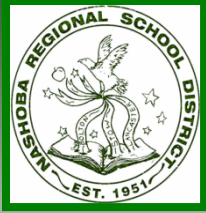


2008 MCAS Results





Presentation Overview

- **2008 MCAS Overview**
 - Statewide
 - District
 - School
- **District's Response To Intervention**
 - Teaching and Learning
 - Impact
- **2008 District Results**
- **2008 School Results**



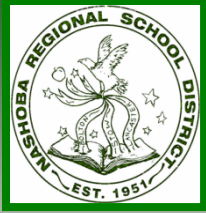
2008 MCAS Information: Subjects Tested

Grade	ELA	Math	STE	History
3	✓ (Reading)	✓		
4	✓*	✓		
5	✓	✓	✓	✓
6	✓	✓		
7	✓*	✓		✓
8	✓	✓	✓	
9/10	✓*	✓	✓**	
11				✓***

* Indicates that the test includes a Long Composition

** Biology/Chemistry/Introductory Physics/Technology/Engineering

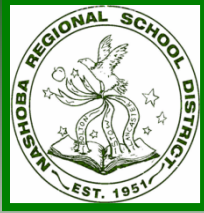
*** History was piloted by scores are not released



2008 MCAS Information: Performance Levels

MCAS Results are reported according to four performance levels:

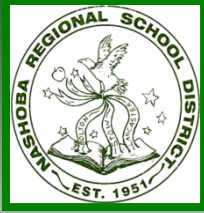
- **Advanced** (grades 4-10)/**Above Proficient** (grade 3)
- **Proficient** (grades 3-10)
- **Needs Improvement** (grades 3-10)
- **Warning** (grades 3-8)/**Failing** (grade 10)



2008 MCAS Information: State-Wide Facts

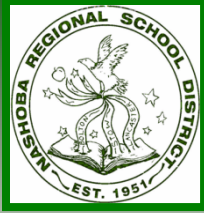
- Class of 2010 required to pass STE exam
- 80% in the class of 2010...
 - passed *all* tests: English, Math and Science
 - 93% passed ELA
 - 88% passed Math
 - 83% passed STE
- ELA results declined in grades 3, 4 and 5, and were flat in grades 6, 7 and 8

2008 MCAS Results Show Continued Mathematics Gains in All Grades,
<http://www.doe.mass.edu/news/news.asp?id=4287>, September 16, 2008.



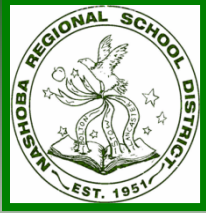
2003-2008 Total District Results Overview

- Grade 3 Reading rose from 68% to 78%
- While grade 4 ELA scores continue to be above the state average, they fell from 67% to 60%
- Grade 8 Math scores rose from 66% to 73%
- Grades 4, 6 and 10 Math scores show a slight drop



2008 District Results: Overview

- 89% of the class of 2010 scored *Proficient* or *Advanced* in both ELA and Math
- 87% of the class of 2010 scored *Proficient* or *Advanced* in STE
- 78% of 3rd graders scored *Proficient* or *Advanced* in Reading and 79% in Math
- 85% of 6th graders scored *Proficient* or *Advanced* in ELA and 82% in Math



2008 District Results

Overview

- District made AYP
 - Eight subgroups
 - MRE Special Education Subgroup
 - Needs Improvement Two Years in a Row
 - Did not make AYP
 - FSS Special Education Subgroup
 - Needs Improvement First Year

Four Factors Determine AYP

A	Participation	Did at least 95% of students participate in MCAS in 2008?
B	Performance	Did the student group perform at or above the 2008 state performance target?
C	Improvement	Did the student group meet its own 2008 improvement target?
D	Additional Indicator	Did the student group meet the target for the Additional Indicator (Attendance, Graduation)?

A + (B or C) + D = Affirmative AYP Determination

Data acquired from MA Department of Elementary and Secondary Education, October 2008

A + (B or C) + D = Affirmative AYP Determination

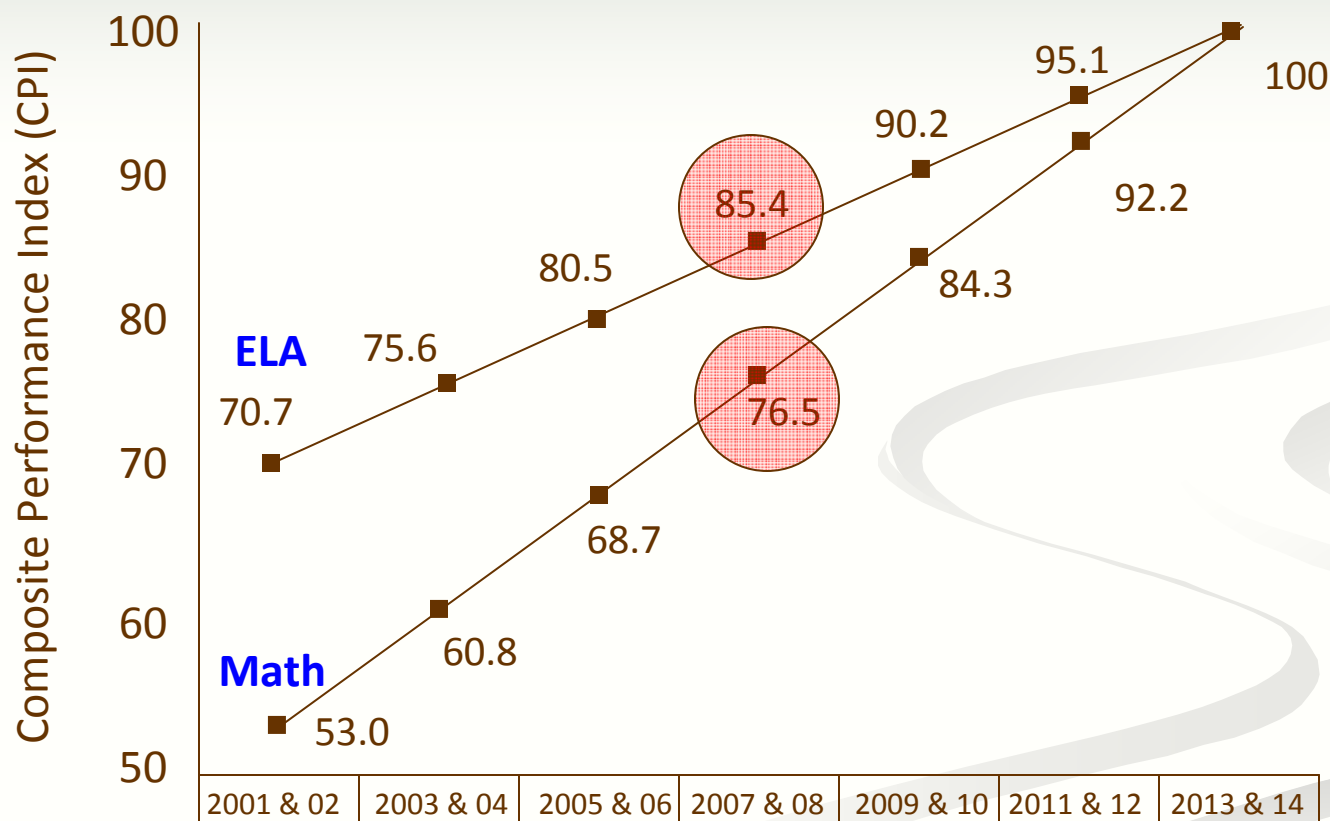
B **PERFORMANCE:** Did the student group perform at or above the 2008 performance target?

- Performance targets established between 2001 and 2014, as required by NCLB
- Targets set separately for ELA and for mathematics
- Performance expectations increase every 2 years
- Performance is measured using CPI
- AYP determinations based on one year of data each year

Data acquired from MA Department of Elementary and Secondary Education, October 2008

A + (B or C) + D = Affirmative AYP Determination

B PERFORMANCE: Did the student group perform at or above the 2008 performance target?



Data acquired from MA Department of Elementary and Secondary Education, October 2008

A + (B or C) + D = Affirmative AYP Determination

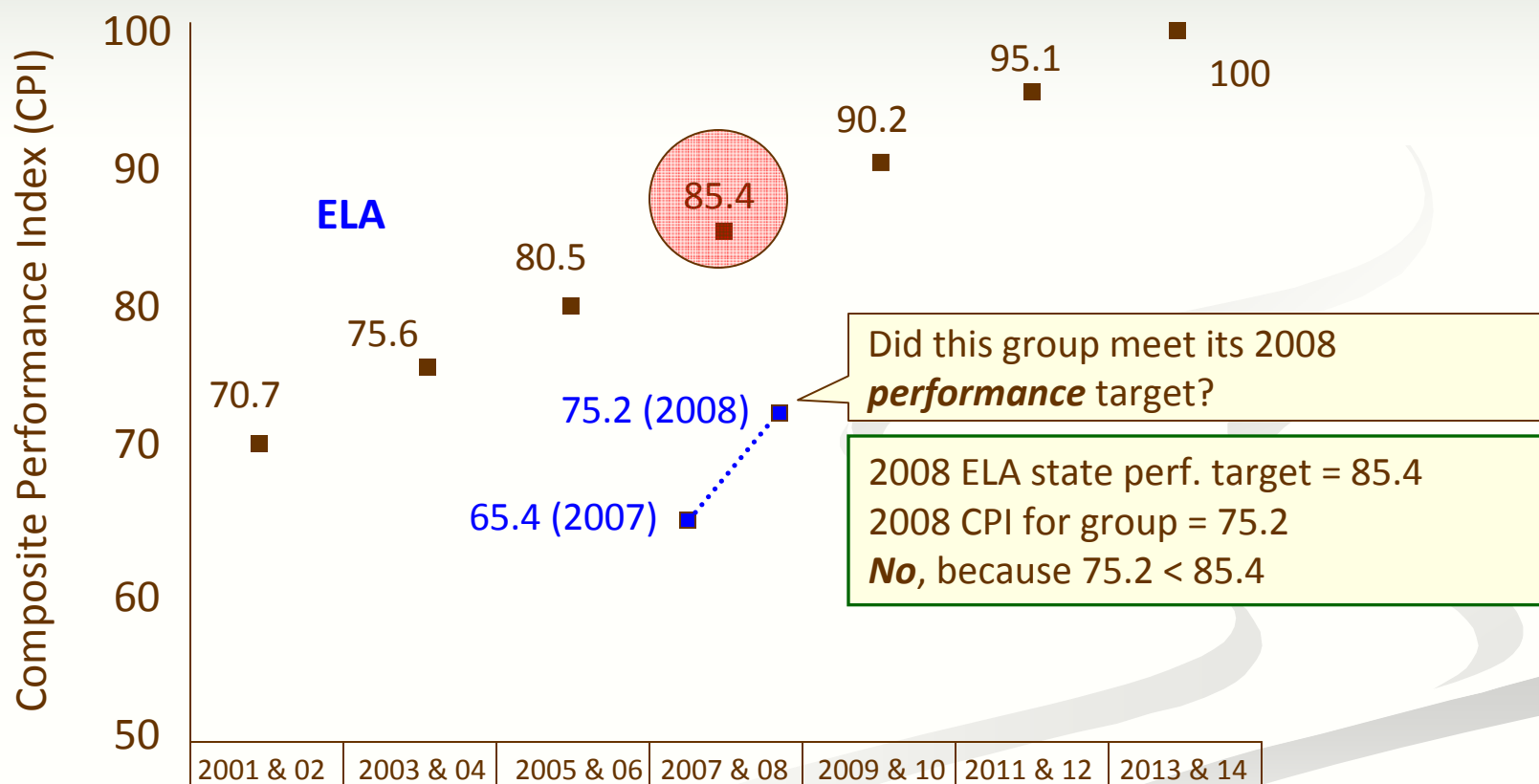
C IMPROVEMENT: Did the student group meet its own 2008 improvement target?

Performance...	Improvement...
Is an absolute measure	Is a relative measure
Is measured by comparing a group's 2008 CPI to the 2008 state performance target	Is measured by looking at a group's change in CPI from 2007 to 2008
Answers the question, "Did the group perform at or above the 2008 state performance target?" (ELA: 85.4, Math 76.5)	Answers the question, "Did the group improve from 2007 to 2008 so that it is on track to 100% proficiency by 2014?"

Data acquired from MA Department of Elementary and Secondary Education, October 2008

A + (B or C) + D = Affirmative AYP Determination

C IMPROVEMENT: Did the student group meet its own 2008 improvement target?



Data acquired from MA Department of Elementary and Secondary Education, October 2008

A + (B or C) + D = Affirmative AYP Determination

D **ADDITIONAL INDICATOR:** Did the student group meet the target for the Additional Indicator (Attendance, Graduation)?

	(D) Attendance		
	%	Change	Met Target
Aggregate	93.6	0.0	Yes
Low Income	87.3	-2.0	No

Student groups in schools and districts serving grades 1-8 must:

- Have an attendance rate of 92% or higher, or
- Improve by at least 1 percentage point from the previous year

Data acquired from MA Department of Elementary and Secondary Education, October 2008

A + (B or C) + D = Affirmative AYP Determination

D **ADDITIONAL INDICATOR:** Did the student group meet the target for the Additional Indicator (Attendance, Graduation)?

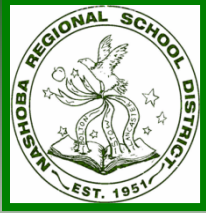
	(D) Graduation Rate		
	%	Change	Met Target
Hispanic	60	-1.0	Yes
White	58	2.0	Yes

Student groups in schools and districts serving grades 9-12 must:

- Have a 2007 graduation rate of 60% or higher, or
- Improve by at least 2 percentage points from 2006 to 2007

NEW

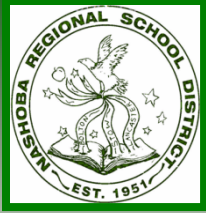
Data acquired from MA Department of Elementary and Secondary Education, October 2008



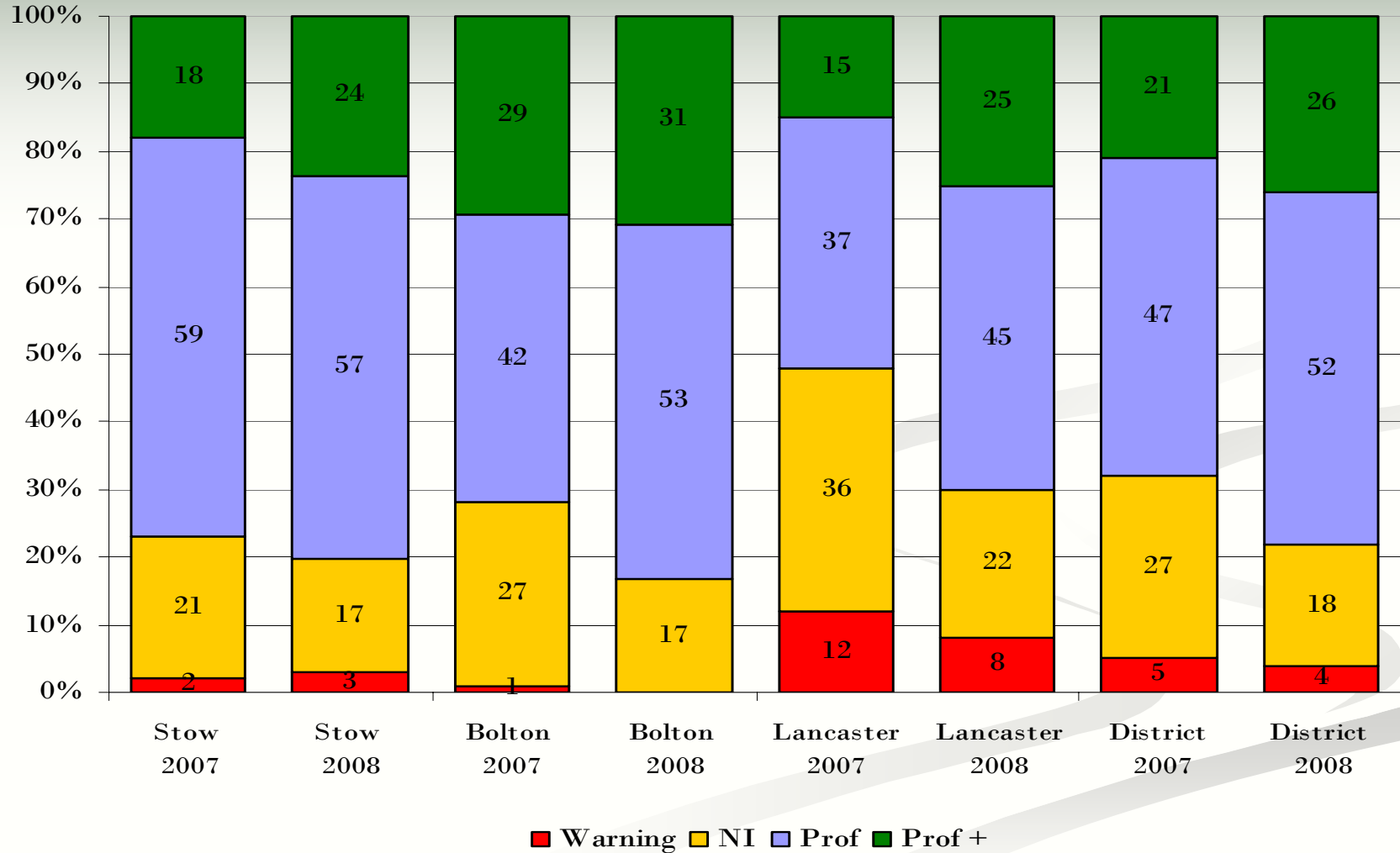
Teaching and Learning: Interventions

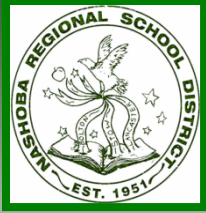
	Open Response Lessons/ Modeling	MCAS Software Training	Con-sultant Work	Analyze MCAS/ Action Plans	Writing Process/ Rubric Posters	Teaching and Learning Tools
Florence Sawyer	✓	✓	✓	✓	✓	✓
Mary Rowlandson	✓	✓	✓	✓	✓	✓
Center/ Pompo	✓	✓	✓	✓	✓	✓
Luther Burbank	✓	✓	✓	✓		✓
Hale	✓	✓	✓	✓		✓

*Mary Rowlandson also participated in Long Composition lessons/modeling at Grade 4. ¹⁶

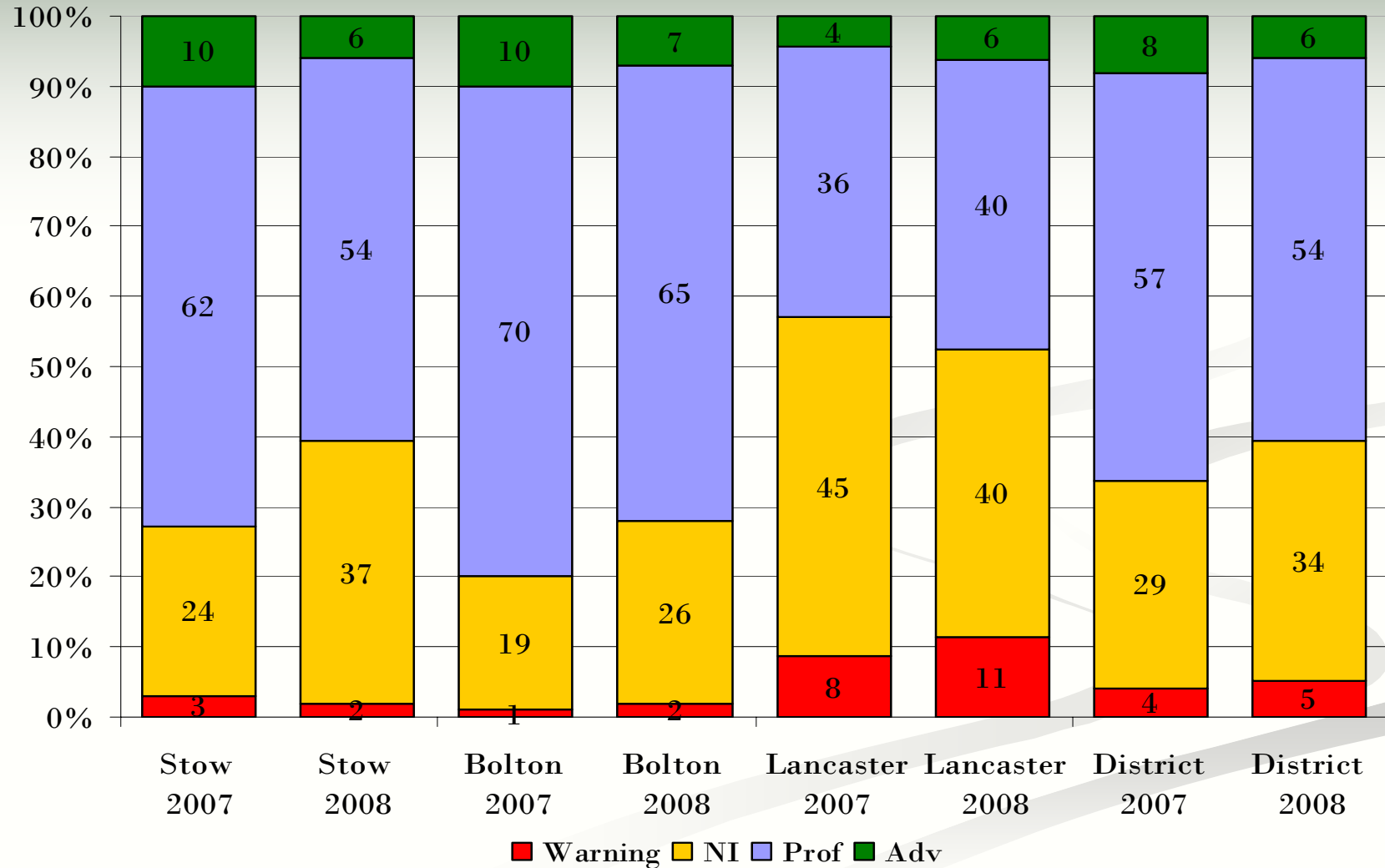


Teaching and Learning Results: Grade 3 Reading



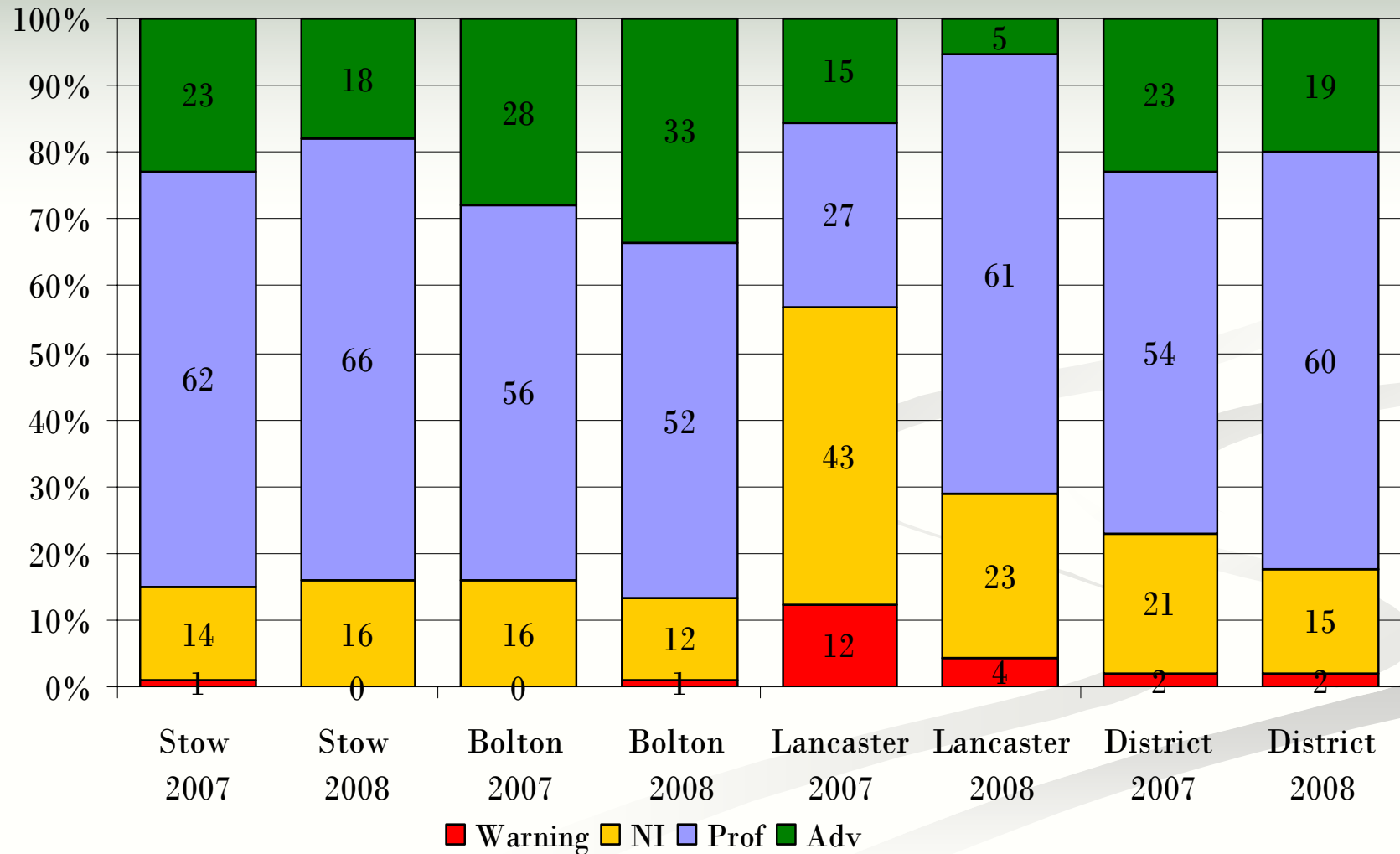


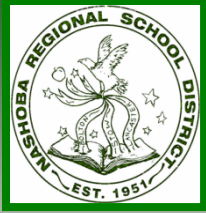
Teaching and Learning Results: Grade 4 ELA





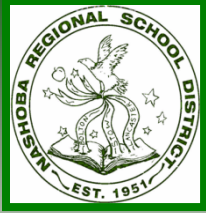
Teaching and Learning Results: Grade 5 ELA





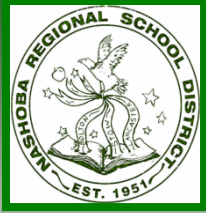
Moving Forward

- Continue Teaching and Learning support
 - Instructional Coaching Model
 - “On Demand” Professional Development
 - Using After School Meetings Time for Review of Student Work
 - Team Planning Time
- Action Plan Template Revised
 - Focus on Student Performance



Moving Forward

- Response to Intervention
 - District Accommodation Plan
 - Revised
 - Communicated
 - STAT Team Training
 - Focus on Interventions that Work
 - Effectiveness is more important
 - Student Monitoring
 - Routine Monitoring
 - Formative Assessment Training



2003-2008 Total District Comparison

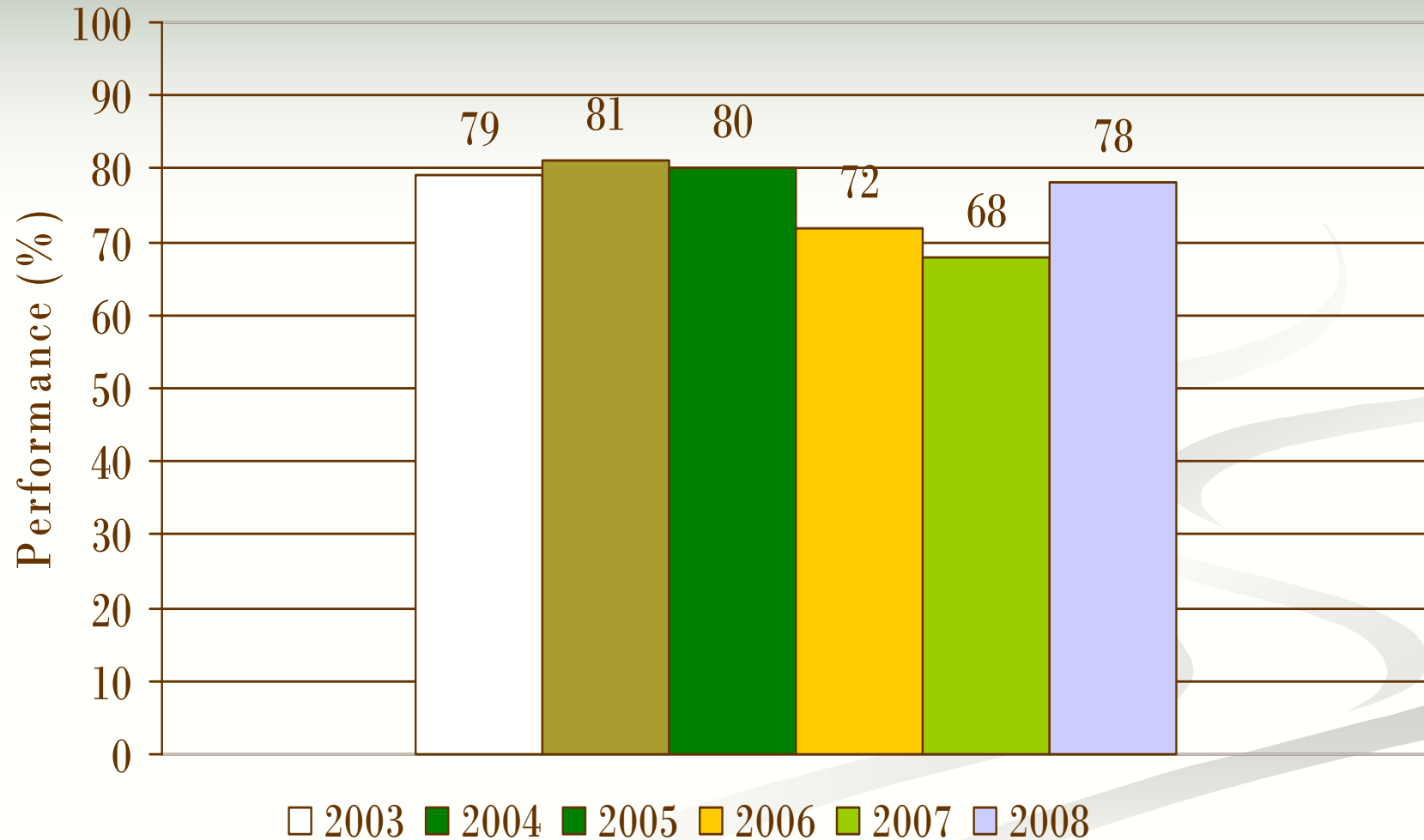
The following slides compare the 2008 MCAS results with prior years' results.

All schools within the Nashoba Regional School District are included in these graphs.

Both *Proficient* and *Above Proficient* are included in the Performance Level.

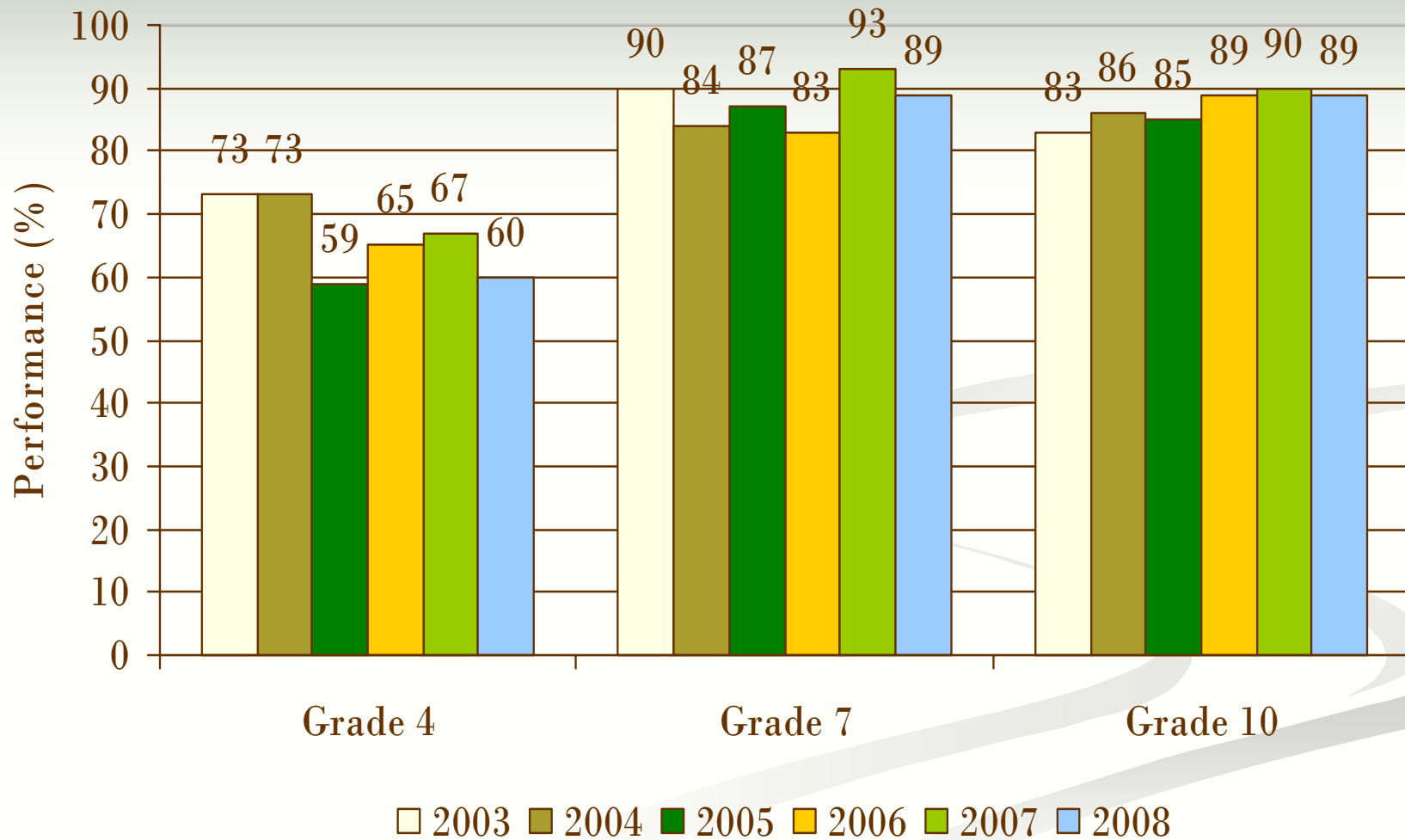


2003-2008 Total District Comparison: Grade 3 Reading



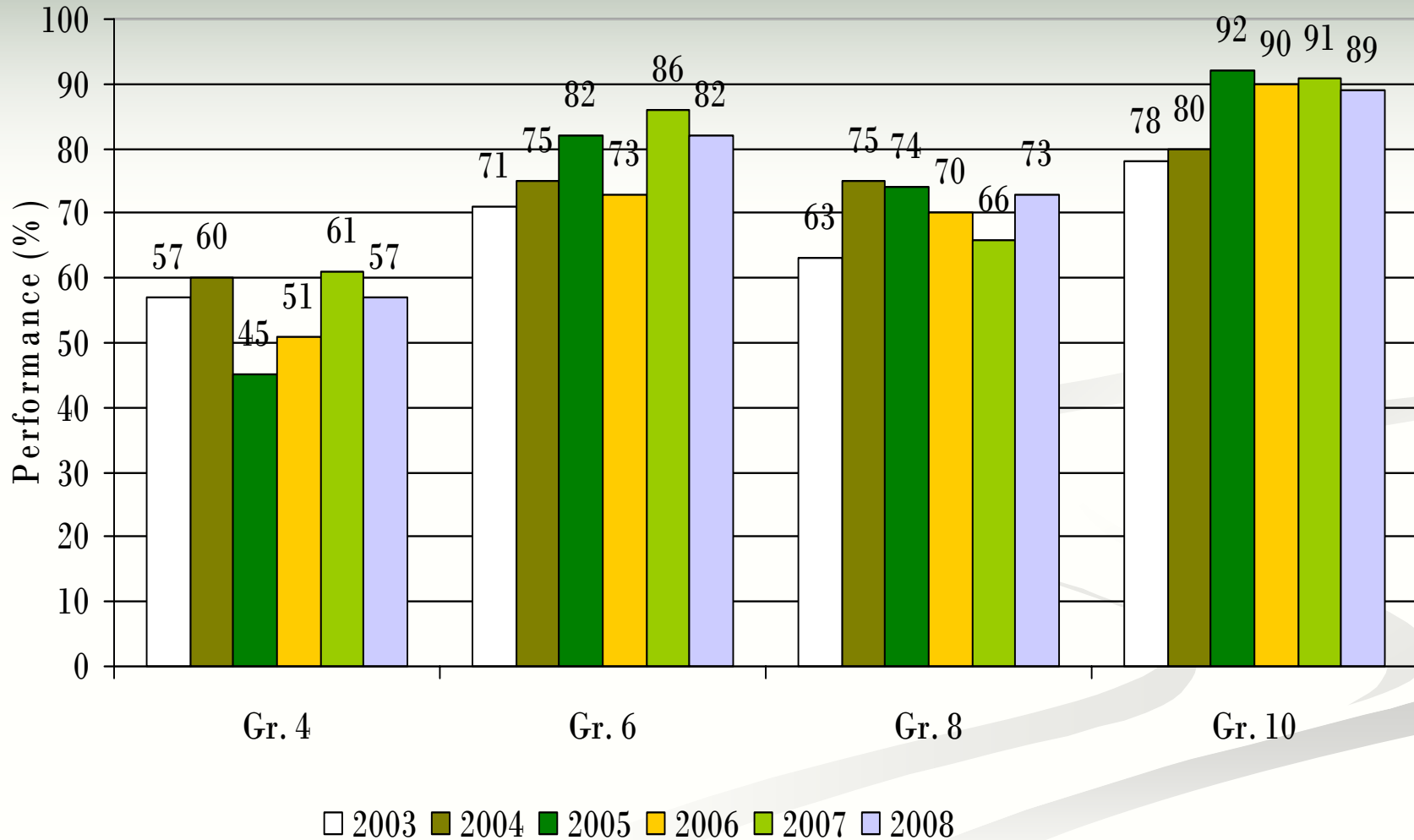


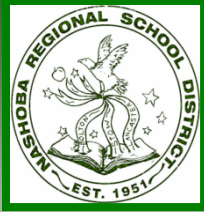
2003-2008 Total District Comparison: English Language Arts



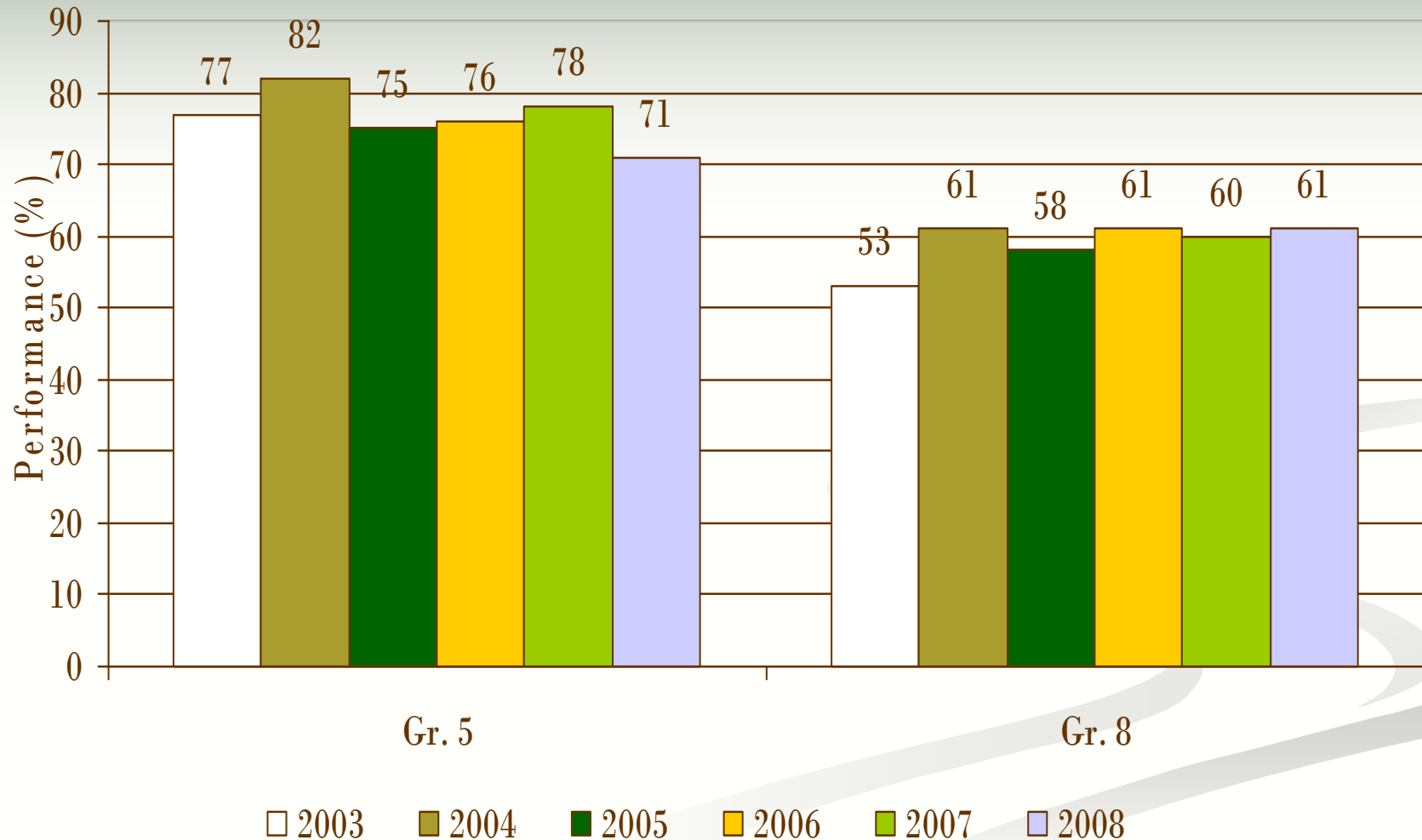


2003-2008 Total District Comparison: Mathematics





2003-2008 Total District Comparison: Science, Technology and Engineering



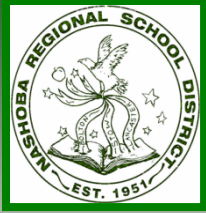


2008 District Results

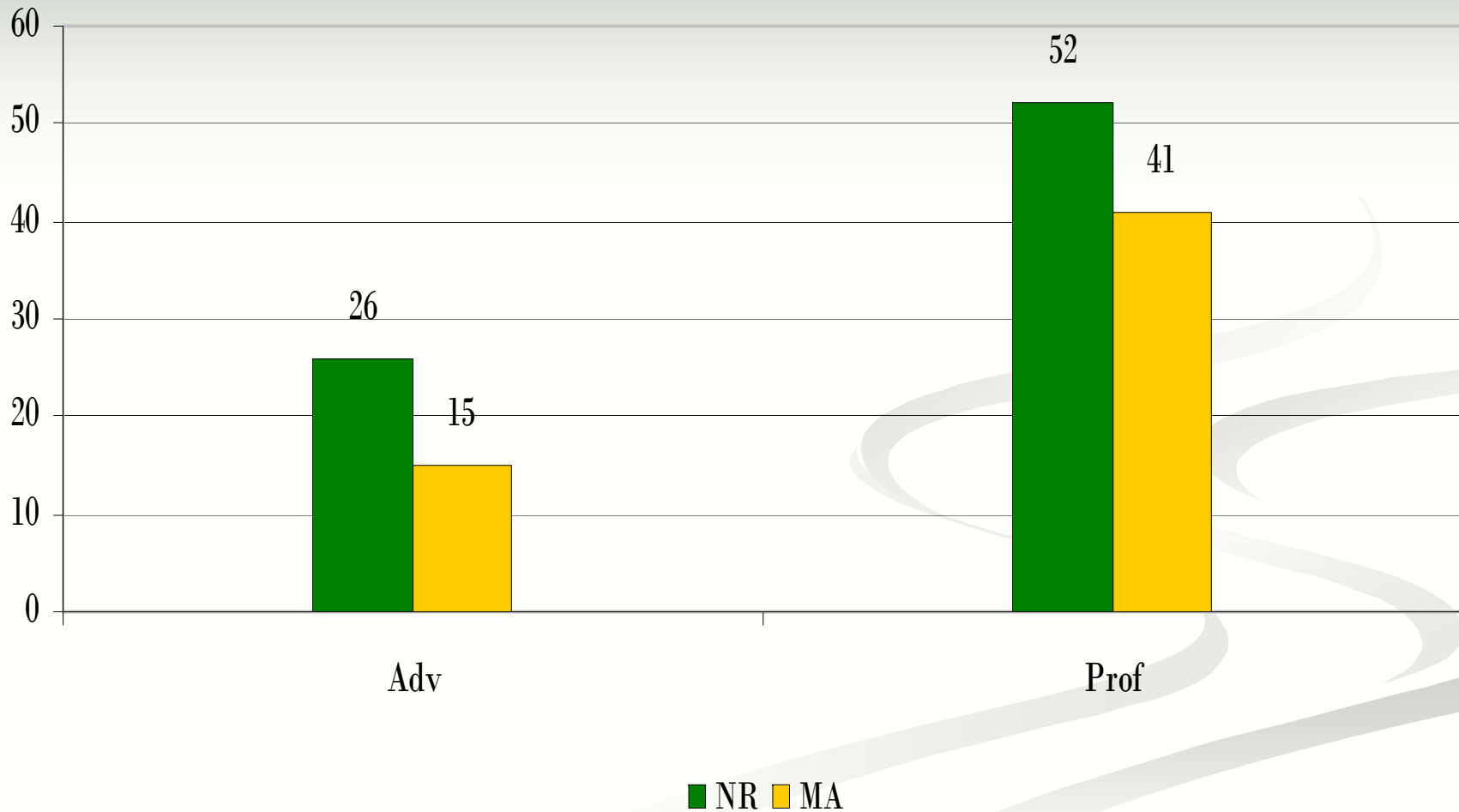
The following graphs represent Nashoba Regional School District's MCAS results according to content area.

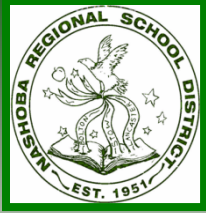
Results are separated into two categories of *Proficient* and *Advanced*.

Massachusetts results are also included for comparison.

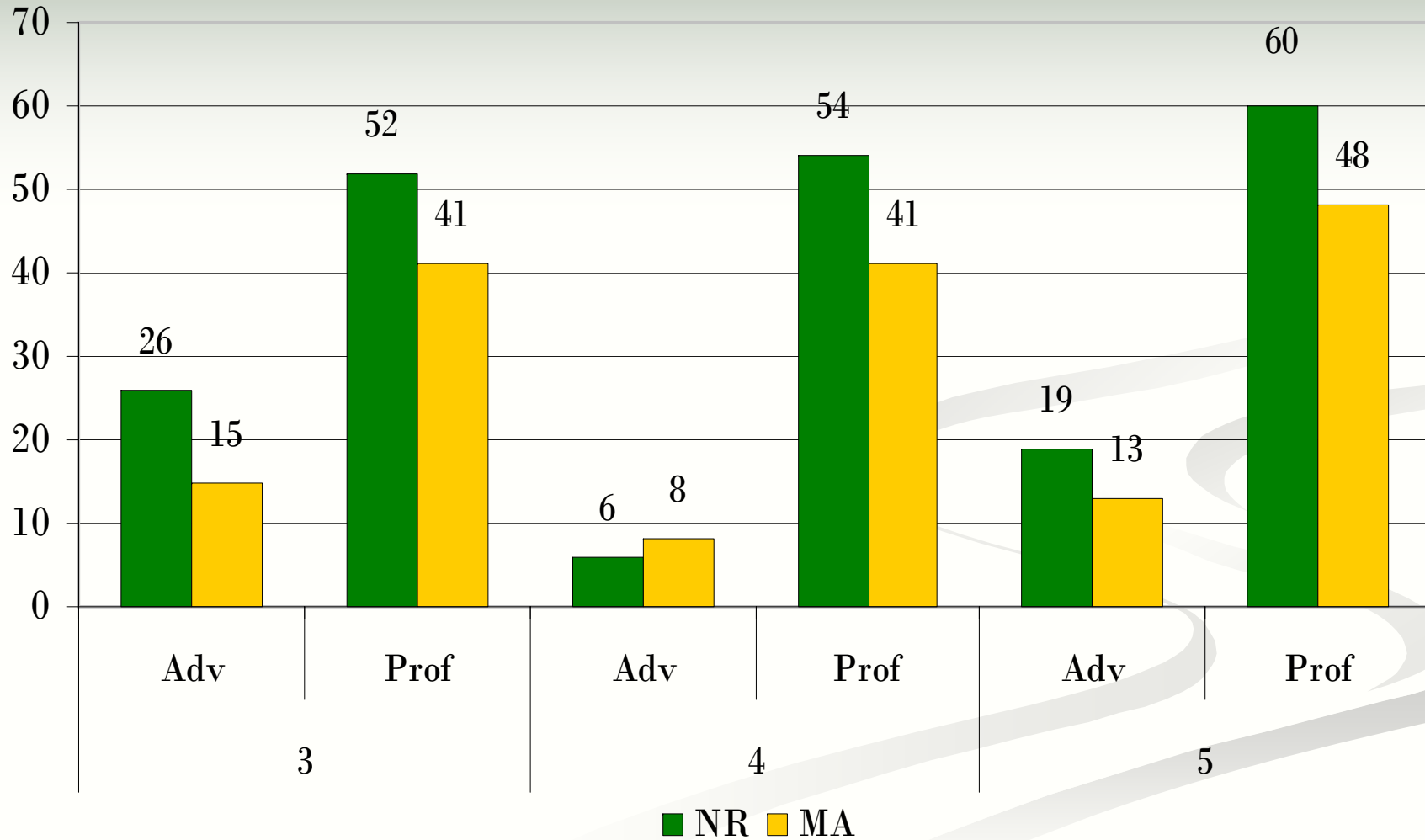


2008 District Results: Reading



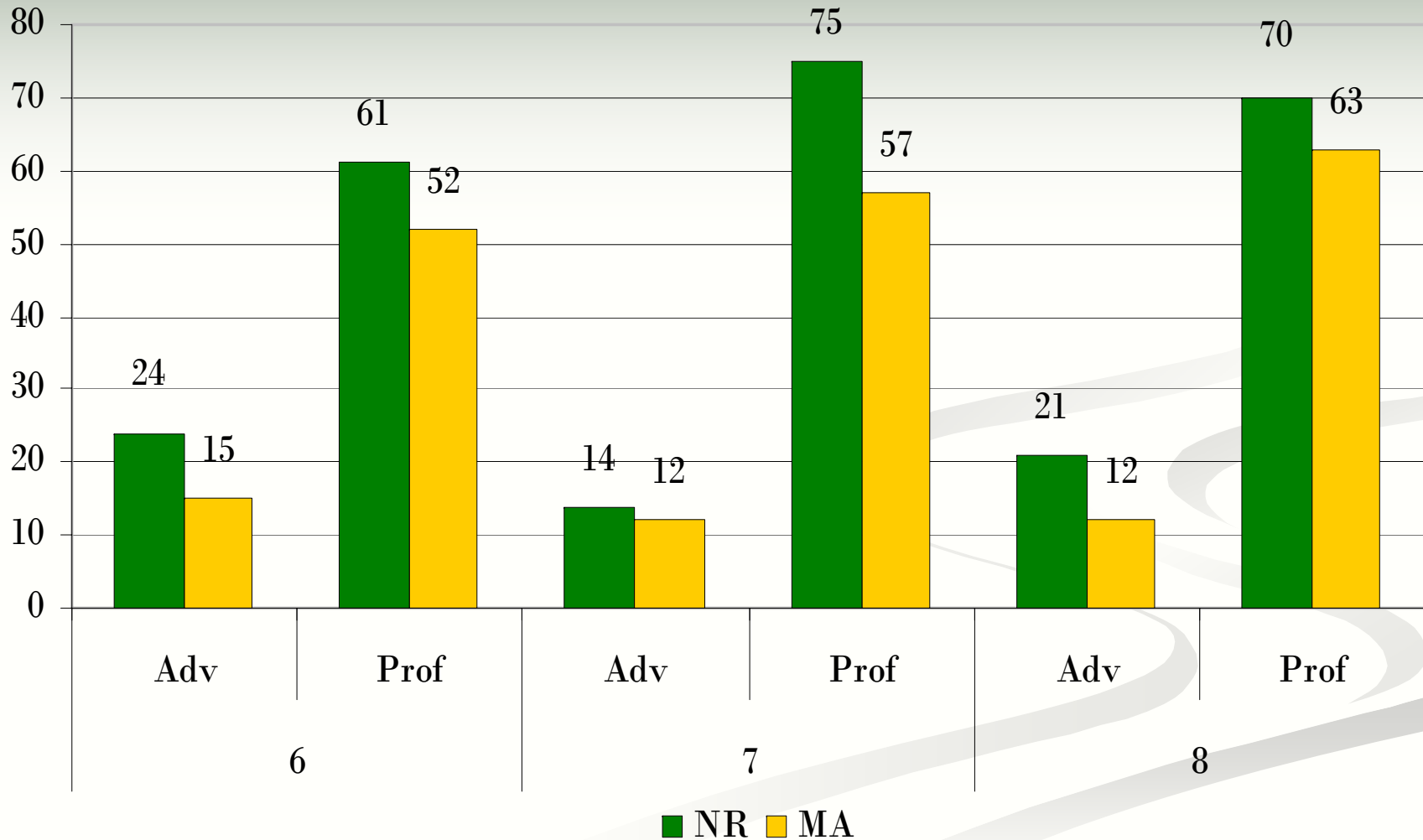


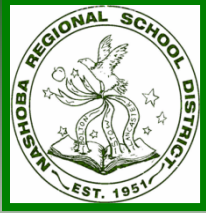
2008 District Results: English Language Arts



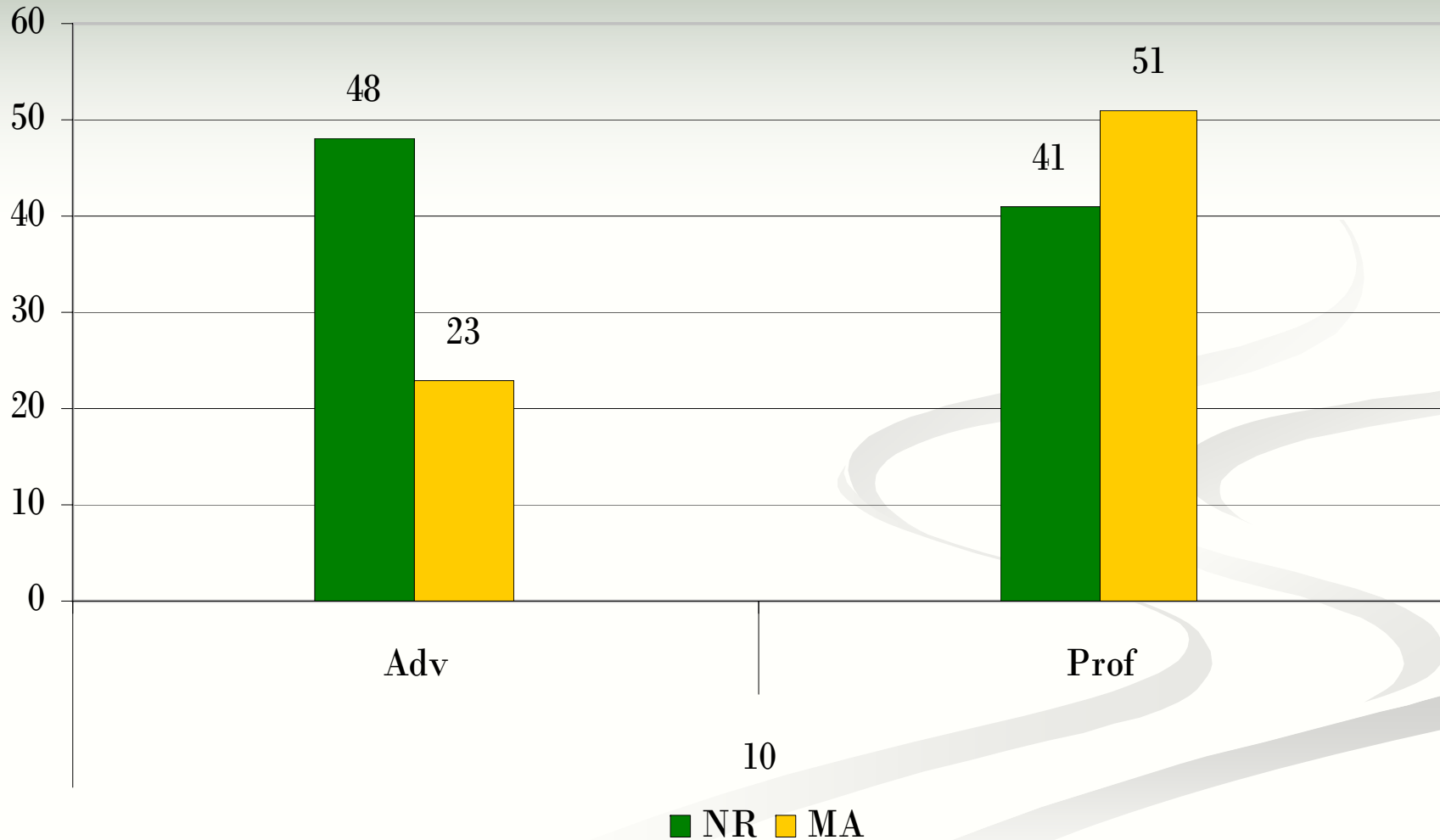


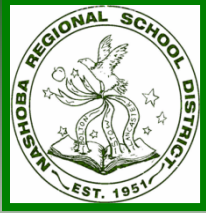
2008 District Results: English Language Arts



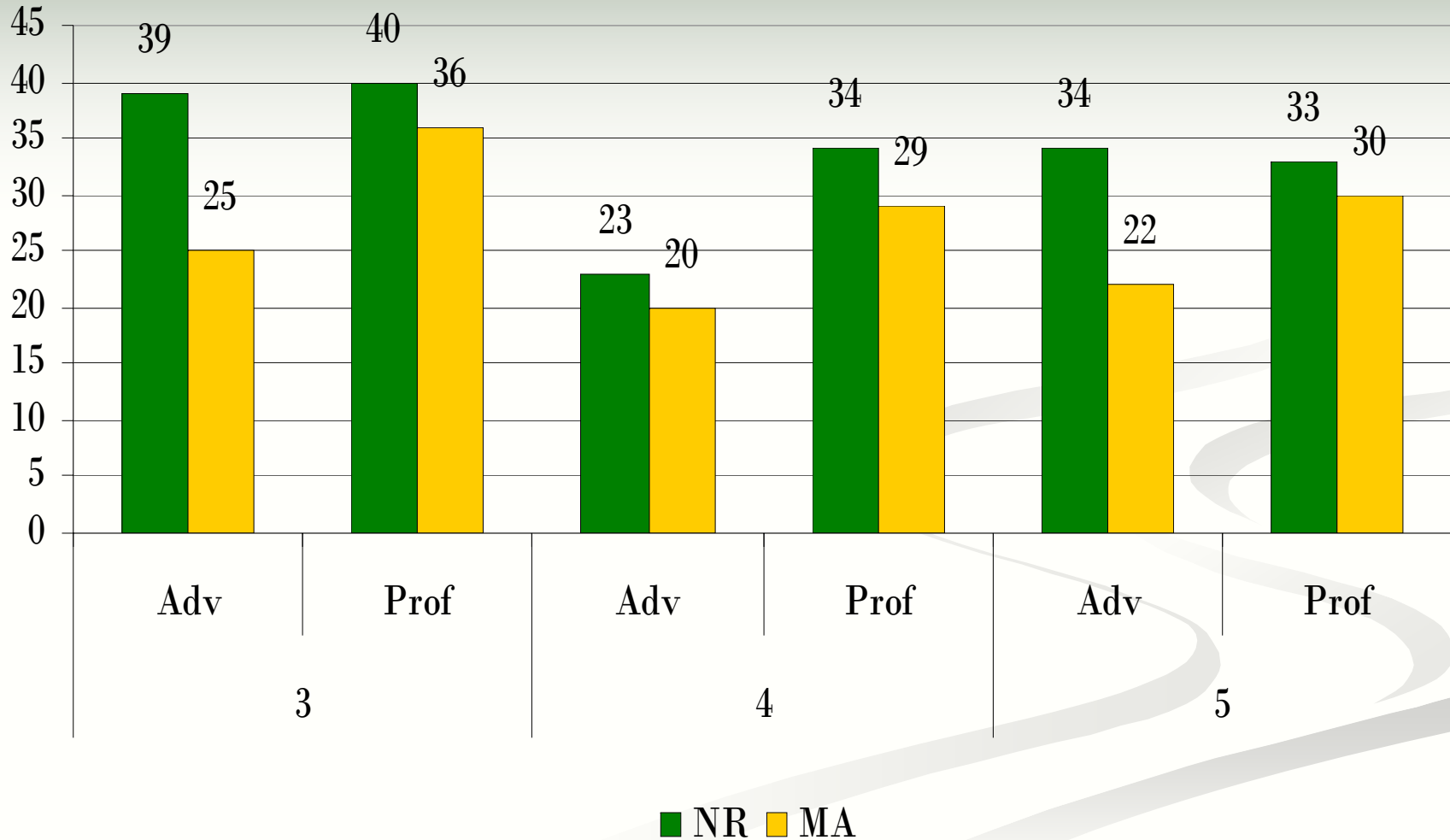


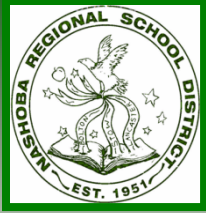
2008 District Results: English Language Arts



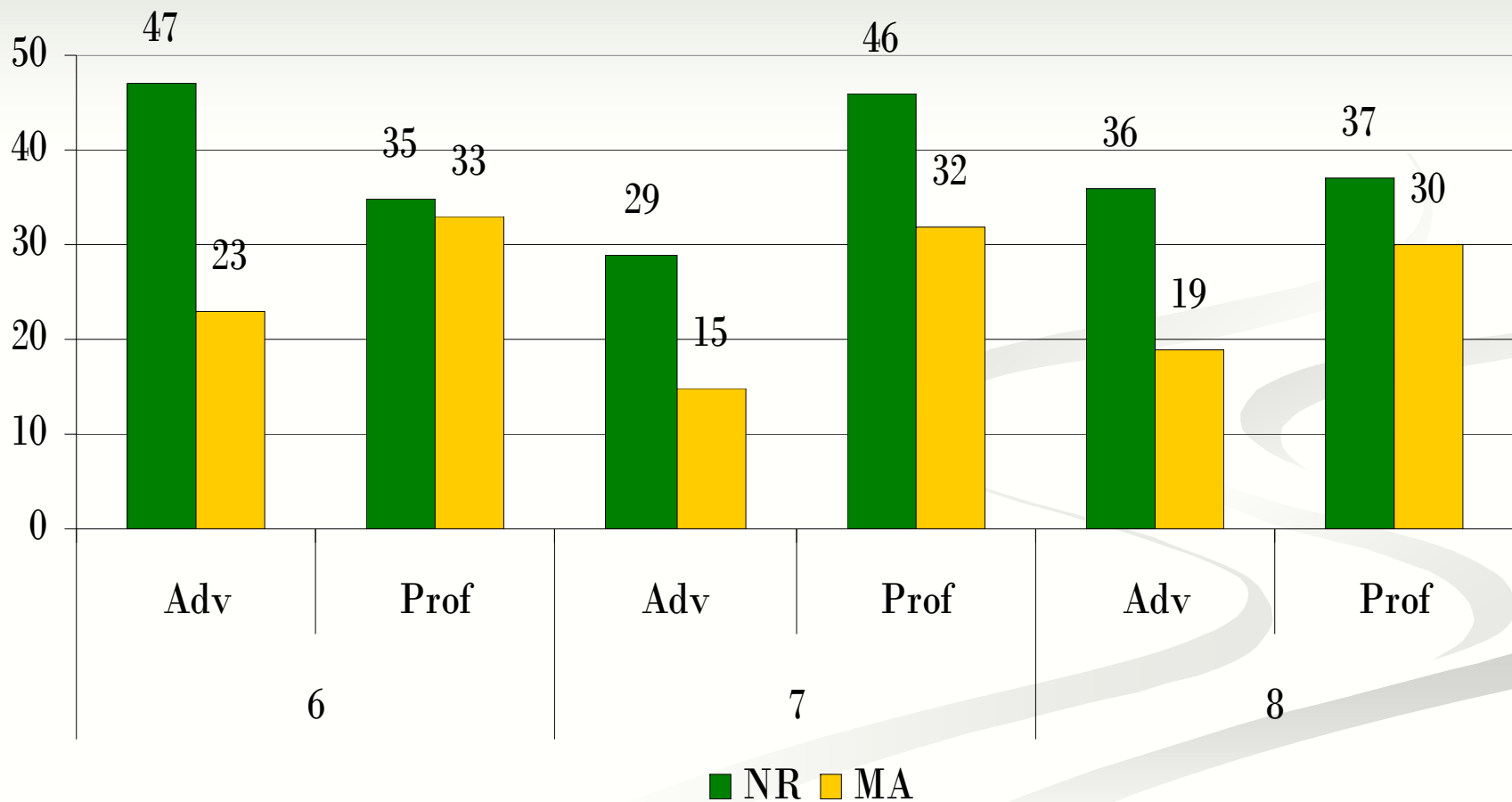


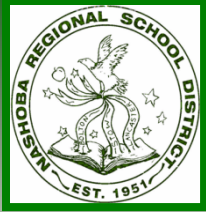
2008 District Results: Mathematics



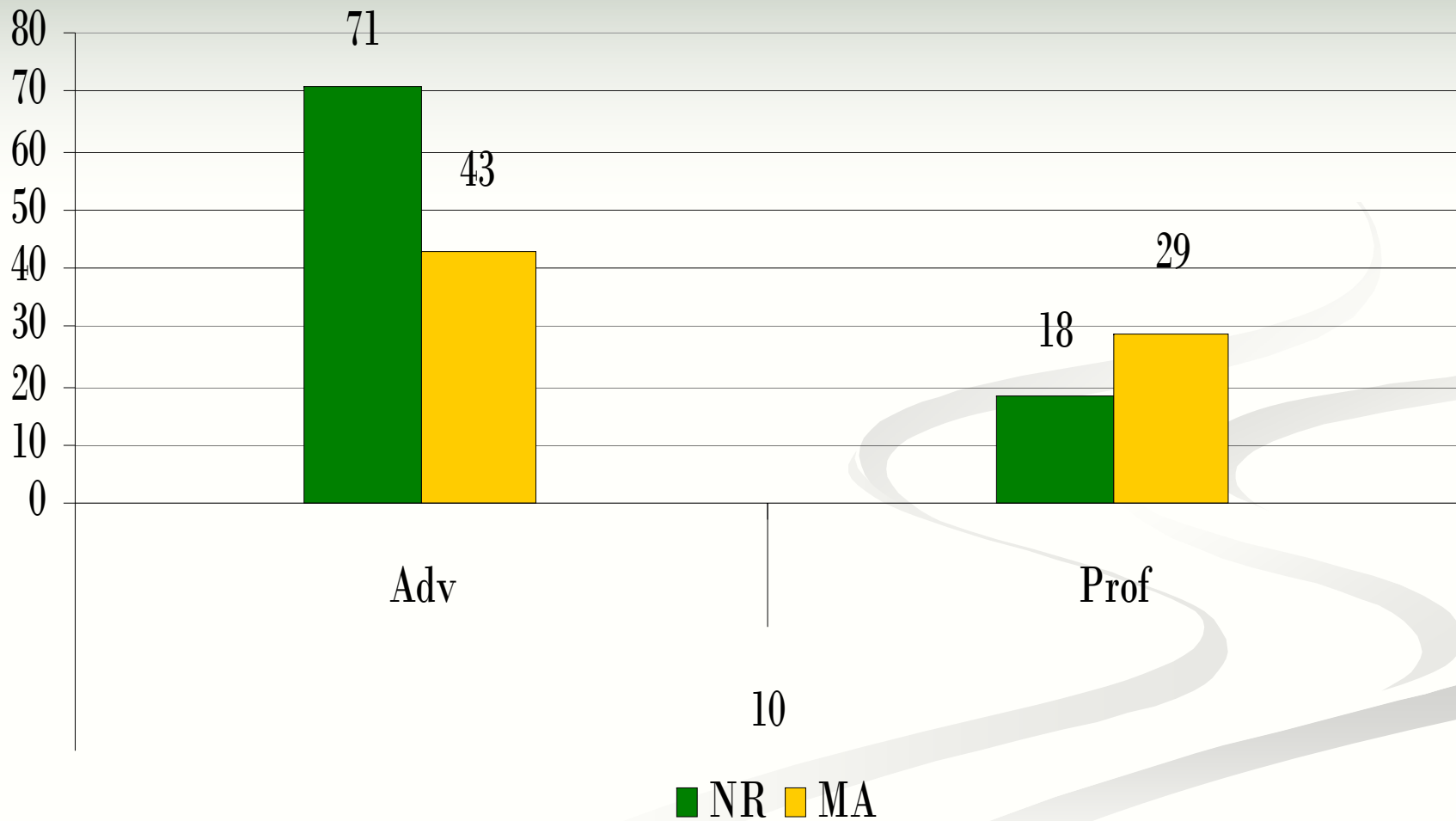


2008 District Results: Mathematics



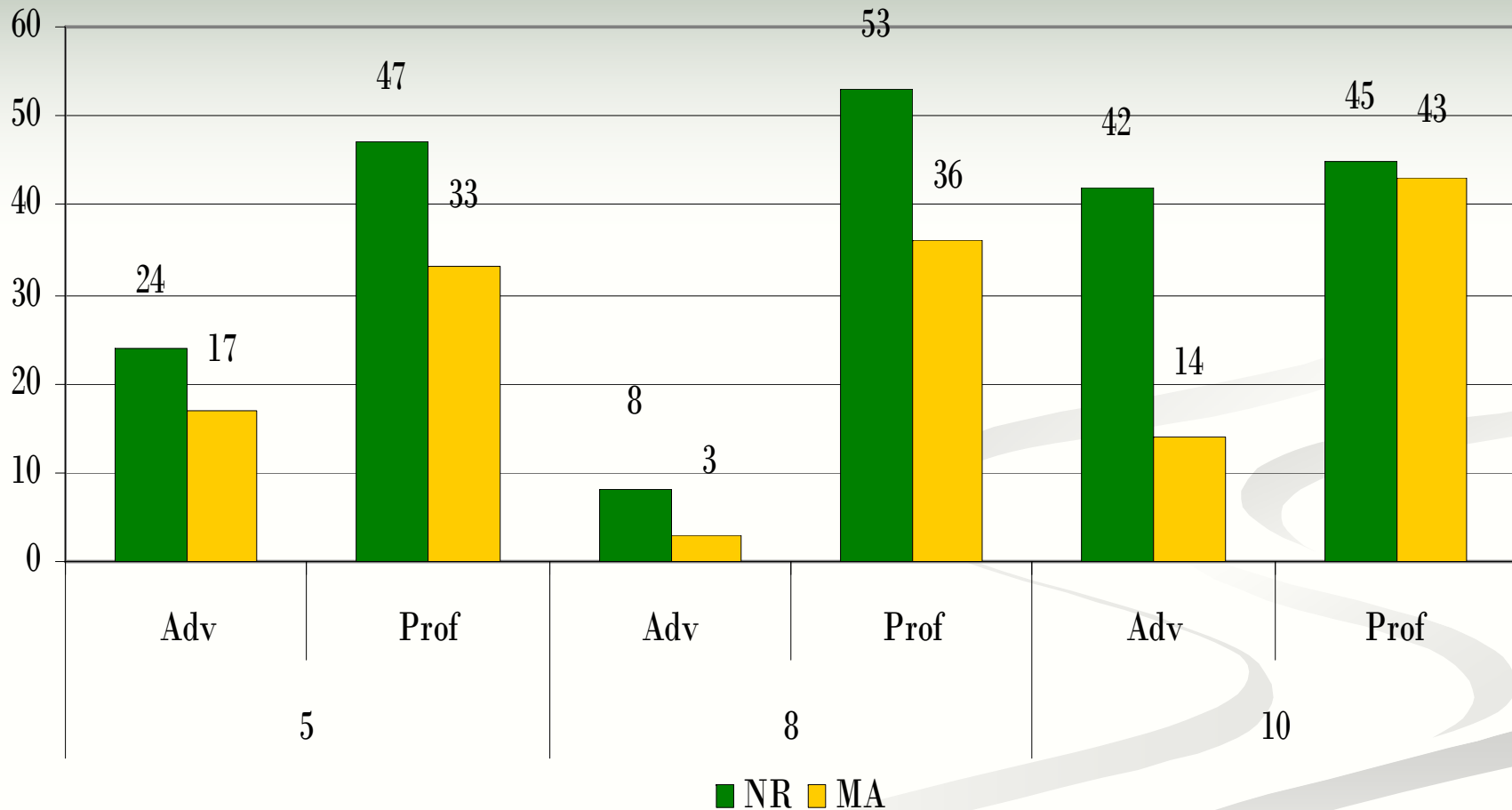


2008 District Results: Mathematics

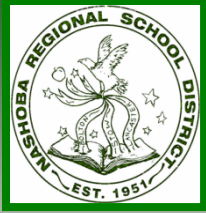




2008 District Results: Science, Technology and Engineering



* Grade 10 STE results represent the highest performance level attained by class of 2010 students in grades 9/10 in Biology, Chemistry, Introductory Physics, or Technology/Engineering.



2008 Comparison by School

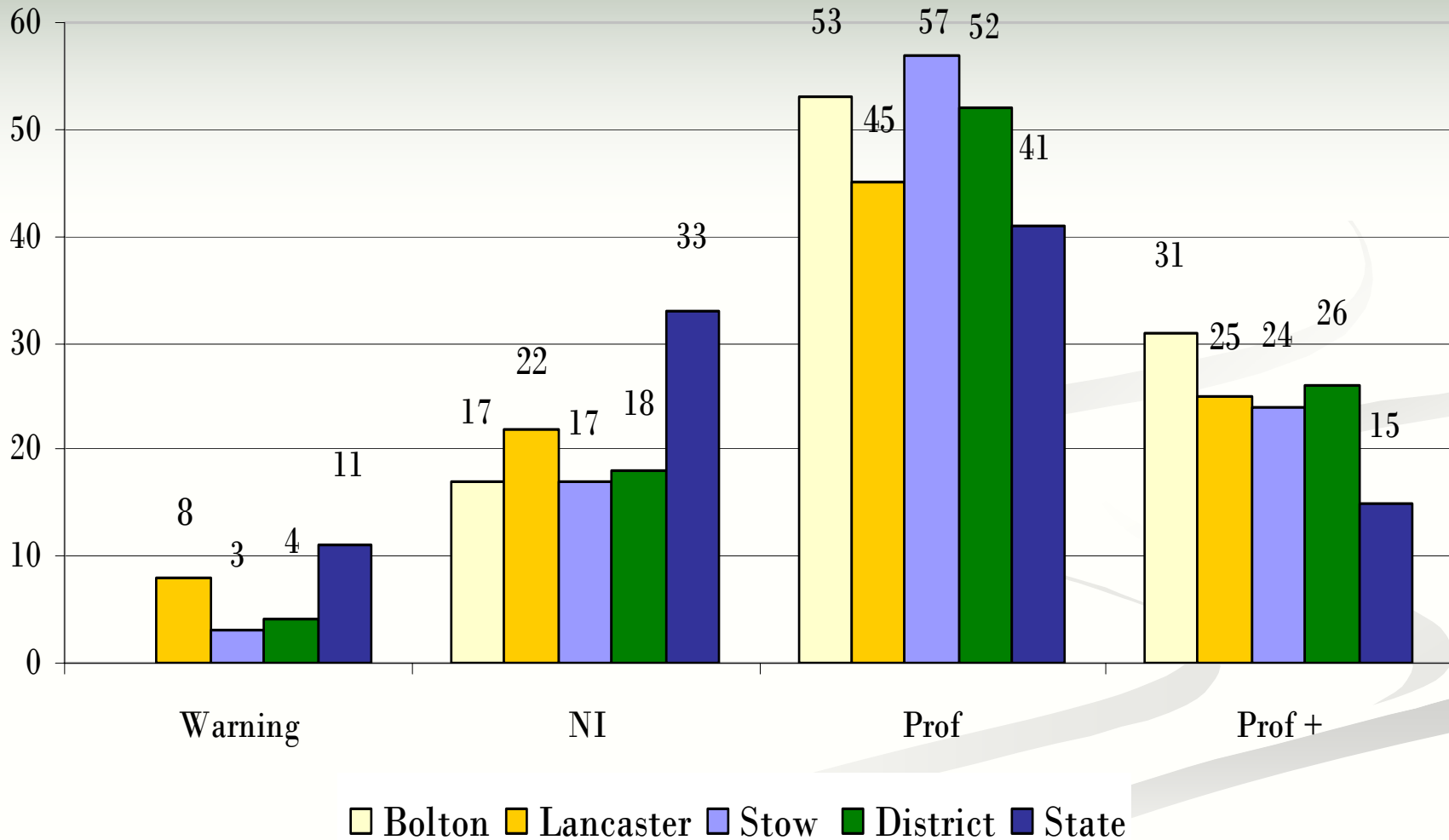
The following slides represent a comparison of the scores across the three towns.

District and State data is also included.

Results are reported in terms of proficiency.

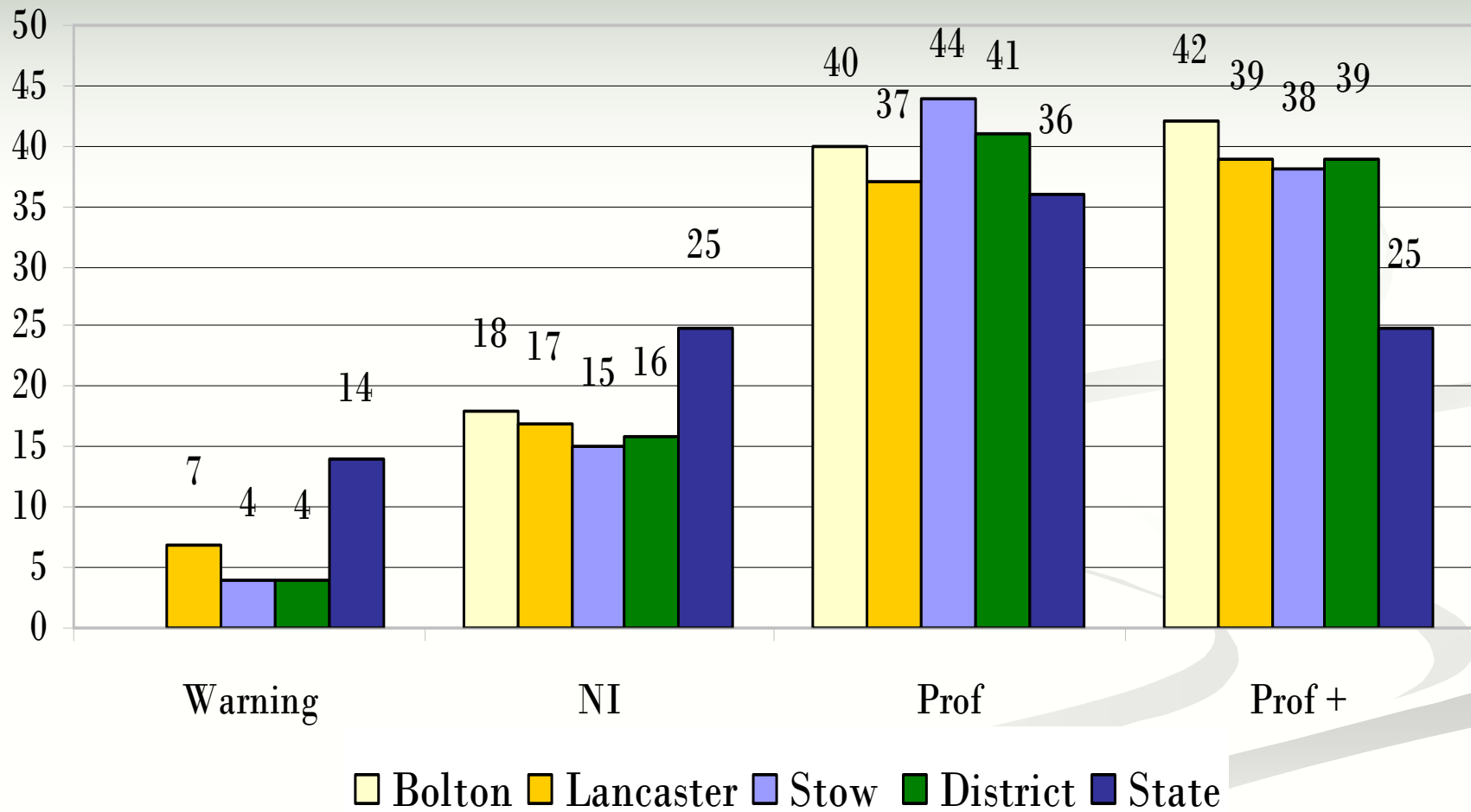


2008 Comparison by School: Grade 3 Reading



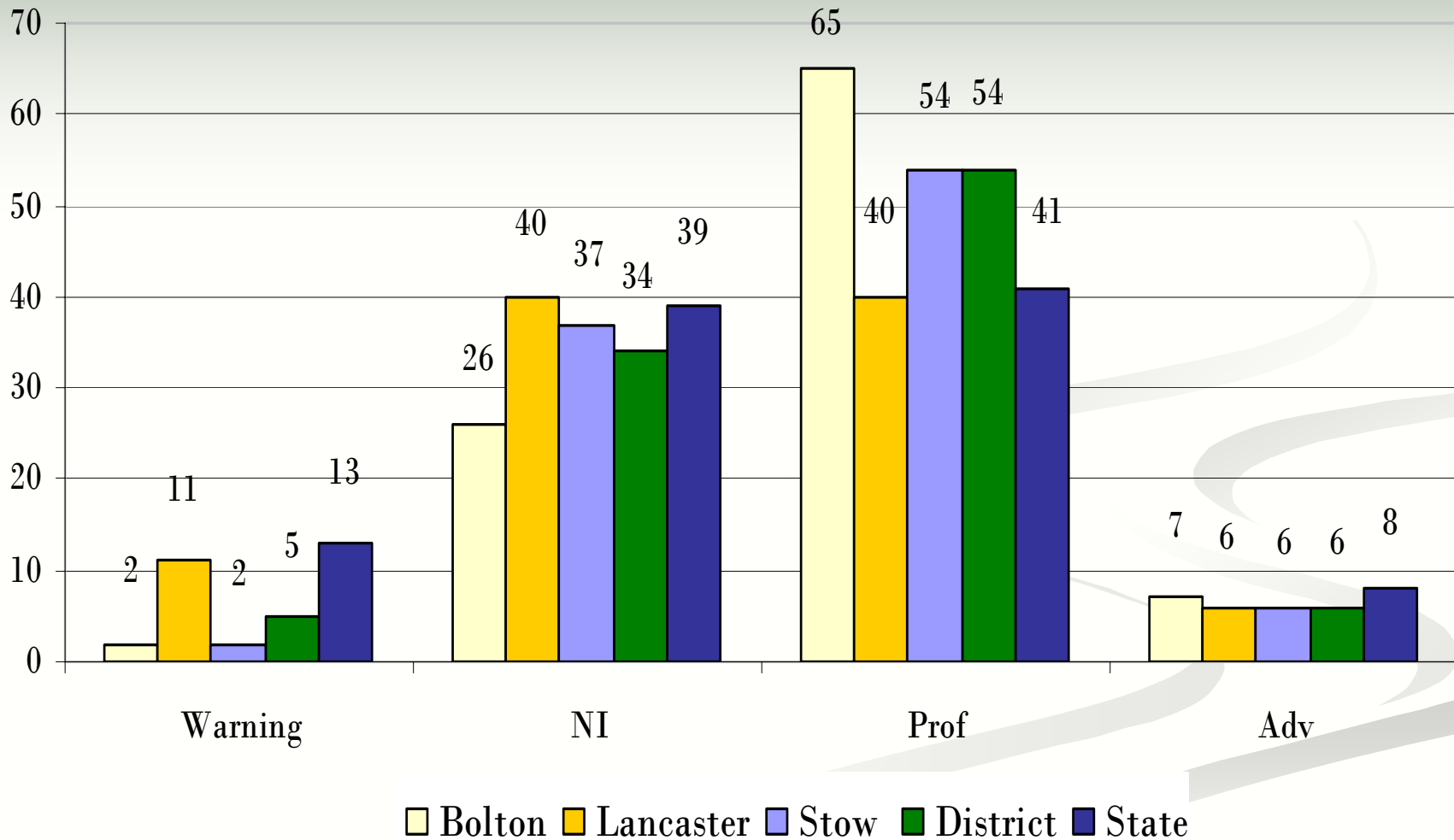


2008 Comparison by School: Grade 3 Mathematics



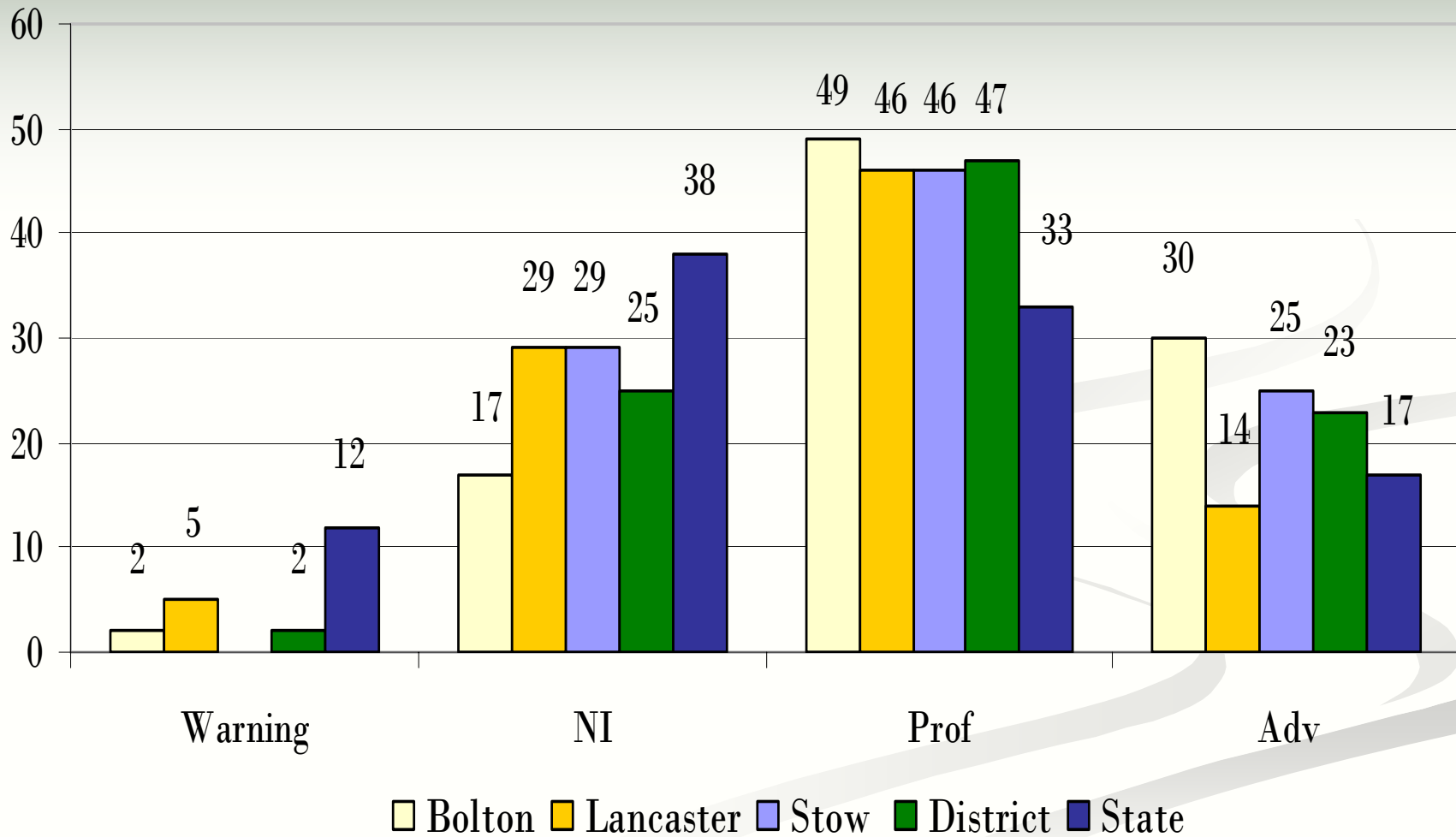


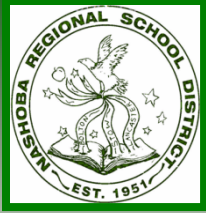
2008 Comparison by School: Grade 4 ELA



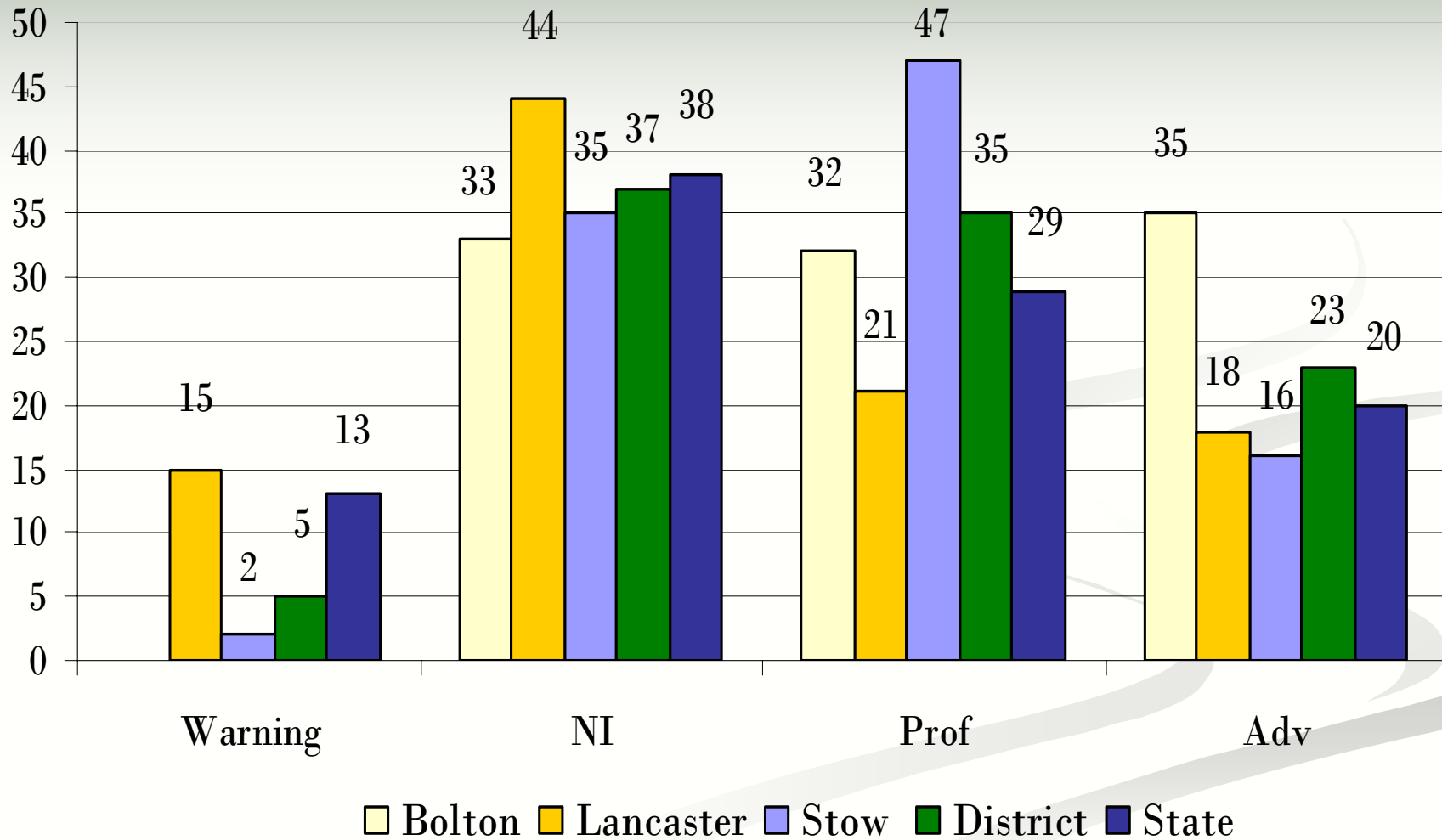


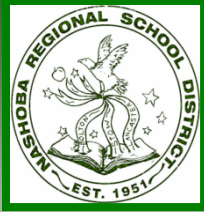
2008 Comparison by School: Grade 5 STE



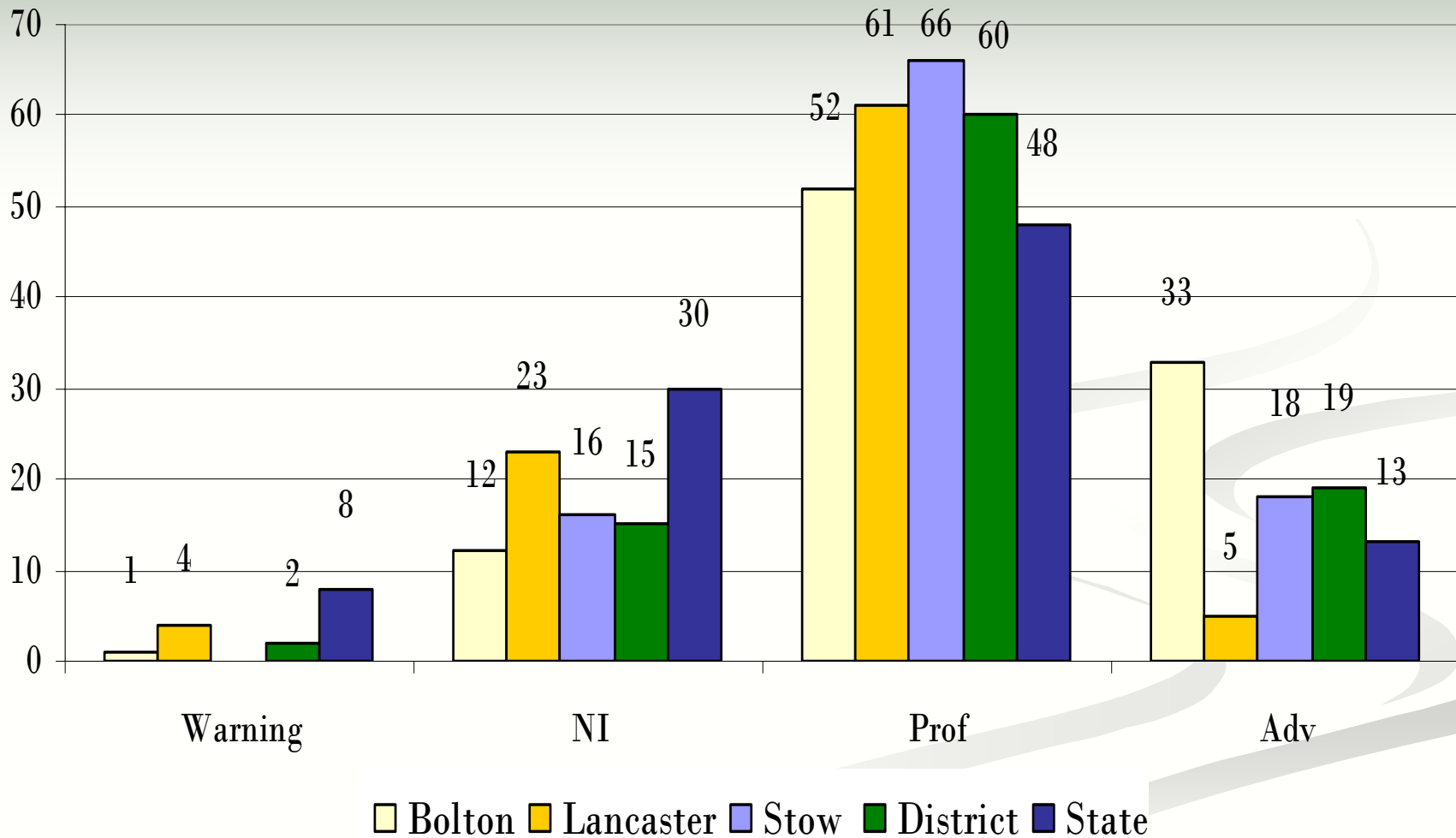


2008 Comparison by School: Grade 4 Math



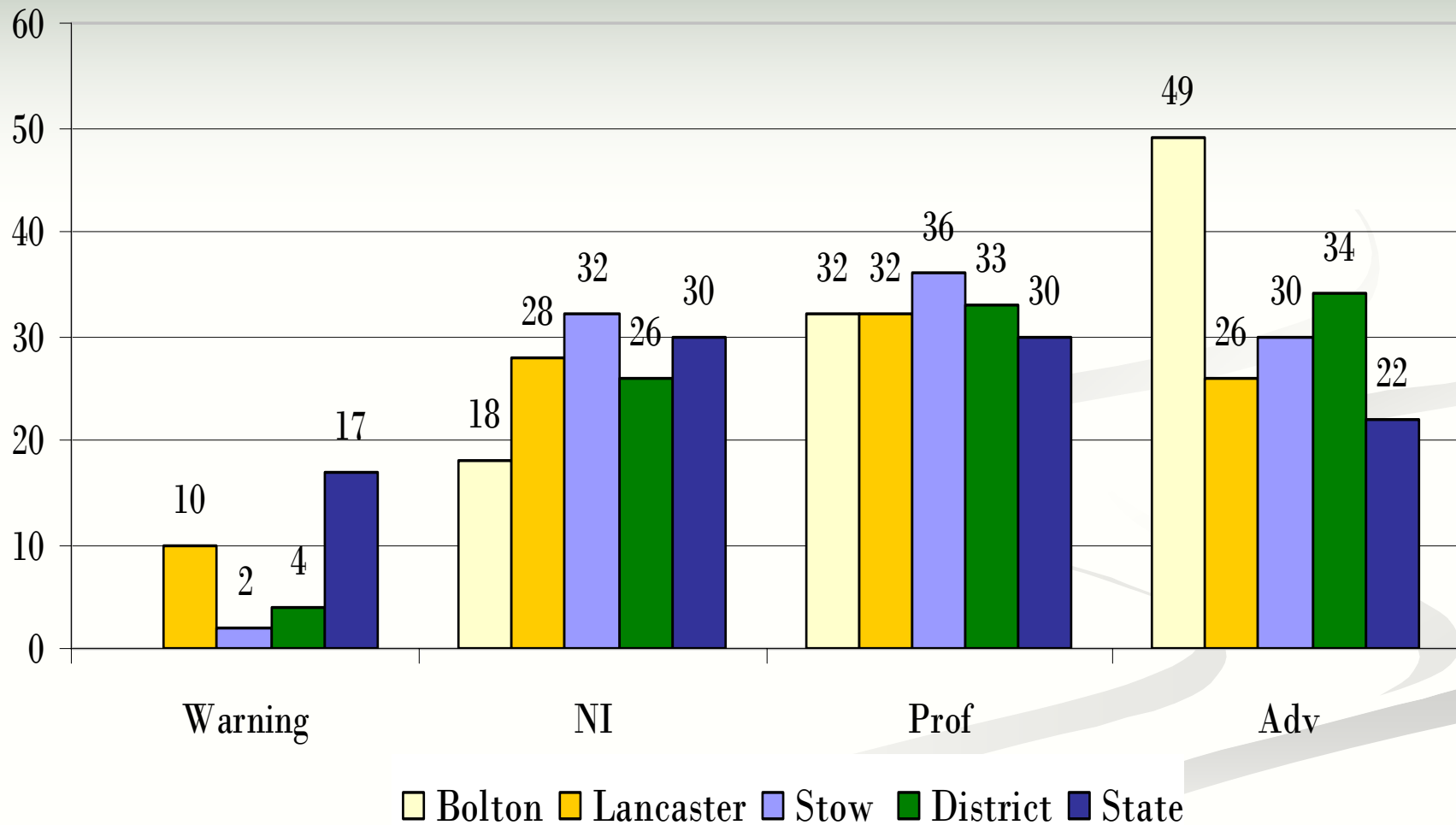


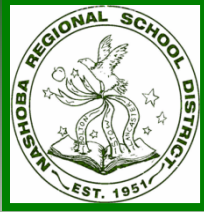
2008 Comparison by School: Grade 5 ELA



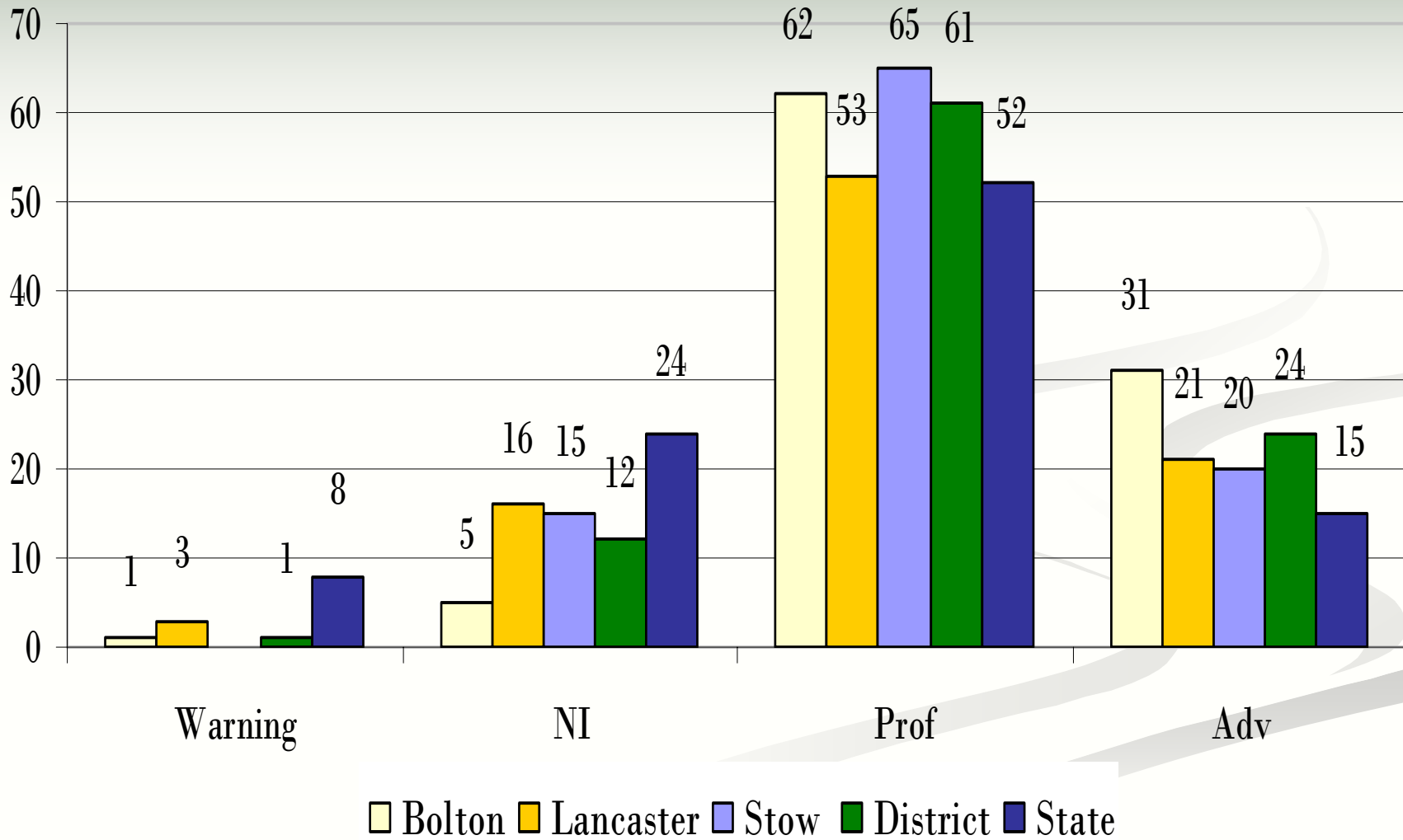


2008 Comparison by School: Grade 5 Math



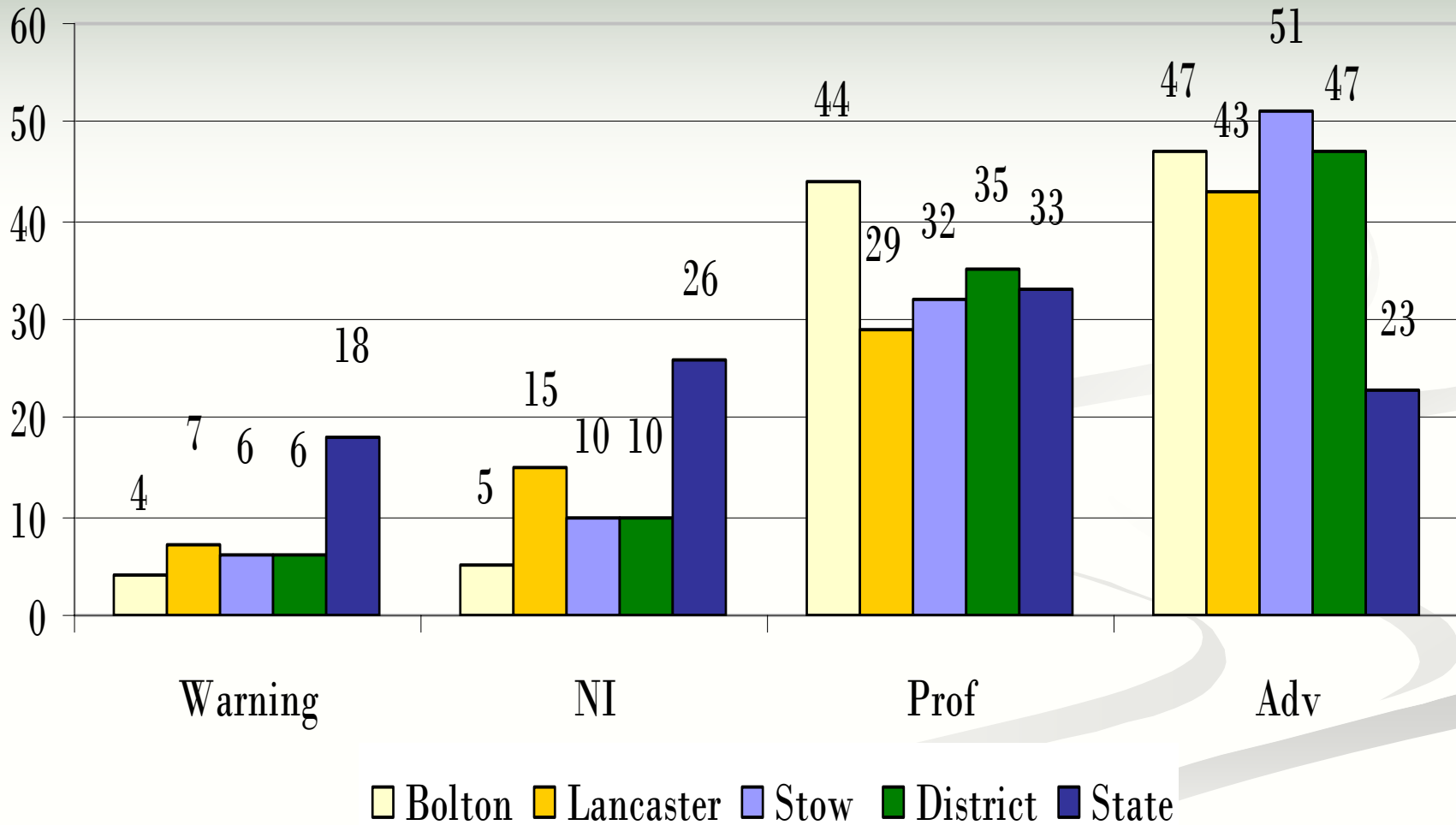


2008 Comparison by School: Grade 6 ELA



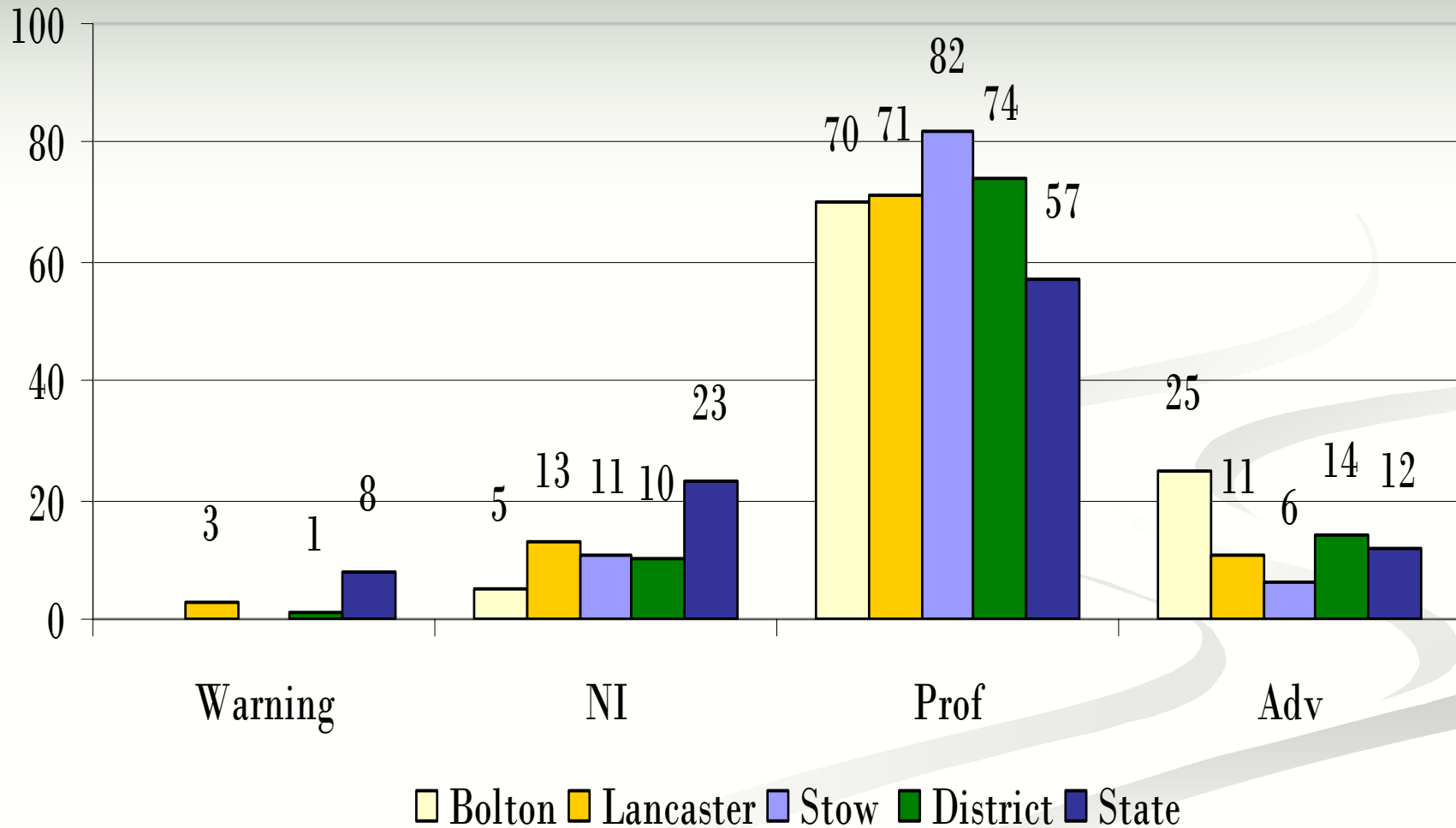


2008 Comparison by School: Grade 6 Math



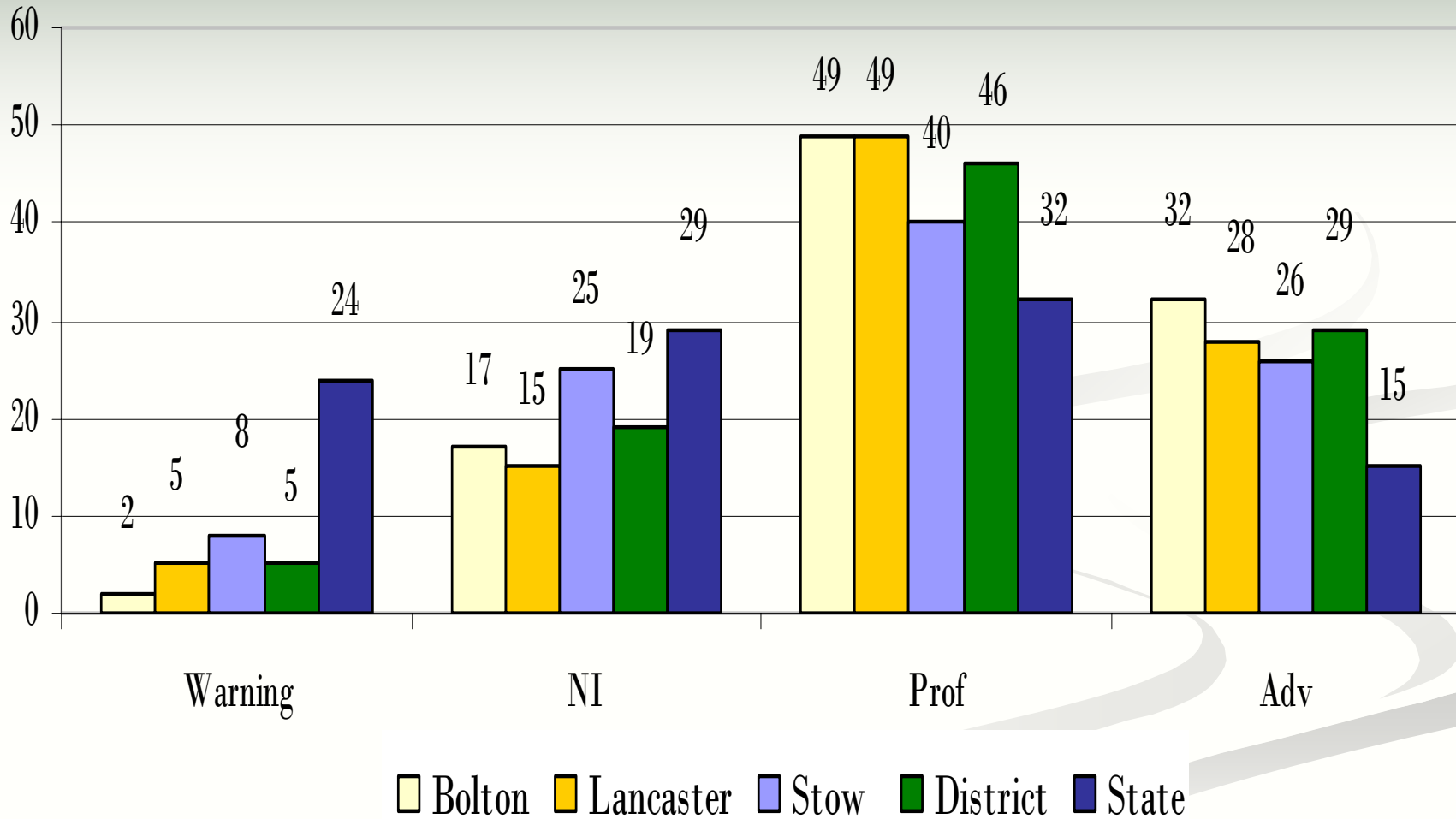


2008 Comparison by School: Grade 7 ELA



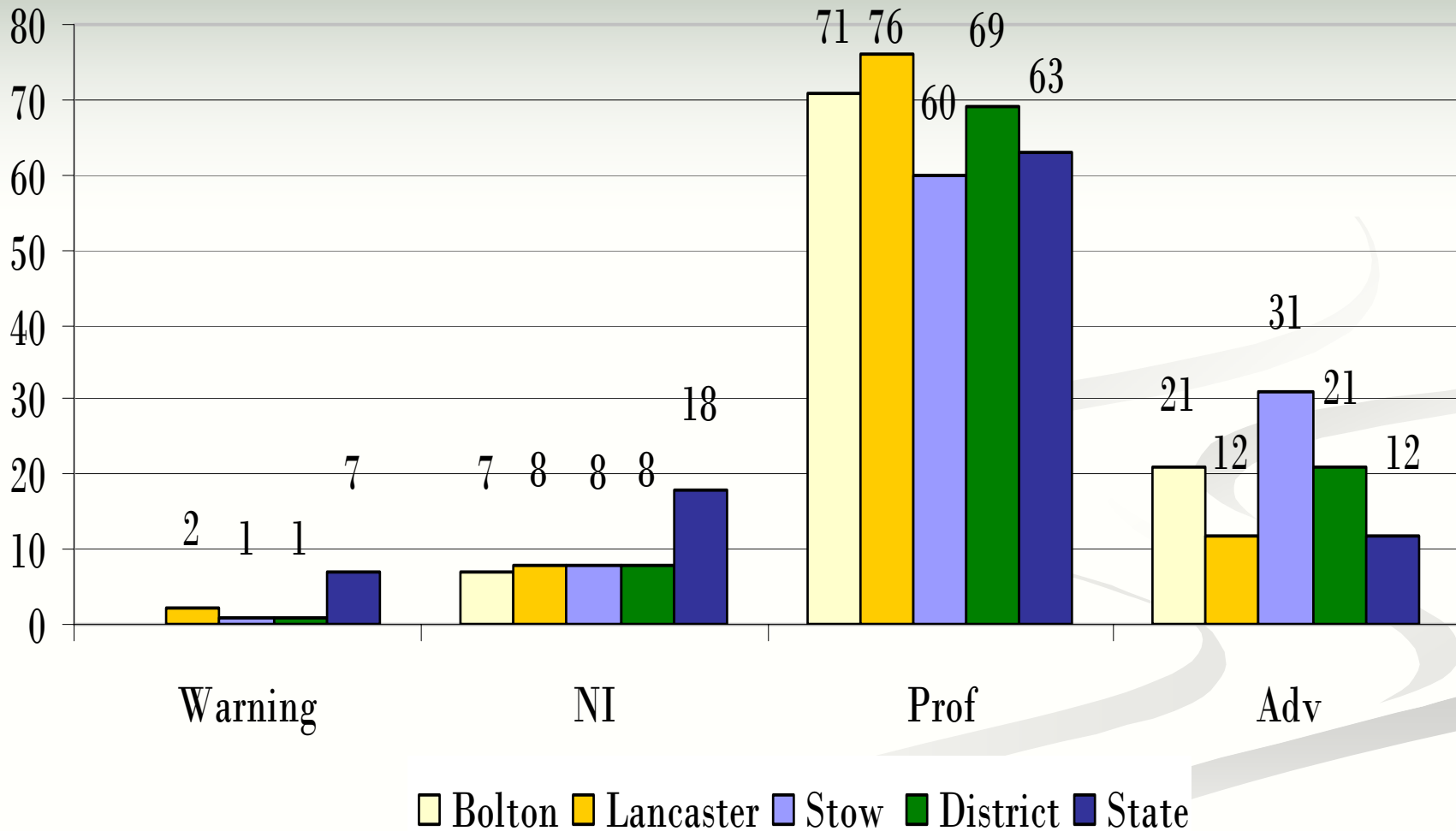


2008 Comparison by School: Grade 7 Math



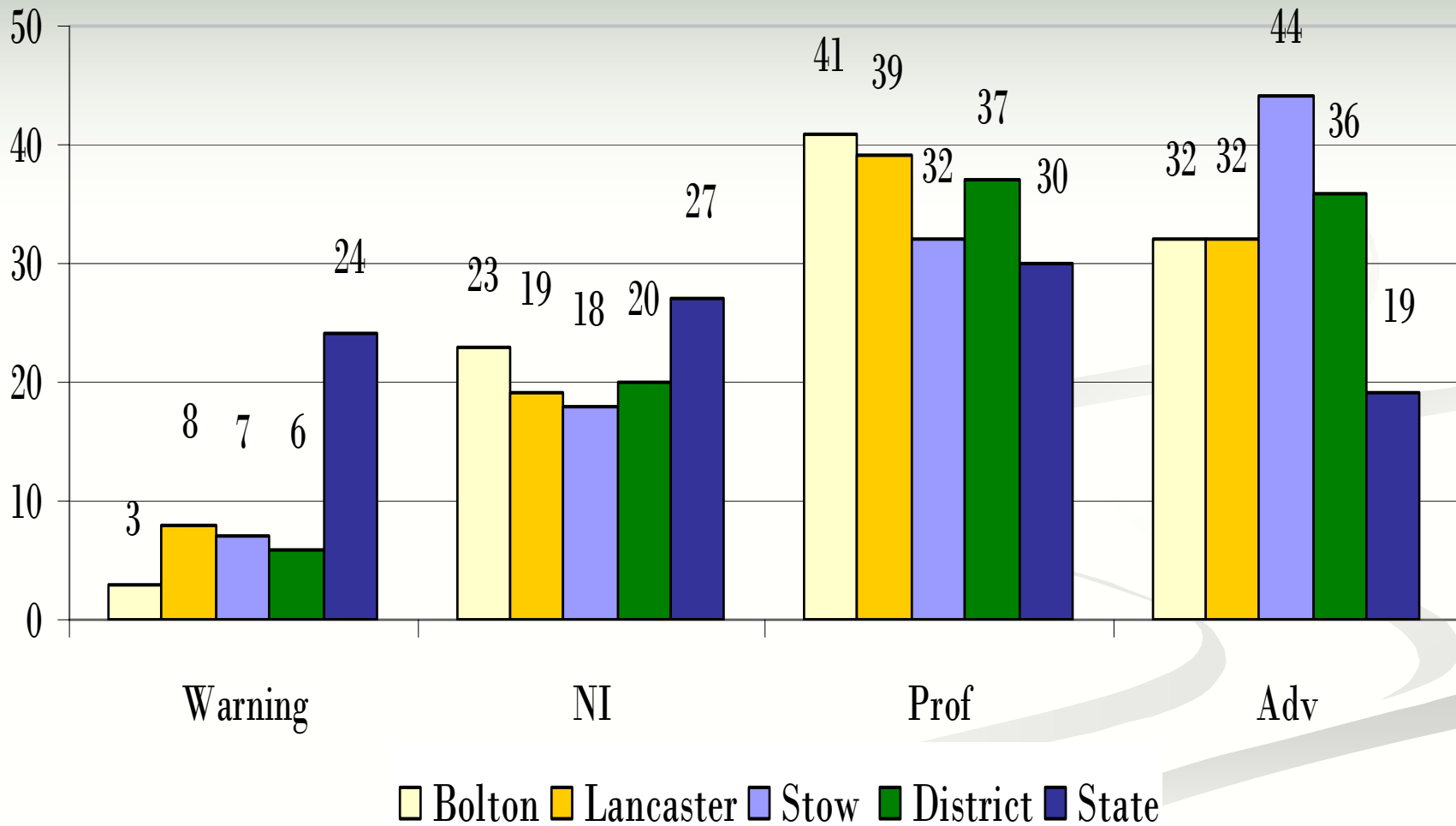


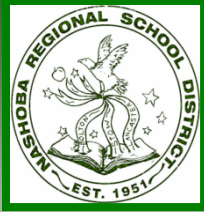
2008 Comparison by School: Grade 8 ELA





2008 Comparison by School: Grade 8 Math





2008 Comparison by School: Grade 8 STE

