Hull Public Schools
PARCC Presentation
Grades 3 - 8

December 7, 2015

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Presentation Outline

New Scales and Achievement Levels

Setting a New Baseline

Baseline Performance Data

Median Student Growth Trends

Next Steps

Different Scales and Achievement Levels

PARCC Achievement Levels		Scaled Score Range	MCAS Achievement Levels	Scaled Score Range
Level 5	Exceeded expectations	Varies by grade – 850	Advanced	260-280
Level 4	Met expectations	750 – varies by grade	Proficient	240-258
Level 3	Approached expectations	725-749	Needs improvement	220-238
Level 2	Partially met expectations	700-724		
Level 1	Did not yet meet expectations	650-699	Warning (3-8) Failing (HS)	200-218

2015 PARCC and MCAS Results - Statewide

Percent of Students Scoring *Proficient* or Higher on MCAS or *Meeting Expectations* on PARCC

	English Language Arts			Mathematics		
	PARCC*	MCAS*	Difference	PARCC*	MCAS*	Difference
Grade 3	54%	60%	-6	55%	70%	-15
Grade 4	57%	53%	+4	47%	47%	0
Grade 5	63%	71%	-8	55%	67%	-12
Grade 6	60%	71%	-11	53%	62%	-9
Grade 7	60%	70%	-10	45%	51%	-6
Grade 8	64%	80%	-16	53%	60%	-7
Grade 8 Algebra I	N/A	N/A	N/A	80%	N/A	N/A
All Grades	60%	68%	-8	52%	60%	-8

Setting a New Baseline with PARCC

Establishment of a new baseline

More difficult assessment than MCAS

Questions asked in different ways

Goes beyond multiple choice questions

Requires students to analyze, problem solve, apply knowledge, and think critically

Setting a New Baseline with PARCC

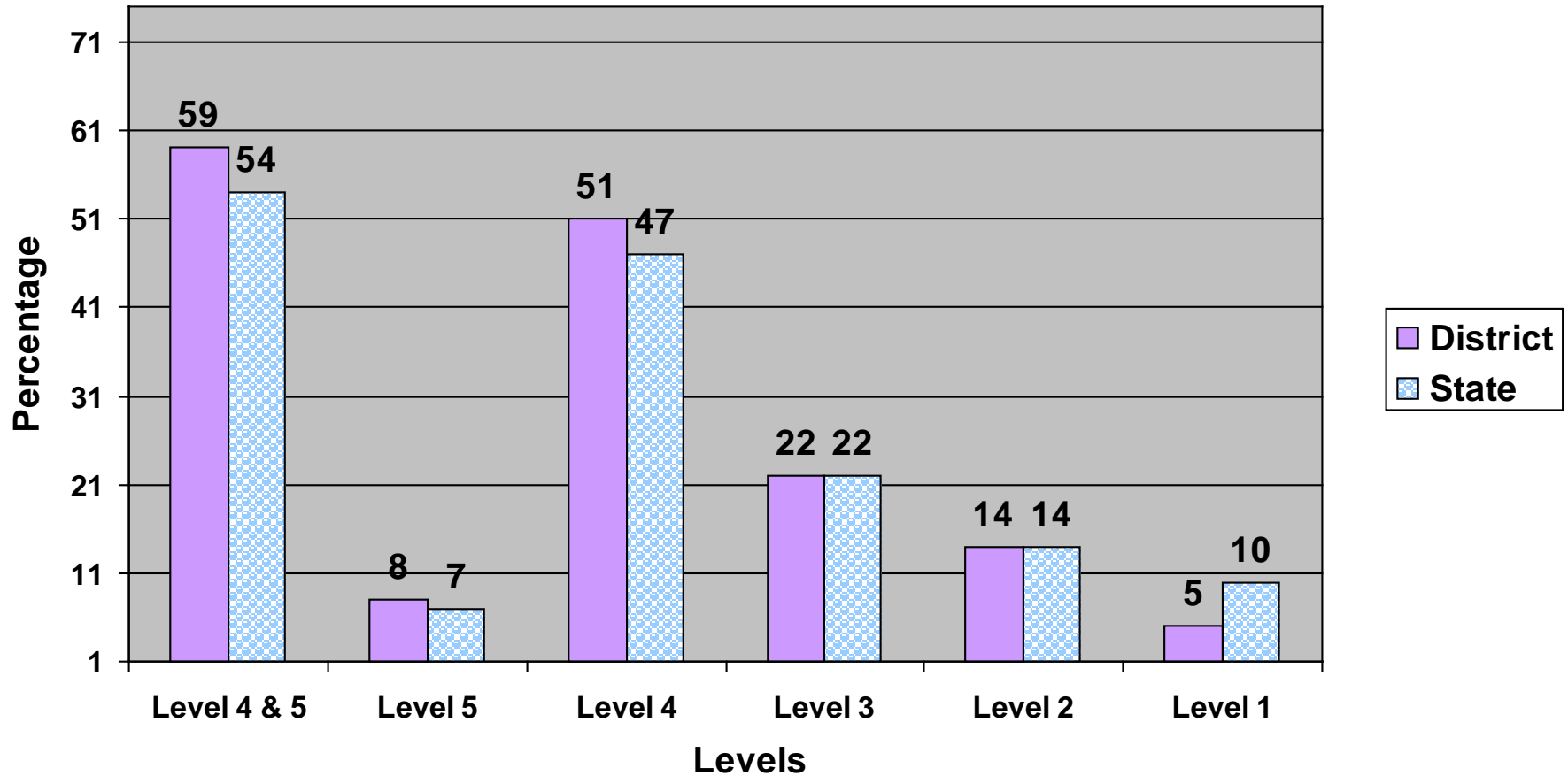Demands students explain their answers and defend their reasoning

PARCC districts held harmless in 2016 for any negative changes in school or district accountability level

All districts held harmless in 2017 when MCAS 2.0 is administered

PARCC Baseline Data

Grades 3 - 8

English Language Arts

Mathematics

Grade Three ELA PARCC Data

Grade Four ELA PARCC Data
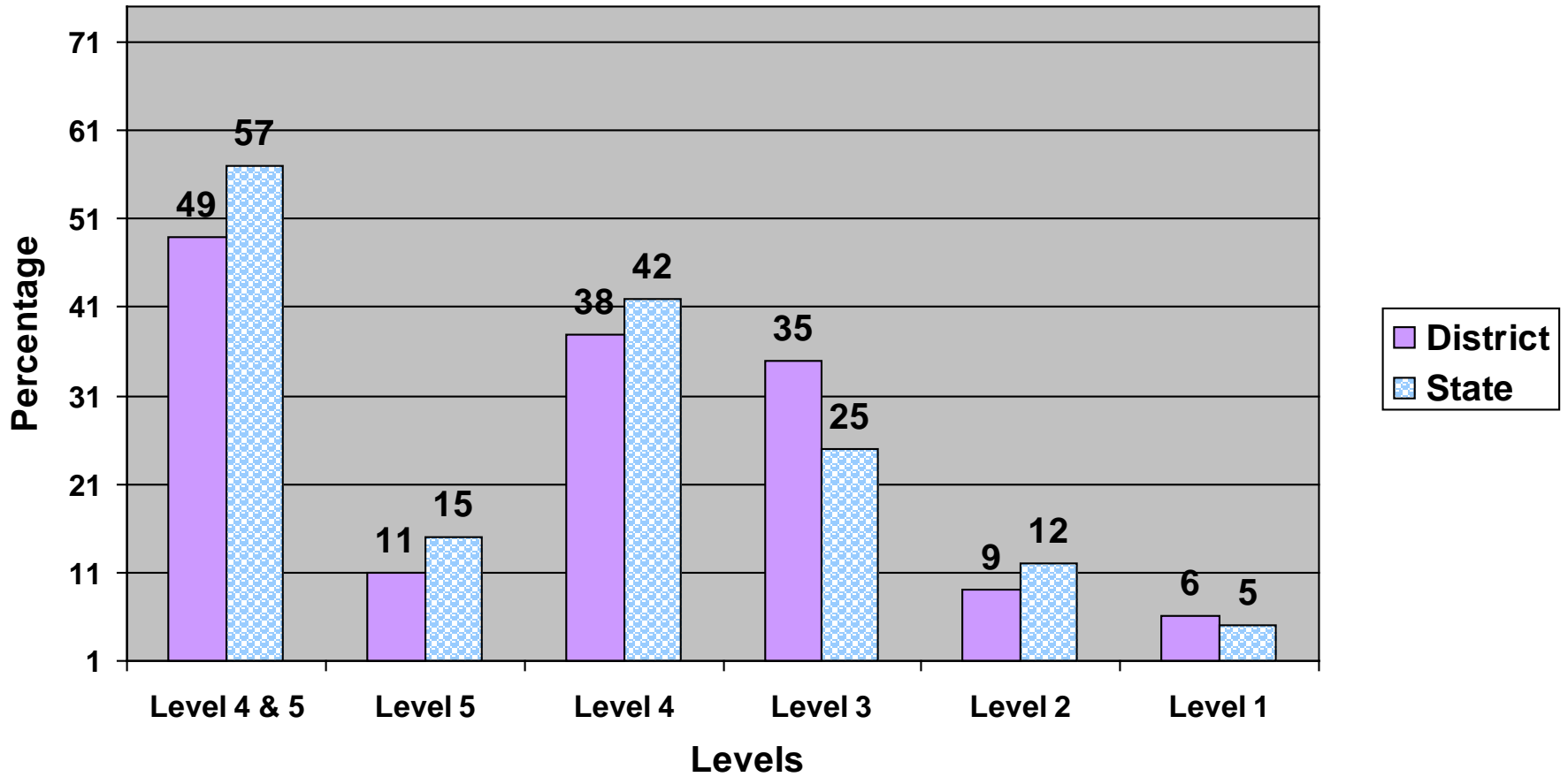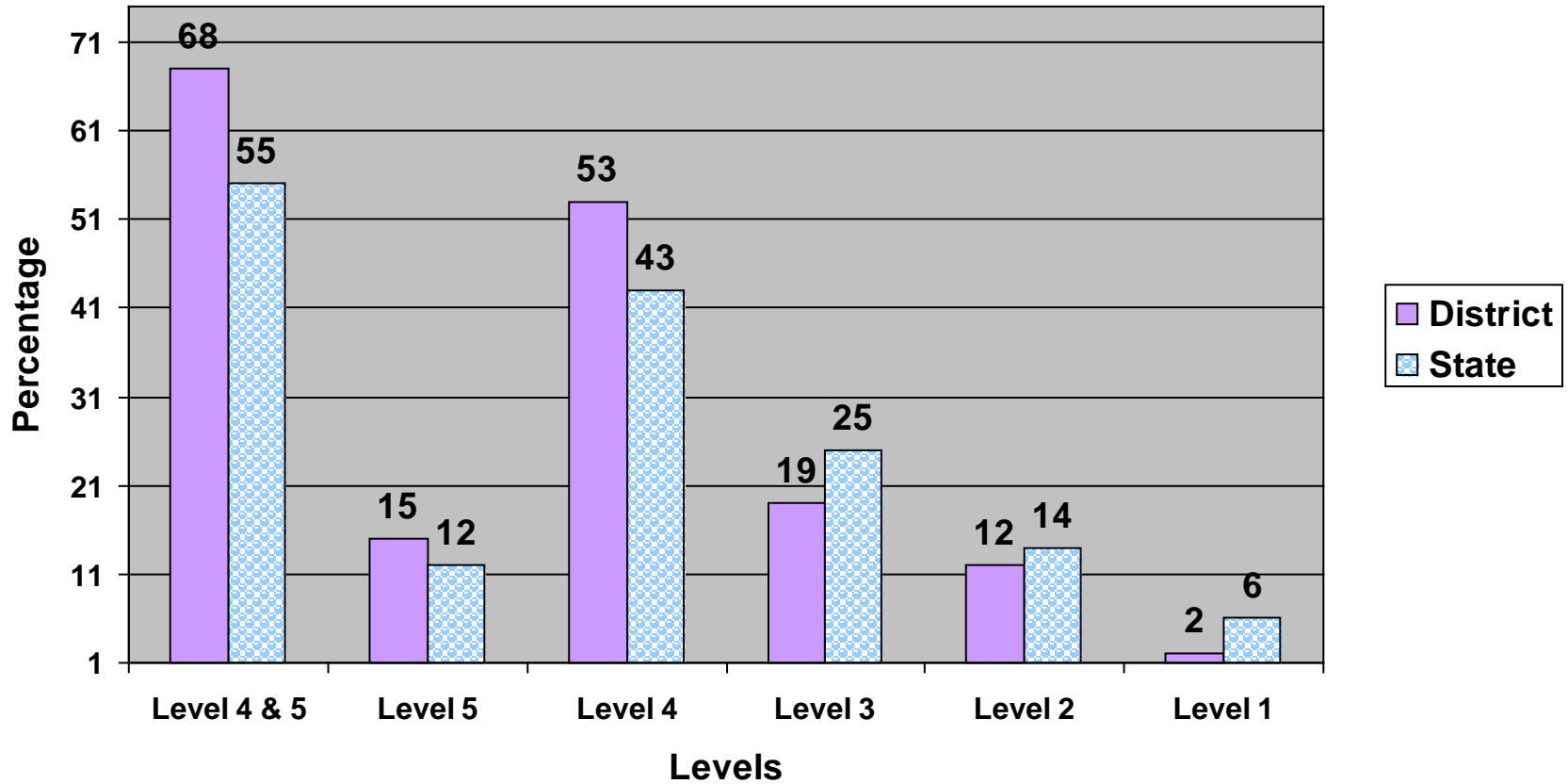
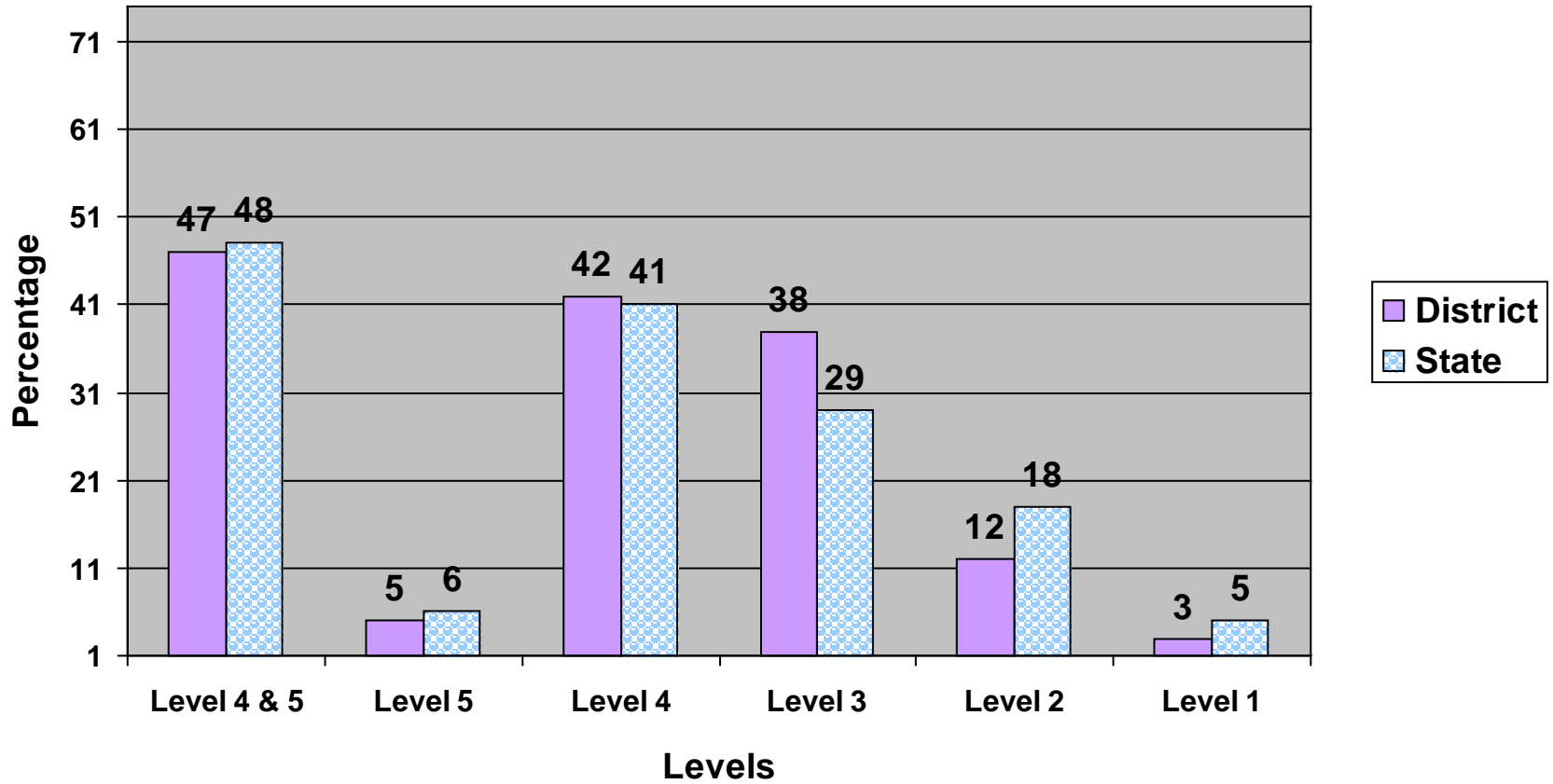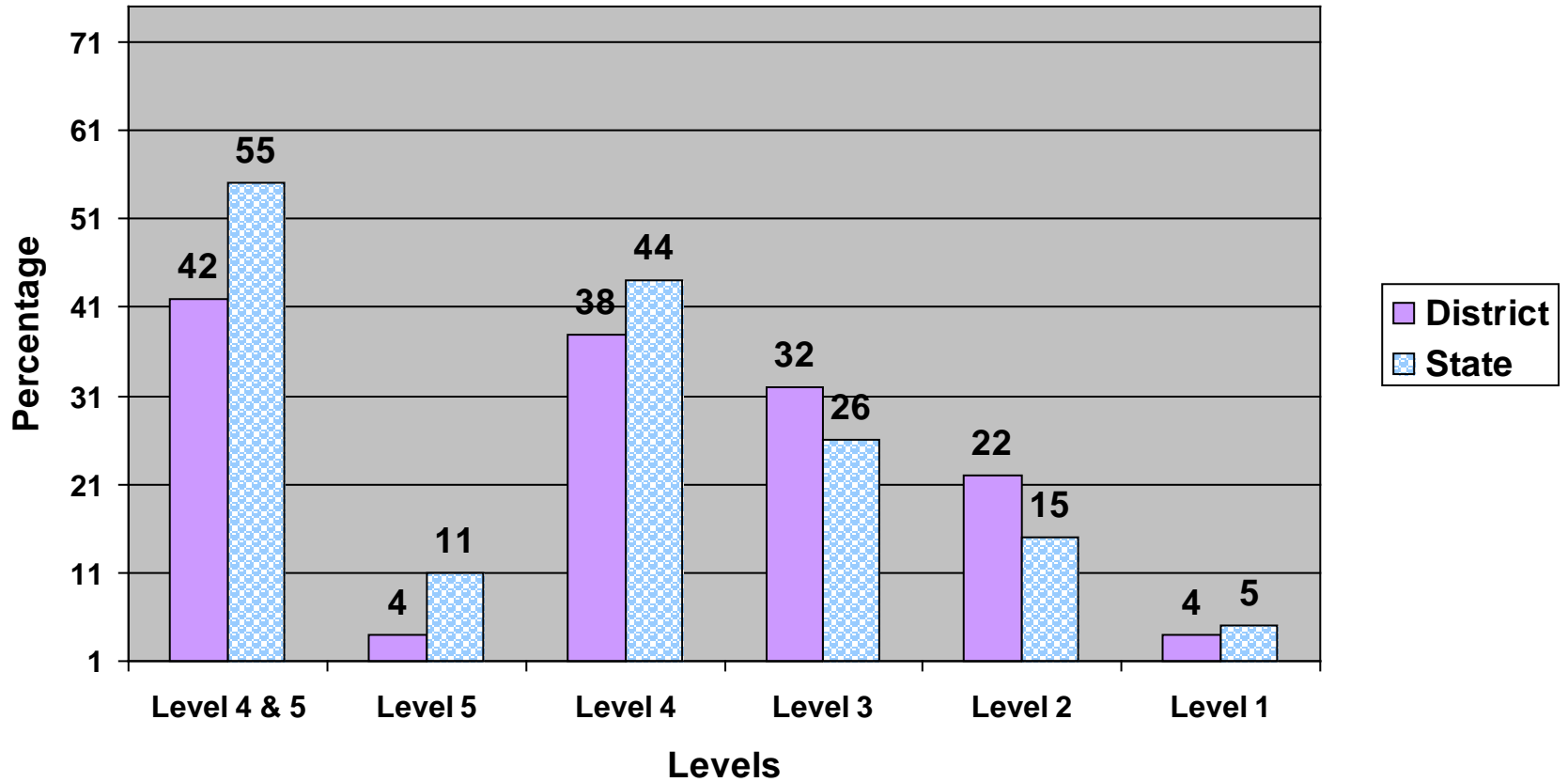# Grade Five ELA PARCC Data
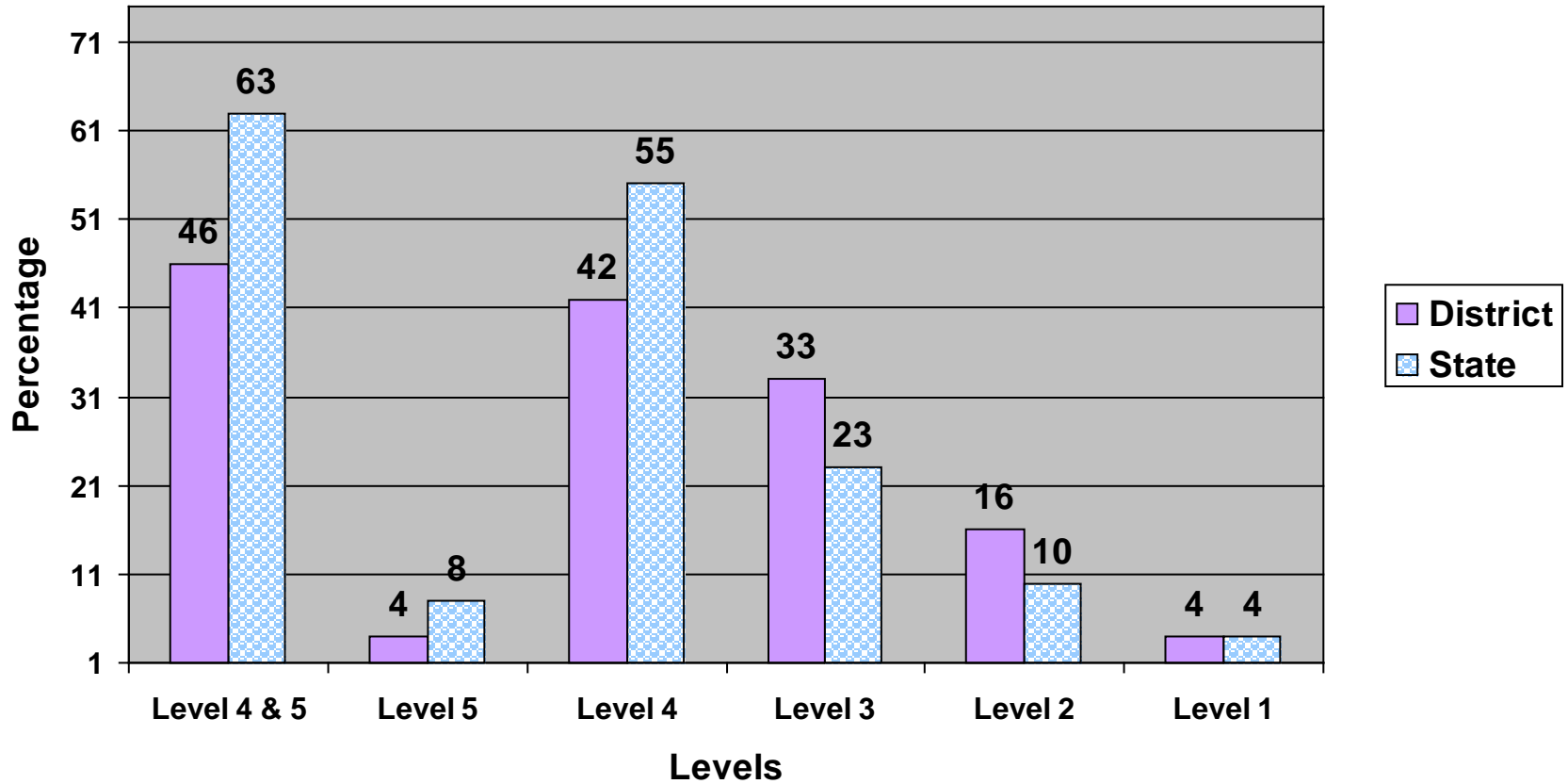
Grade Six ELA PARCC Data
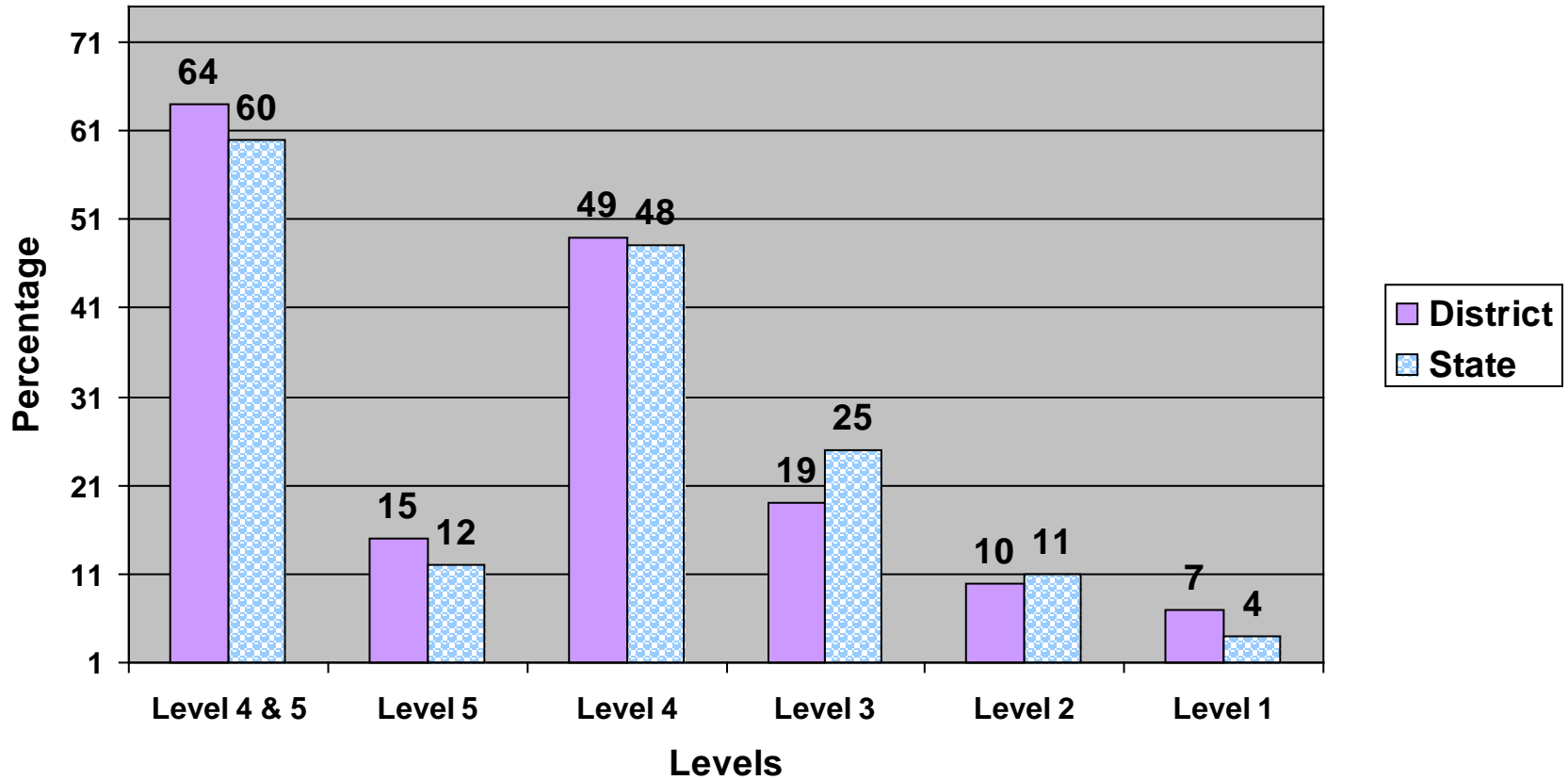
Grade Seven ELA PARCC Data
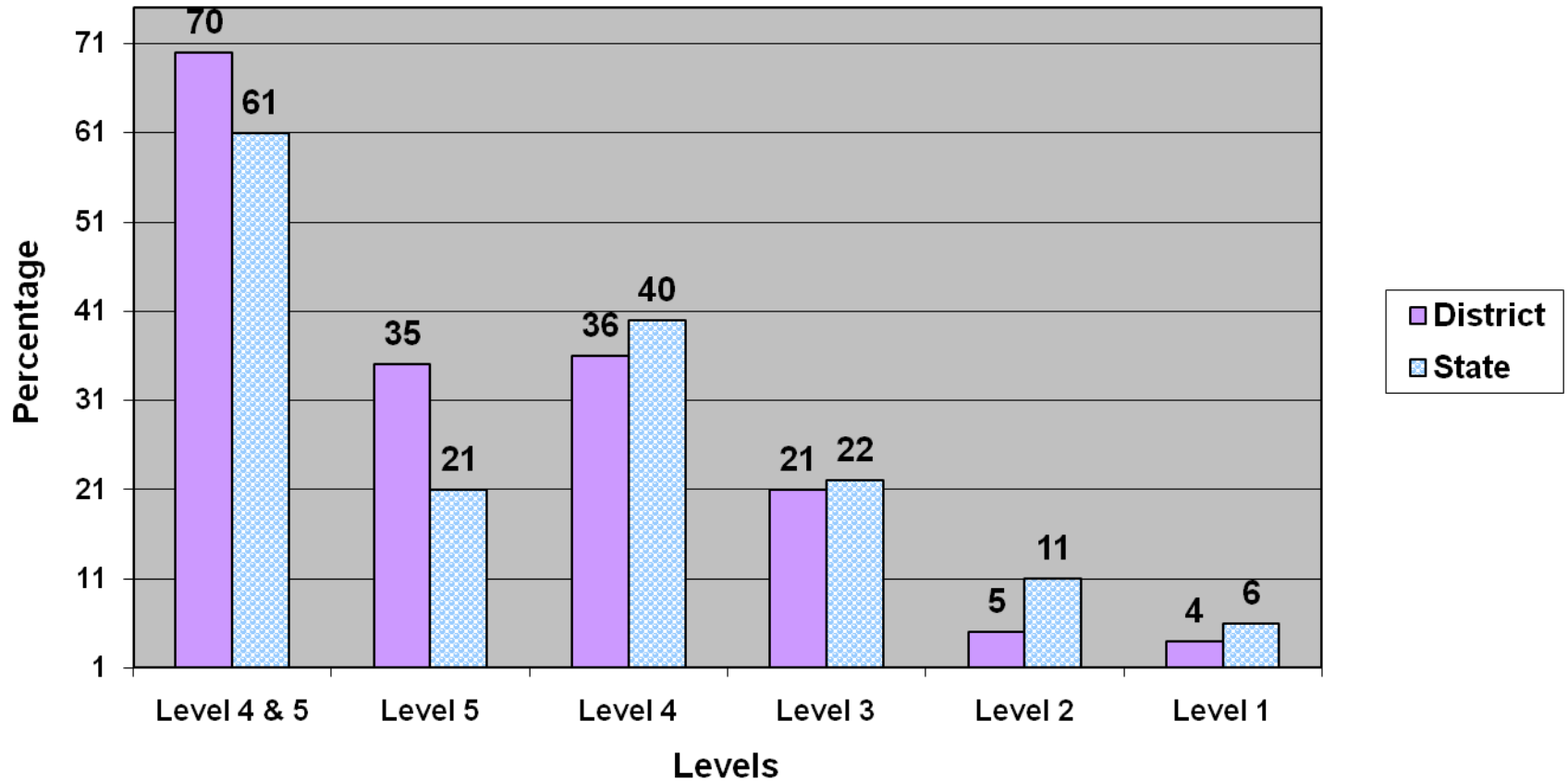
Grade Eight ELA PARCC Data
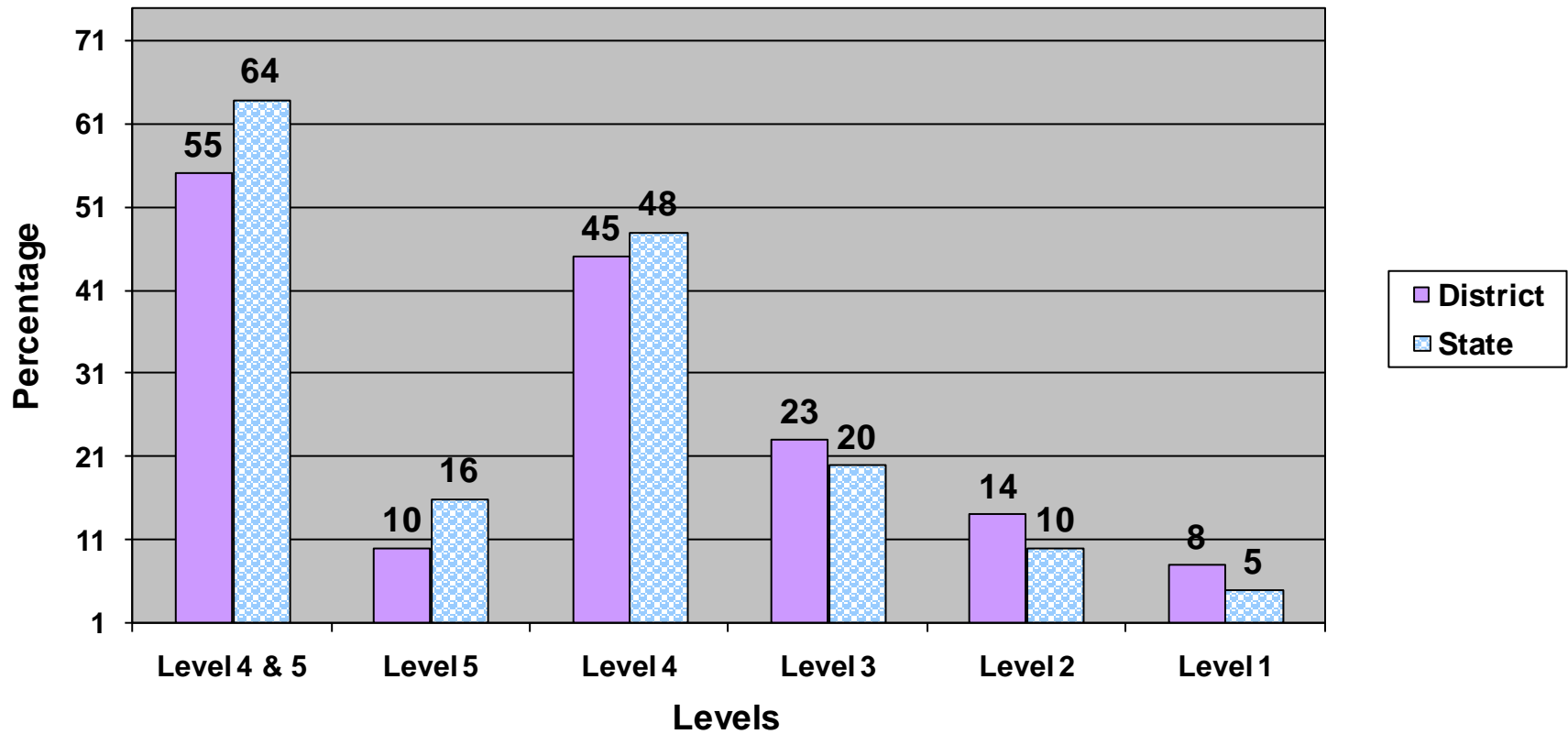
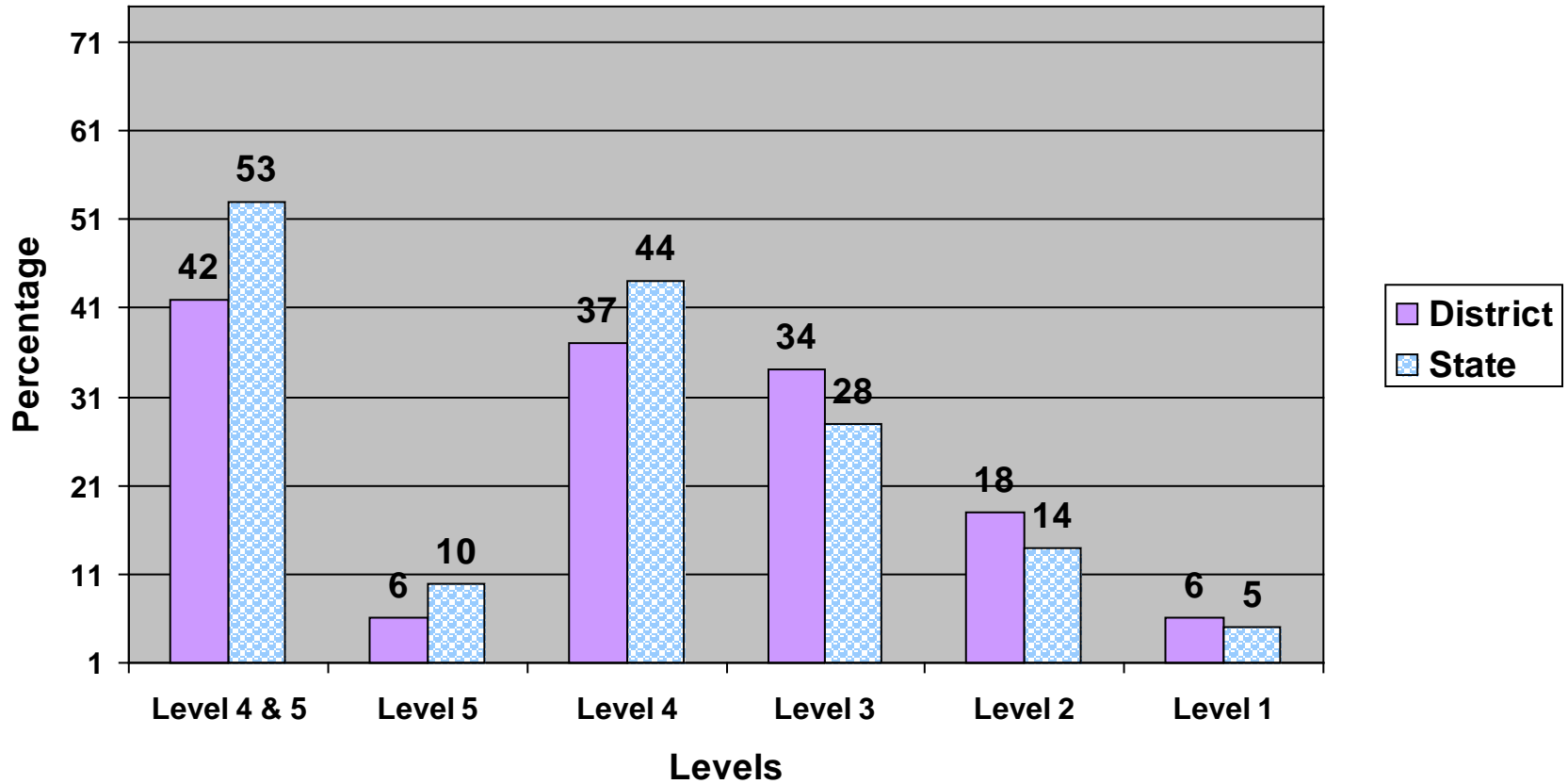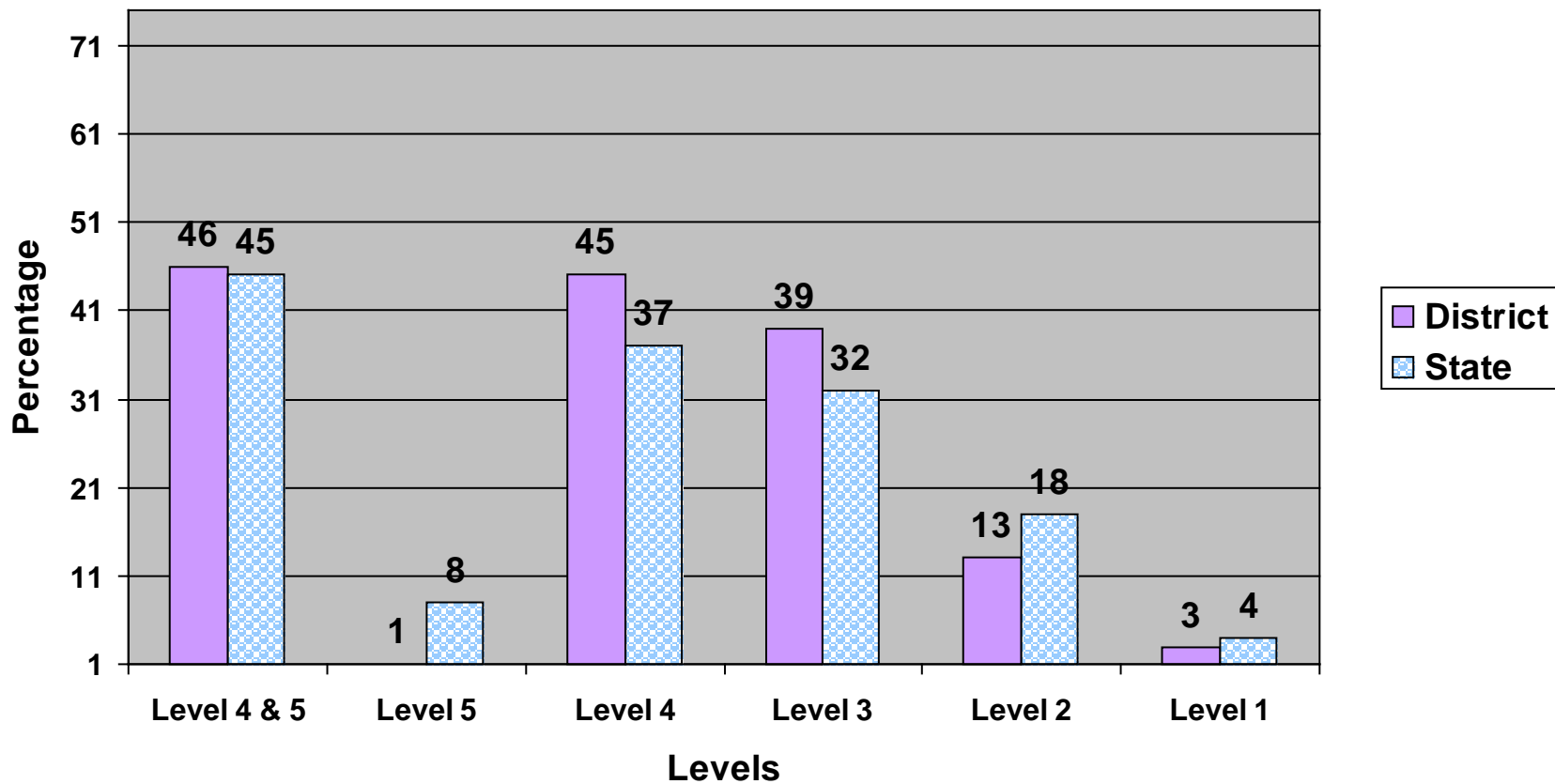# Grade Three Math PARCC Data

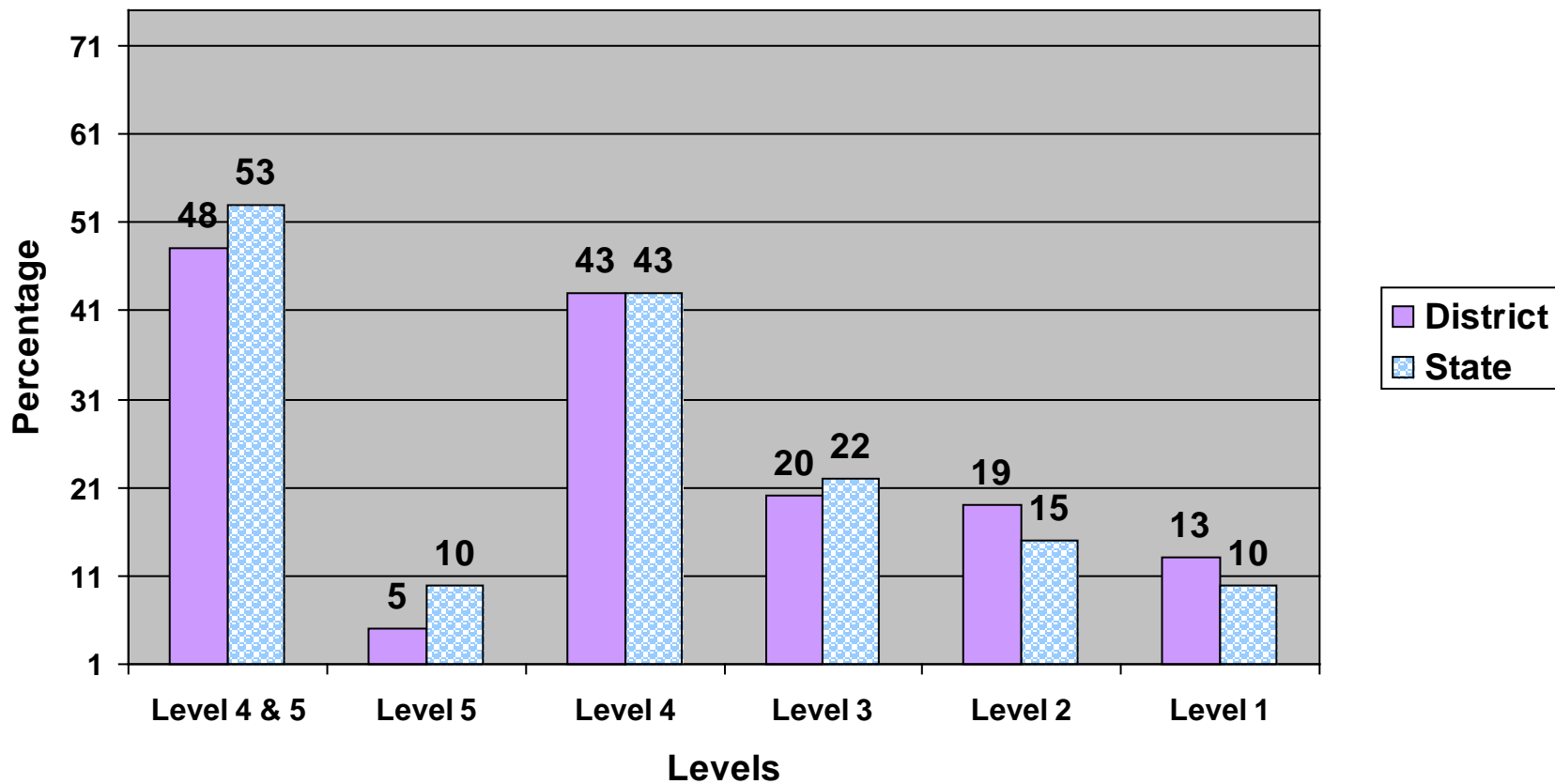# Grade Four Math PARCC Data

Grade Five Math PARCC Data

Grade Six Math PARCC Data
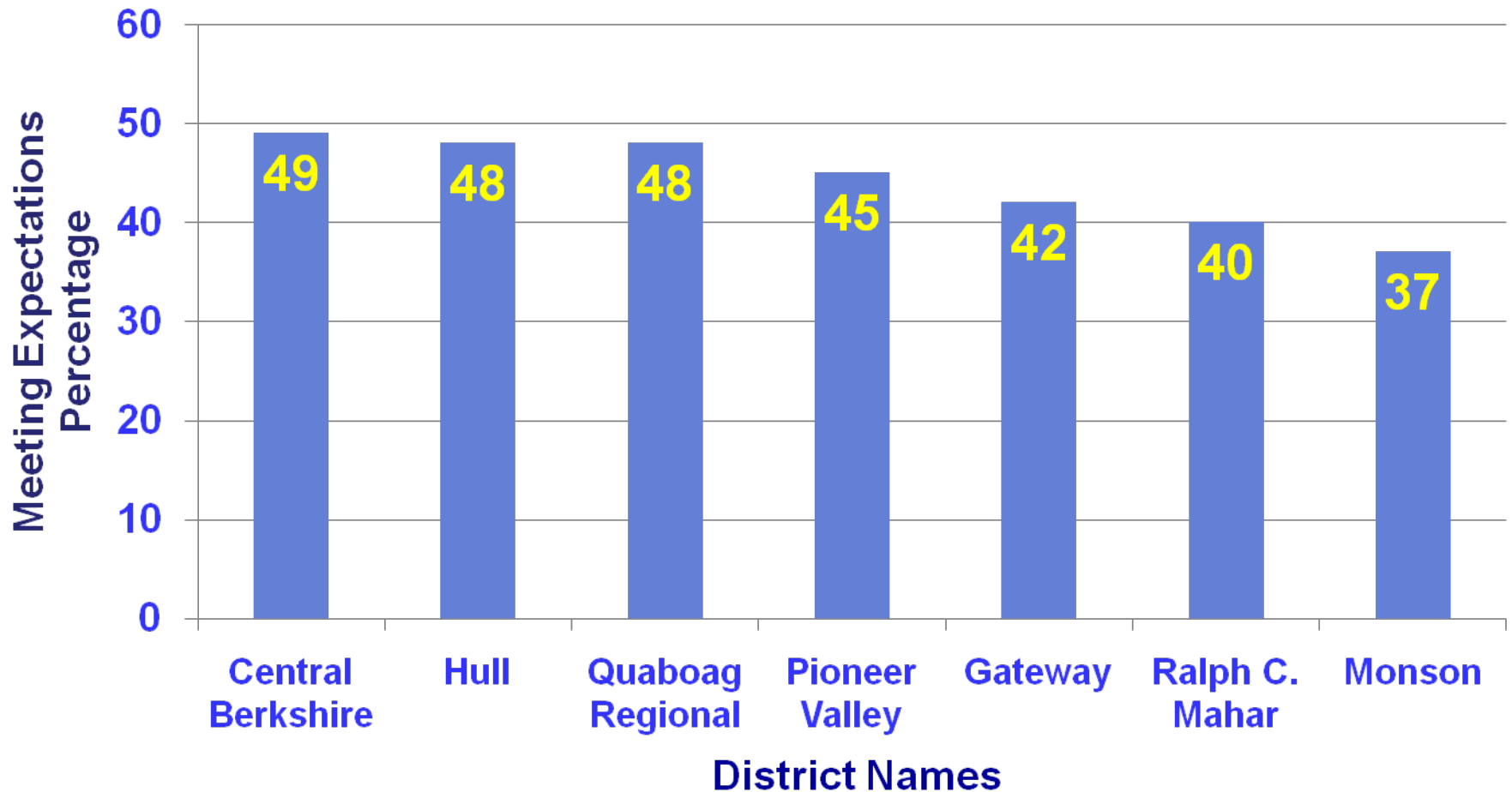
Grade Seven Math PARCC Data

Grade Eight Math PARCC Data
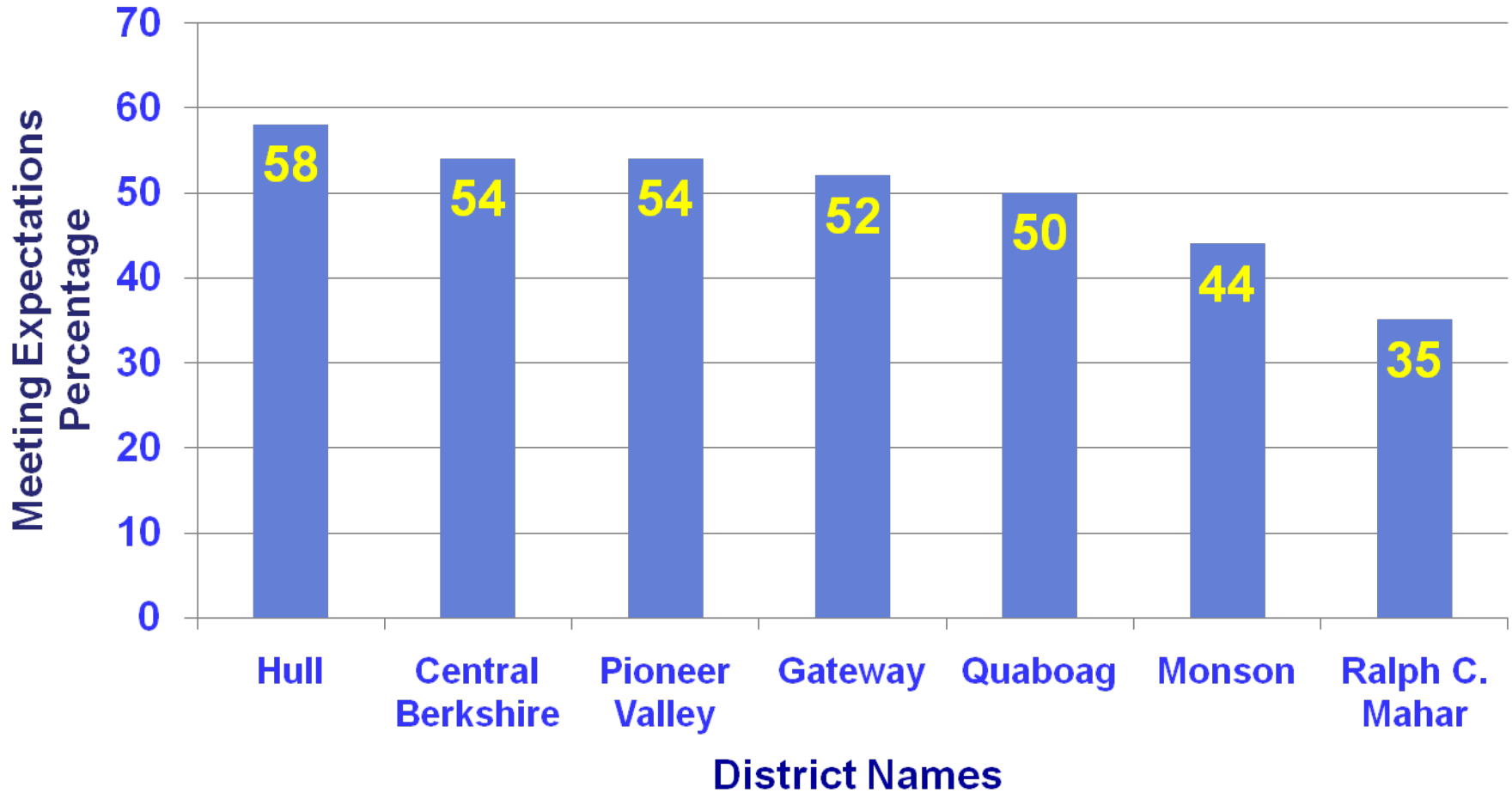
PARCC DARTs
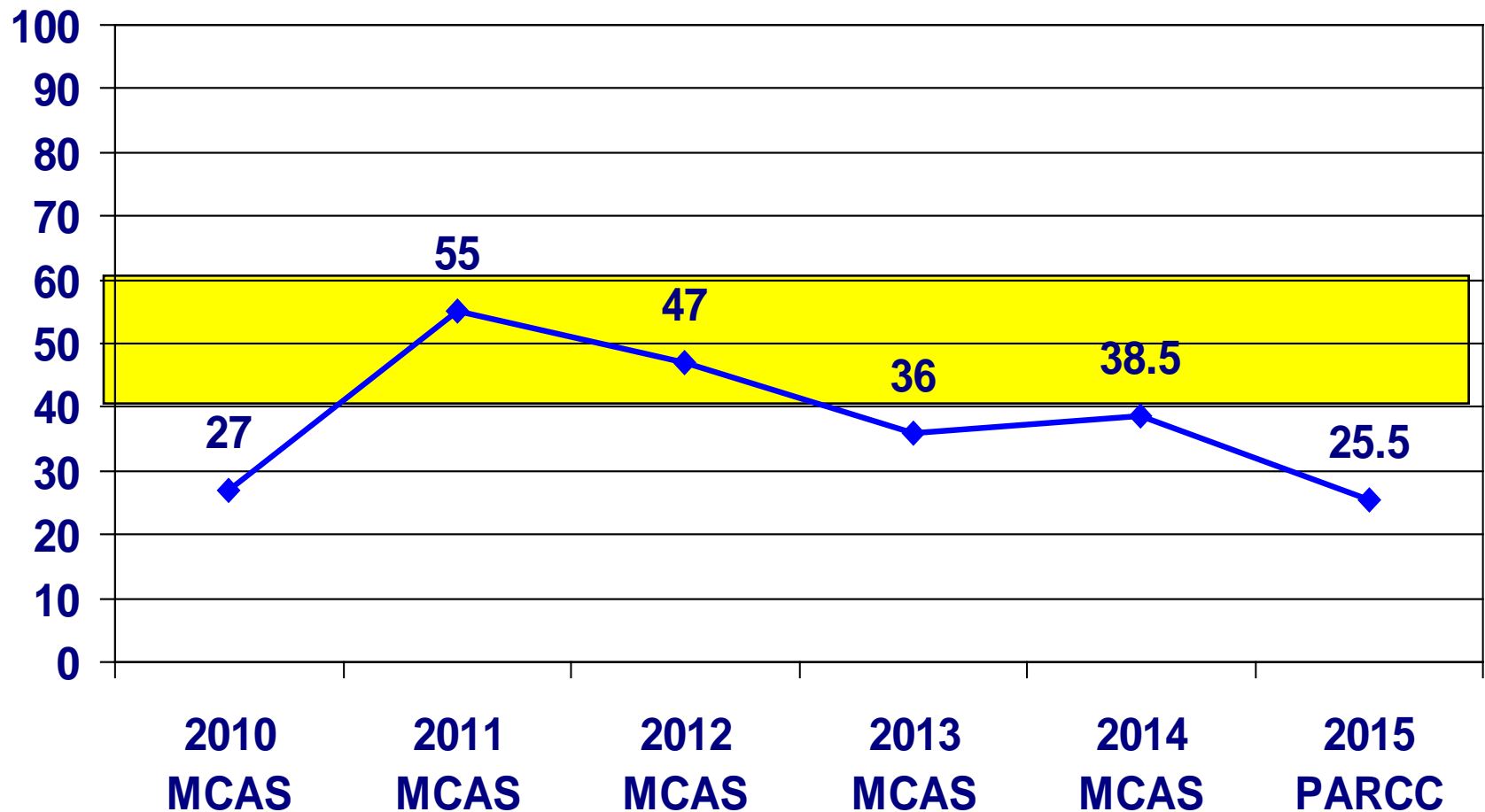# Grades 3 - 8
Mathematics Meeting

PARCC DARTs
Grades 3 - 8
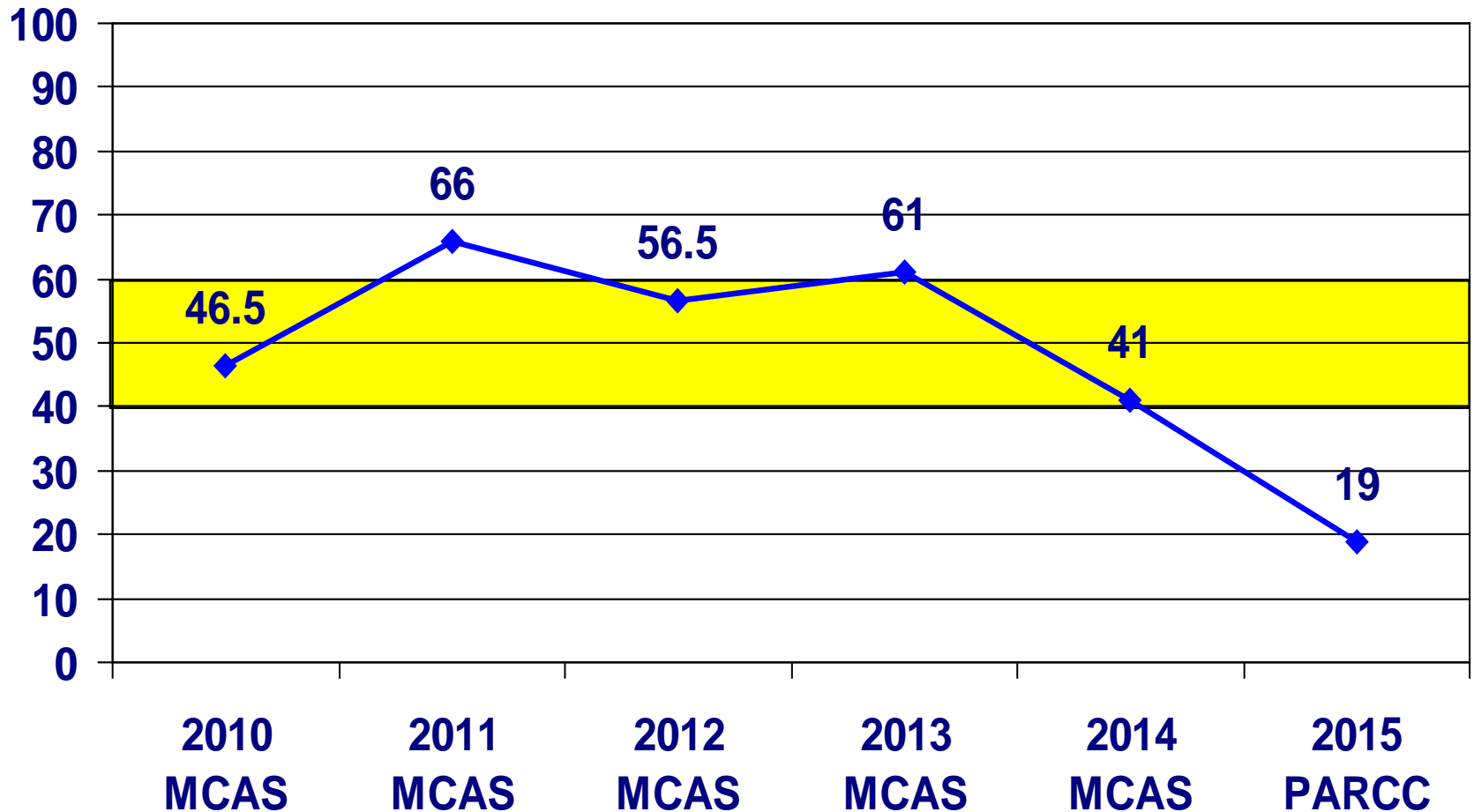English Language Arts Meeting

Hull Public Schools
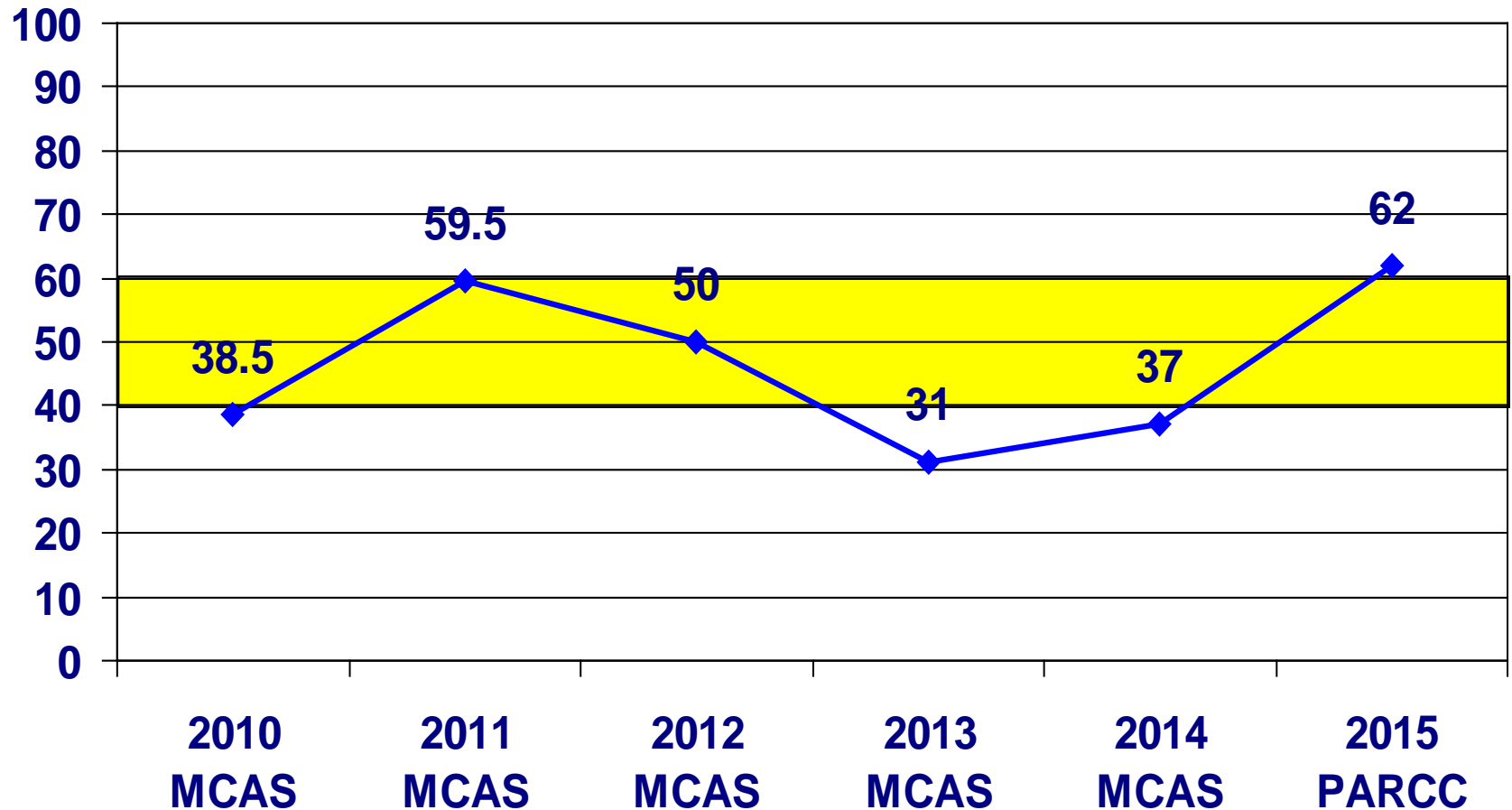
MCAS/PARCC Student Growth
2010 through 2015
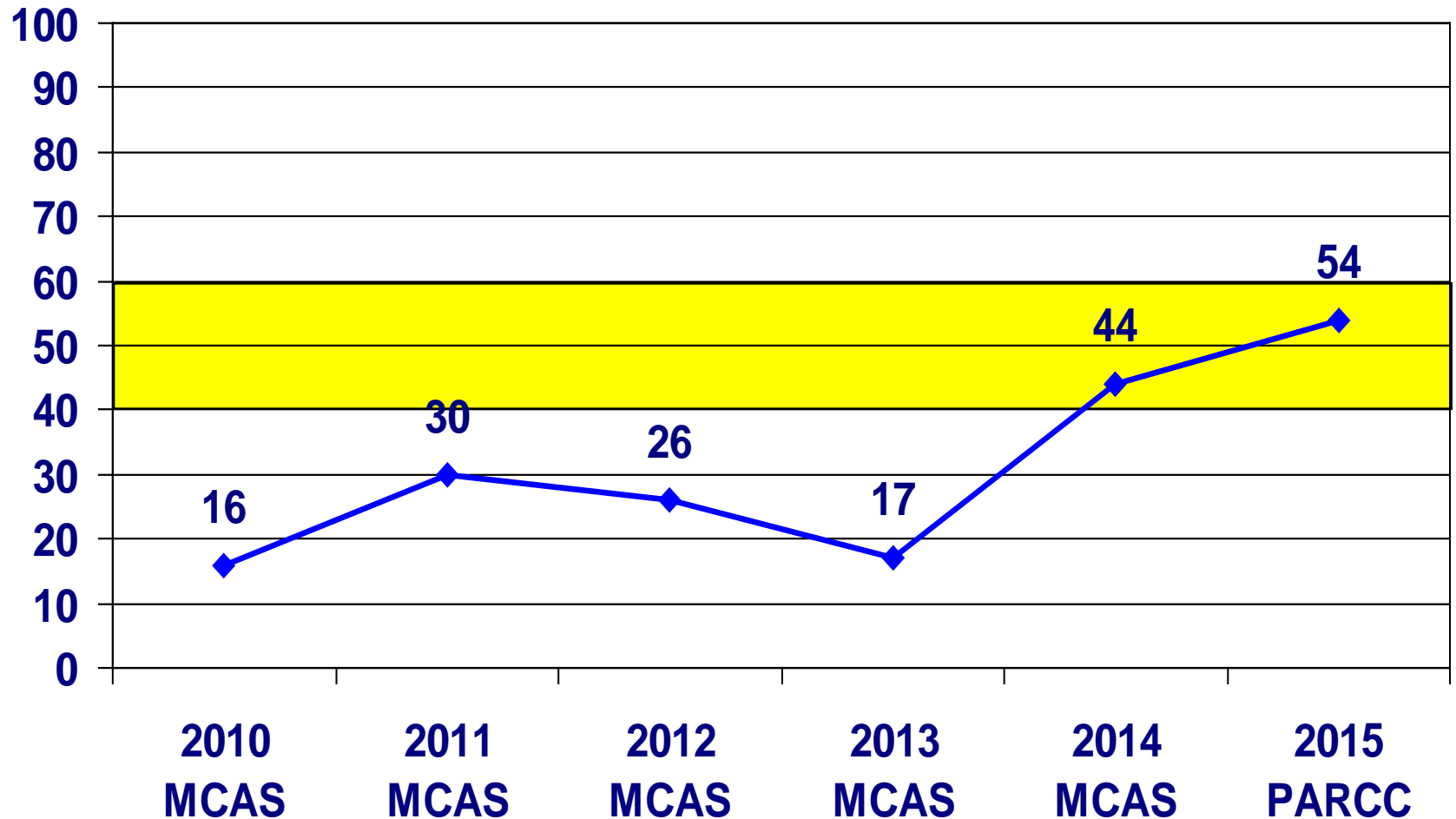
Median SGP - English Language Arts Grade 4

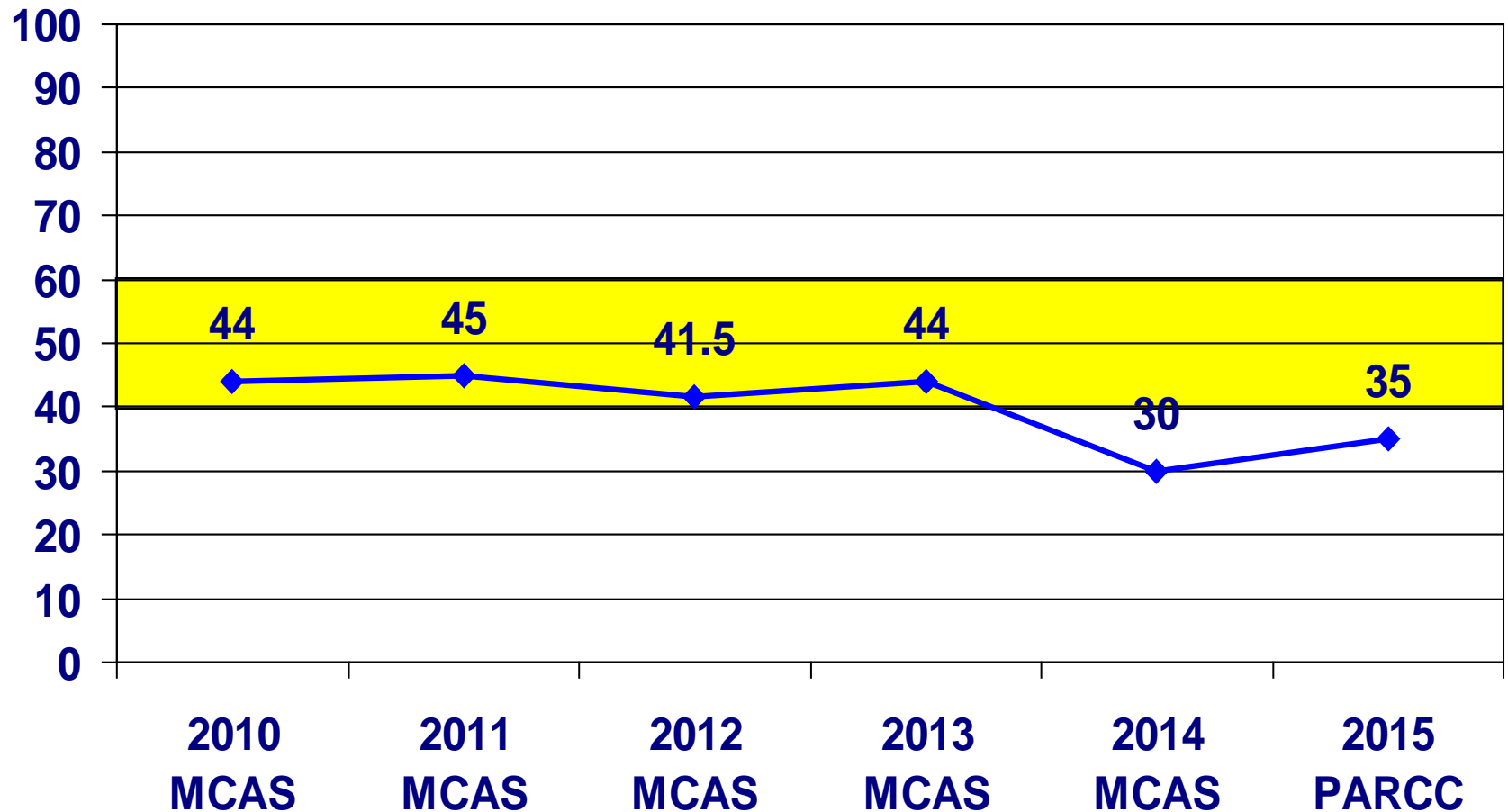# Median SGP - English Language Arts Grade 5
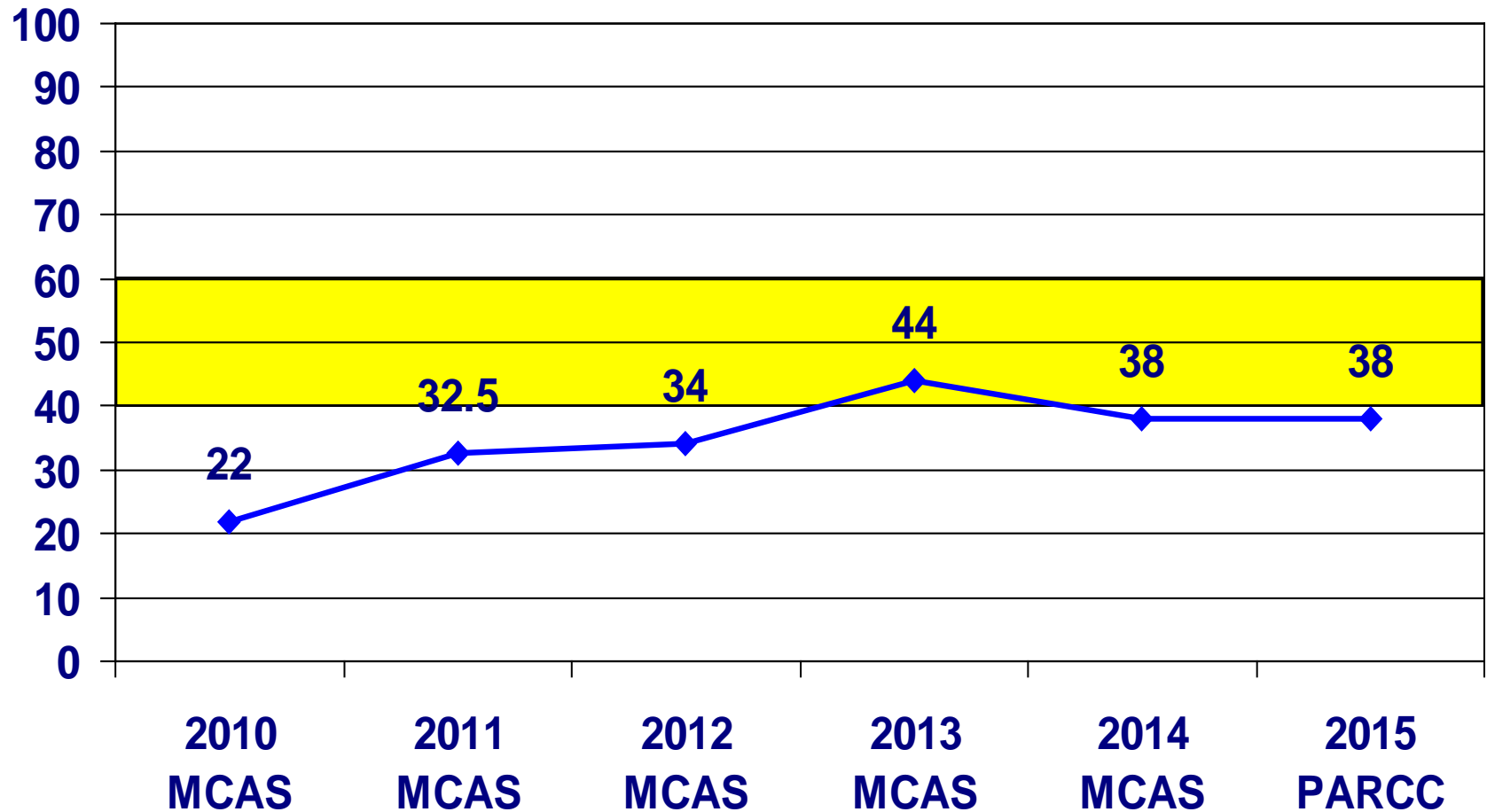
Median SGP - English Language Arts Grade 6
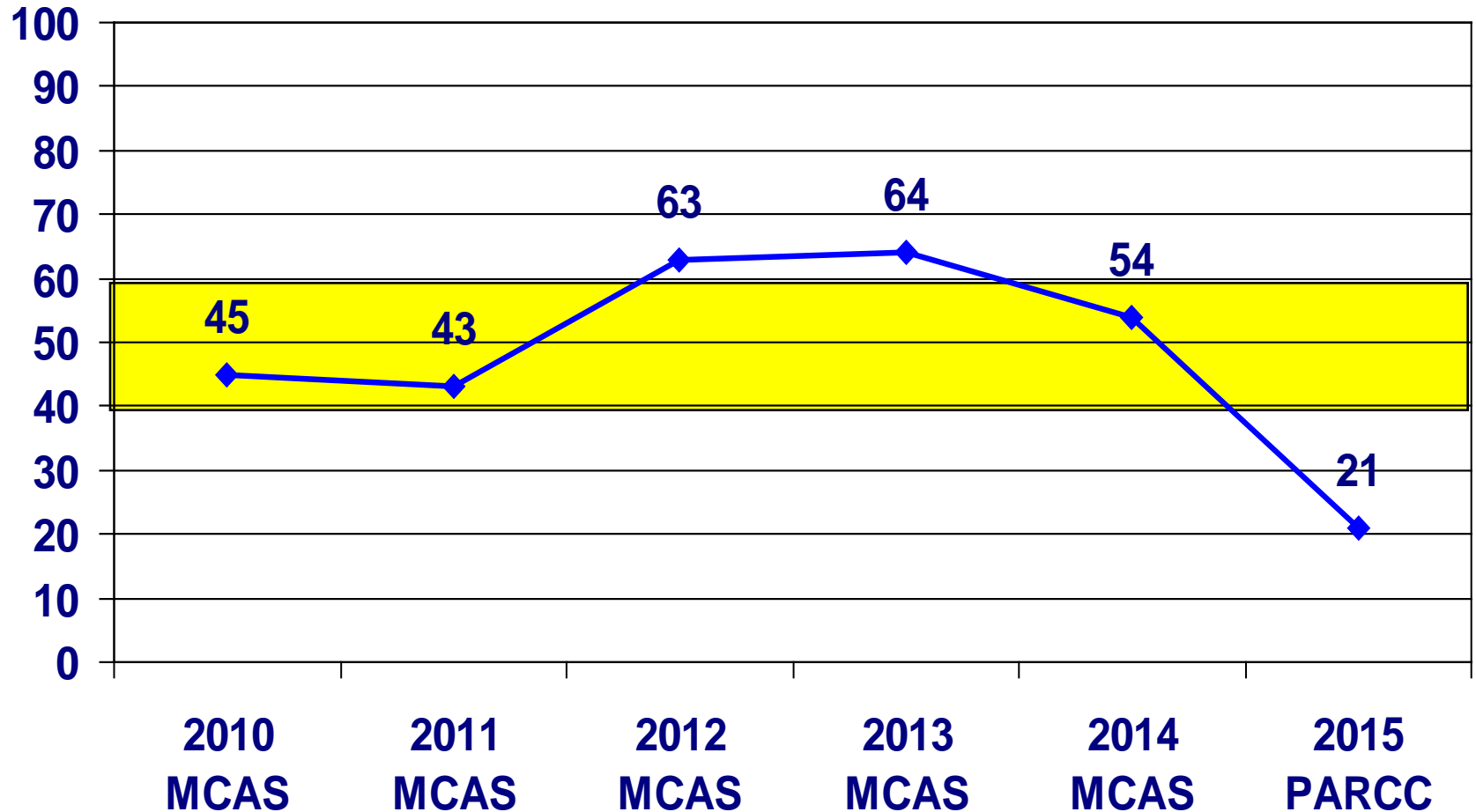
Median SGP - English Language Arts Grade 7

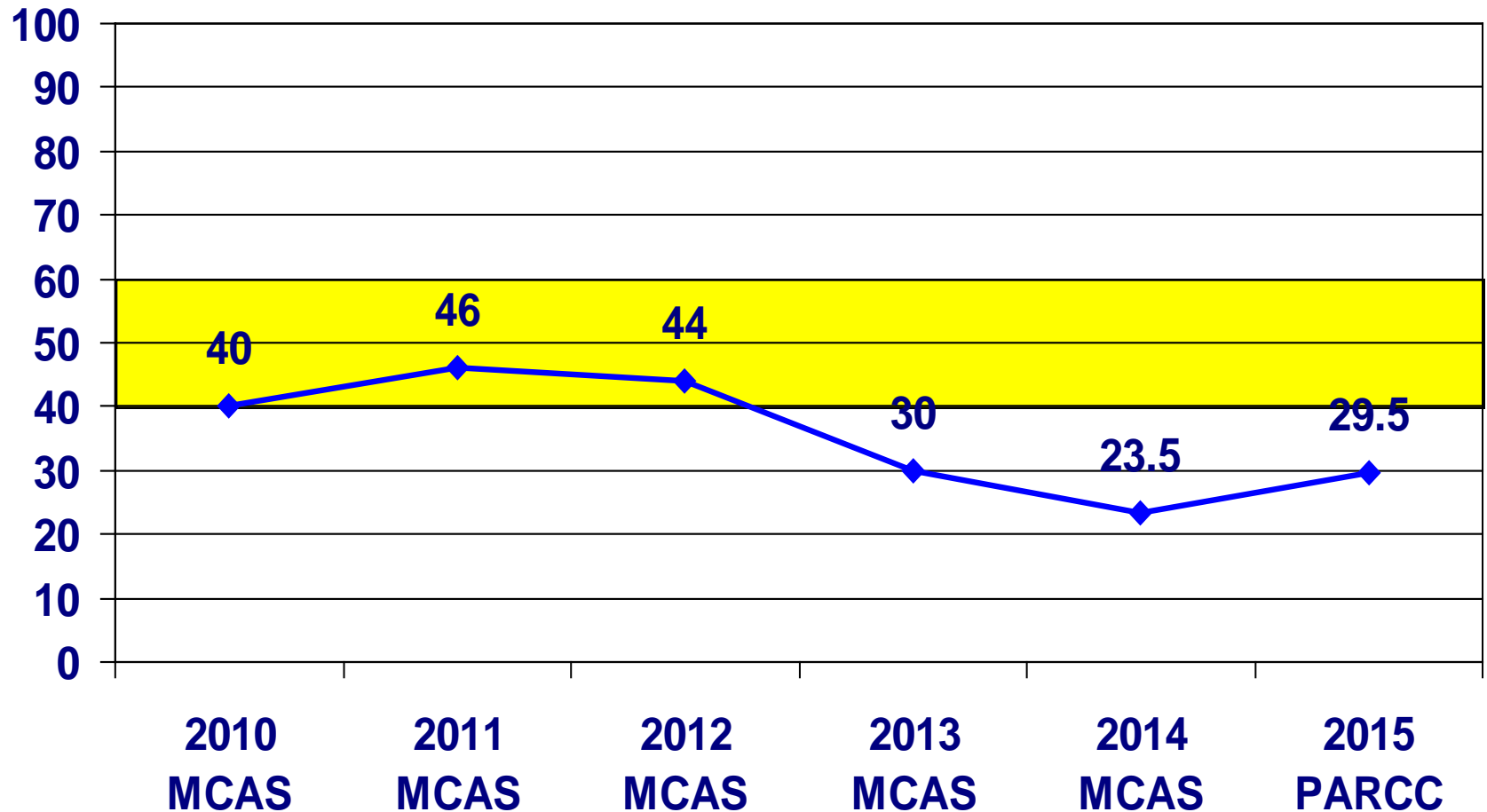# Median SGP - English Language Arts Grade 8
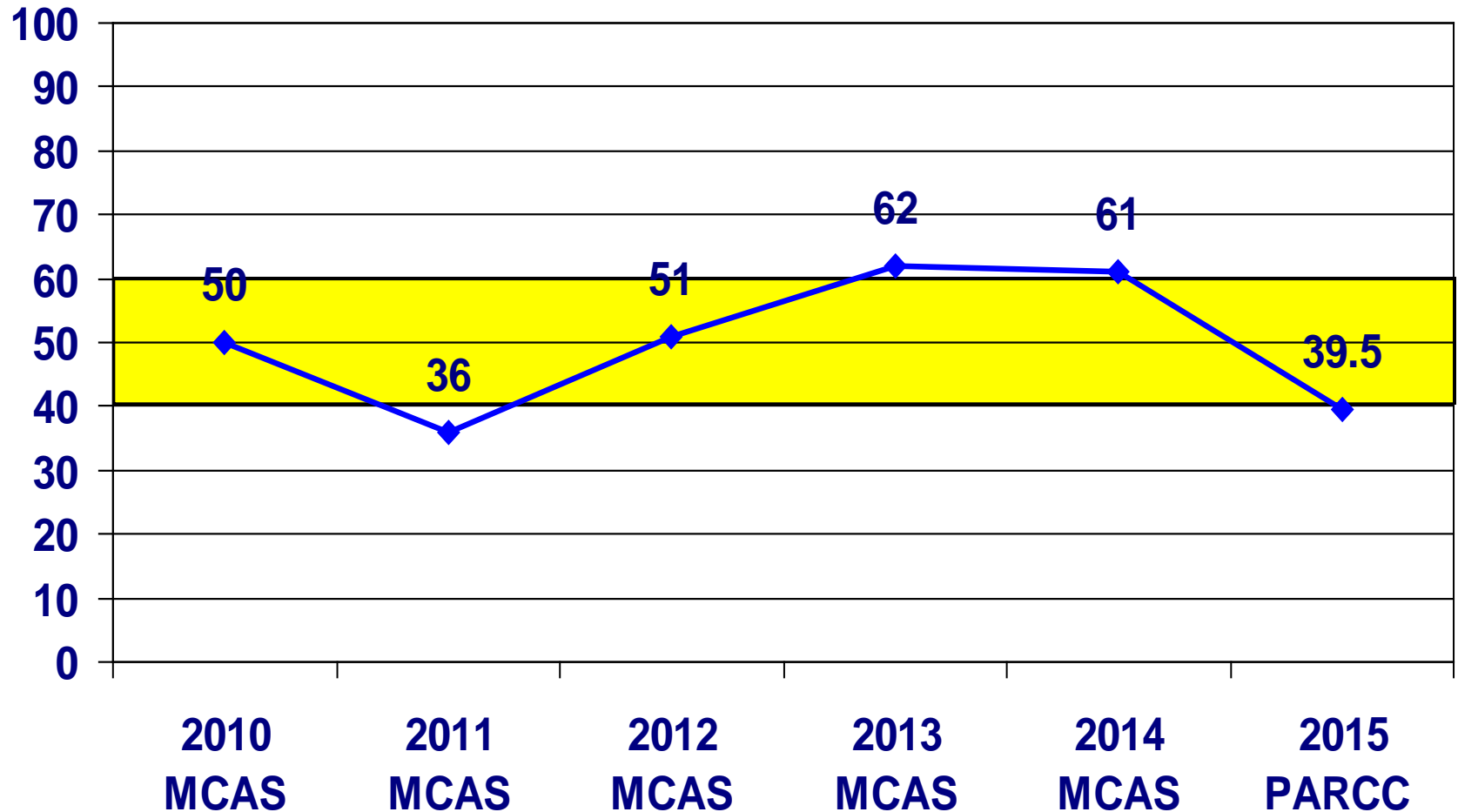
Median SGP – Mathematics Grade 4

Median SGP – Mathematics Grade 5

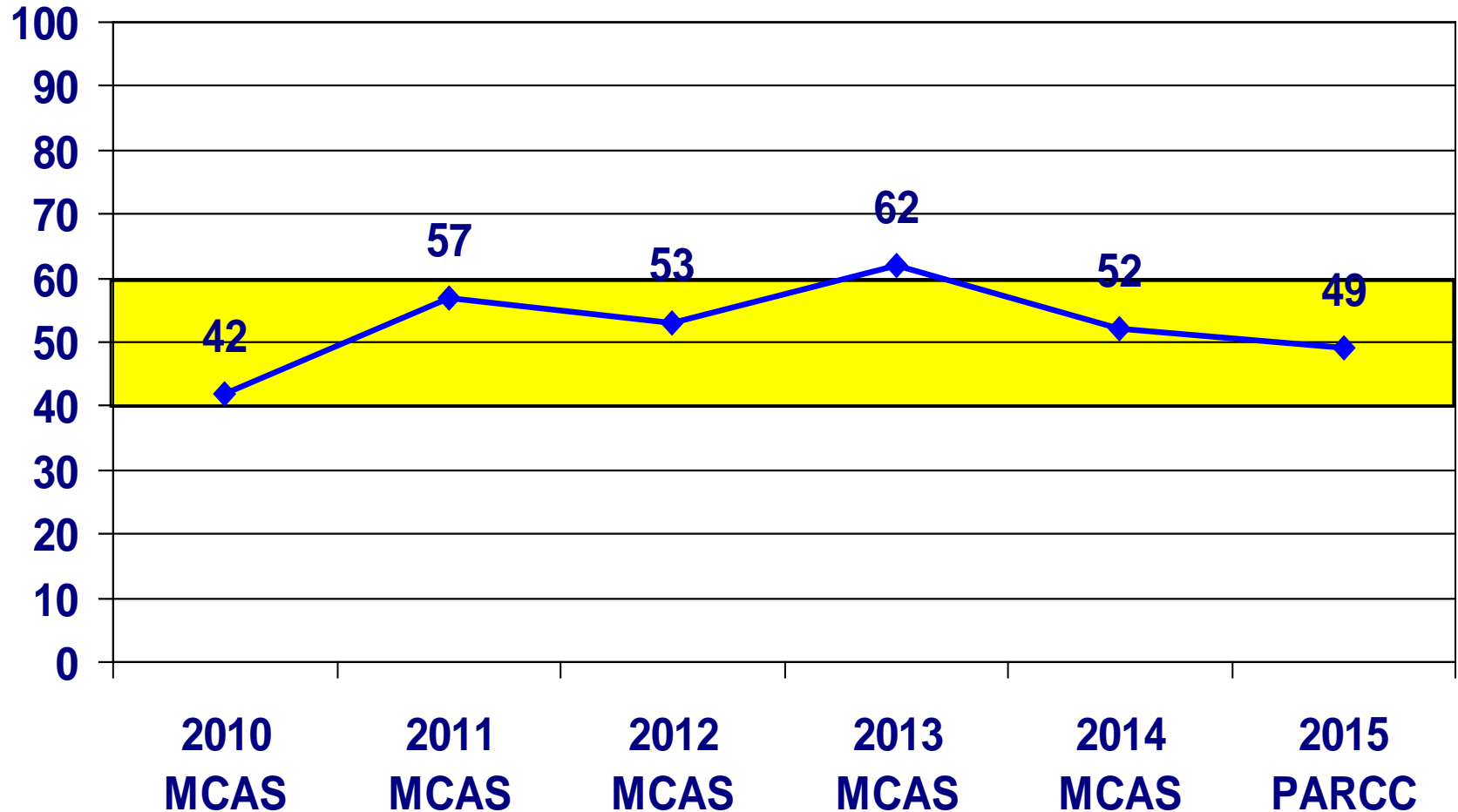# Median SGP – Mathematics Grade 6

Median SGP – Mathematics Grade 7

Median SGP – Mathematics Grade 8

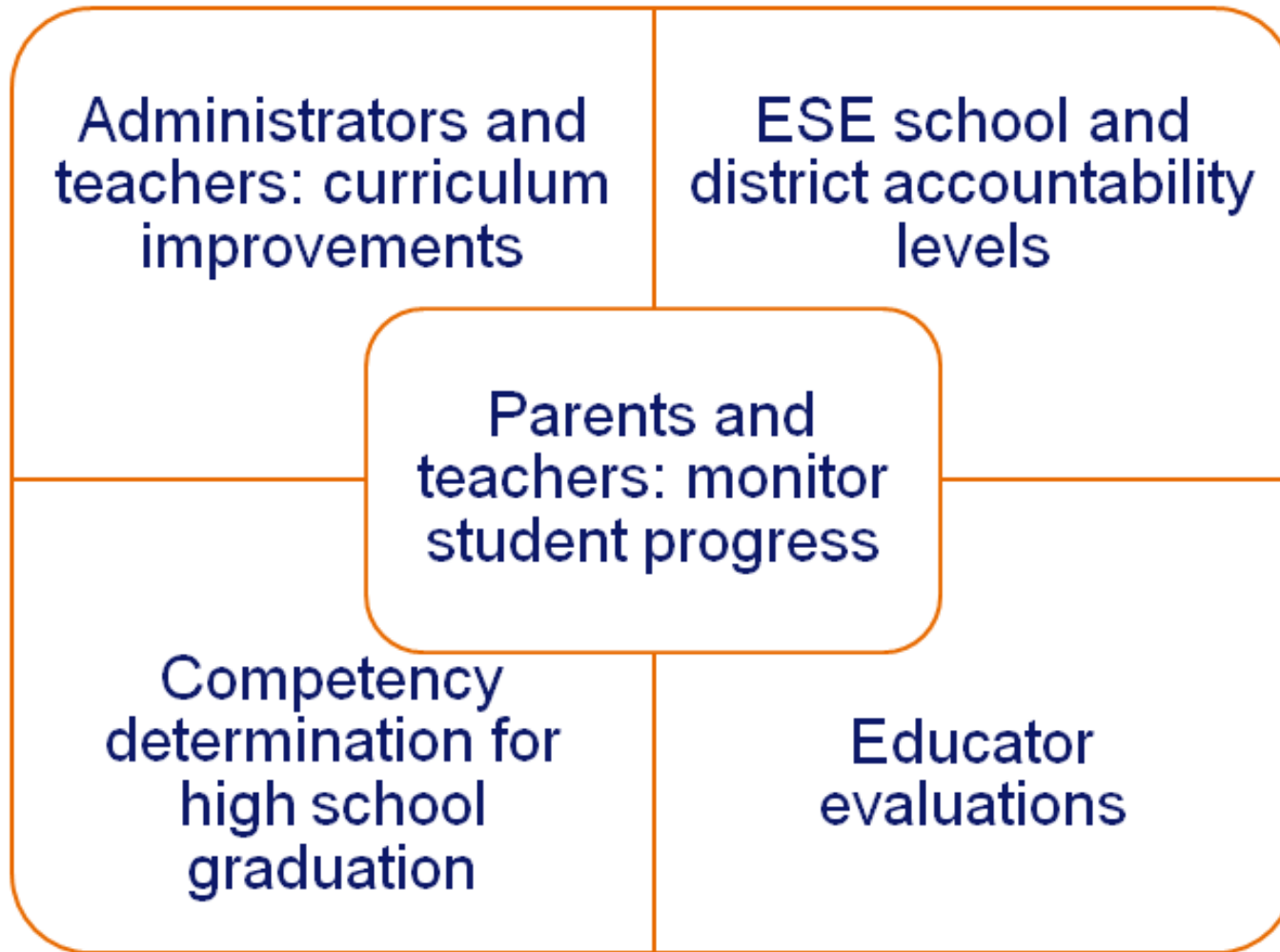# Use of Student Assessment Results

Administrators and teachers: curriculum improvements

ESE school and district accountability levels

Parents and teachers: monitor student progress

Competency determination for high school graduation

Educator evaluations

Grades 3 – 8 Next Steps

Computer-based assessment vs. paper-based assessment

Strengthen integration of technology into the curriculum

Use student score reports to prompt conversations between parents, teachers and students so they work together to ensure student success

Grades 3 – 8 Next Steps

Continue to support teachers with upgrading curriculum and instruction to align with English language arts and mathematics frameworks

Analyze student data to determine what parts of curriculum are effective and where instruction needs to be strengthened

Continue to discuss best practices to narrow the proficiency gaps

Students are just as smart, but the bar has been raised!

In time, student scores will improve!