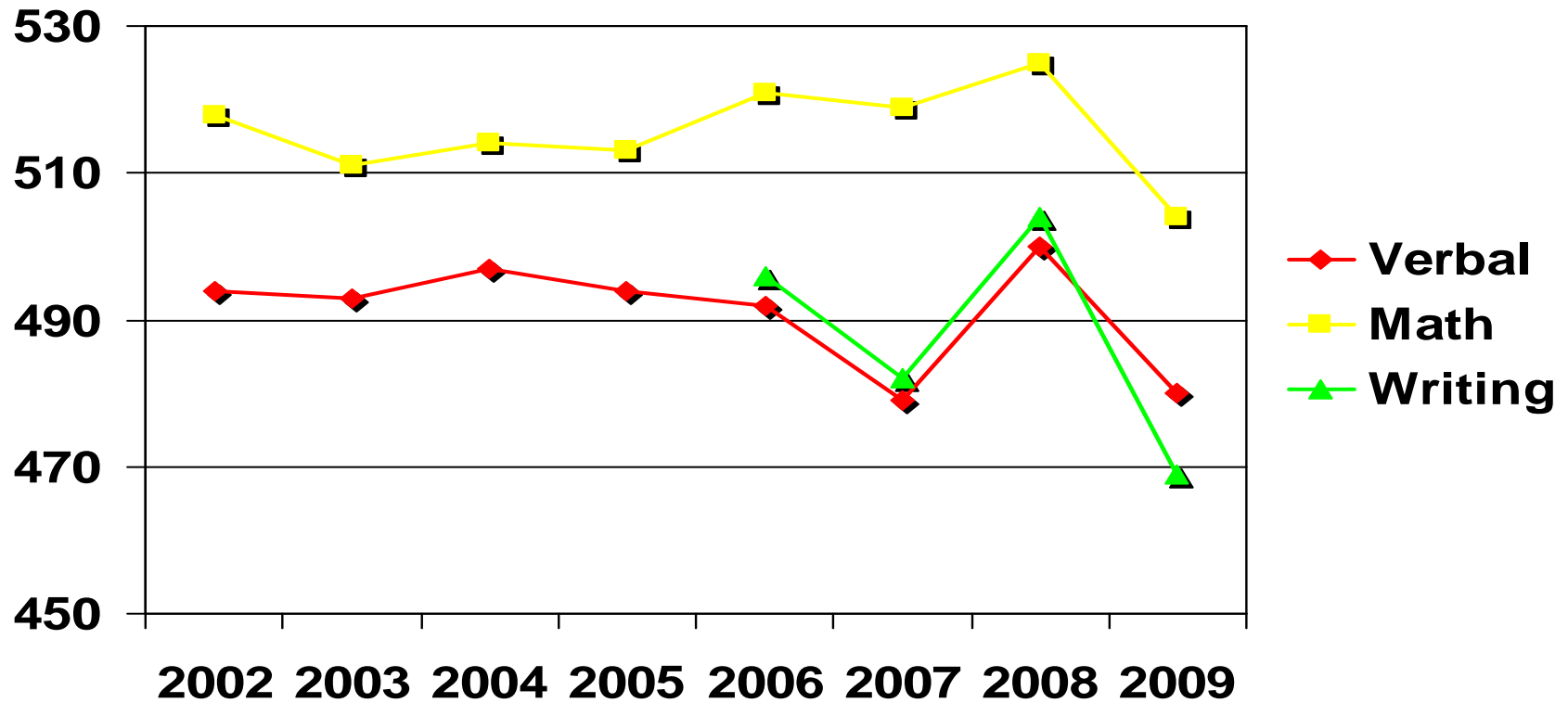
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SAT Scholastic Aptitude Tests 2009 Report

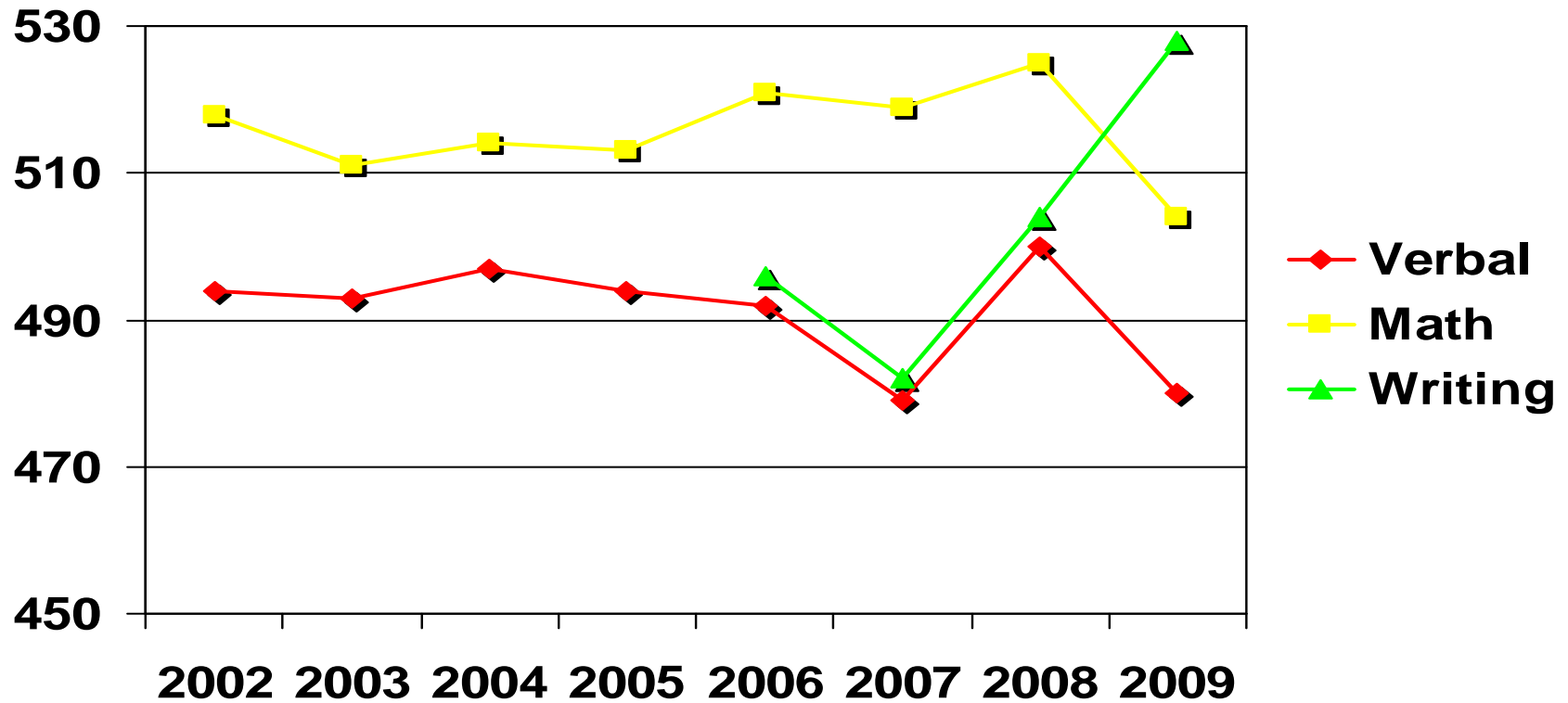
SAT Class of 2009 Summary

	Watertown	Massachusetts	National
Mean Reading	480	514	501
Mean Math	504	526	515
Mean Writing	469	510	493
Combined Reading & Math	984	1040	1016
Combined Reading & Math & Writing	1453	1550	1509

WHS SAT Statistics, 2002-2009



WHS SAT Statistics, 2002-2009





Part II

Coming at the Next Meeting