2014-2015

Test Results, Analysis and Implications



Background



"Enter to Achieve, Leave to Lead."

Overview

- Key Updates
- Growth Mindset
- Comparison Sample
- Economically Disadvantage Data
- Test Results
- Analysis
- Implications
- Question, Answer and Comment Session

Key Updates

- Proficiency
  - 5 Achievement Levels
    - Levels 4 & 5 = College & Career Readiness Standard
    - **Levels 3, 4 & 5 = Grade Level Proficiency Standard**
- School Performance Grade
  - 80% Achievement Score and 20% Growth Score
    - School meets (exceeds) growth and growth lowers final score and grade, use achievement score only
  - Set on a 15 Point Scale
  - Scheduled School Report Card Date: October 15, 2015

School Performance Grades

- B
  - East Montgomery High
- C
  - Candor
  - Green Ridge
  - Page Street
  - Star
  - West Montgomery High
- D
  - East Middle
  - Mount Gilead
  - West Middle
- Troy-N/A
- MLA- Maintaining
- No F schools

2012-2013 Montgomery County Schools EVAAS Report

Exceeds Expected Growth: Progress is significantly above the average district in the state.

Meets Expected Growth: Progress is not detectably different from the average district in the state.

Does Not Meet Expected Growth: Progress is significantly below the average district in the state

OR

EOG Math, EOG Reading and K-mClass

B — Exceeds Expected Growth: Estimated mean NCE gain is above the growth standard by at least 2 standard errors.

G — Meets Expected Growth: Estimated mean NCE gain is below the growth standard by at most 2 standard errors but less than 2 standard error above it.

R — Does Not Meet Expected Growth: Estimated mean NCE gain is below the growth standard by more than 2 standard errors.

Test	Does Not Meet Expected Growth	Meets Expected Growth	Exceeds Expected Growth
4th Math EOG	-3.2		
5th Math EOG		0.8	
6th Math EOG	-5.1		
7th Math EOG		0.1	
8th Math EOG	-5.0		
Algebra I EOC		0.2	
4th Reading EOG	-2.6		
5th Reading EOG		-0.2	
6th Reading EOG	-2.2		
7th Reading EOG		-0.8	
8th Reading EOG		0.1	
English II EOC		0.1	
5th Science EOG		-0.5	
8th Science EOG	-0.9		
Biology EOC	-0.8		
ACT Composite*			0.6
ACT English		0.4	
ACT Reading			0.8
ACT Math		0.2	
ACT Science			0.8

Overall, we exceeded expected growth for The ACT! Met expected growth for grades 5 and 7 for math and reading; met expected growth for grade 8 reading, Algebra I and English II. We did NOT meet expected growth for math grades 4, 6, and 8; reading grades 4 and 6; and science grade 8 and Biology. Math and reading appear to be our strongest opportunities for growth, followed by science. Further exploration of math instruction at grades 6 and 8 is recommended as an immediate area of focus.

2013-2014 Montgomery County Schools EVAAS Report

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Does Not Meet Expected Growth: Progress is significantly below the average district in the state

OR

EOG Math, EOG Reading and K-mClass

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R — Does Not Meet Expected Growth: Estimated mean NCE gain is below the growth standard by more than 2 standard errors.

Test	Does Not Meet Expected Growth	Meets Expected Growth	Exceeds Expected Growth
4th Math EOG		1.0	
5th Math EOG		-0.5	
6th Math EOG		-1.4	
7th Math EOG			2.3
8th Math EOG	-2.7		
Algebra I EOC			1.5
3rd Reading EOG		-0.1	
4th Reading EOG		1.7	
5th Reading EOG		0.9	
6th Reading EOG		0.0	
7th Reading EOG		-0.4	
8th Reading EOG		-0.8	
English II EOC		-0.3	
5th Science EOG		-0.7	
8th Science EOG	-0.7		
Biology EOC	-0.7		
ACT Composite*		0.1	
ACT English		0.1	
ACT Reading		0.2	
ACT Math		-0.3	
ACT Science		0.4	

Overall, we exceeded expected growth for 7th grade math and Math I! Met expected growth for grades 4th, 5th and 6th math and reading; met expected growth for grades 3rd reading, 7th reading, 8th reading, 5th science, Algebra I and English II. We did NOT meet expected growth for math grade 8th, grade 8th science and Biology. We met expected growth for the ACT Composite, English, Reading, Math and Science. Grade 8th math, grade 8th science and Biology appear to be our strongest opportunities for growth. This growth is reflected via 70% of our schools meeting or exceeding growth.

2014-2015 Montgomery County Schools EVAAS Report

Exceeds Expected Growth: Progress is significantly above the average district in the state.

Meets Expected Growth: Progress is not detectably different from the average district in the state.

Does Not Meet Expected Growth: Progress is significantly below the average district in the state

OR

EOG Math, EOG Reading and K-mClass

B Exceeds Expected Growth: Estimated mean NCE gain is above the growth standard by at least 2 standard errors.

G Meets Expected Growth: Estimated mean NCE gain is below the growth standard by at most 2 standard errors but less than 2 standard error above it.

R Does Not Meet Expected Growth: Estimated mean NCE gain is below the growth standard by more than 2 standard errors.

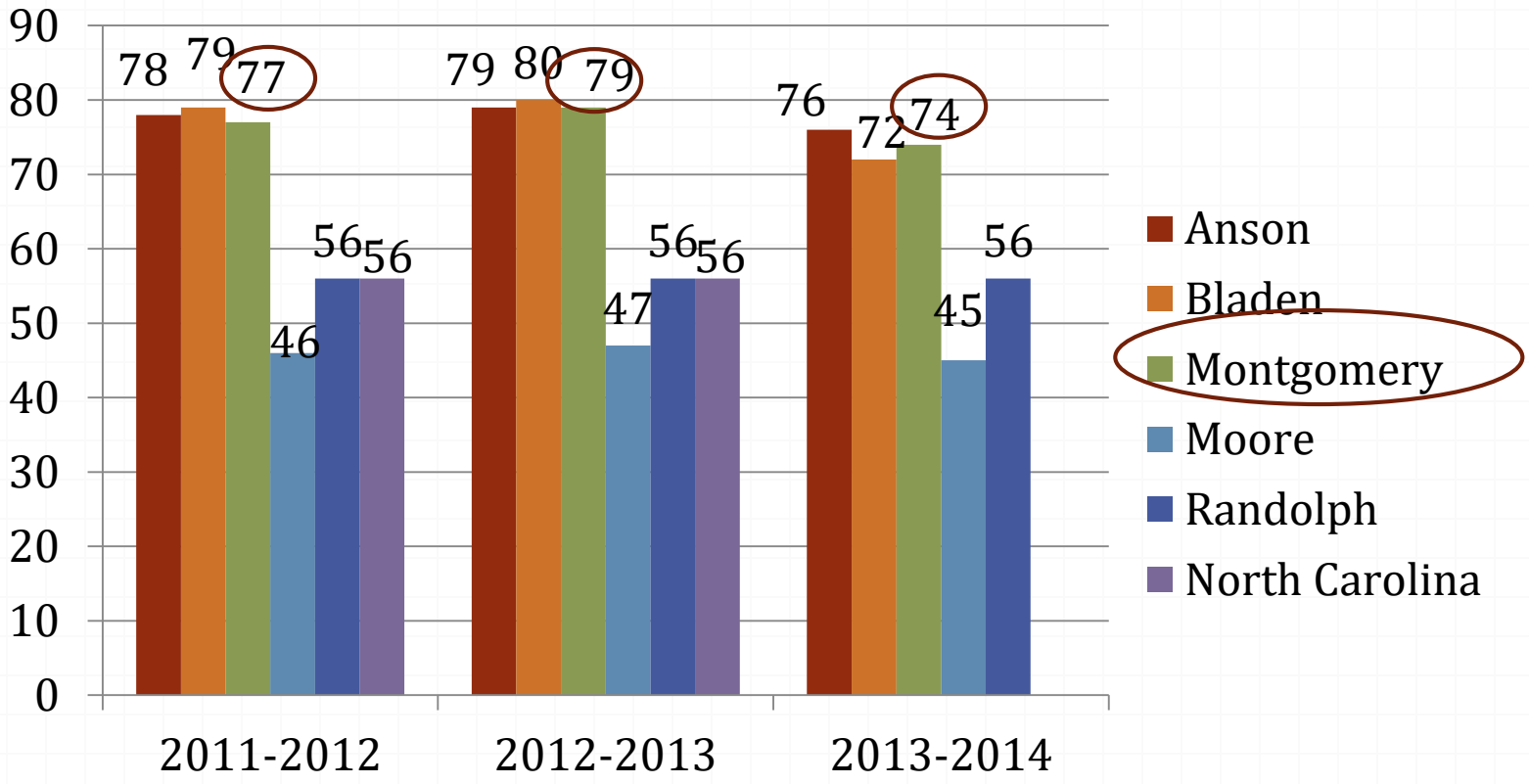
Test	Does Not Meet Expected Growth	Meets Expected Growth	Exceeds Expected Growth
4th Math EOG			1.5
5th Math EOG			2.7
6th Math EOG		0.9	
7th Math EOG			1.9
8th Math EOG		0.4	
Math I EOC			2.3
3rd Reading EOG		0.4	
4th Reading EOG			1.5
5th Reading EOG			3.1
6th Reading EOG		0.1	
7th Reading EOG		1.2	
8th Reading EOG		0.2	
English II EOC		-0.1	
5th Science EOG			1.8
8th Science EOG	-1.4		
Biology EOC		-0.0	
ACT Composite*			
ACT English			
ACT Reading			
ACT Math			
ACT Science			

Overall, we exceeded expected growth for Math in Grades 4, 5, 7; Math I; Reading in Grades 3 and 4; and Science Grade 5. Met expected growth for Grades 6 and 8 Math and Grades 3,6,7,8 Reading, English II and Biology. We did NOT meet expected growth Science Grade 8. Grade 8 Science is our strongest opportunity for improvement. This growth is reflected via 80% of our schools meeting or exceeding growth.

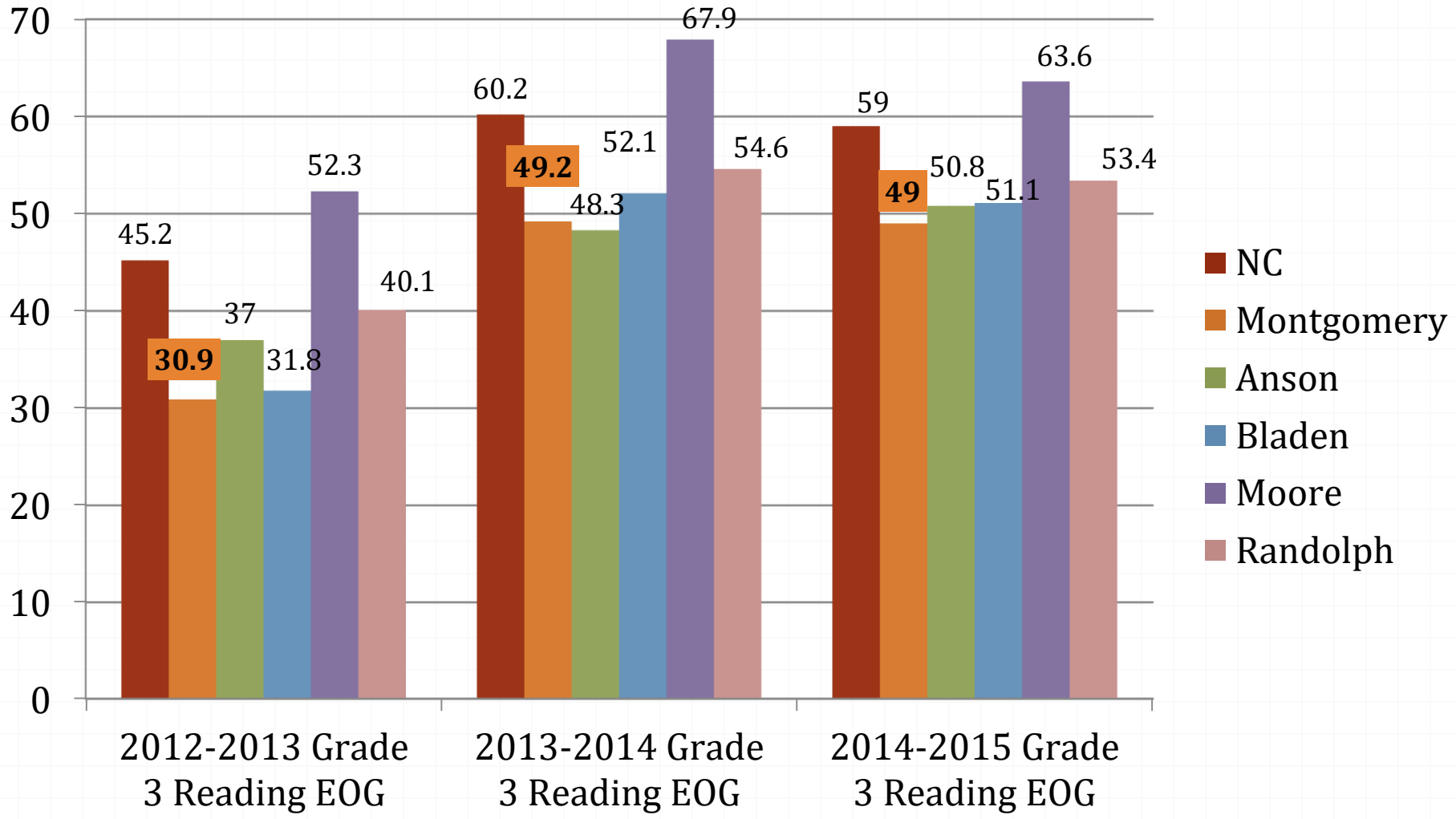
Comparison Sample

- Anson
- Bladen
- **Montgomery**
- Moore
- Randolph
- North Carolina

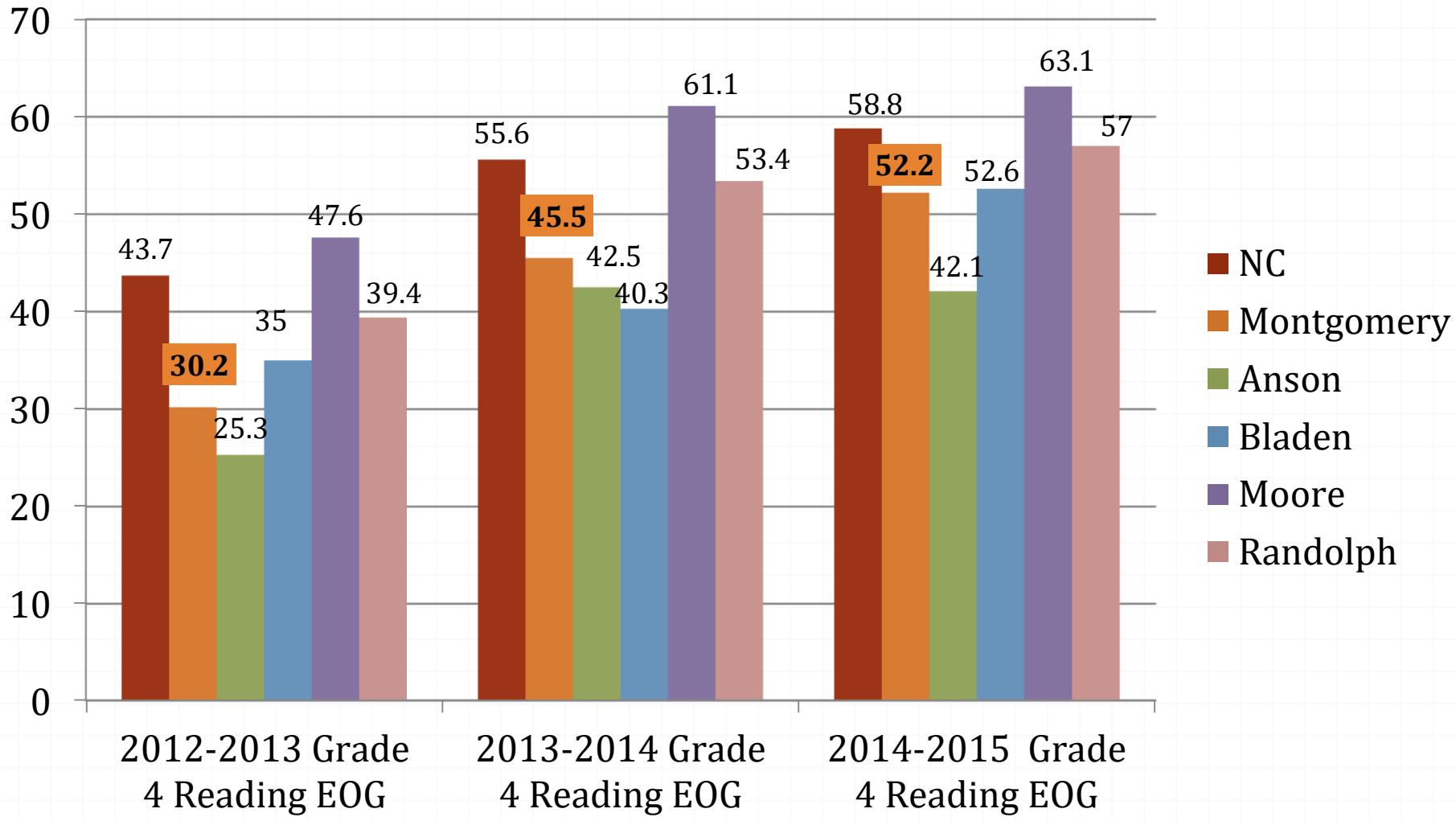
Economically Disadvantaged Data



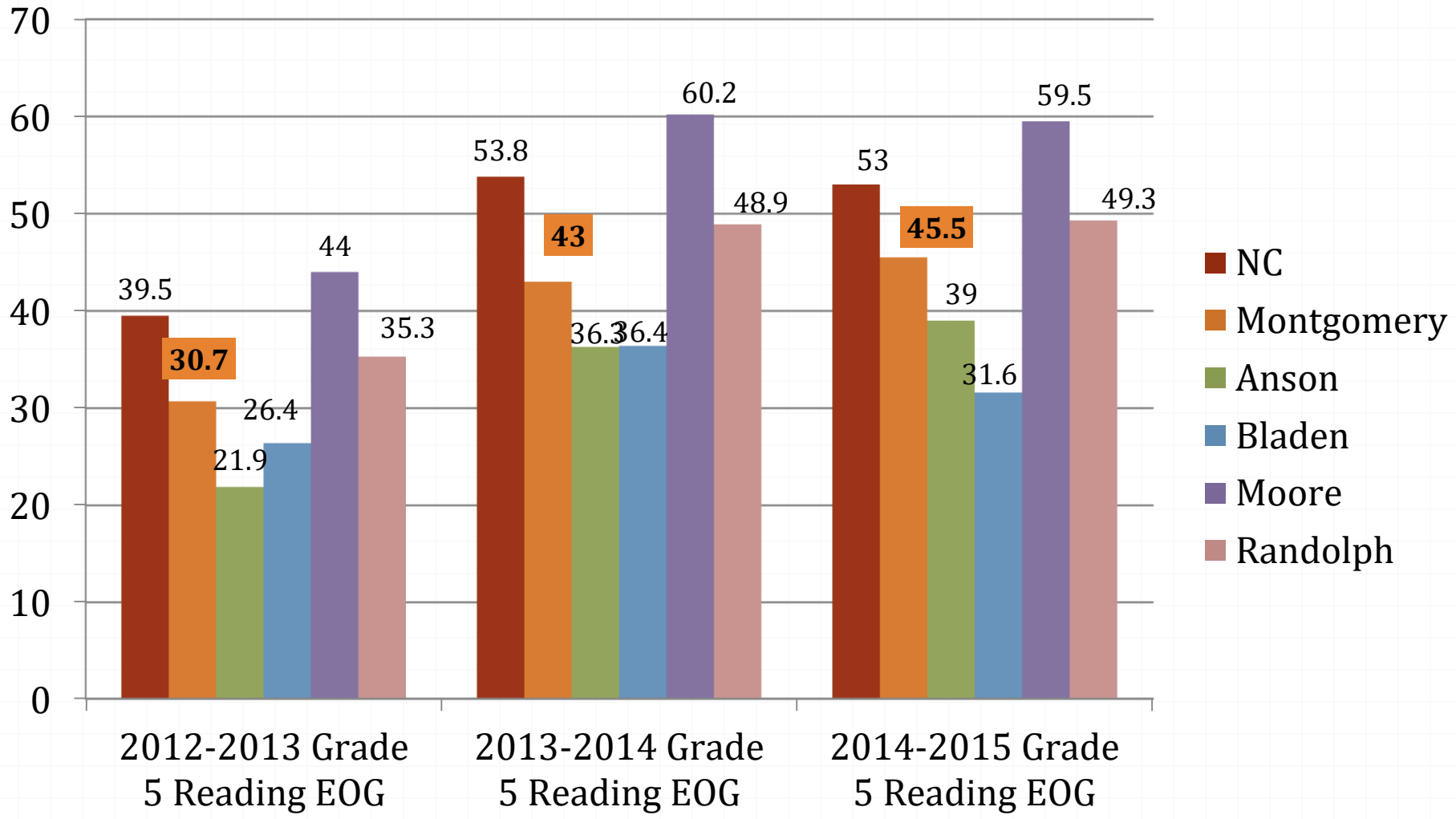
End-of-Grade (EOG) Reading (Grade 3)



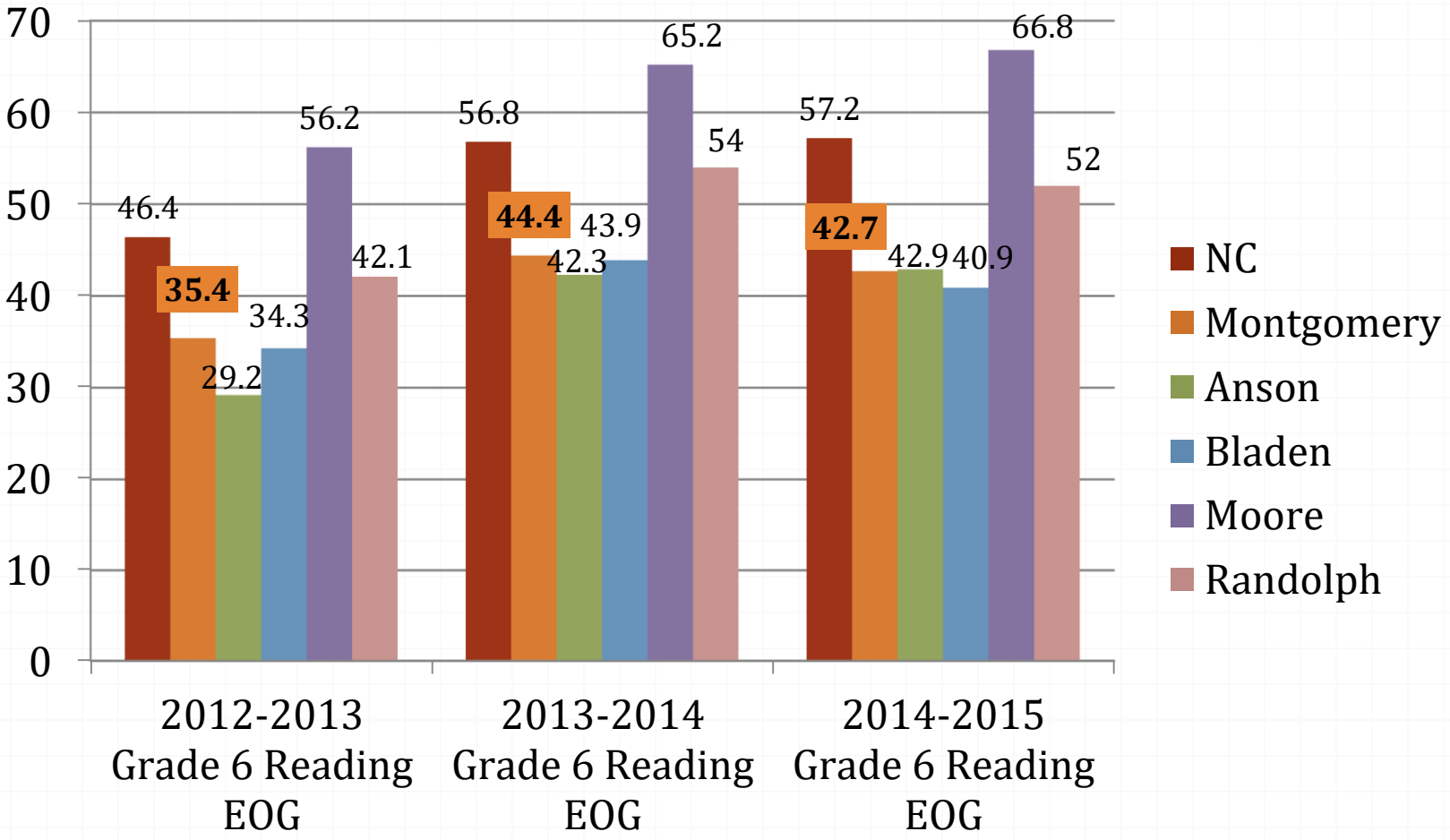
End-of-Grade (EOG) Reading (Grade 4)



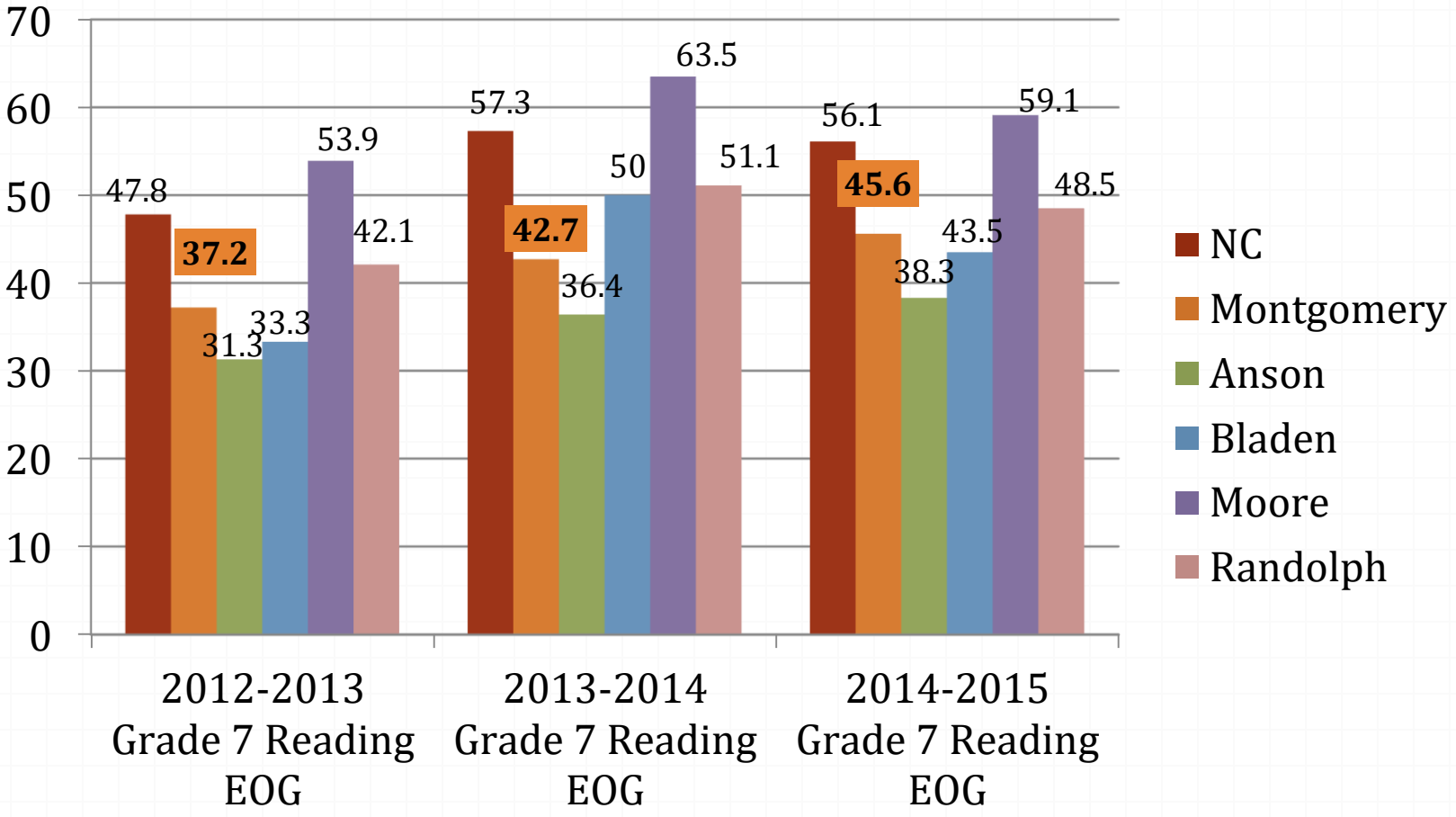
End-of-Grade (EOG) Reading (Grade 5)



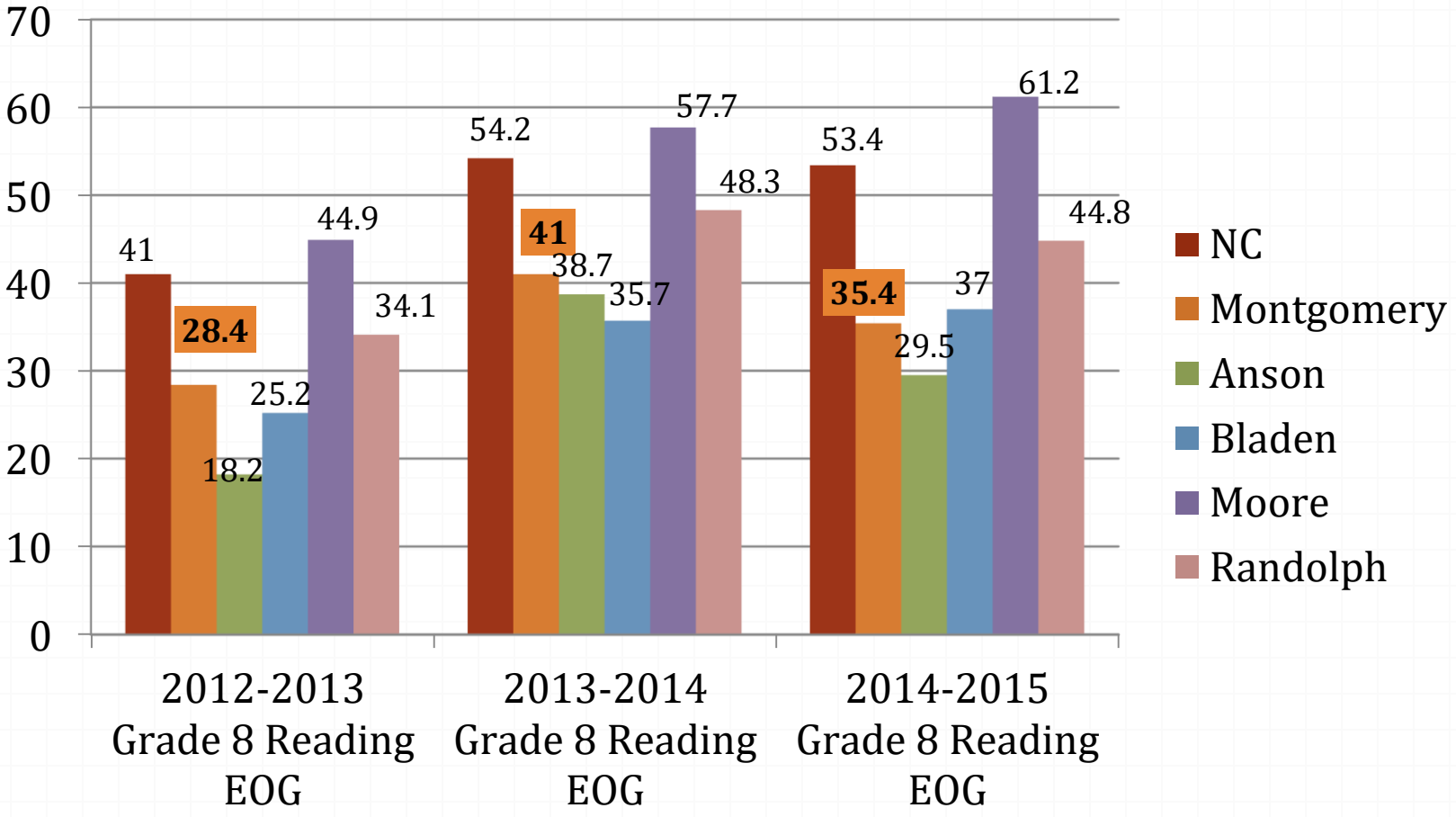
End-of-Grade (EOG) Reading (Grade 6)



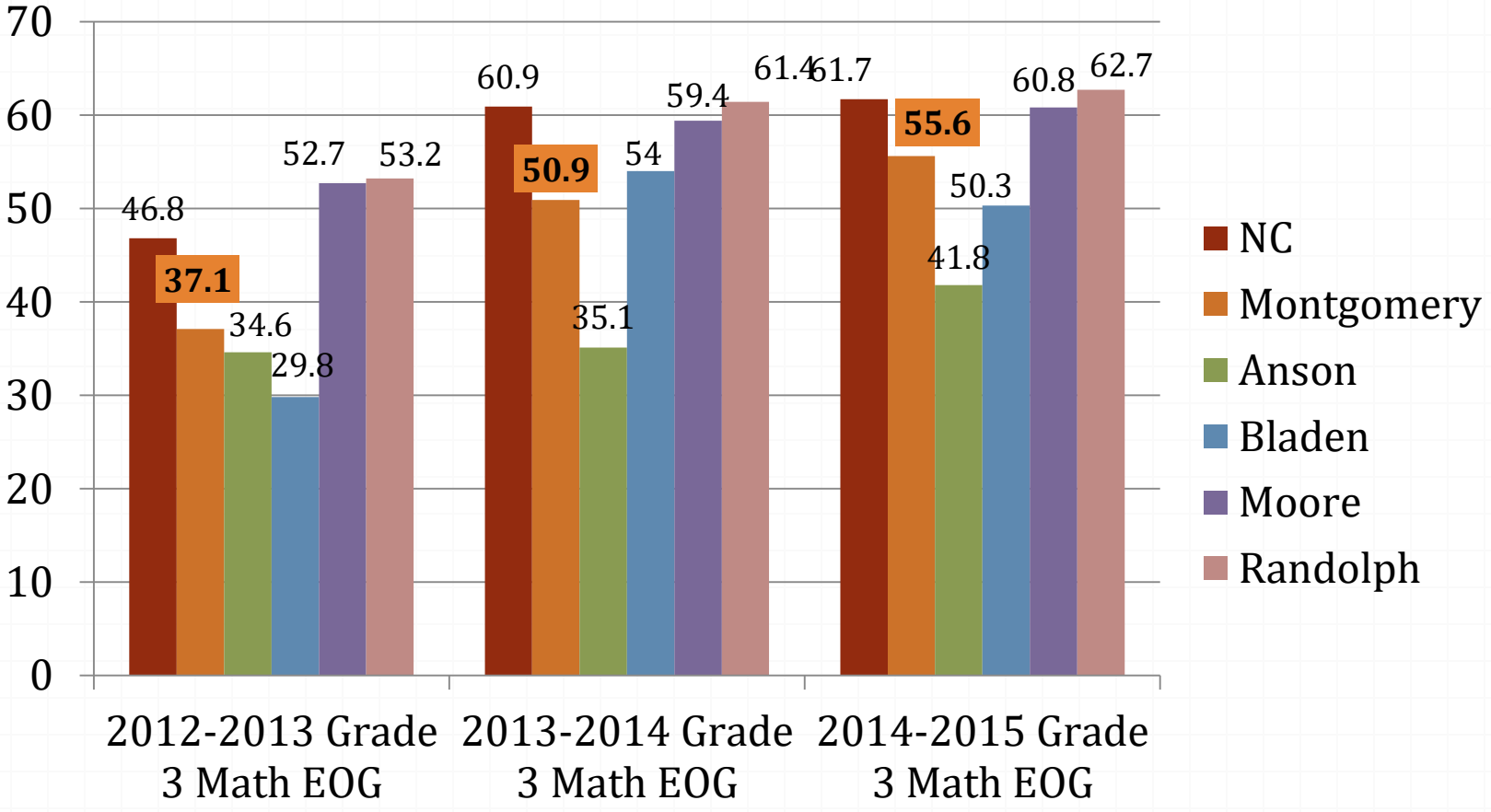
End-of-Grade (EOG) Reading (Grade 7)



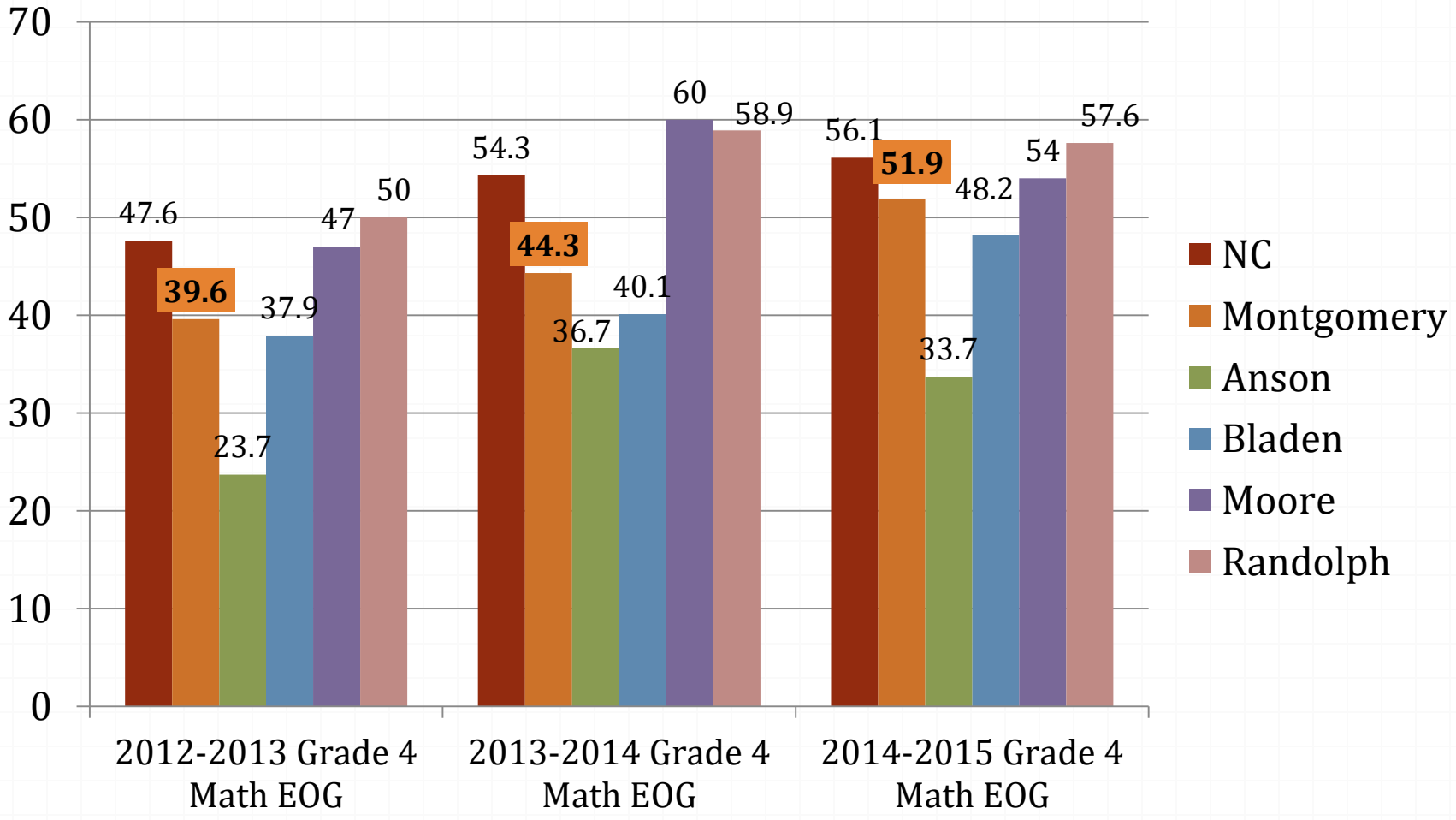
End-of-Grade (EOG) Reading (Grade 8)



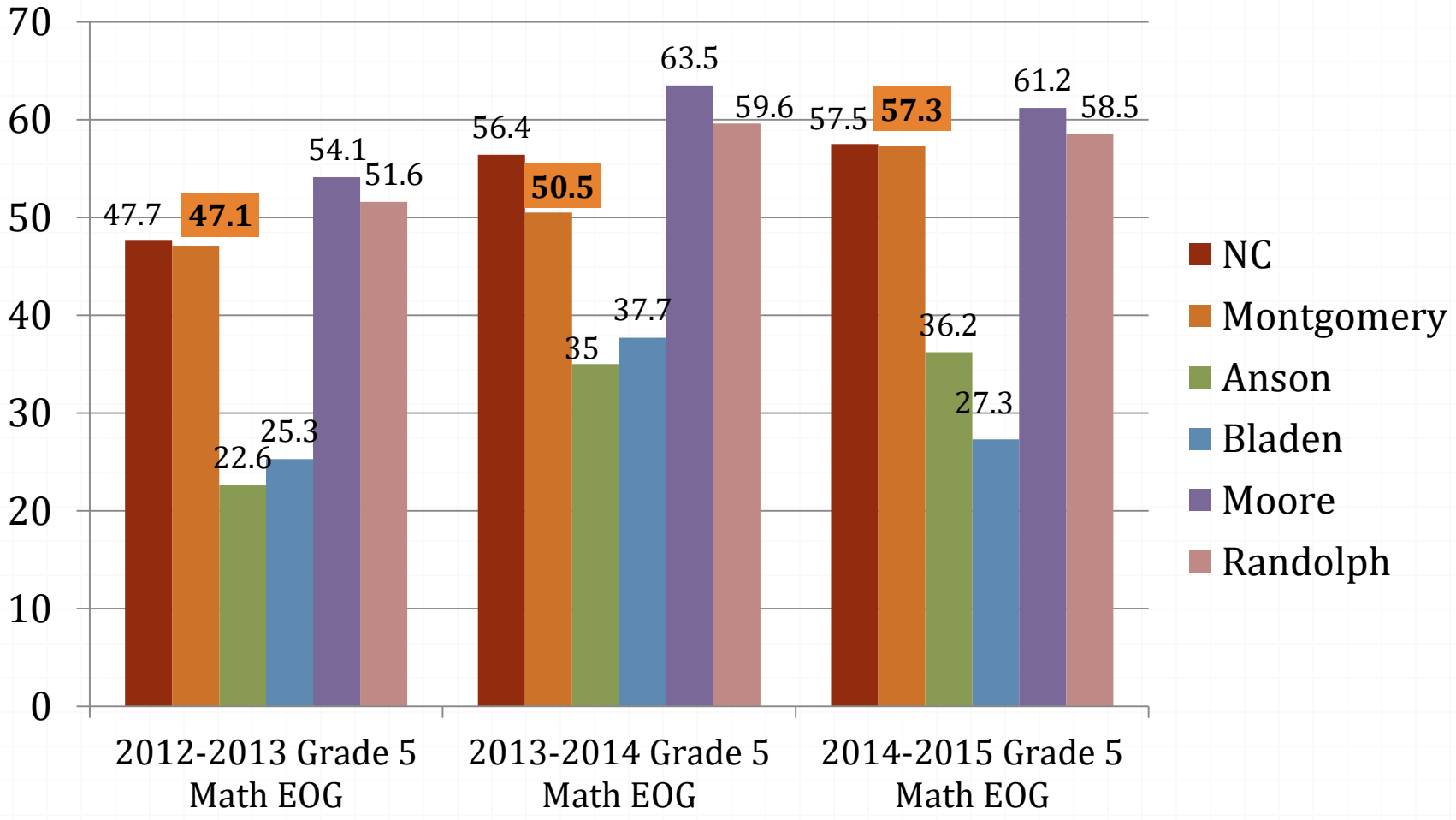
End-of-Grade (EOG) Math (Grade 3)



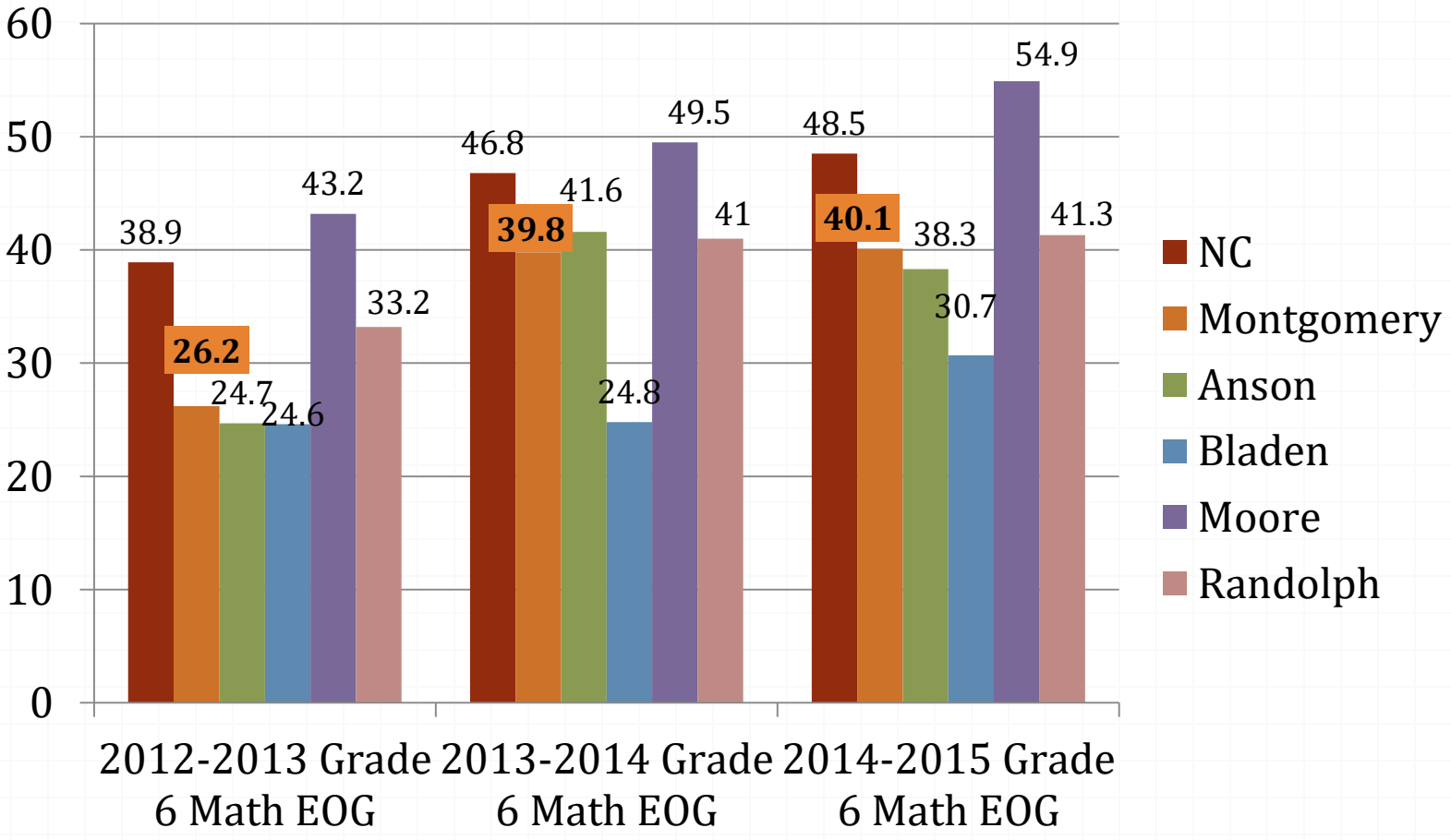
End-of-Grade (EOG) Math (Grade 4)



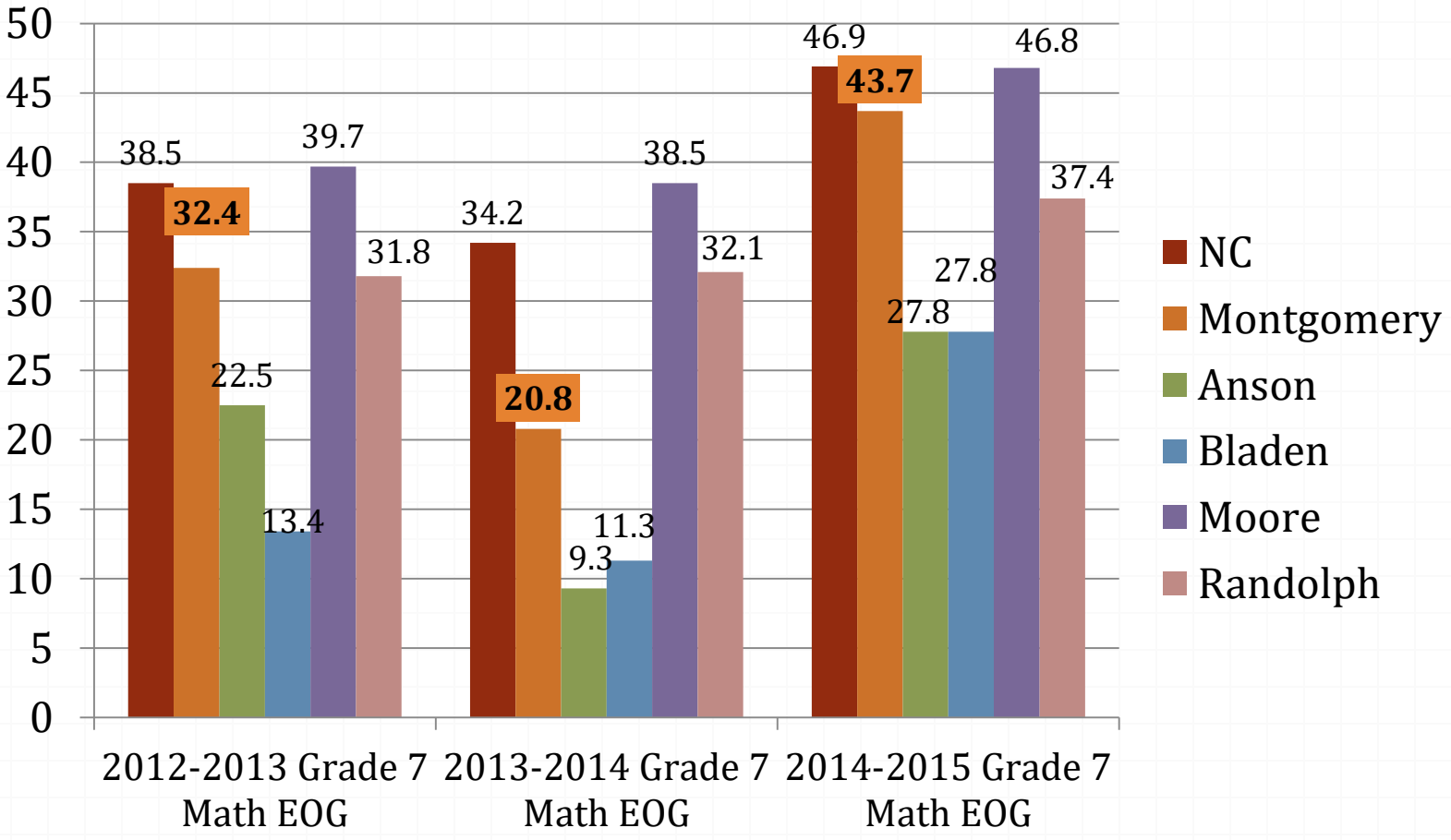
End-of-Grade (EOG) Math (Grade 5)



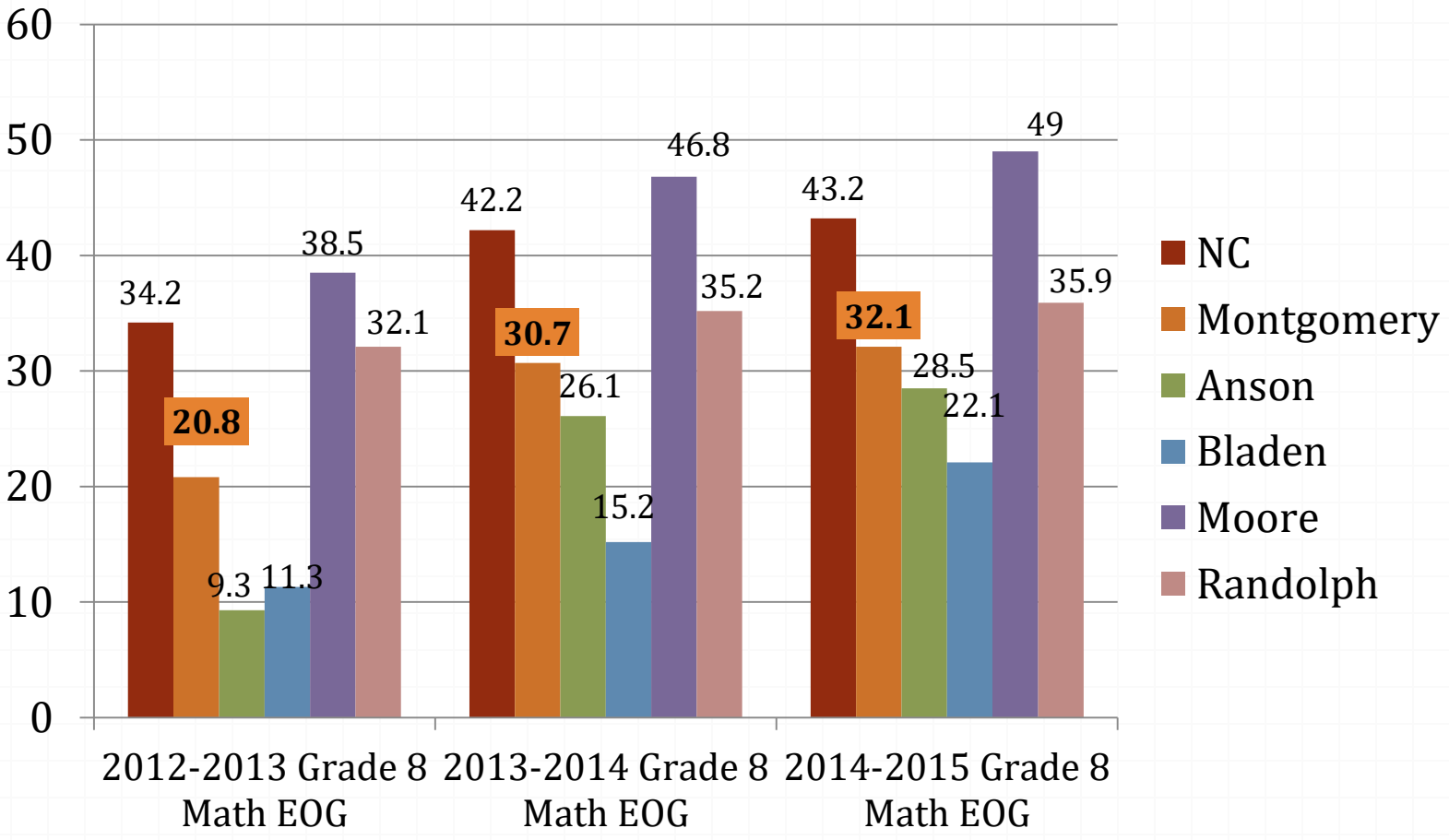
End-of-Grade (EOG) Math (Grade 6)



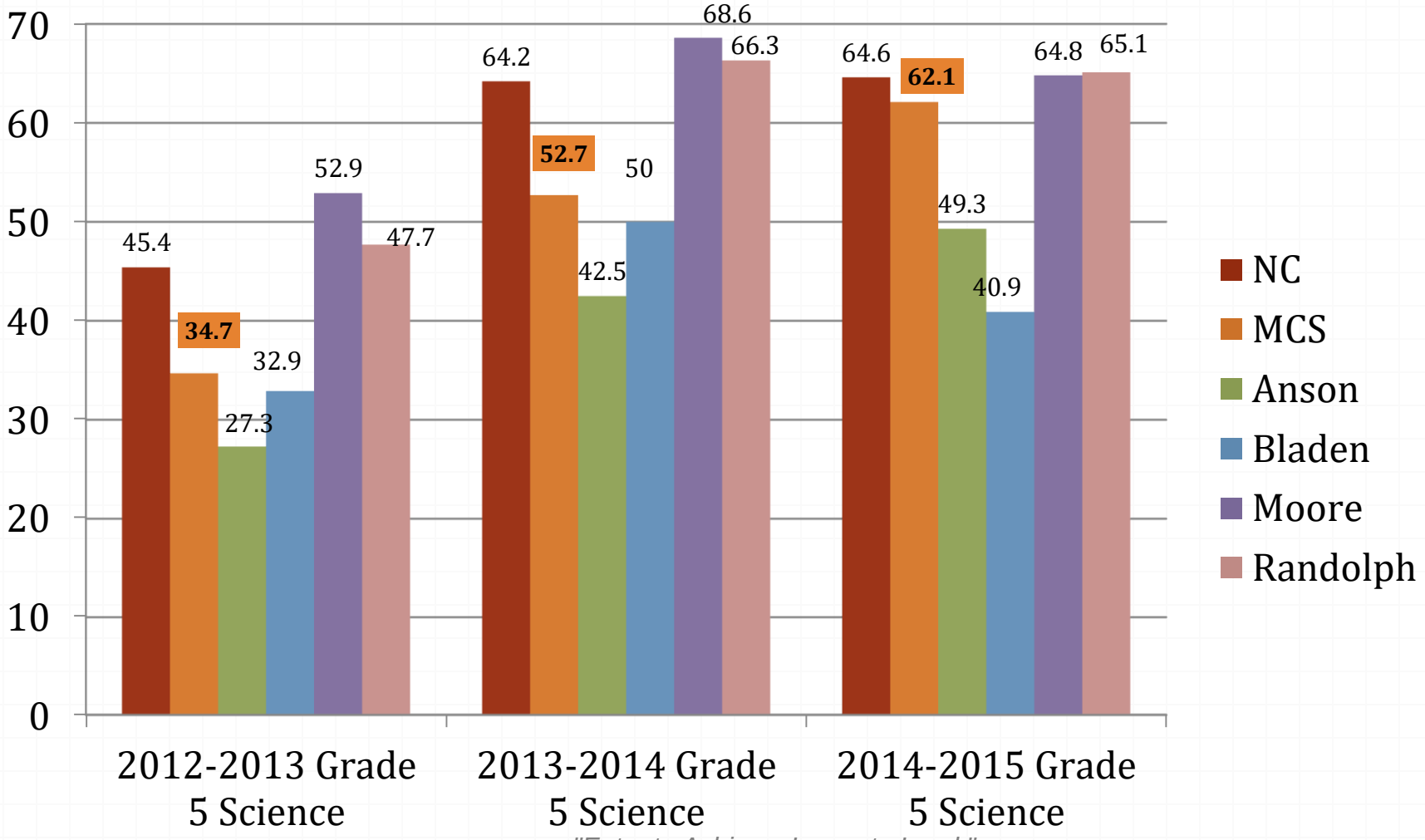
End-of-Grade (EOG) Math (Grade 7)



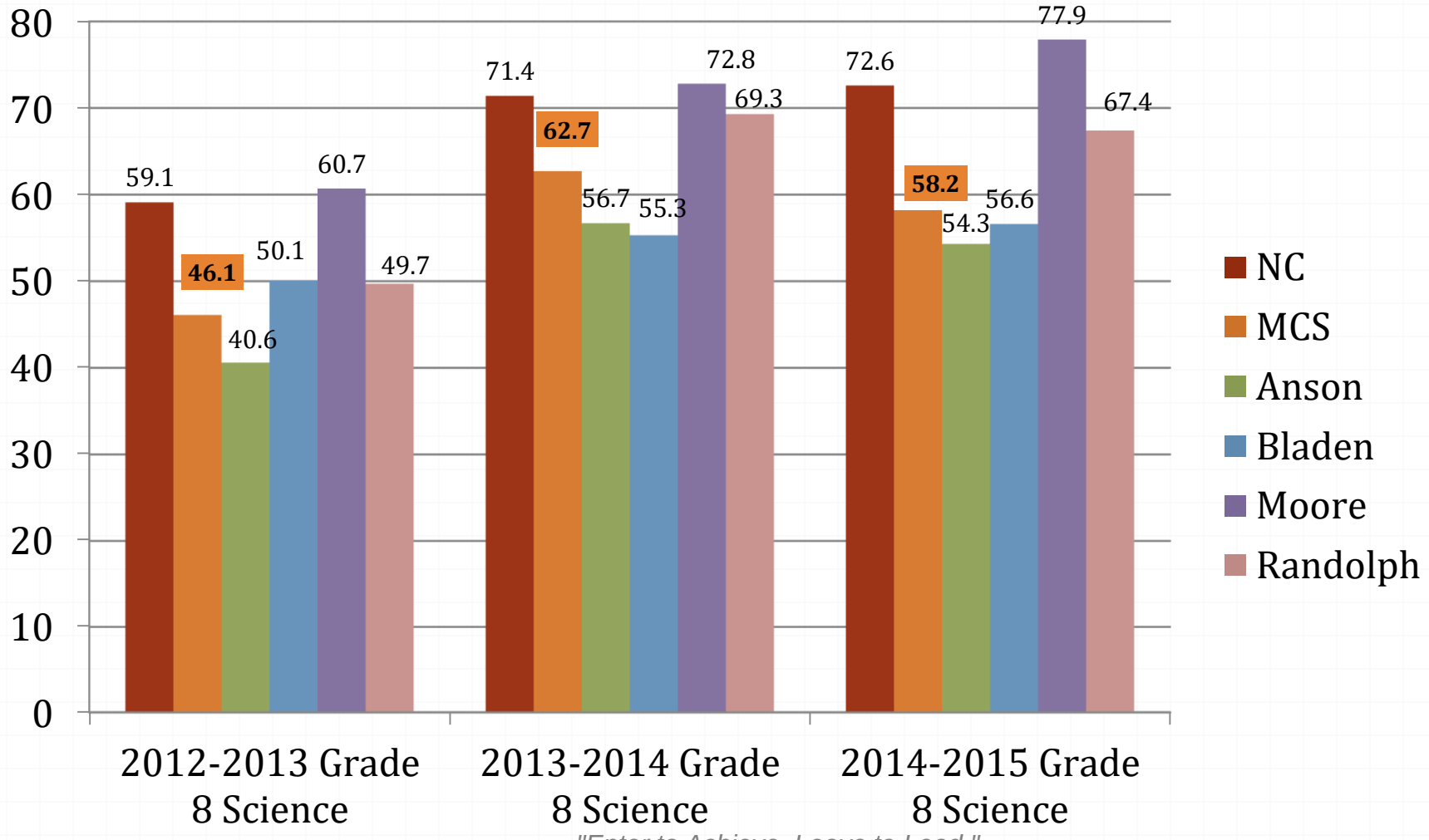
End-of-Grade (EOG) Math (Grade 8)



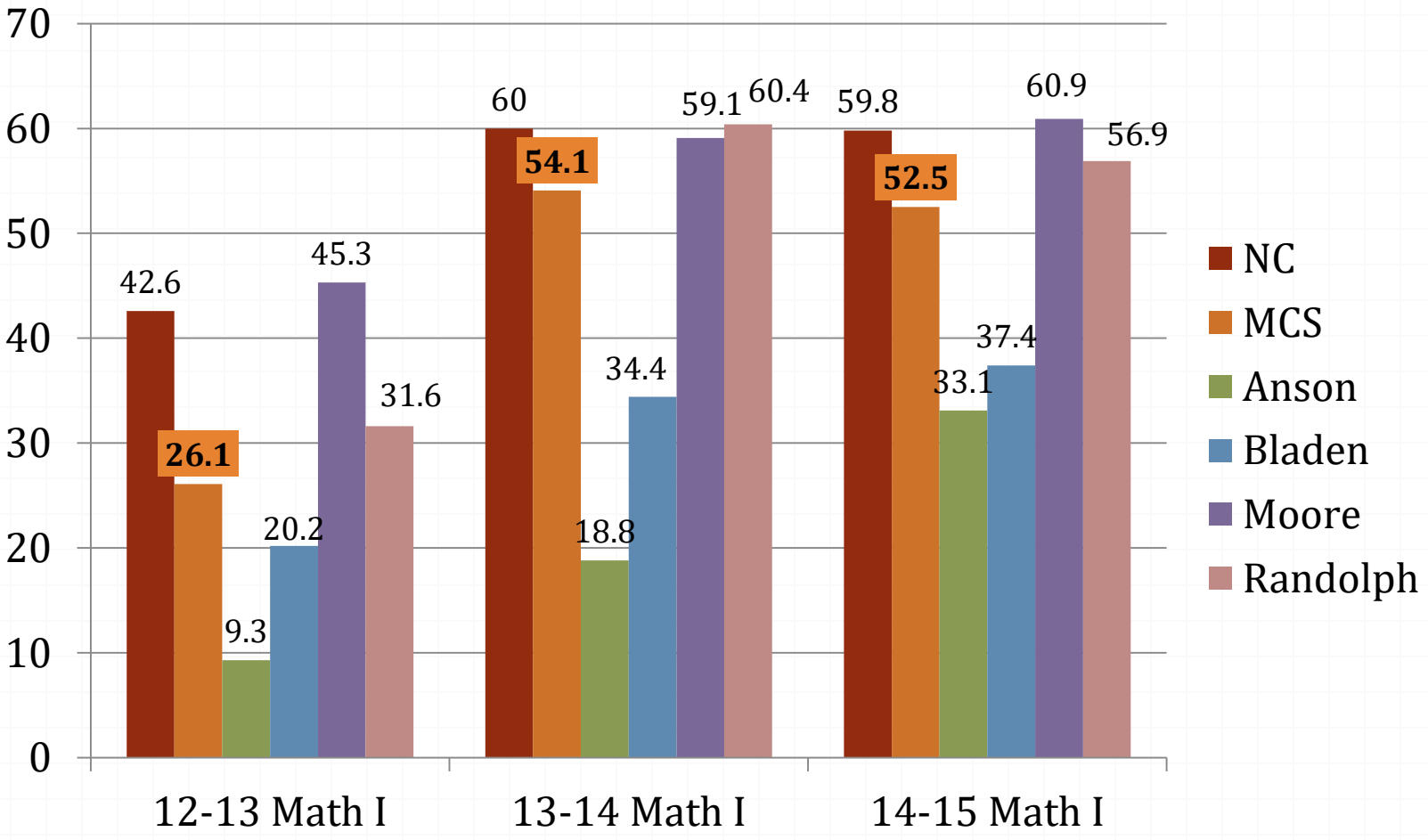
EOG Science Grade 5



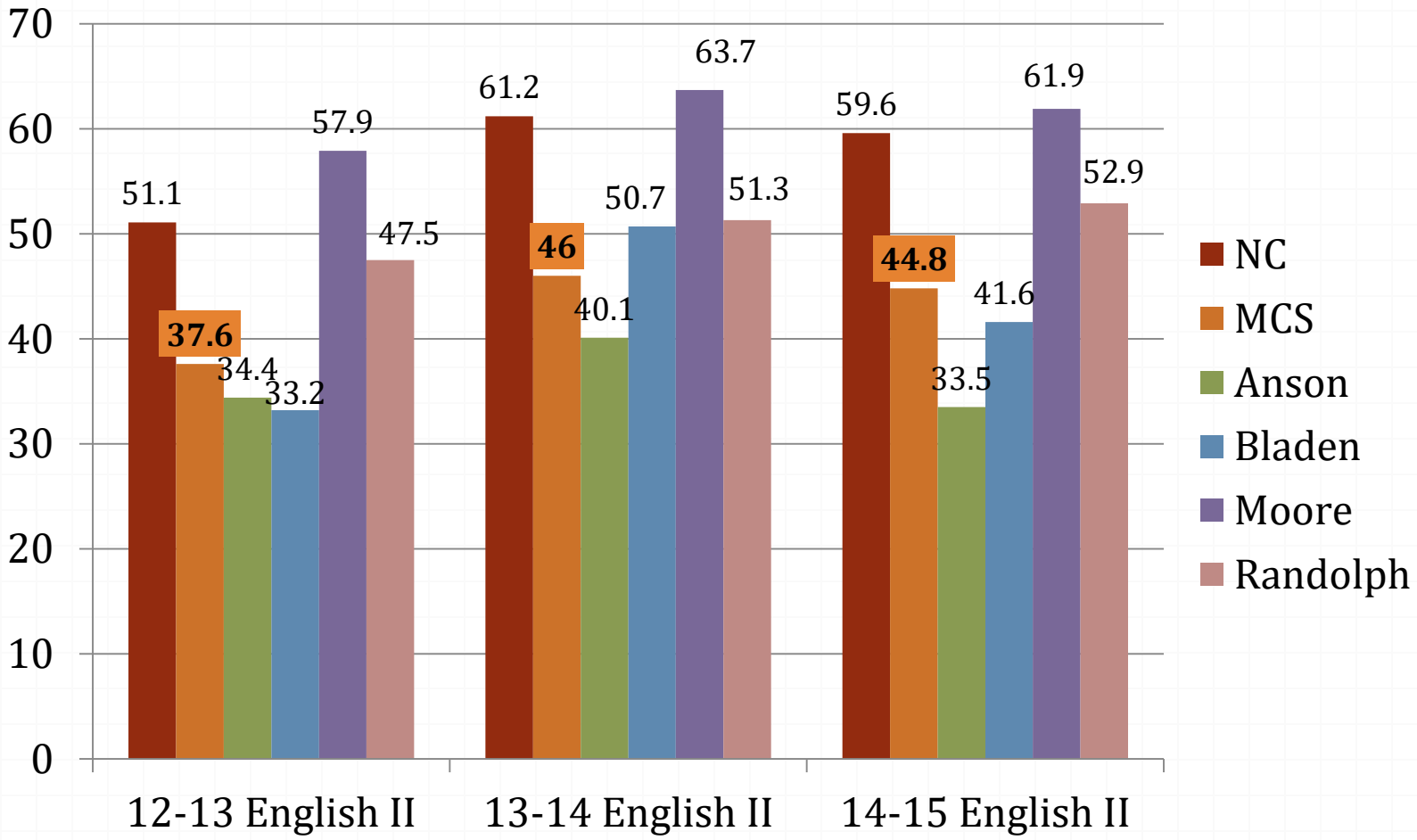
EOG Science Grade 8



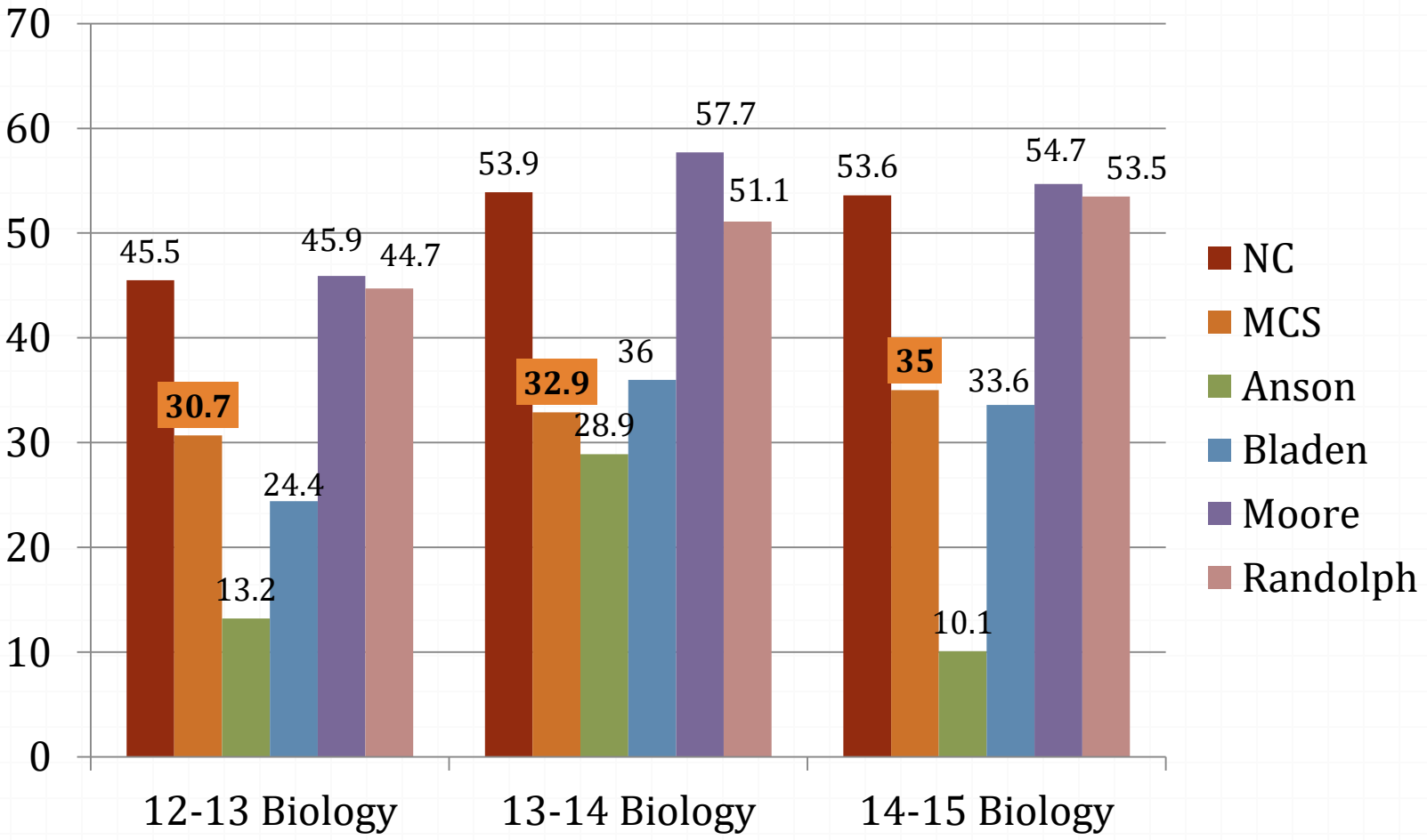
End-Of-Course (EOC) Math I



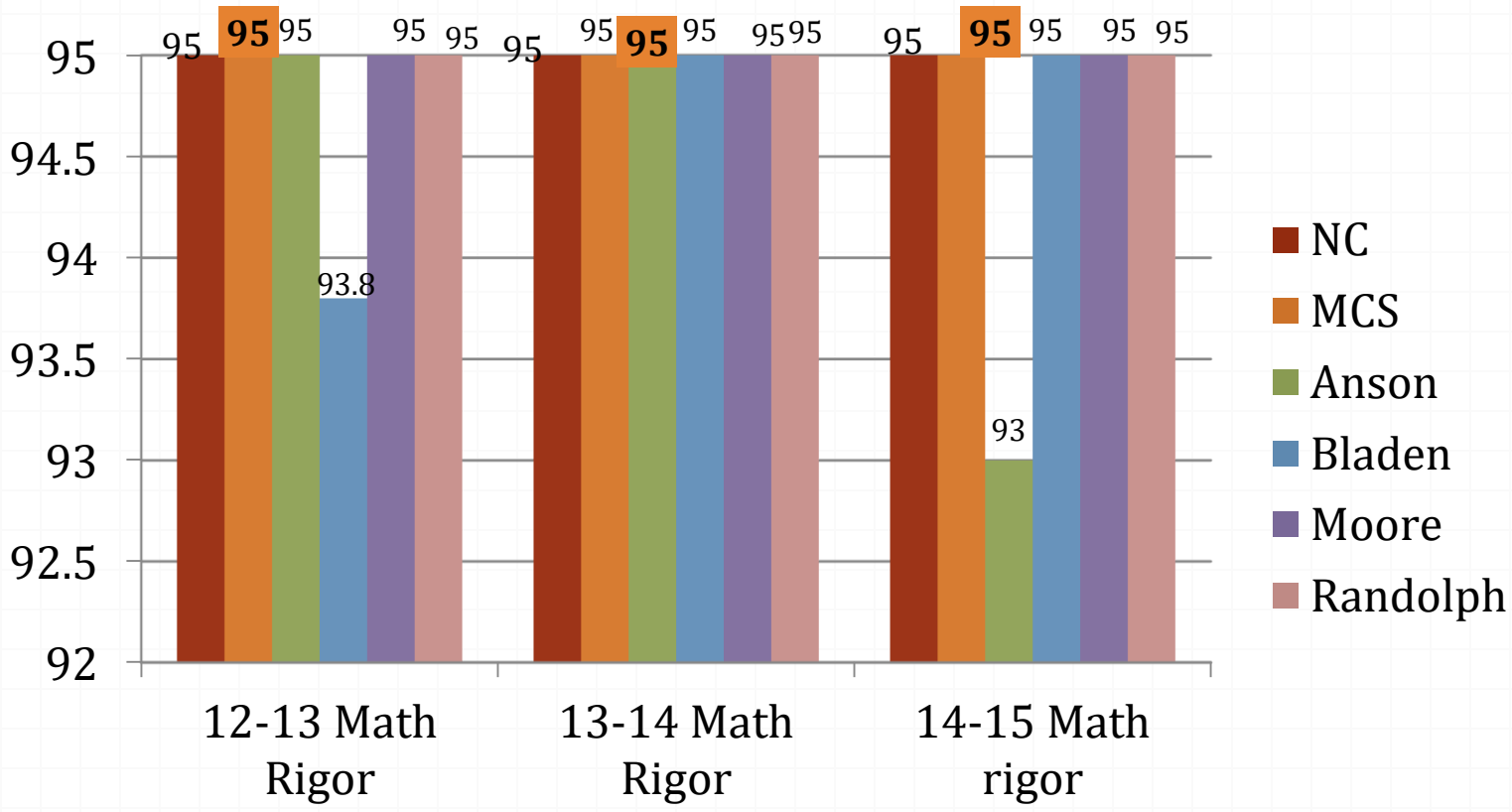
EOC English II



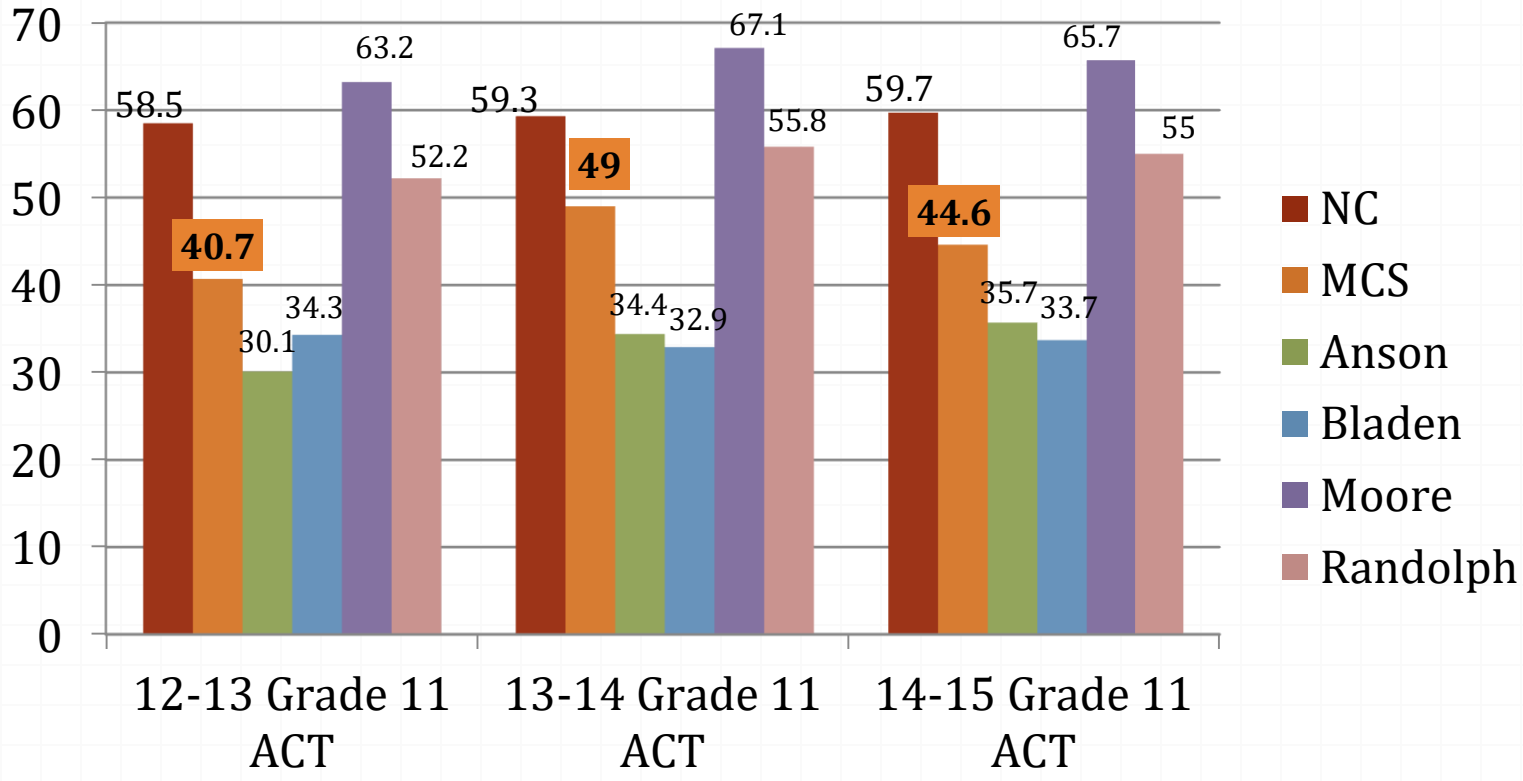
EOC Biology


70
60
50
40
30
20
10
0
45.5
30.7
13.2
24.4
45.9
44.7
53.9
32.9
28.9
36
57.7
51.1
53.6
35
10.1
33.6
54.7
53.5
12-13 Biology
13-14 Biology
14-15 Biology
NC
MCS
Anson
Bladen
Moore
Randolph

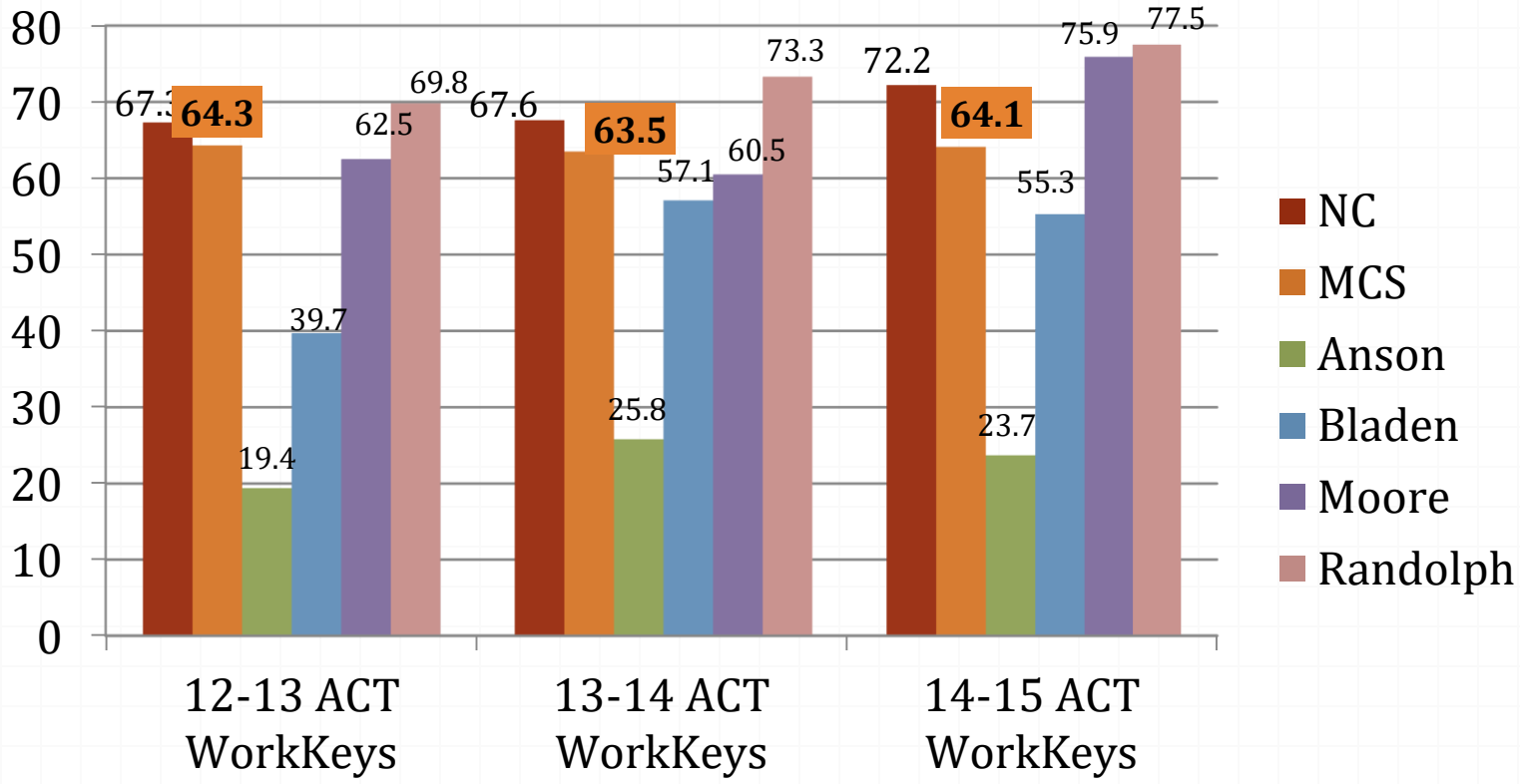
Graduates READY Results



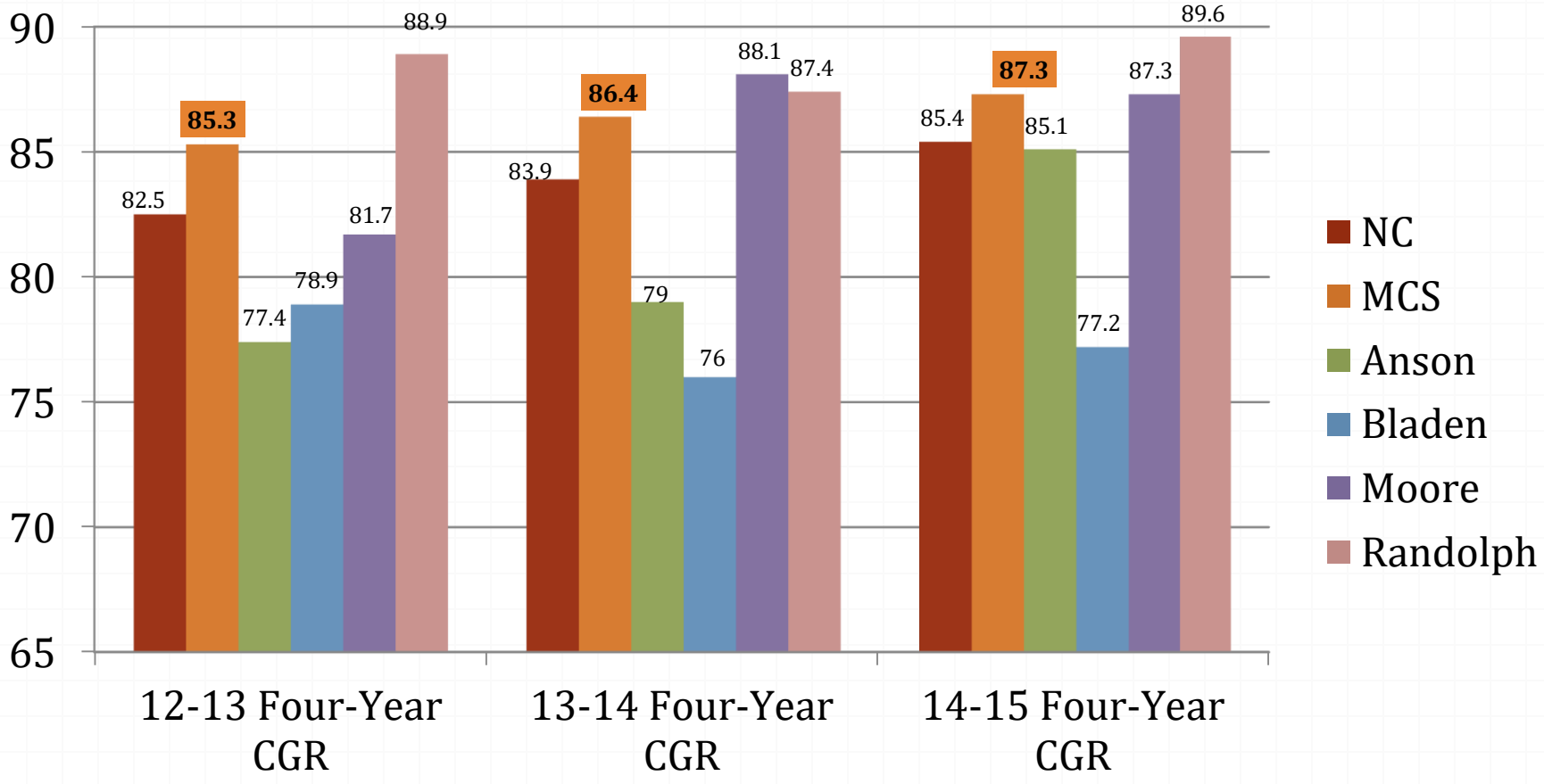
Graduates READY Results



Graduates READY Results



Graduates READY Results



Analysis

- Met Attendance Rate
- Met Cohort Graduation Rate
- Met 100% of EOC AMOs
- Met Math Course Rigor Rate
- Met 64% –Annual Measurable Objectives (88/138 AMOs)
- Out performing economic affinity counties (i.e., 70%+ Free/Reduced lunch)
- Eight Schools met or exceeded expected growth (80%)
  - Candor Elementary
  - Green Ridge Elementary*
  - Mount Gilead Elementary
  - Page Street Elementary
  - Star Elementary
  - East Middle*
  - West Middle
  - East Montgomery High*
  - 80% of our schools met or exceed growth; 40% increase from 40% in 2012-2013.
- Growth in all EOCs and EOGs, except Grade 8 science.
- Increased SAT scores from 1277 to 1304 in three years and outperforming ED Comparison Counties on the SAT
- Greatest opportunities are:
  - Science- 8th Grade
  - 100% of Schools Meet or Exceed Growth

Implications

- K-5 Literacy
- K-5 Math
- 6-12 Literacy
- 6-12 Math
- College and Career READY

K-5 Literacy

K-5 will improve reading proficiency of ALL students to meet state AMO targets.

- K-2 PDSA
- Reading Framework/Resources/Fidelity to Framework
- Intervention Block/Fidelity Process
- Letterland Fidelity
- Multiple Tiered Systems of Support (MTSS)

K-5 Literacy

- Academic Vocabulary
- SRI/SRC/I Ready/System 44/Read 180
- Kindergarten Entrance Assessment (KEA)
- Read to Achieve Portfolio
- Early Literacy training at schools (DPI)
- Literacy Nights
- Lesson Planning/Unit Planning
- 3rd Grade PLC
- Targeted Instruction via after school programming

K-5 Math

K-5 will improve math proficiency of ALL students to exceed state AMO targets.

- District Math PD
- i-Ready
- Georgia Units
- Updated Instructional Expectations
- Math Goal teams
- Do-the-Math
- Multiple Tiered Systems of Support (MTSS)

6-12 Literacy

6-12 will improve reading proficiency of ALL students to meet state AMO targets.

- Reading Framework/Resources/Fidelity to Framework
- Intervention Block/Fidelity Process
- Read 180
- Sheltered Intervention Observation Protocol (SIOP)
- Differentiation and Literacy Training
- Scholastic Reading Inventory/Scholastic Reading Counts
- Academic Vocabulary
- Monthly Literacy Goal Team Meetings
- Lesson Planning/Unit Planning
- Targeted Instruction via after school programming
- Multiple Tiered Systems of Support (MTSS)

6-12 Math

6-12 will improve math proficiency of ALL students to exceed state AMO targets.

- Appalachian State University/Dr. Bosse
- Meredith Institute (HS) /District Math PD (MS)
- Evidence Based Programs- i-Ready
- Georgia Units
- 6-8 PDSA
- Instructional Expectations defined and focused on Mathematical Practices
- Monthly Math Goal Team Meetings
- After School Quality Improvement Grant/Project Lead the Way/AVID
- Multiple Tiered Systems of Support (MTSS)

College and Career READY

9-12 will improve READY measures for ALL students to exceed state AMO targets.

- ACT PDSA
- Graduation Rate Strategic Goal
- Intervention/Enrichment
- Drop-out Prevention
- WorkKeys Review Team

C&I Team's Department Improvement Plan

- For the plan in its entirety, visit The Learning Division's website at:

- http://www.montgomery.k12.nc.us/Page/7090
  - Choose Department Improvement Plan on the left.

References

- Montgomery County Schools. *Learning Division Website*. Retrieved September 8, 2015 from www.montgomery.k12.nc.us .
- North Carolina Department of Public Instruction. *Accountability and Testing Results*. Retrieved September 8, 2015, from http://www.ncpublicschools.org/accountability/reporting/ .
- North Carolina Department of Public Instruction. *The North Carolina 2015 SAT Report.* Retrieved September 11, 2015 from http://www.ncpublicschools.org/accountability/reporting/sat/2015 .

Question, Answer and Comment Session