

# BRICK TOWNSHIP PUBLIC SCHOOLS

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## NJ State Testing 2009-2010

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NJ Assessment of Skills and Knowledge Grades 3-8 (NJASK)  
High School Proficiency Assessment Grade 11 (HSPA)  
Scholastic Aptitude Test (SAT)

Presented to the Brick Board of  
Education on October 28, 2010

Mr. Walter Hrycenko  
Superintendent

# General – Overview

## NJASK, HSPA and SAT

- Measure and promote student achievement of challenging curriculum standards
- Provide accurate and meaningful information about student performance
- Meet staff and federal accountability requirements
- SAT is a proven indicator of college readiness and a valuable tool in connecting students to college success and opportunity

# NJ State Benchmarks Adequate Yearly Progress (AYP)



Data reported in percent

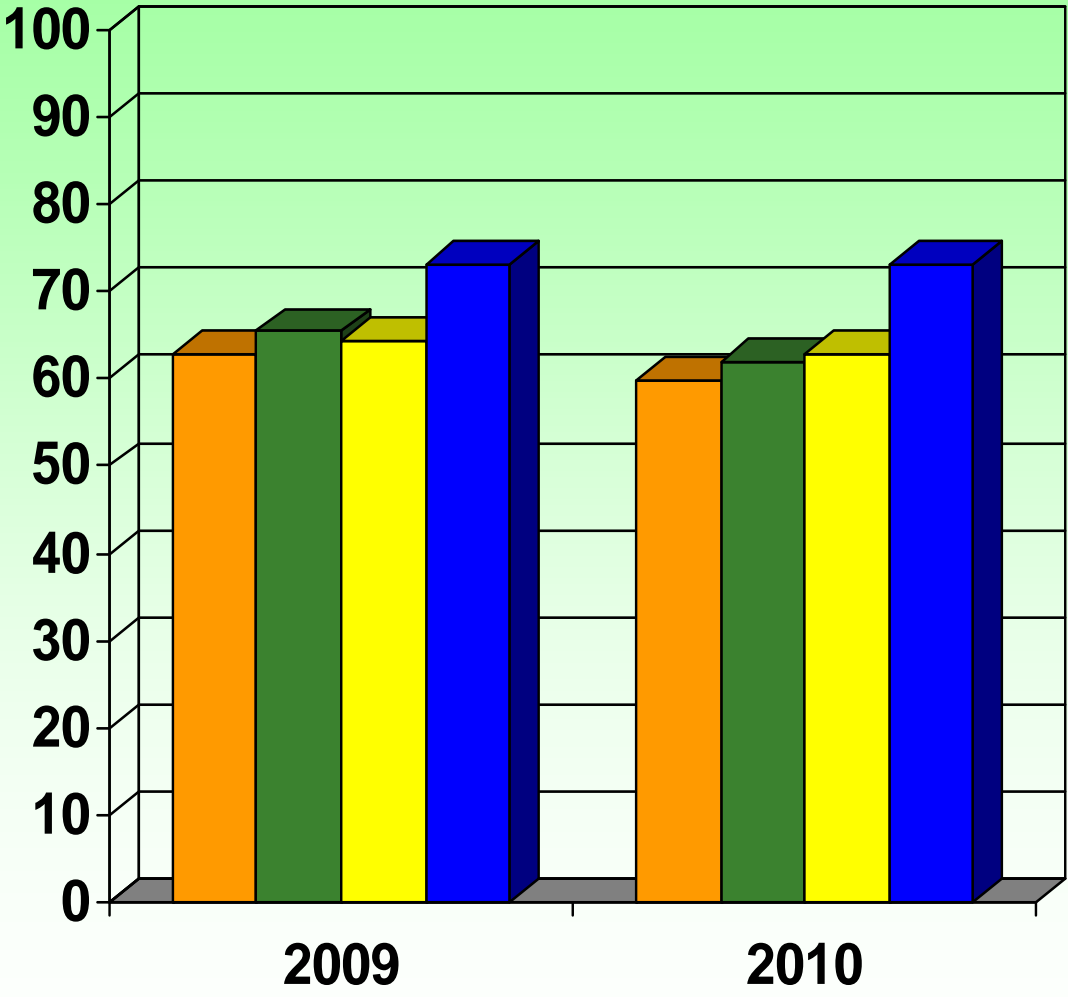
Content Area	Test	Starting Point 2003	2005-2007	2008-2010	2011-2013	2013-2014
Language Arts Literacy	NJASK (3-5)	68	75	73	86	100
	NJASK (6-8)	58	66	72	86	100
	HSPA (11)	73	79	85	92	100
MATH	NJASK (3-5)	53	62	69	84	100
	NJASK (6-8)	39	49	61	80	100
	HSPA (11)	55	64	74	86	100

# District Factor Group

The Socioeconomic measure of districts

- Ranges
  - A=neediest
  - B, CD, DE, FG, GH, I, J, R(charter)
- Brick Township=DE
- Other districts that are DE include:
  - Jackson, Lacey, Lavallette, Plumsted, Seaside Park, Stafford, and Toms River

# Grades 3 Language Arts Literacy



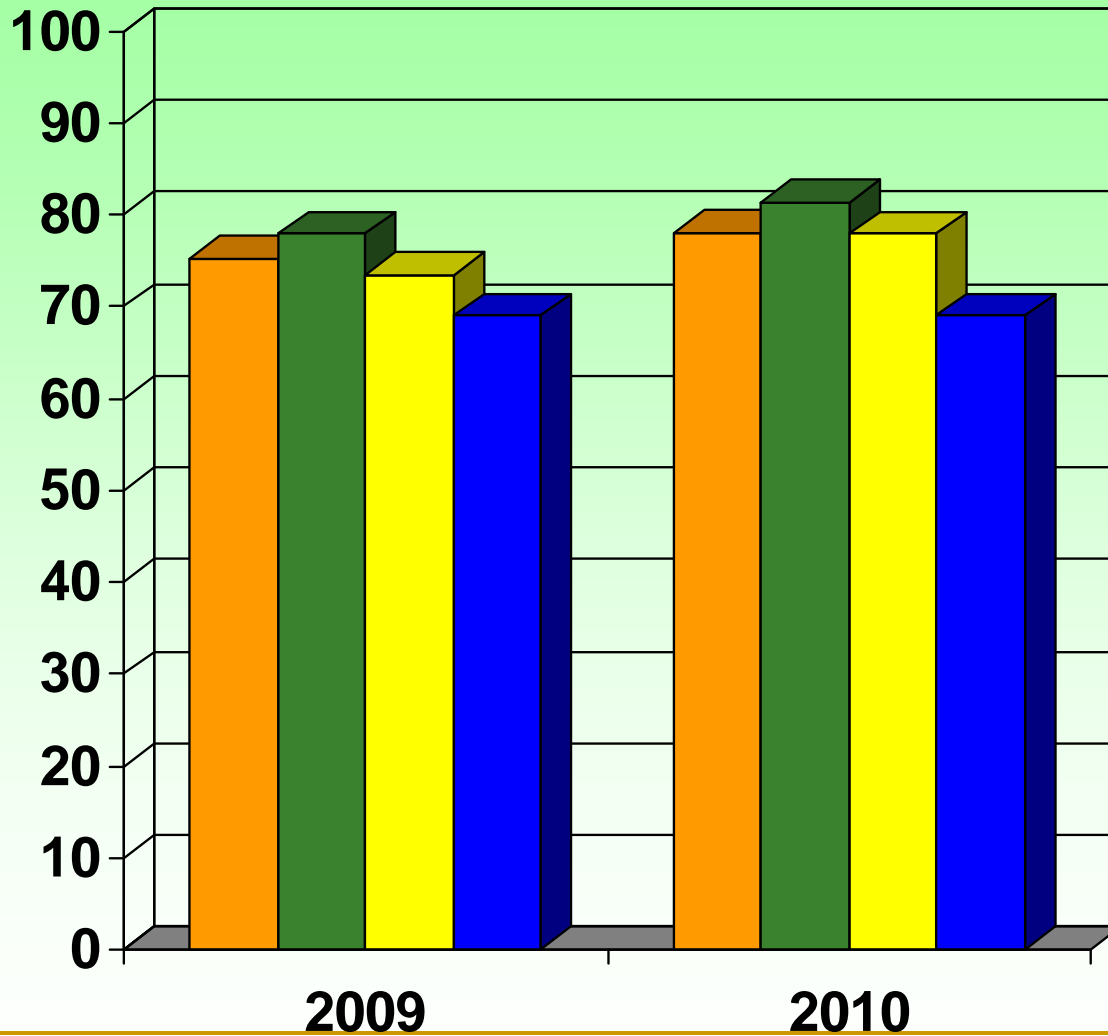
	2009	2010
State	62.7	59.7
DFG	65.4	62.0
District	64.3	62.7

Legend:

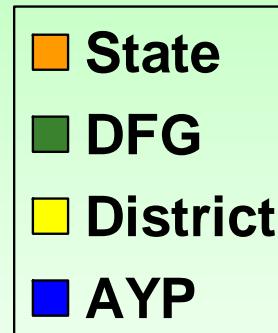
- State (orange)
- DFG (green)
- District (yellow)
- AYP (blue)

2010 AYP=73%

# Grades 3 Mathematics

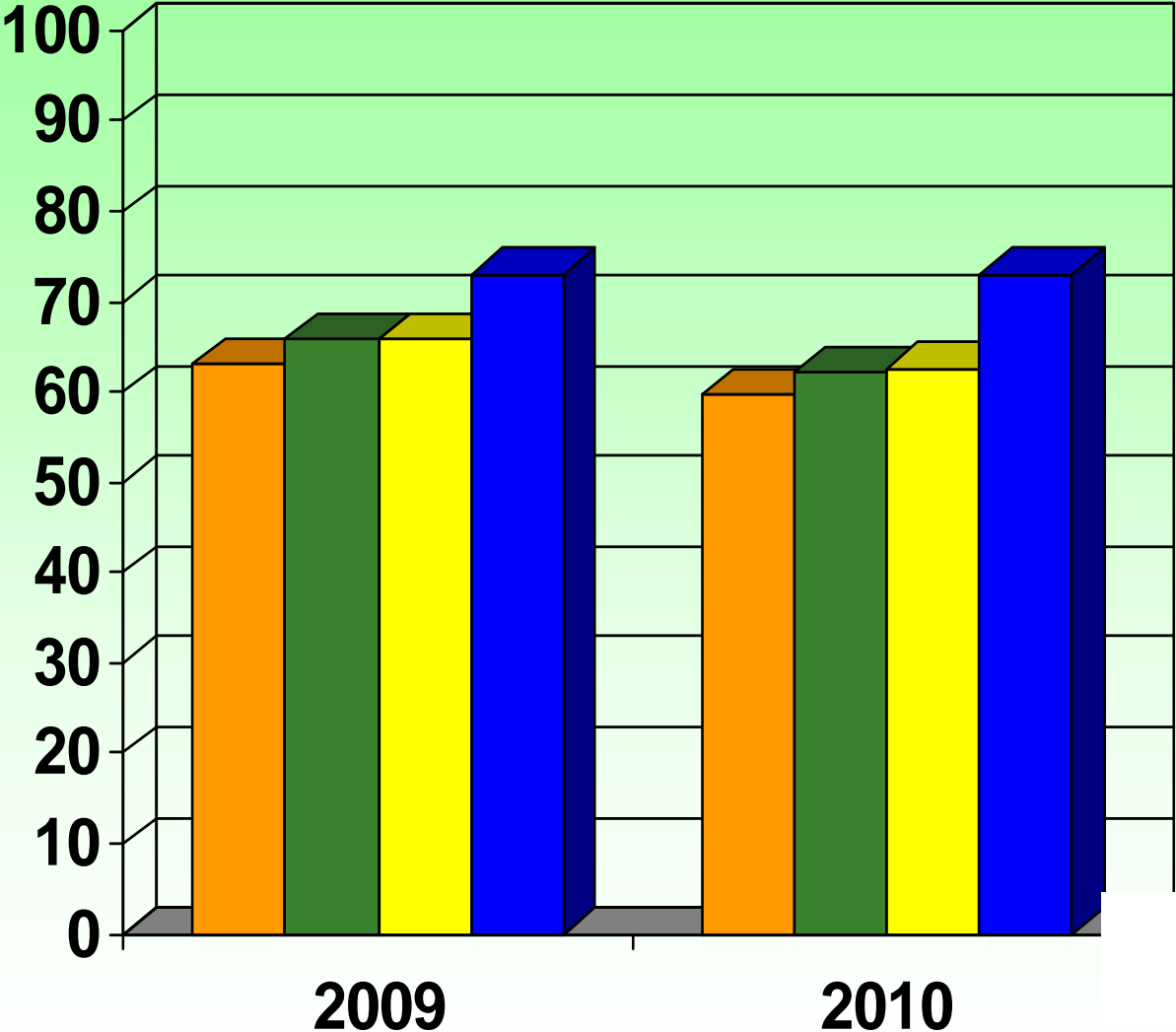


	2009	2010
State	75.2	78.1
DFG	77.9	81.4
District	73.5	77.9



2010 AYP=69%

# Grades 4 Language Arts Literacy

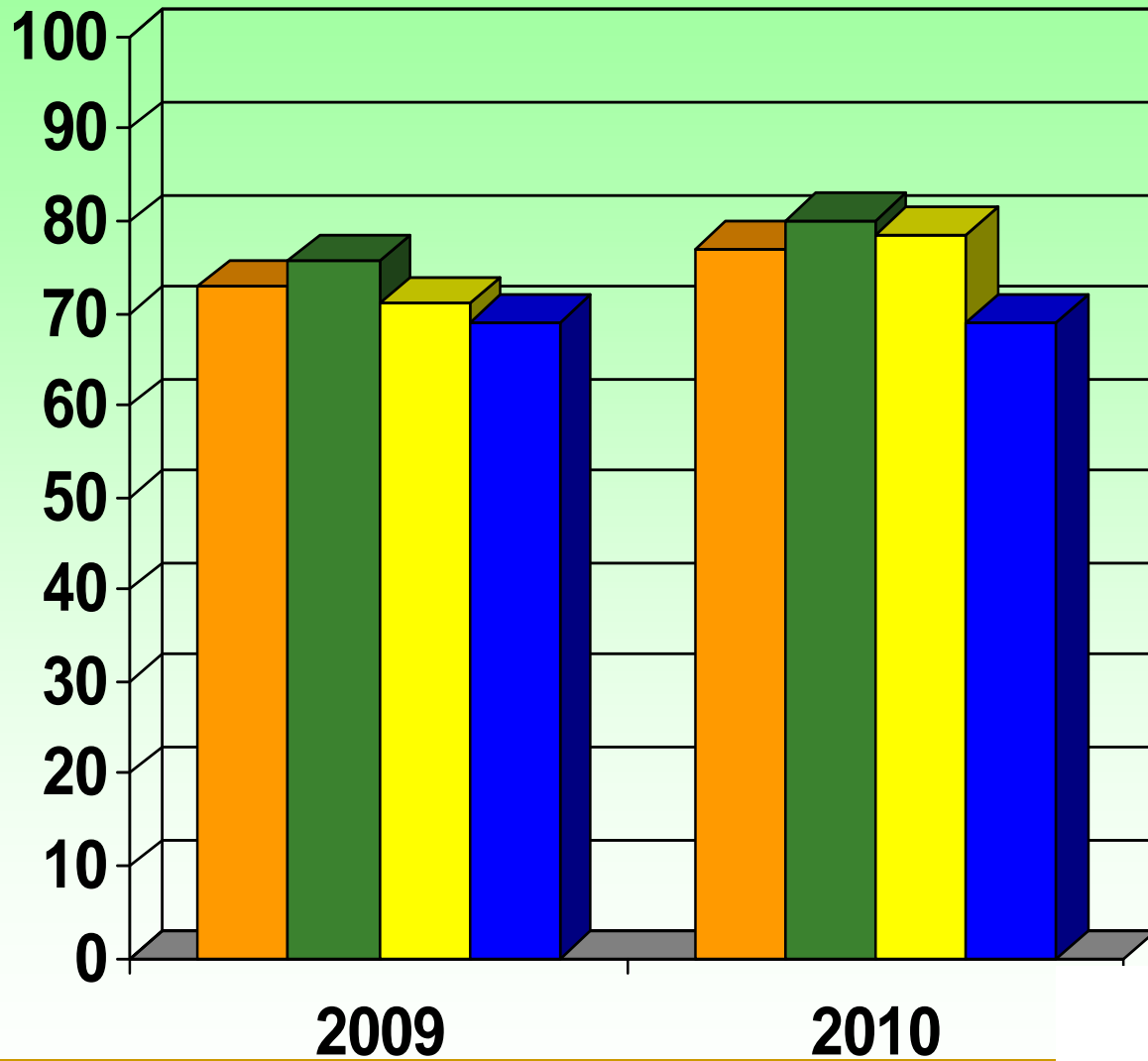


	2009	2010
State	63.0	59.6
DFG	65.9	62.2
District	65.8	62.6

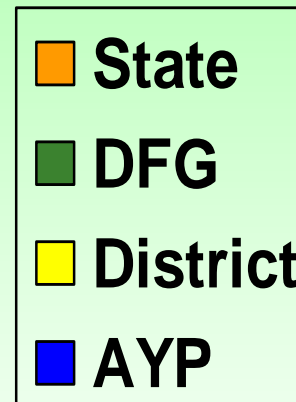
**State**  
**DFG**  
**District**  
**AYP**

2010 AYP=73%

# Grades 4 Mathematics

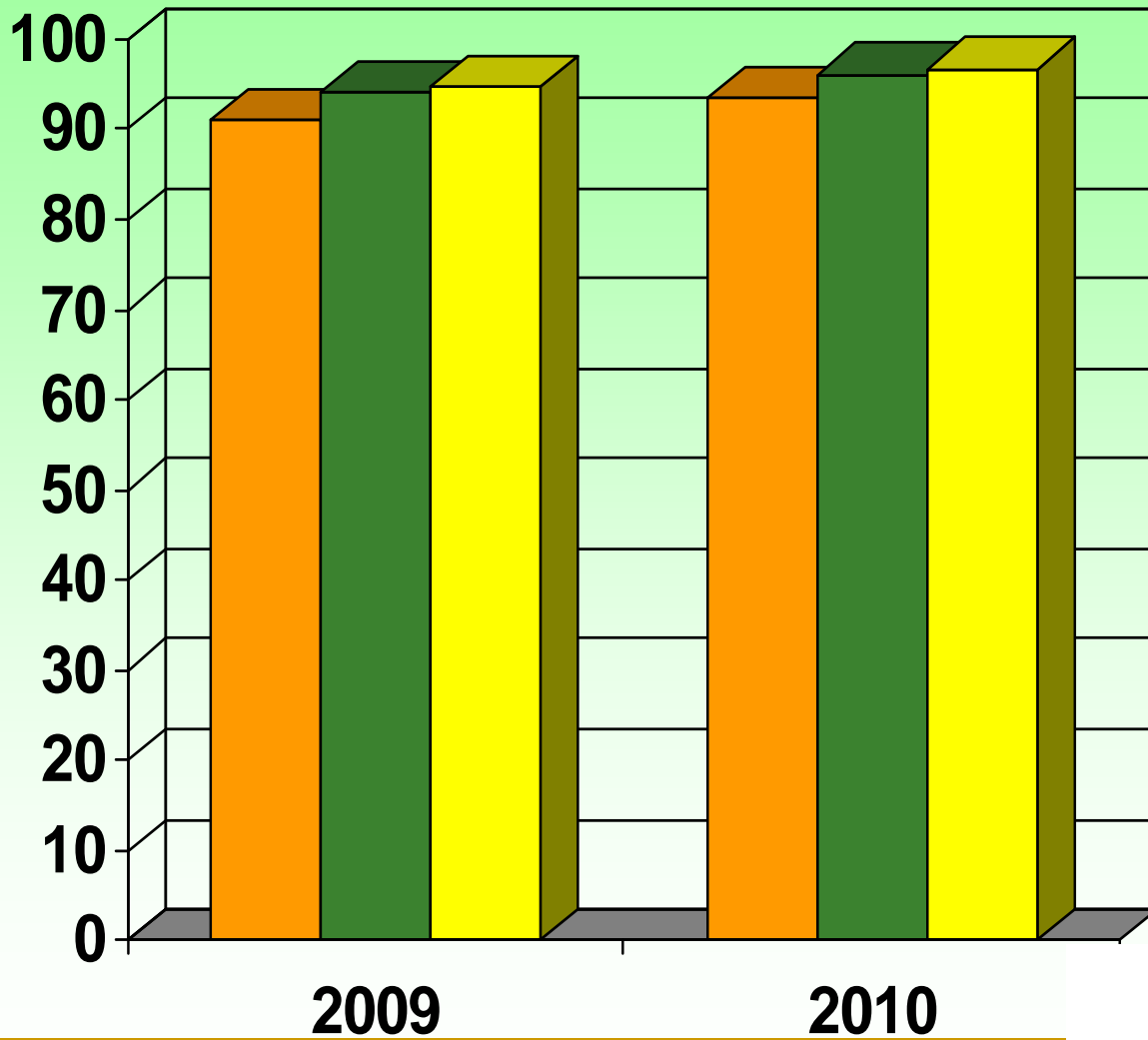


	2009	2010
State	72.9	77.0
DFG	75.7	80.1
District	71.0	78.6

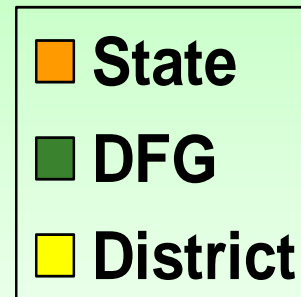


2010 AYP=69%

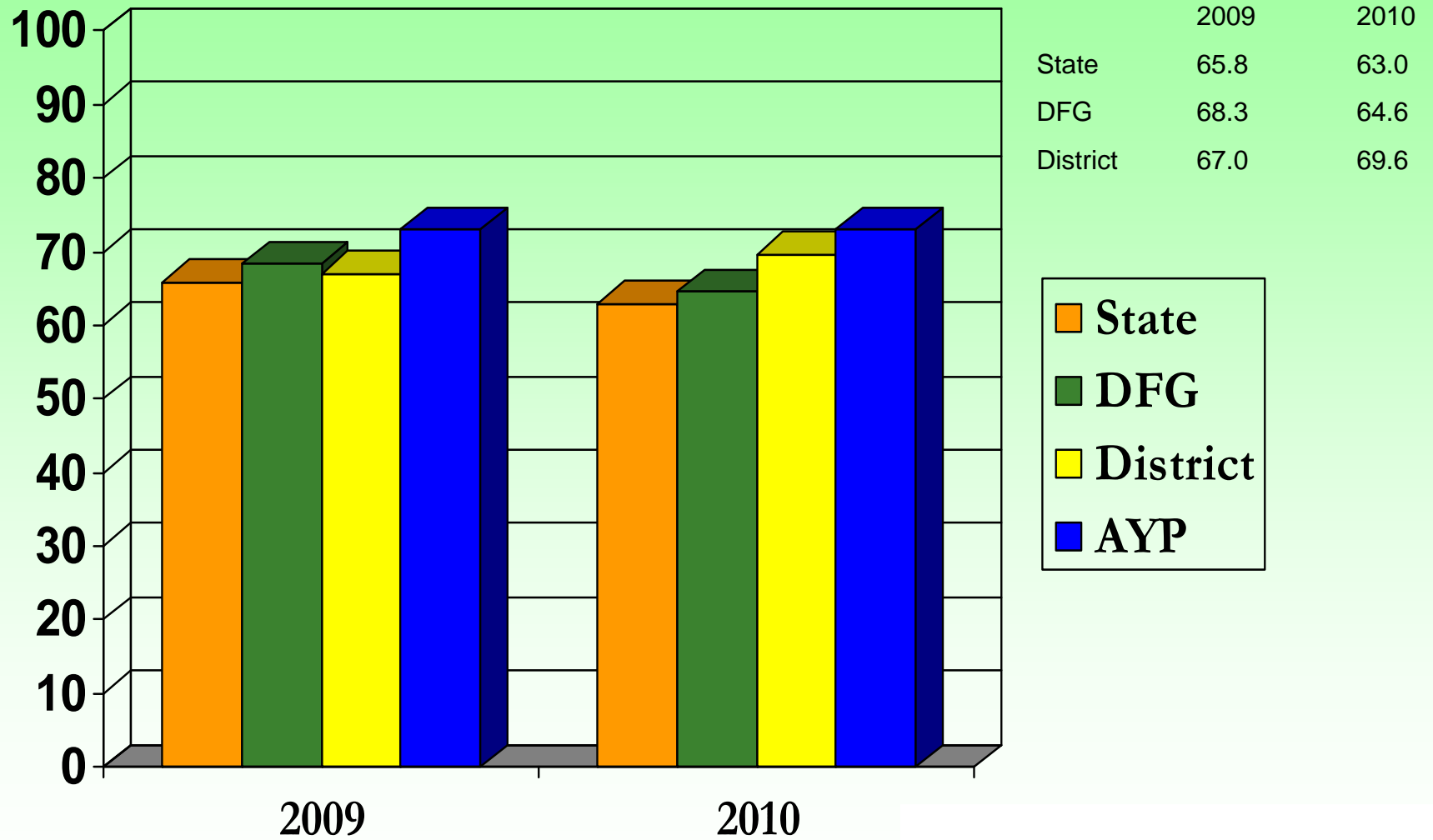
# Grades 4 Science



	2009	2010
State	91.0	93.4
DFG	94.0	96.1
District	94.6	96.7

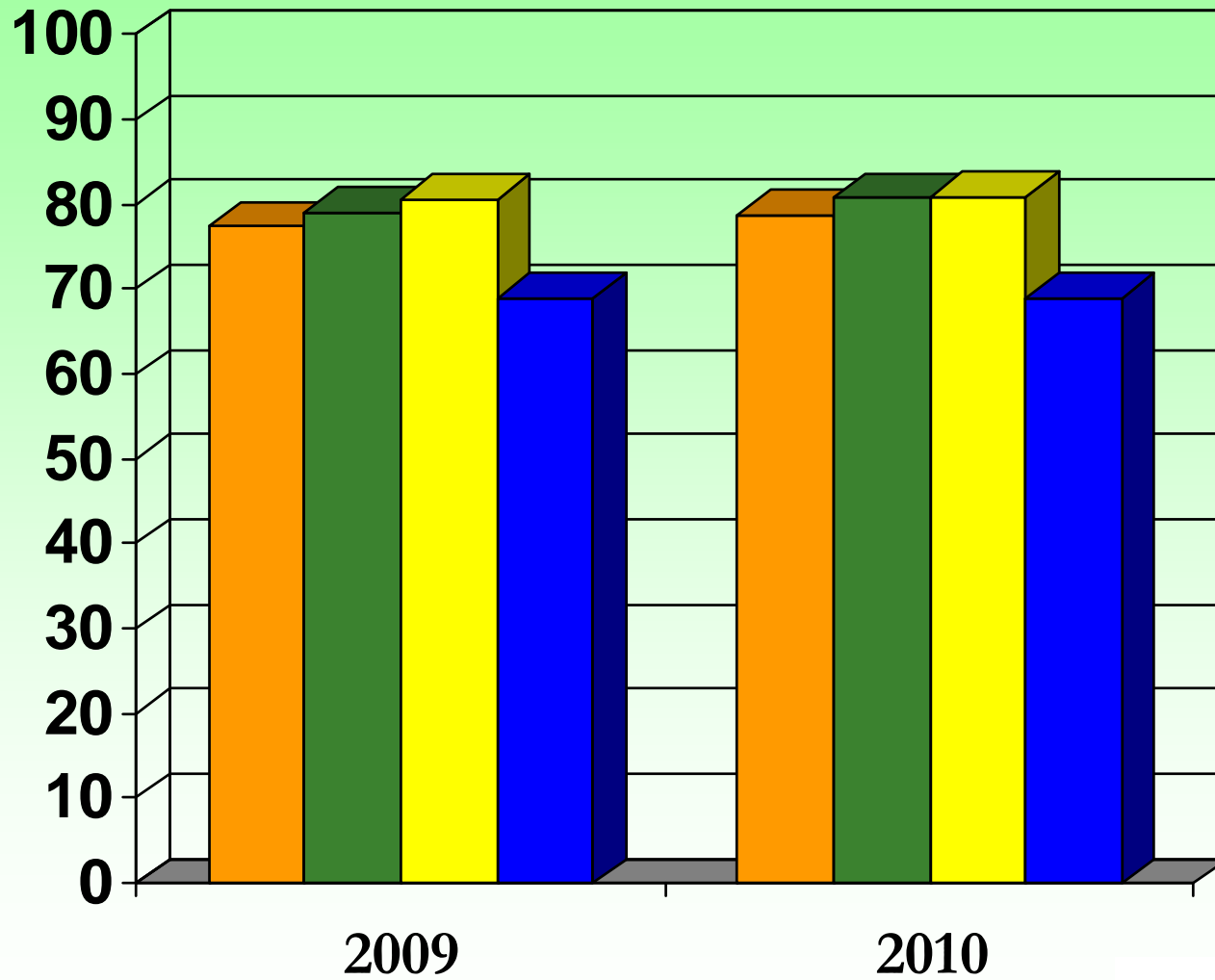


# Grade 5 Language Arts Literacy

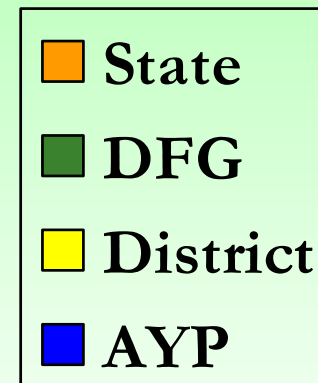


**2010 AYP=73%**

# Grade 5 Mathematics

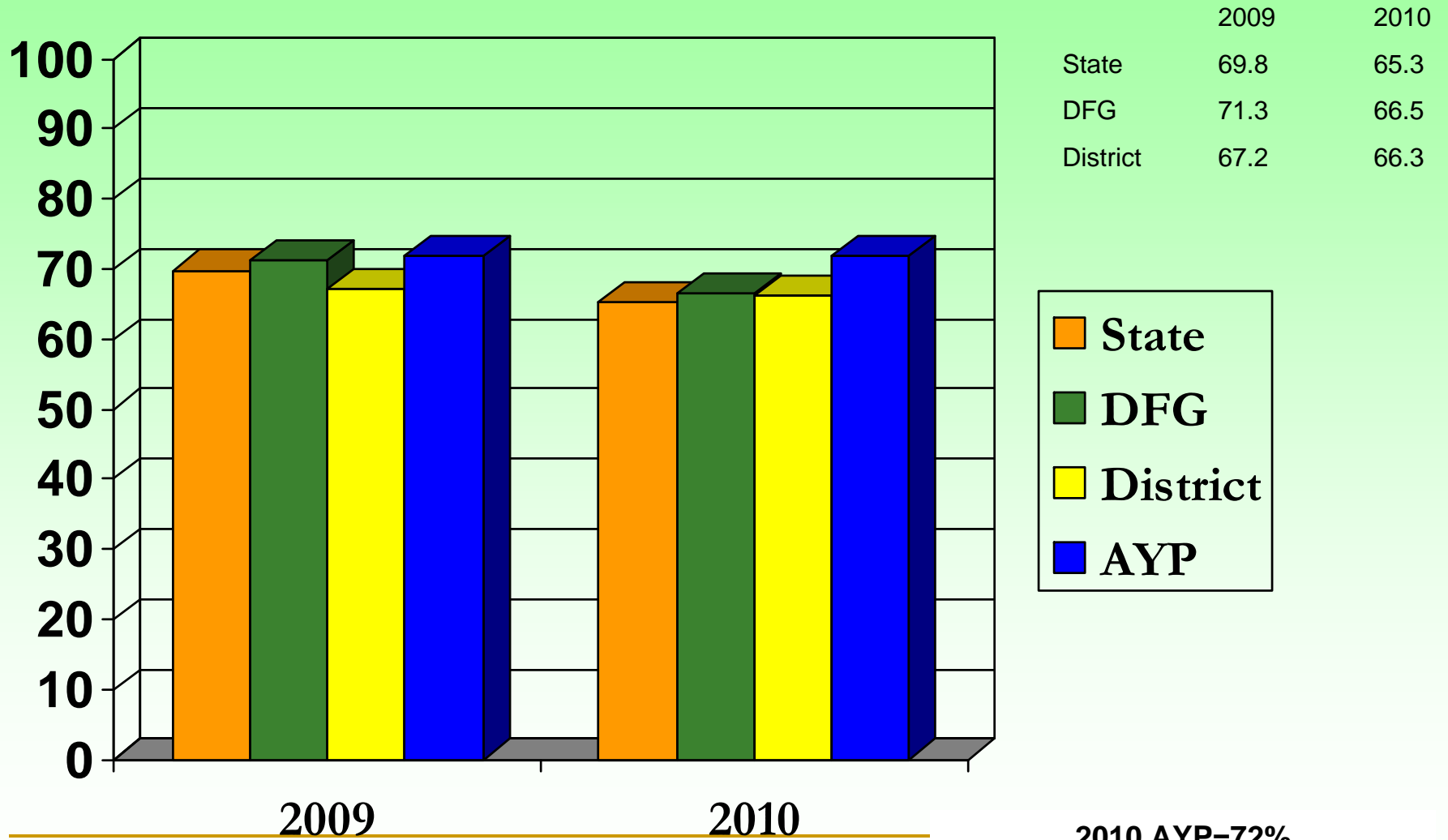


	2009	2010
State	77.4	78.8
DFG	79.1	80.8
District	80.7	80.9

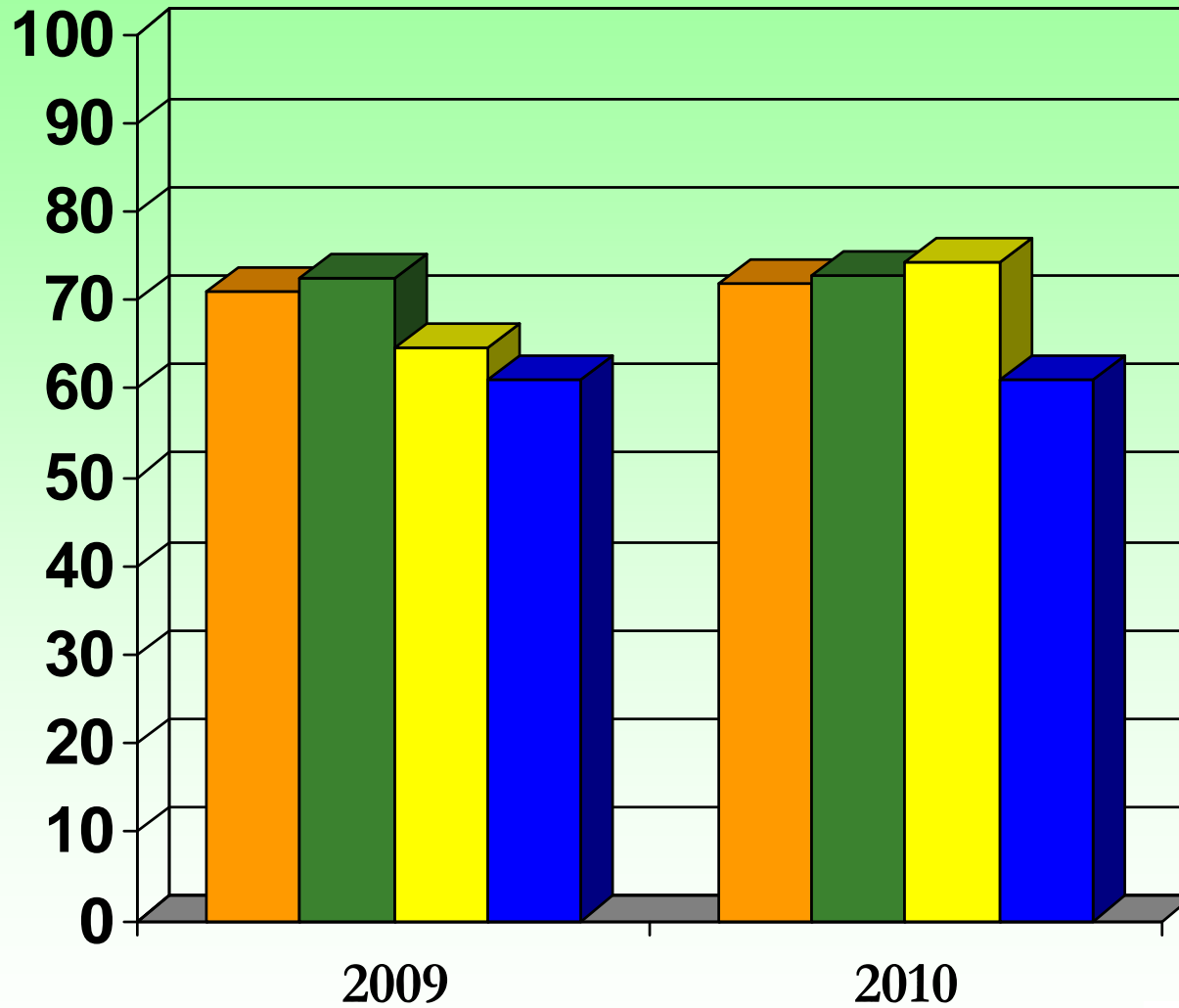


2010 AYP=69%

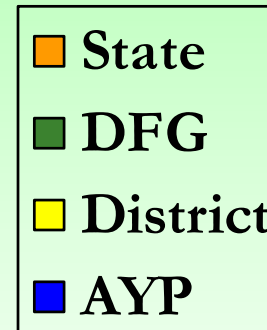
# Grade 6 Language Arts Literacy



# Grade 6 Mathematics

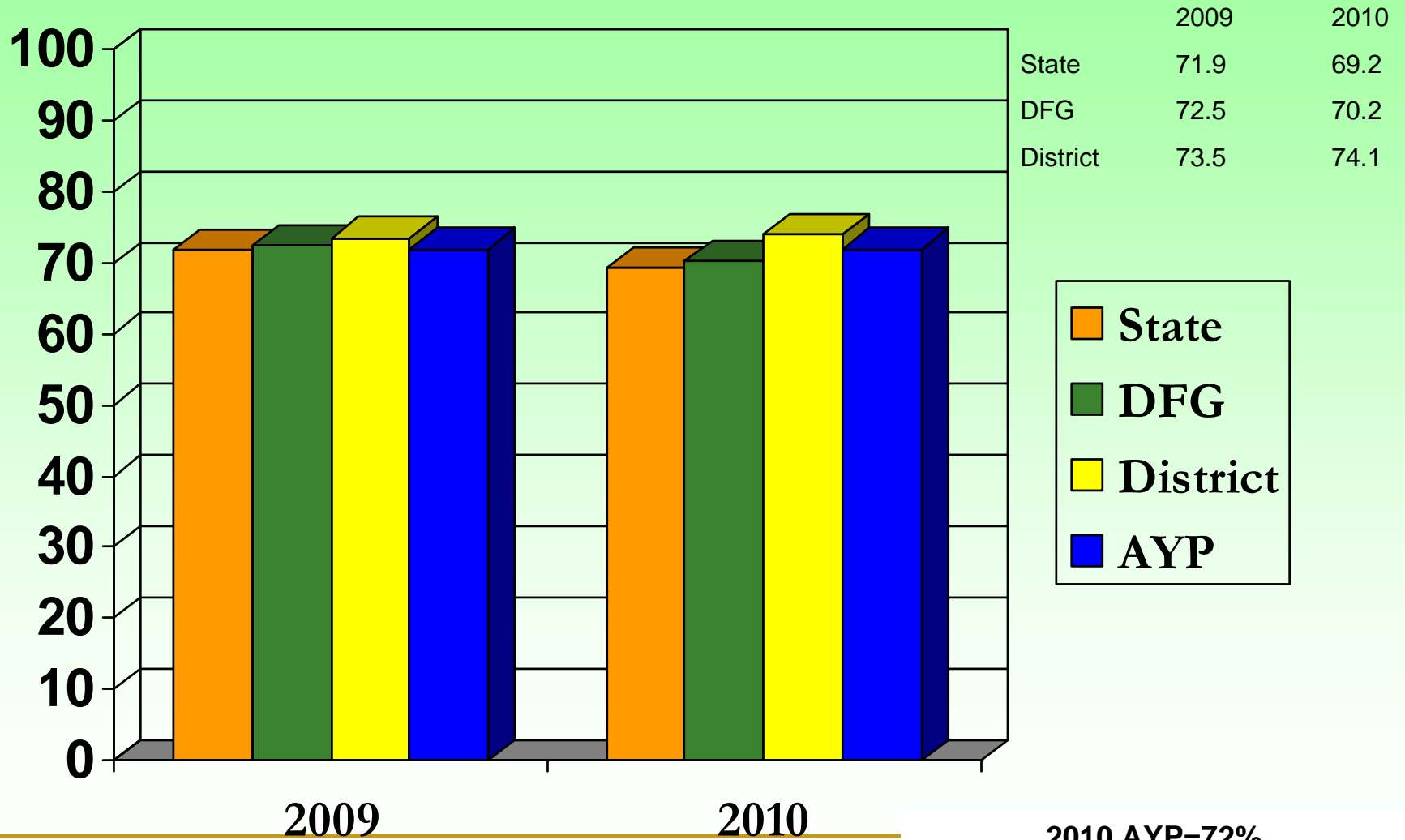


	2009	2010
State	70.9	71.8
DFG	72.5	72.8
District	64.7	74.3

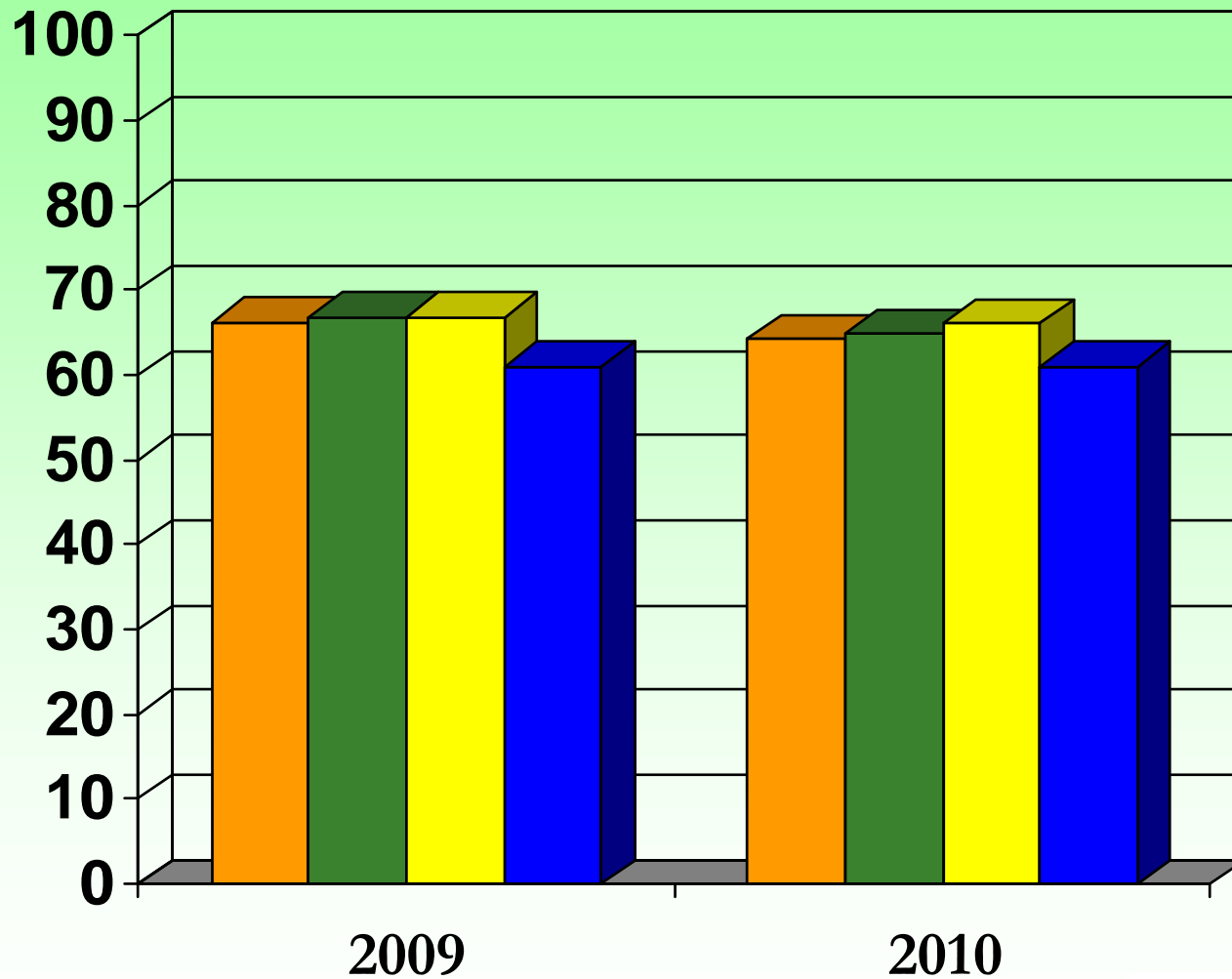


2010 AYP=61%

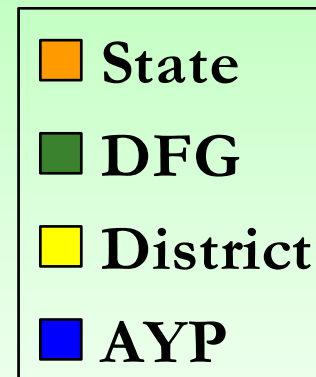
# Grade 7 Language Arts Literacy



# Grade 7 Mathematics

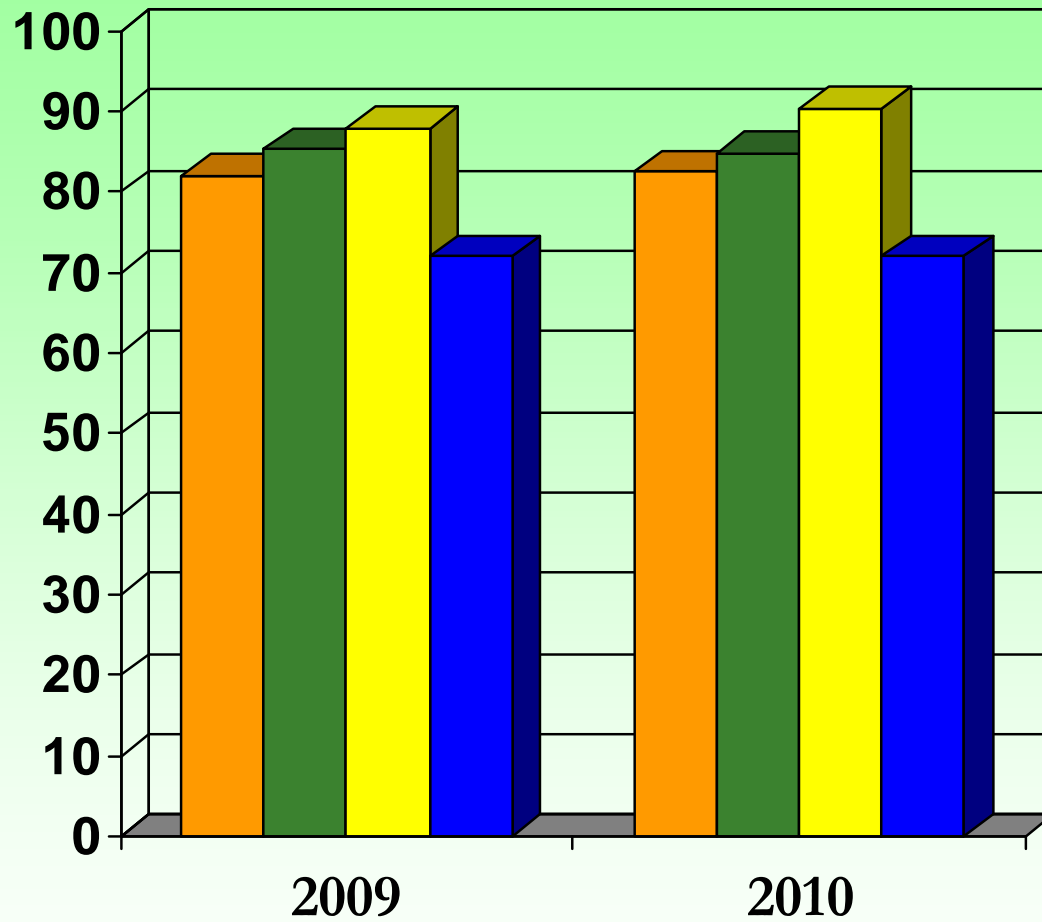


	2009	2010
State	66.3	64.3
DFG	66.8	64.9
District	66.9	66.1

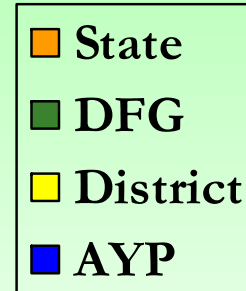


2010 AYP=61%

# Grade 8 Language Arts Literacy

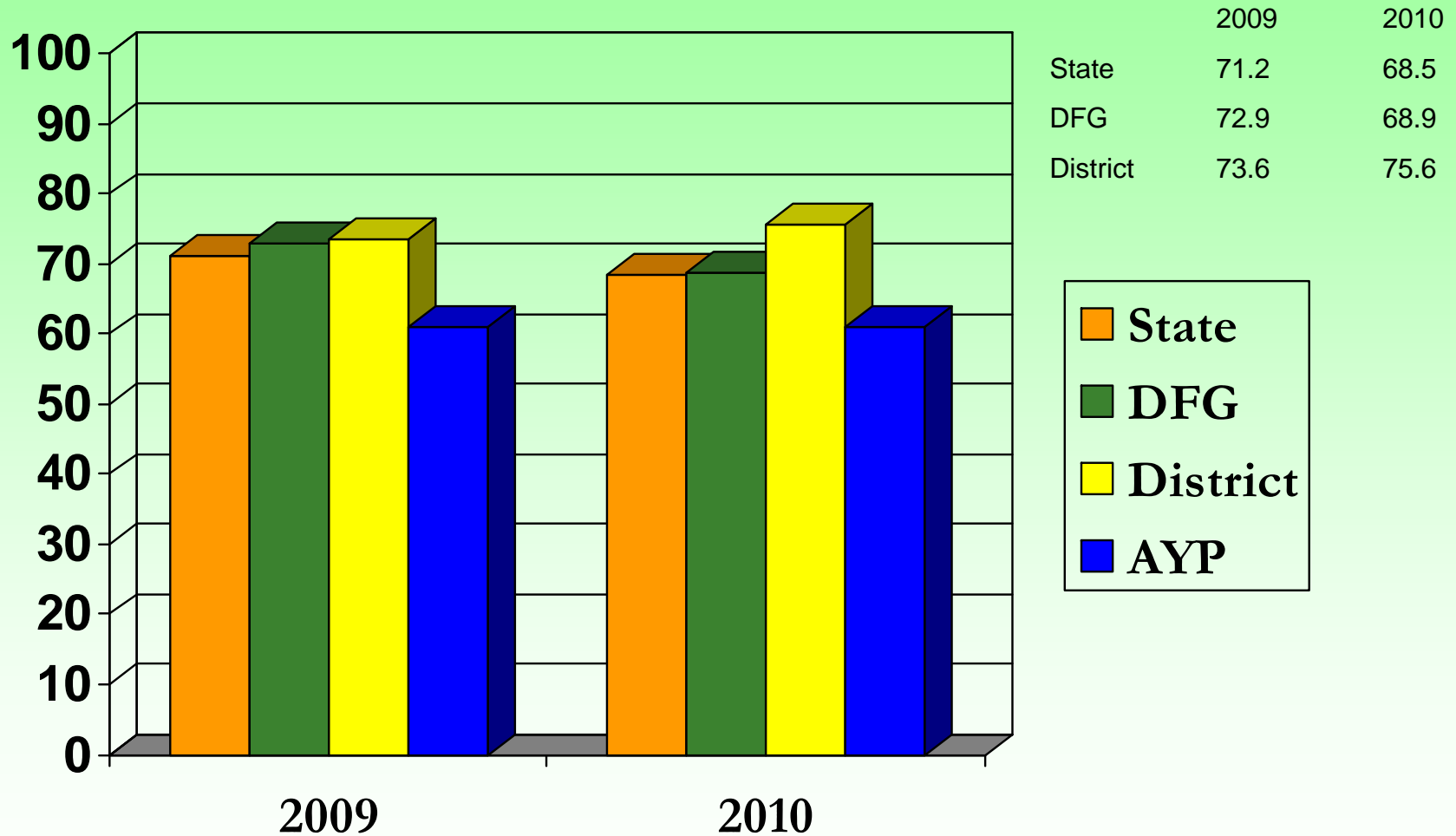


	2009	2010
State	82.0	82.5
DFG	85.2	84.8
District	87.9	90.4



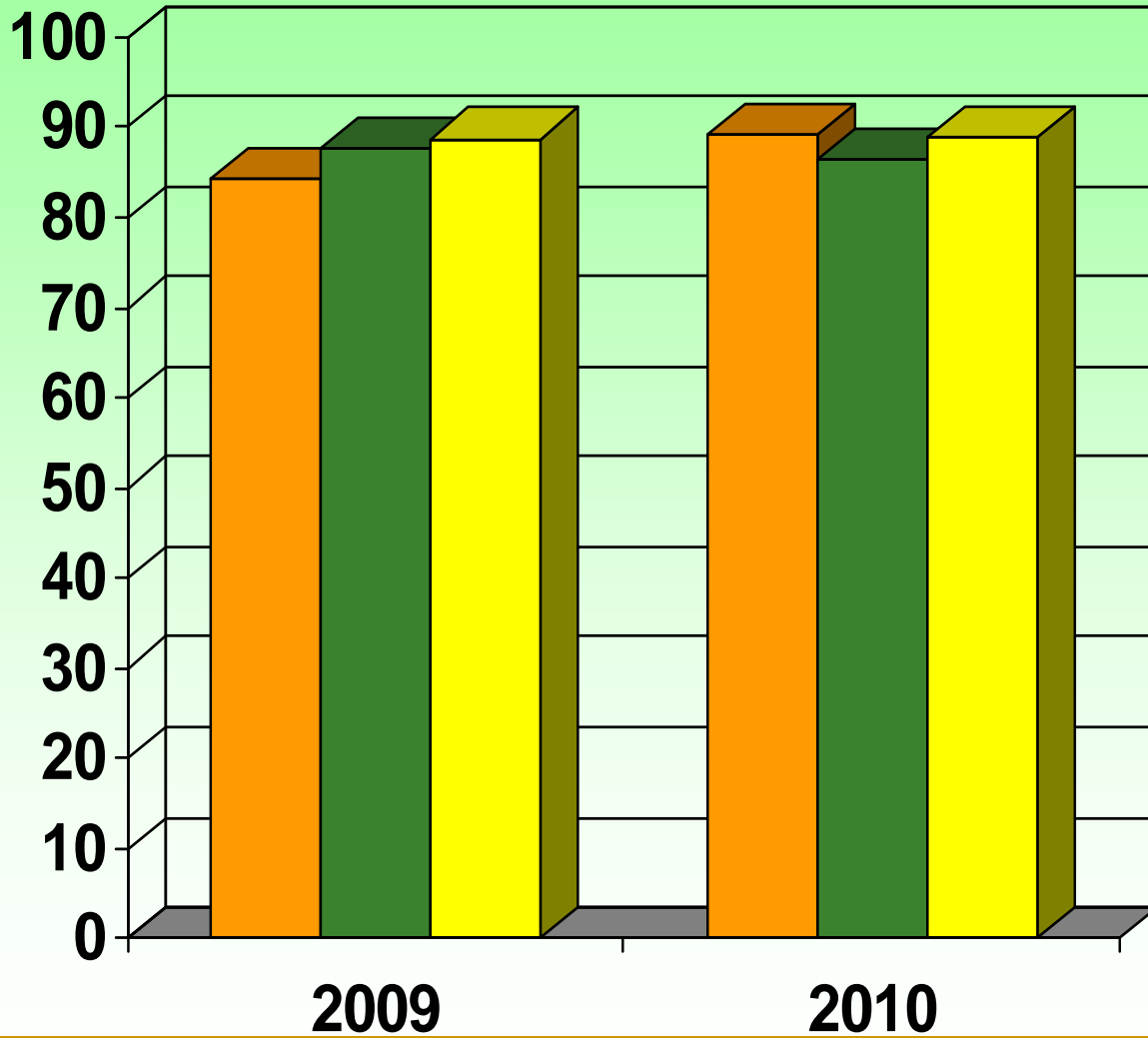
**2010 AYP=72%**

# Grade 8 Mathematics

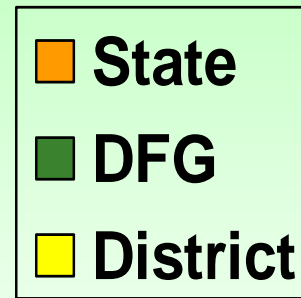


2010 AYP=61%

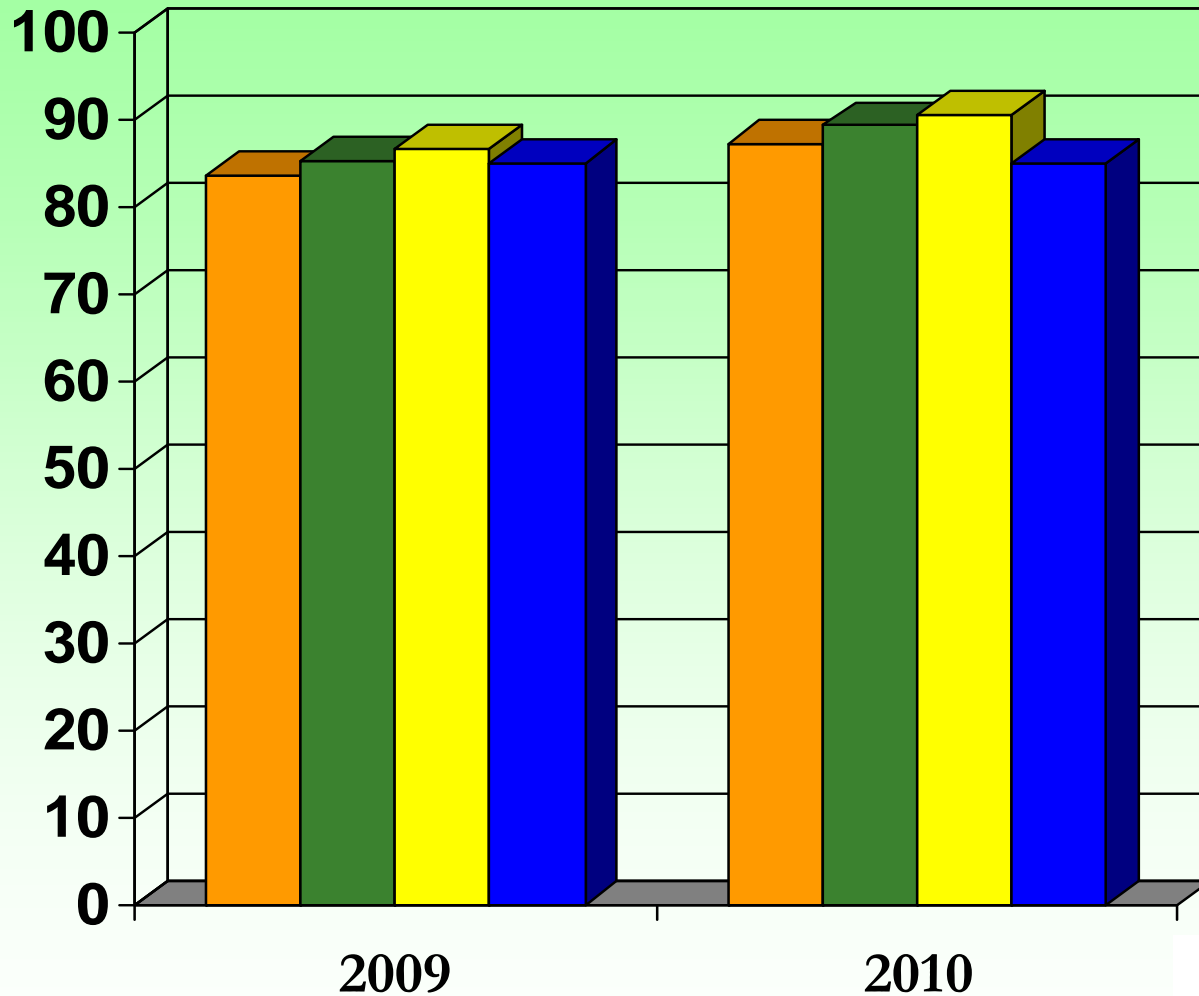
# Grade 8 Science



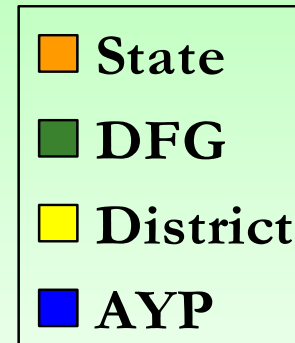
	2009	2010
State	84.2	89.2
DFG	87.7	86.4
District	88.7	88.9



# First Time Grade 11 Language Arts Literacy

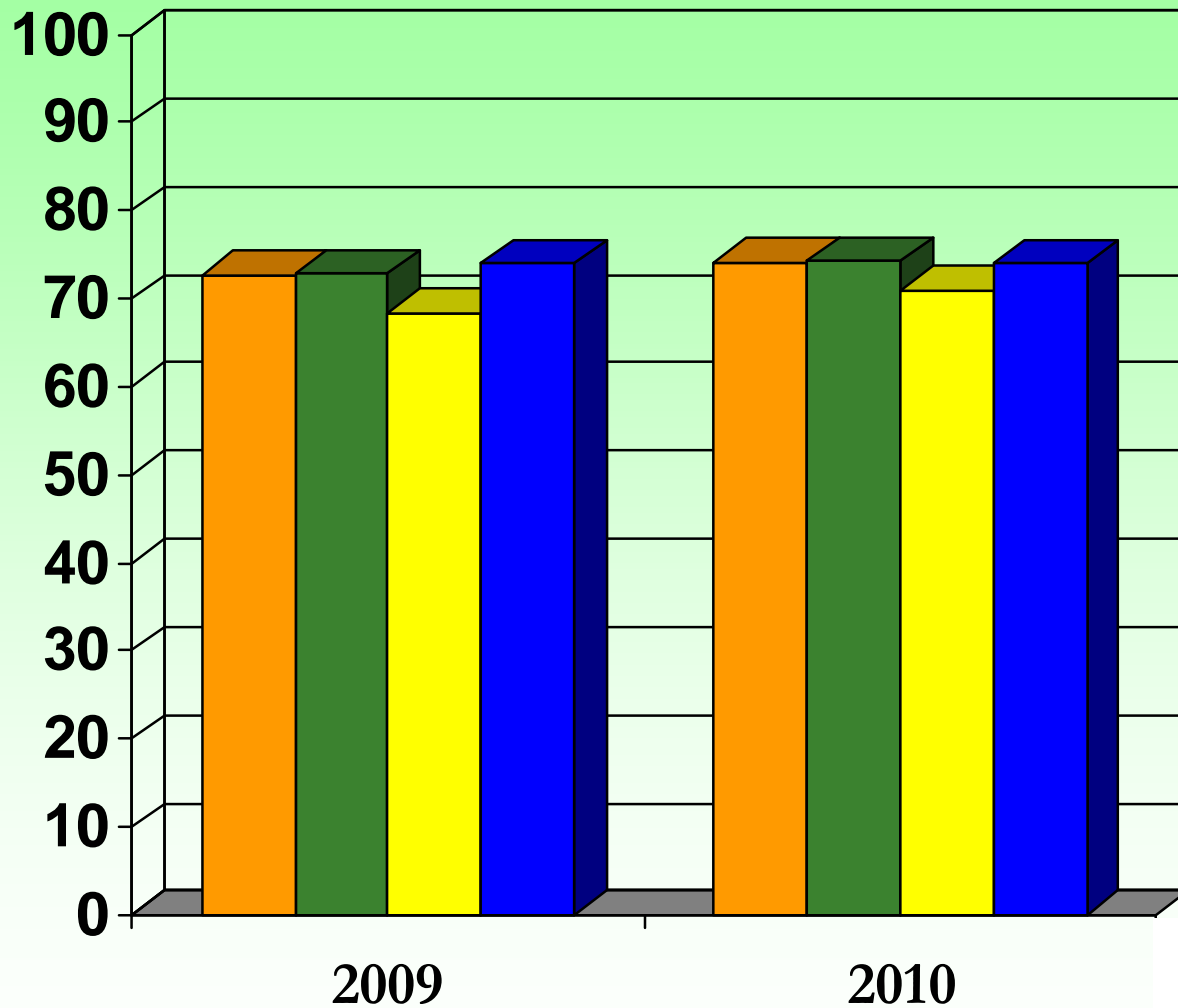


	2009	2010
State	83.6	87.1
DFG	85.3	89.3
District	86.7	90.6

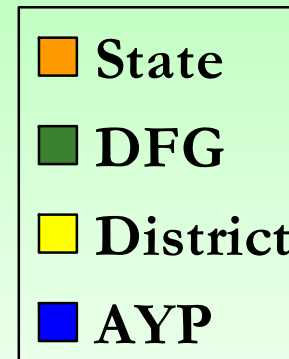


2010 AYP=85%

# First Time Grade 11 Mathematics



	2009	2010
State	72.7	74.1
DFG	72.8	74.2
District	68.4	70.9



2010 AYP=74%

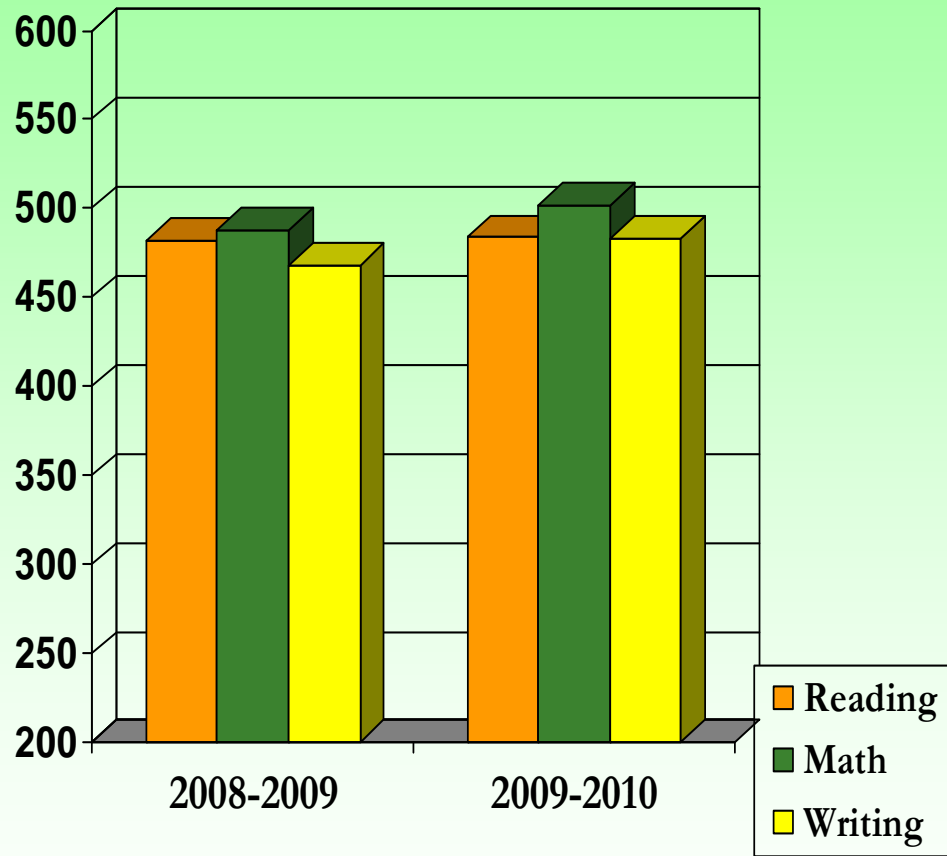
# SAT 2010

School	Year	Seniors	Critical			Total
		taking test	Reading	Math	Writing	Score
BTHS	2009-2010	178	484	502	483	1469
	2008-2009	212	482	488	468	1438
	2007-2008	227	468	488	465	1421
	2006-2007	259	492	480	475	1447

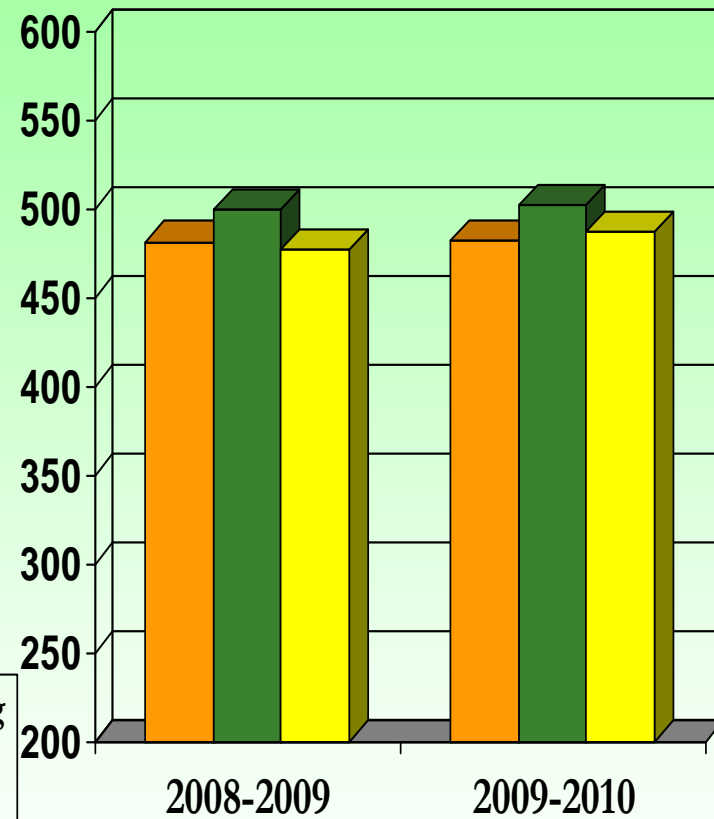
BMHS	2009-2010	260	482	502	487	1471
	2008-2009	240	481	499	477	1457
	2007-2008	292	483	500	475	1458
	2006-2007	345	496	477	473	1446

# SAT

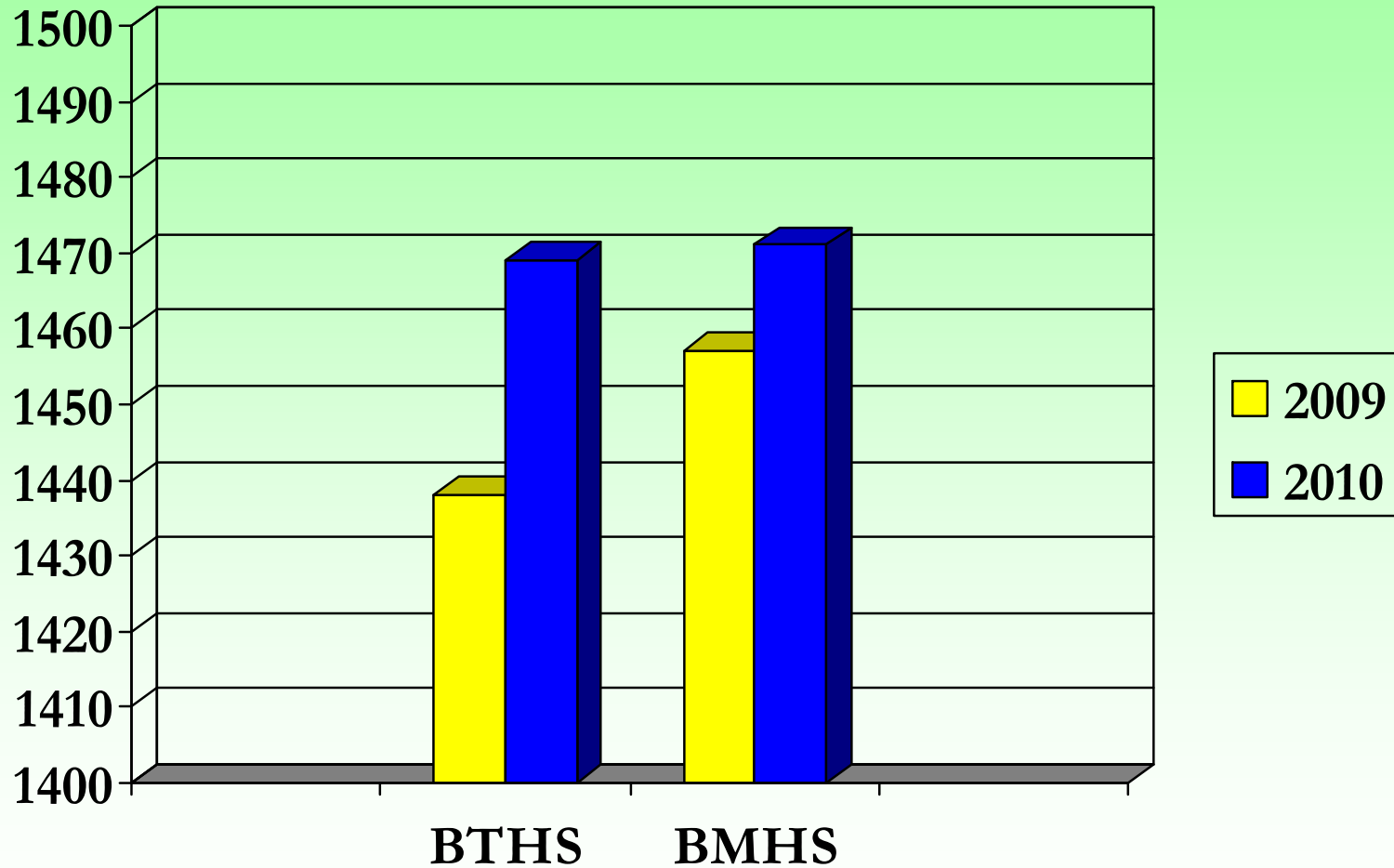
## BTHS



## BMHS



# SAT Total Score



# Action Plan for Literacy-Elementary

## ■ Fall '10

- Analysis of Language Arts data identifying DISTRICT strengths and weaknesses at building and district levels
- Design lessons and activities to address the weaknesses in reading and writing using StoryTown and Framing Your Thoughts
- Assessments and writing prompts designed to “mirror” NJ ASK questions
- Identify Tier III students and begin additional intensive instruction in areas of weakness, 6-8 week intervals
- Addition of a special education coach to insure that professional development is sustained through modeling

## ■ Winter '10

- Parent meetings to showcase NJ ASK expectations

## ■ Fall '10 – Spring '11

- Coaches are modeling effective teaching strategies in classrooms
- Additional professional development in the components of Project Read
- Meetings with teachers to discuss ongoing assessments and instructional strategies in areas of weaknesses.

# Action Plan for Mathematics - Elementary

- **By September 1**
  - **100% of staff members using EDM were trained**
  - **Everyday Math was implemented K-5**
- **10-11 School Year**
  - **Sept/Oct**
    - **Building-based meetings by grade level to support EDM implementation**
    - **District Grade Level Meetings - Analysis of District Math Data and creation of an Action Plan**
    - **District Professional Day – EDM Technology and Assessment Training**
      - **Special Education staff will concentrate on modifications and adaptations to differentiate instruction**
      - **Focus on enrichment components**
    - **Beginning of Parent Universities**
  - **Oct-January**
    - **Building based meetings by grade level to review curriculum and assessment**
    - **In-class support for staff by the District Math Coach**
  - **Jan/March**
    - **Professional Day to address Differentiated Instruction**
      - **Readiness, Enrichment, ELL Support**

# Action Plan for Literacy-Middle School

## Fall '10

- NJ ASK data analysis completed in each literacy component to identify students' strengths and weaknesses.
- Formative benchmark assessments using Study Island and Learnia were done to determine individual learning plans. Formative Assessments developed to "mirror" NJ ASK questions.
- The State Unified Plans were submitted to the NJDOE Office of Achievement and Accountability for both LRMS and VMMS.
- District curriculum and resources are being reviewed and assessed.
- A SINI supervisor was appointed to support and provide professional development for all staff.

## On-going

- District grade level/department meetings and professional development.
- Parent/Community Outreach Programs
- Content Coaches continue to provide instructional strategies to staff
- Implementation of strategies for the Targeted Assistance Programs and subgroup populations

# Action Plan for Mathematics-Middle School

## Fall '10

- NJ ASK data analysis completed in both content areas to identify strengths and weaknesses
- Formative Assessments developed to “mirror” NJ ASK questions
- Development and submission of Unified Action Plans

## Ongoing-2010-2011

- Staff professional development given to reflect best practices and lesson design
- Parent/Community outreach programs formed
- Exploring new research-based materials that are aligned with current research and standards
- Content Coaches provide instructional strategies to staff to increase student achievement
- Involvement of Unified Plan Stakeholders
- Middle School collaboration to address District achievement goals
- Implementation of strategies for the Targeted Assistance Programs and subgroup populations
- Study Island used as a skill-based supplemental tool.

## 2011-2012

- Pilot various math programs
- Evaluate pilot programs prior to adoption

# Action Plan for Literacy-High School

- **Spring '10**
  - Analyze HSPA results
  - Organize summer workshops to address HSPA
- **Summer '10**
  - Design activities and lessons to improve reading and writing deficiencies
- **Fall '10**
  - Pretest students
  - Create quizzes, tests, and exams reflecting HSPA-type questions
  - Offer weekly after-school assistance
  - Addition of a special education coach to sustain professional development through modeling
- **Winter '11**
  - Sponsor after-school Super-Start HSPA Sessions and HSPA Night
  - Posttest students and refocus on weaknesses
- **Spring '11**
  - Review students' portfolios, analyze post test results, and recommend remediation if needed.

# Action Plan for Mathematics-High School

- **Spring '10**
  - **HSPA Committee formed**
  - **Data analysis of HSPA results**
  - **Action plan submitted**
- **Summer '10**
  - **Warm-up packets**
  - **Staff development**
- **Fall '10**
  - **Formative assessments - direct HSPA questions, quizzes and tests**
  - **Content tests must contain HSPA style questions**
  - **Staff development**
- **Winter '11**
  - **Accelerated concentration on HSPA topics for second semester**
  - **After-school HSPA workshops during February**
  - **HSPA Night**
- **Spring '11**
  - **Test sophomores in March**