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# **Caldwell-West Caldwell 2012 State Test Results**

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Dr. James Heinegg  
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# Which of these is correct?

## Are the two views compatible?

- “Not everything that counts can be counted, and not everything that can be counted counts.”  
– Albert Einstein
  - “If you cannot measure it, you cannot improve it.”  
– Lord Kelvin
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# What kinds of qualities do we want to promote in our students?

creativity    self-discipline    leadership    empathy  
resilience    compassion    motivation    courage  
curiosity    critical thinking    reliability    honesty  
resourcefulness    endurance    civic-mindedness  
sense of beauty    sense of wonder    sense of humor

Source: National Academy of Education/G. Bracey, 2006

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# A Balanced Approach to State Testing

- Standardized tests can provide useful information about a student's strengths and areas in need of improvement.
- However, since test results are not perfect, they should always be considered along with other indicators of achievement such as:
  - classroom assessments,
  - benchmark assessments, e.g., DRA\*,
  - teacher/parent observations, and
  - report card grades, etc.

in order to get a more complete picture of a student's academic accomplishments.

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\* Developmental Reading Assessment

# Overview of State Tests

- Grade 3: Language Arts, Math
- Grade 4: Language Arts, Math, Science
- Grade 5: Language Arts, Math
- Grade 6: Language Arts, Math
- Grade 7: Language Arts, Math
- Grade 8: Language Arts, Math, Science
- NJ Biology Competency Test
- HSPA/AHSA\*: Language Arts, Math
- No End-of-Course Algebra I in 2013 or 2014

\*High School Proficiency Assessment/Alternative High School Assessment

# NCLB Waiver/New State Goals

- Adequate Yearly Progress toward 100% proficiency in 2014 no longer calculated;
- Statewide goal of 95% proficiency for all students/reduction of achievement gap over next five years; and
- Transition to PARCC\* (2012-13 9<sup>th</sup> Graders NOT scheduled to take HSPA in 2014-15)

\*Partnership for Assessment of Readiness for College and Careers

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# What Can I Learn from my Child's HSPA/NJ ASK Score Report?

- Proficiency Information (page 1);
  - Cluster Data (page 2);
  - Limited Diagnostic Data:  
“To help your child continue to develop and improve in mathematics, encourage your child to apply math concepts to daily activities.”
  - Caveats:
    - Reliability: .71 - .89
    - Psychometrician's Guideline:  
Focus on supporting standards and skill development of the individual child, relying on multiple assessments.
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# Class of 2013 HSPA Results

(Total students inclusive of Special Education)

Subject	Partial Proficient	Proficient	Advanced Proficient	Total
Language Arts	5.3	59.5	35.3 (+7.8*)	94.7 (+1*)
Math	10	52.1	37.9 (+5.8*)	90 (+3.4*)

\* Compared to Class of 2012 results

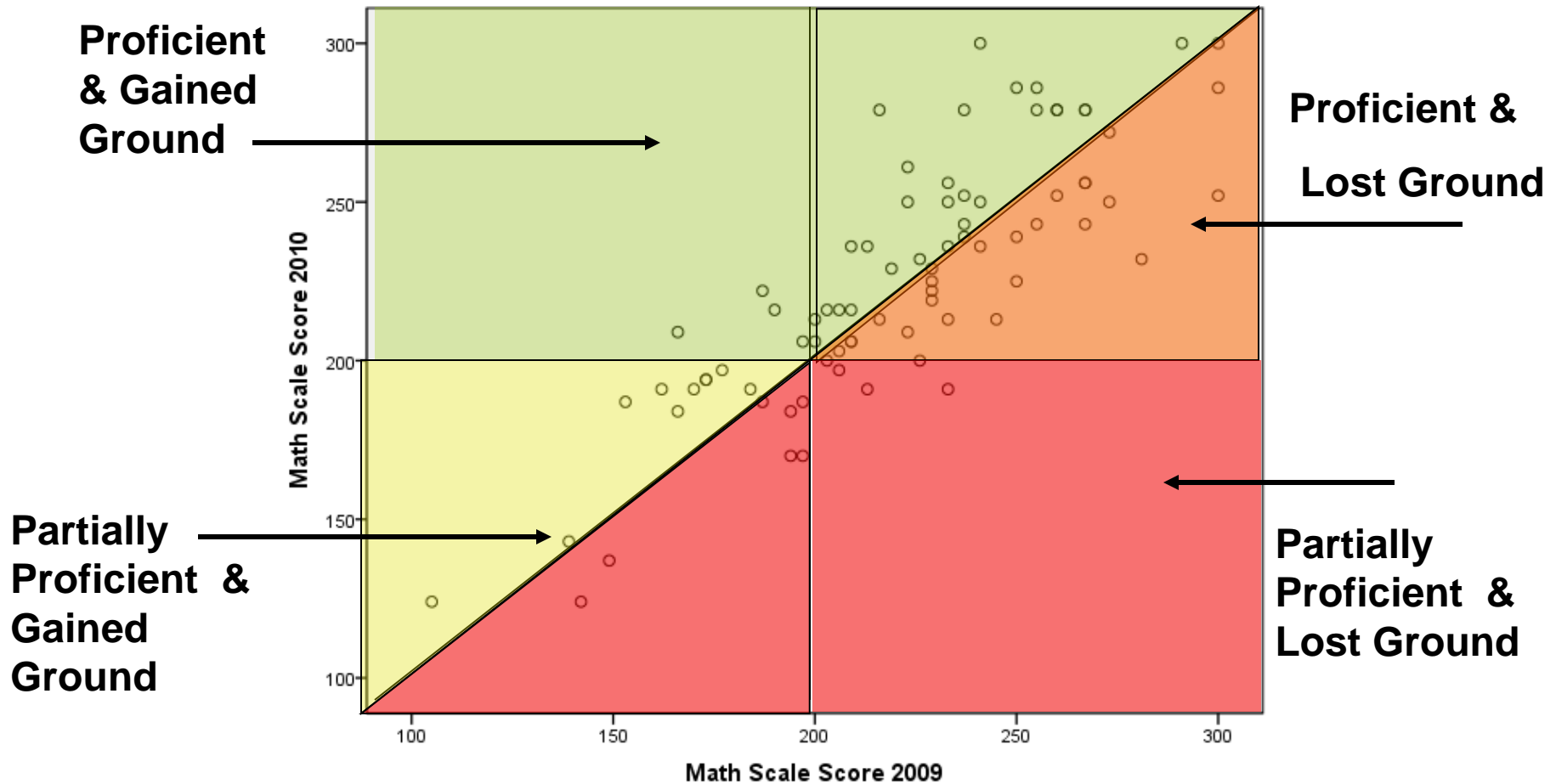


# NJ ASK 2012: How We Use The Data

- Compare the student's current performance to the previous year.
- Analyze results for sections within subject areas, e.g., Number and Numerical Operations, Geometry and Measurement, etc.
- Check for growth in mean scale scores and Advanced Proficiency.
- Compare to State and DFG\* results.
- Analyze results for particular groups of students—schools, classrooms, programs, etc.

\*District Factor Group

# Using Scale Scores to Analyze Results



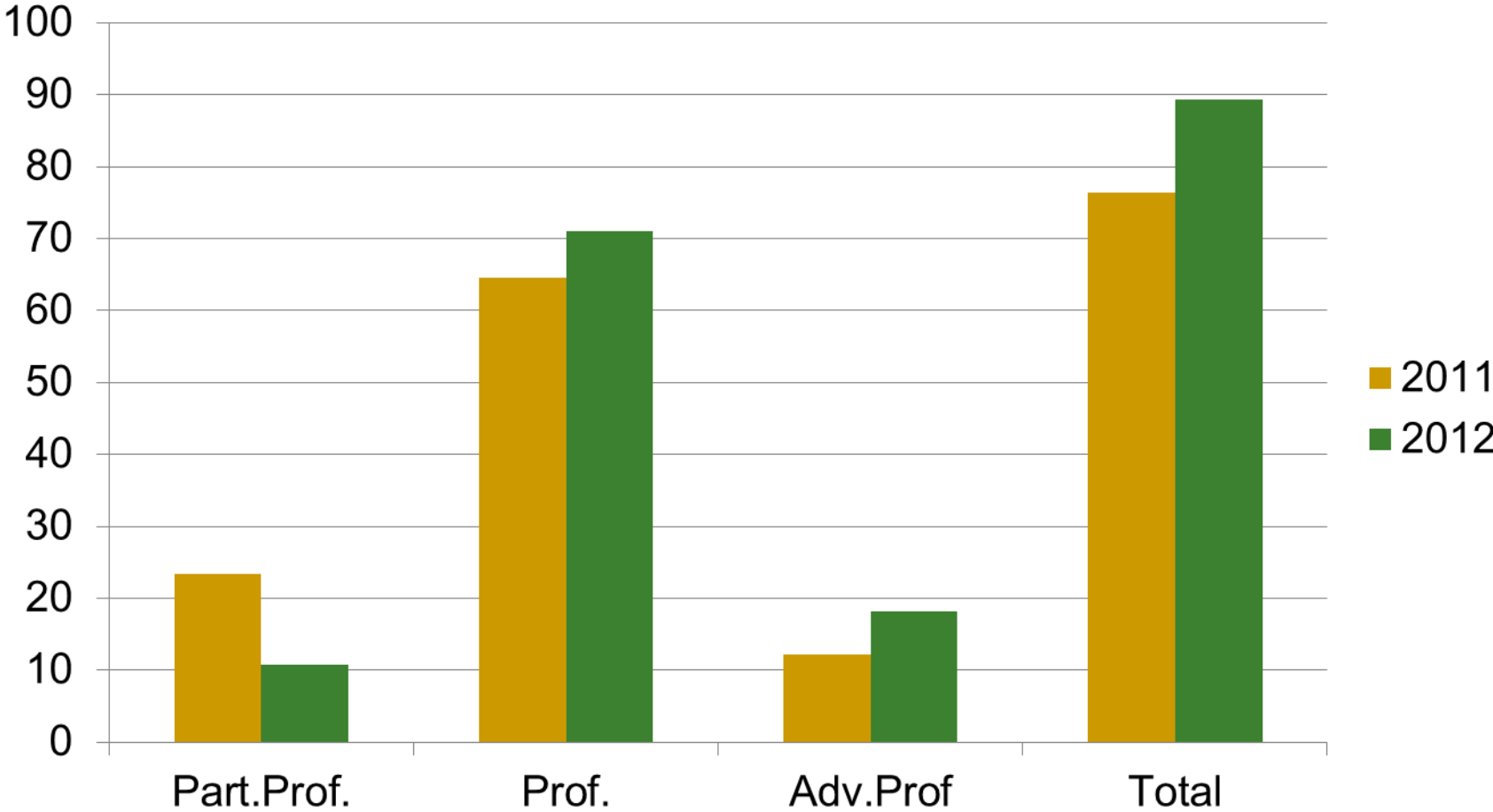
# C-WC 2012 NJ ASK LAL Results Compared with DFG (I) and State

	ASK 3	ASK 4	ASK 5	ASK 6	ASK 7	ASK 8	HSPA 11
C-WC	75.6	75.3	78.2	78.9	76.7	89.3	94.7
DFG (I)	82.2	76.2	80.3	82.7	80.5	94	97.3
NJ	66.8	58.5	62.1	64.5	61	82.2	91.5

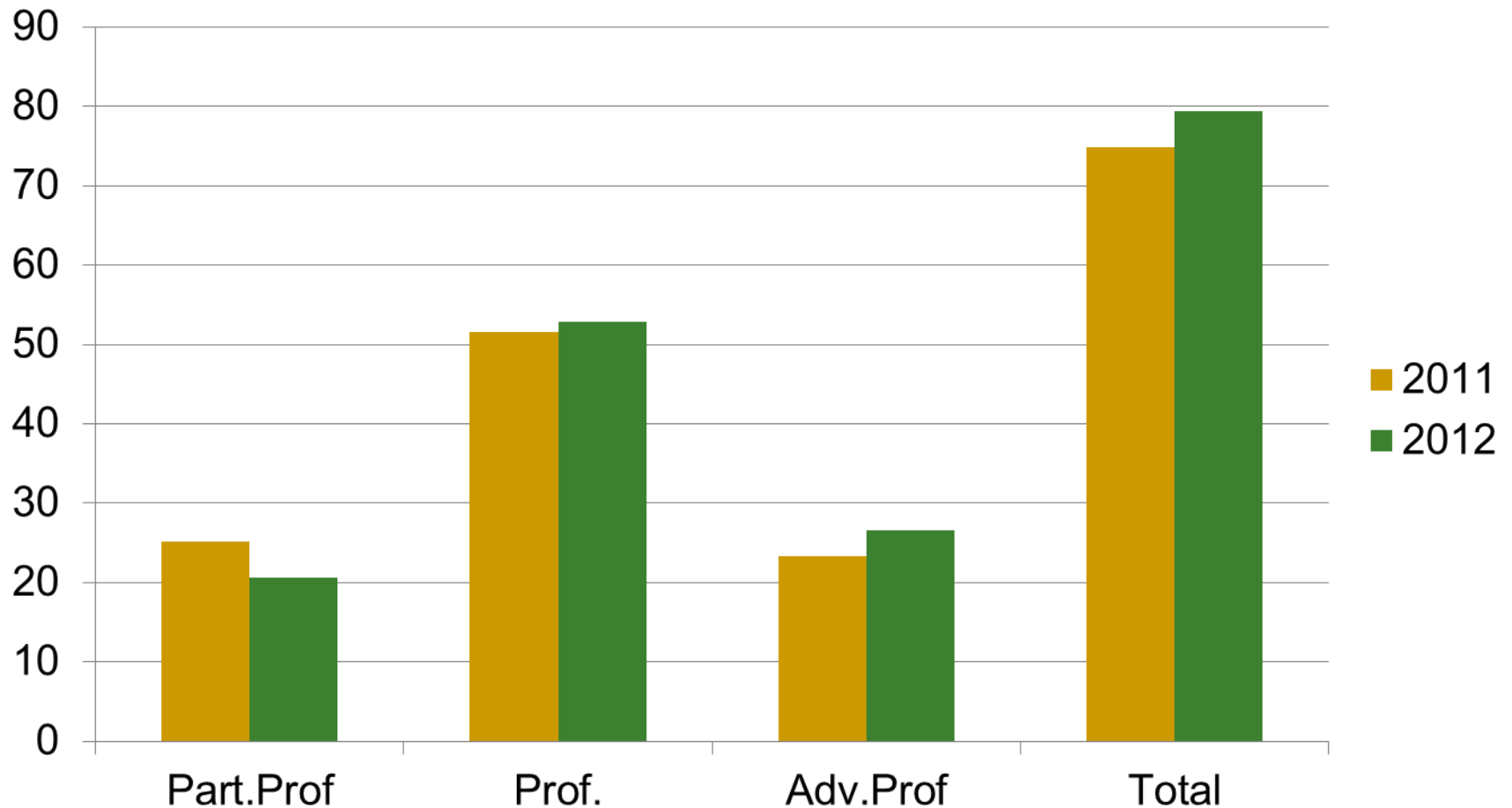
# C-WC 2012 NJ ASK Math Results Compared with DFG (I) and State

	ASK 3	ASK 4	ASK 5	ASK 6	ASK 7	ASK 8	HSPA 11
C-WC	86.5	89.5	91.7	87.2	78.2	79.4	90
DFG (I)	91.1	90.3	93.2	91	80.8	87.1	91.1
NJ	78.4	77.4	83.2	78.8	63.2	71.7	79.3

Class of 2016 (current 9th graders)  
**NJ ASK 7 & 8 Language Arts**



# Class of 2016 (current 9th graders) NJ ASK 7 & 8 Mathematics



# 2012 NJ ASK LAL Scores by School

School/Grade	NJ ASK 3	NJ ASK 4	NJ ASK 5
Jefferson	81.5	67.3	74.6
Lincoln	73.5	82.5	83.7
Washington	70	78.5	79
Wilson	80	72.2	76.2

# 2012 NJ ASK Math Scores by School

School/Grade	NJ ASK 3	NJ ASK 4	NJ ASK 5
Jefferson	90.7	79.6	88.1
Lincoln	82.4	97.5	88.4
Washington	82.9	87.7	93.5
Wilson	91.4	97.2	97.6



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# Looking Forward

## ■ NJ NCLB Waiver

- Focus on fewer schools.
- Movement toward Growth Model.

## ■ Student Growth Proficiency

- Measure growth compared with other students at same/similar level.
  - Potential Complications
    - NJ ASK not designed for this type of analysis;
    - Score differences at ends of proficiency range;
    - Use as a teacher evaluation tool not shown to be effective.
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