

RAHWAY PUBLIC SCHOOLS 2016 DISTRICT TESTING REPORT

October 18, 2016

**PARCC RESULTS:
SPRING 2015 AND SPRING 2016
ADMINISTRATIONS**

Measuring
College and
Career
Readiness

NEW JERSEY'S STATEWIDE ASSESSMENT PROGRAM

- 2016 marks the 2nd administration of the Partnership for Assessment of Readiness for College and Careers (PARCC) and the first opportunity to compare year-to-year results as the following slides will show.
- Students took PARCC English Language Arts and Literacy Assessments (ELA/L) in grades 3 – 11.
- Students took PARCC Mathematics Assessments in grades 3 – 8 and End of Course Assessments in Algebra I, Geometry, and Algebra II.

PARCC PERFORMANCE LEVELS

- **Level 1:** Not yet meeting grade-level expectations
- **Level 2:** Partially meeting grade-level expectations
- **Level 3:** Approaching grade-level expectations
- **Level 4:** Meeting grade-level expectations
- **Level 5:** Exceeding grade-level expectations

RAHWAY'S 2015 AND 2016 PARTICIPATION RATES

Grade	ELA/L Spring 2015	ELA/L Spring 2016
Grade 3	96%	96%
Grade 4	95%	98%
Grade 5	96%	97%
Grade 6	95%	97%
Grade 7	94%	95%
Grade 8	95%	93%
Grade 9	71%	91%
Grade 10	62%	97%
Grade 11	44%	75%

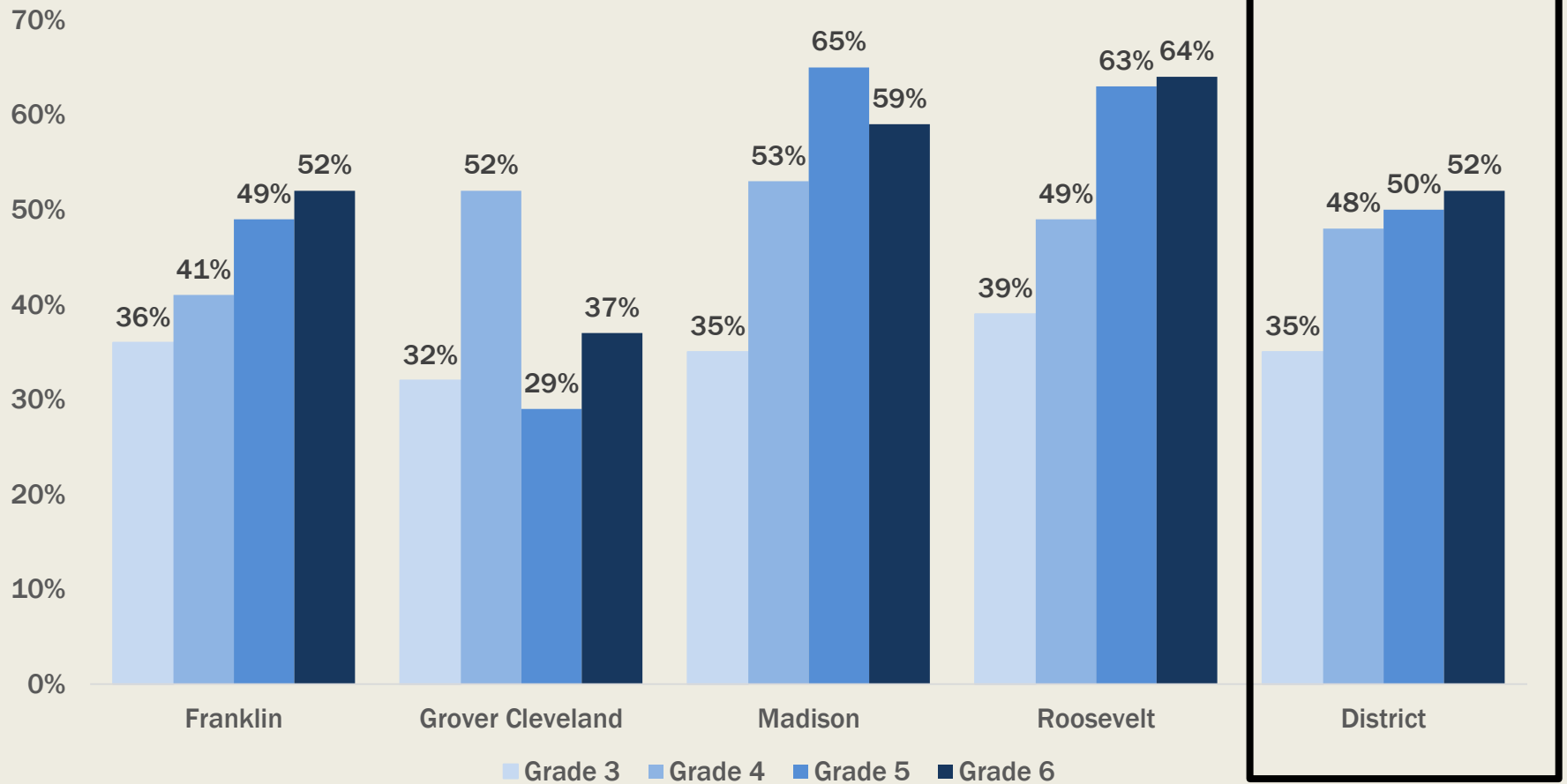
Grade	Math Spring 2015	Math Spring 2016
Grade 3	97%	96%
Grade 4	95%	98%
Grade 5	96%	97%
Grade 6	96%	99%
Grade 7	88%	97%
Grade 8	97%	96%
Algebra I-RHS	79%	99%
Geometry-RHS	70%	95%
Algebra II-RHS	44%	87%

*Percentages are approximate.

English Language Arts/Literacy

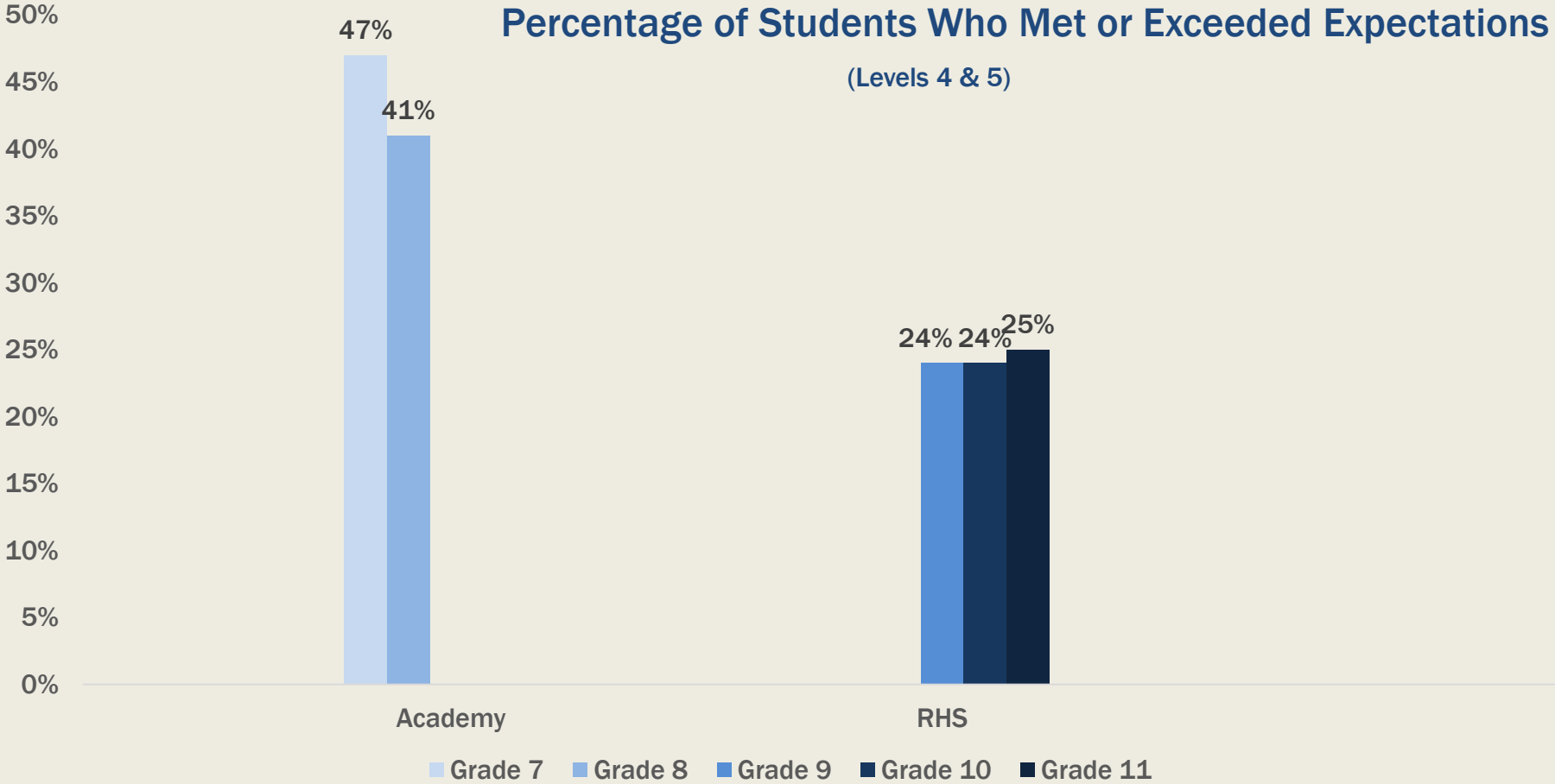
SPRING 2016 ENGLISH LANGUAGE ARTS/L DISTRICT GRADES 3-6

Percentage of Students Who Met or Exceeded Expectations (Levels 4 & 5)



*Percentages are approximate.

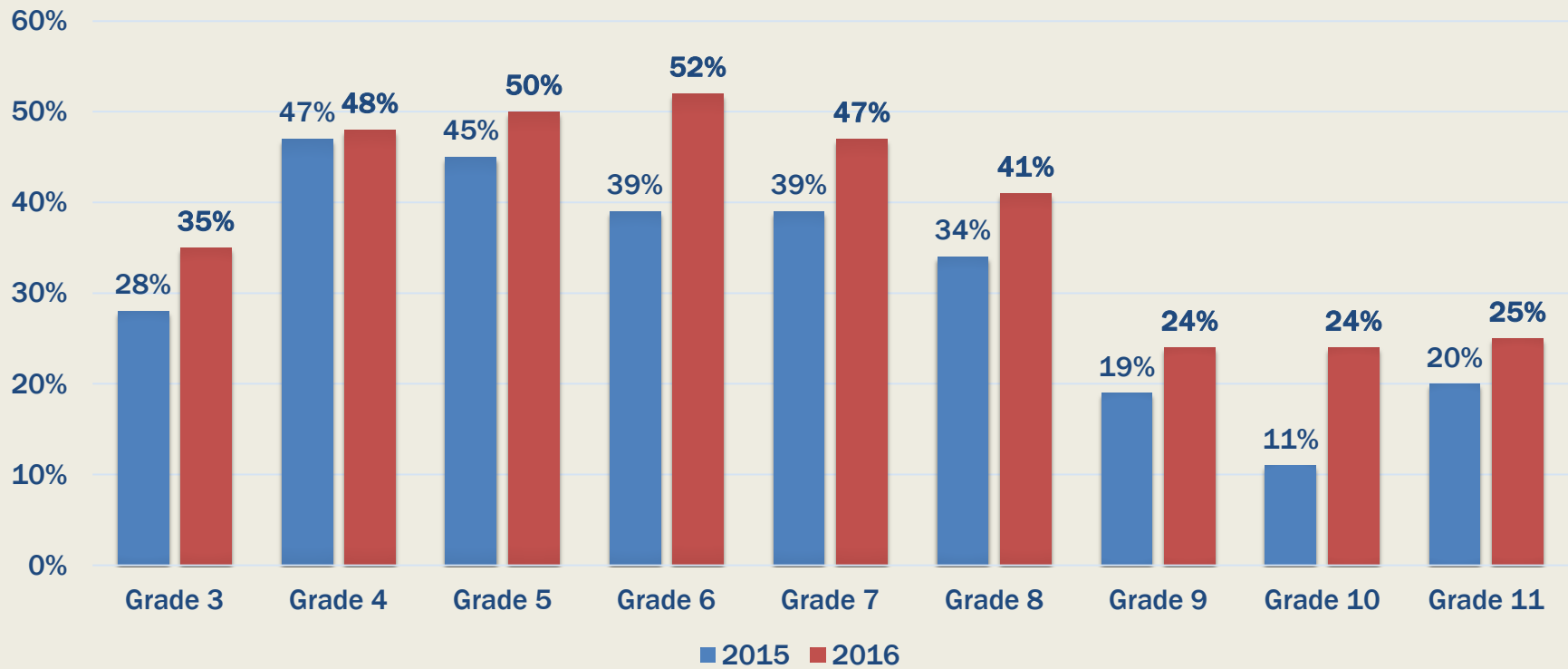
SPRING 2016 ENGLISH LANGUAGE ARTS/L DISTRICT GRADES 7-11



*Percentages are approximate.

DISTRICT GROWTH IN ENGLISH LANGUAGE ARTS/L

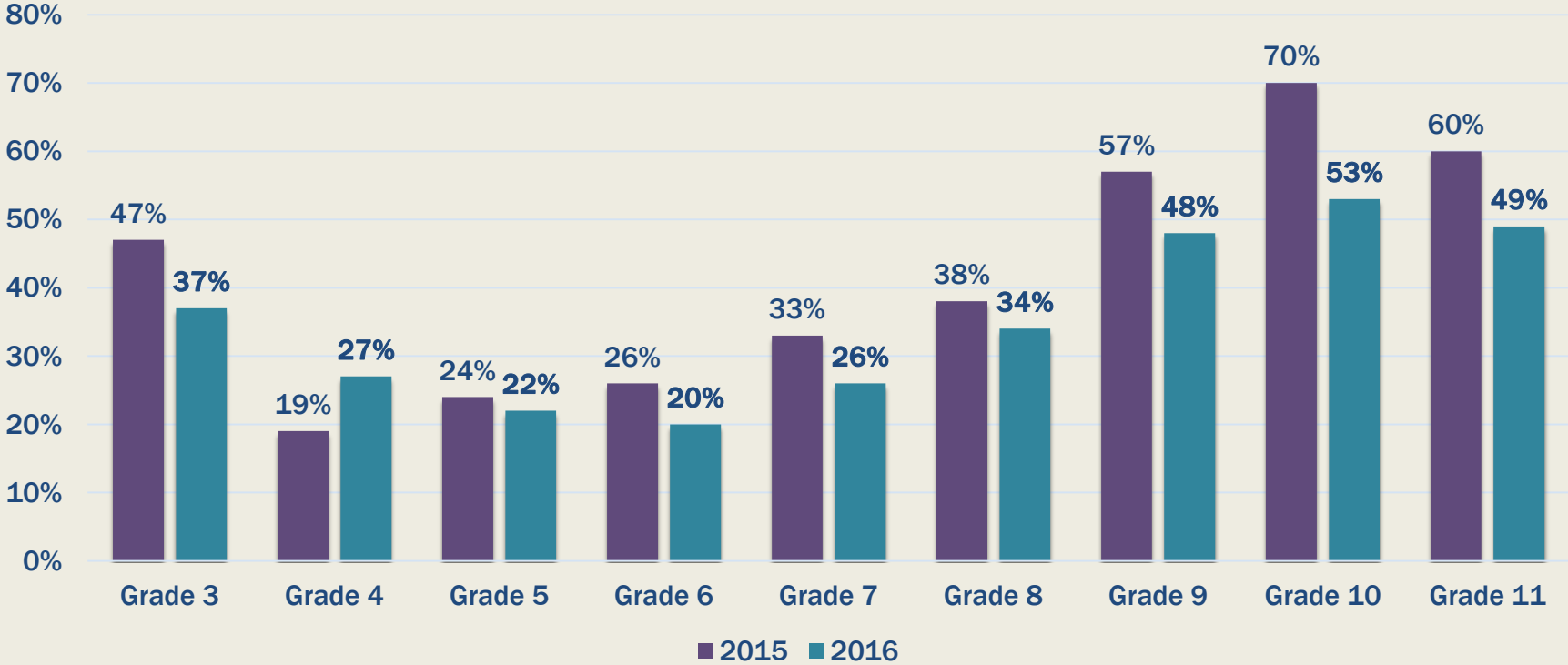
District ELA Comparison Spring 2015 – Spring 2016 Met or Exceeded Expectations (Levels 4 & 5)



*Percentages are approximate.

DISTRICT GROWTH IN ENGLISH LANGUAGE ARTS/L

District ELA Comparison Spring 2015 – Spring 2016 Levels 1 & 2



*Decreases in Levels 1 & 2 from 2015-2016 equals improved performance.
*Percentages are approximate.

DISTRICT GROWTH BY COHORTS

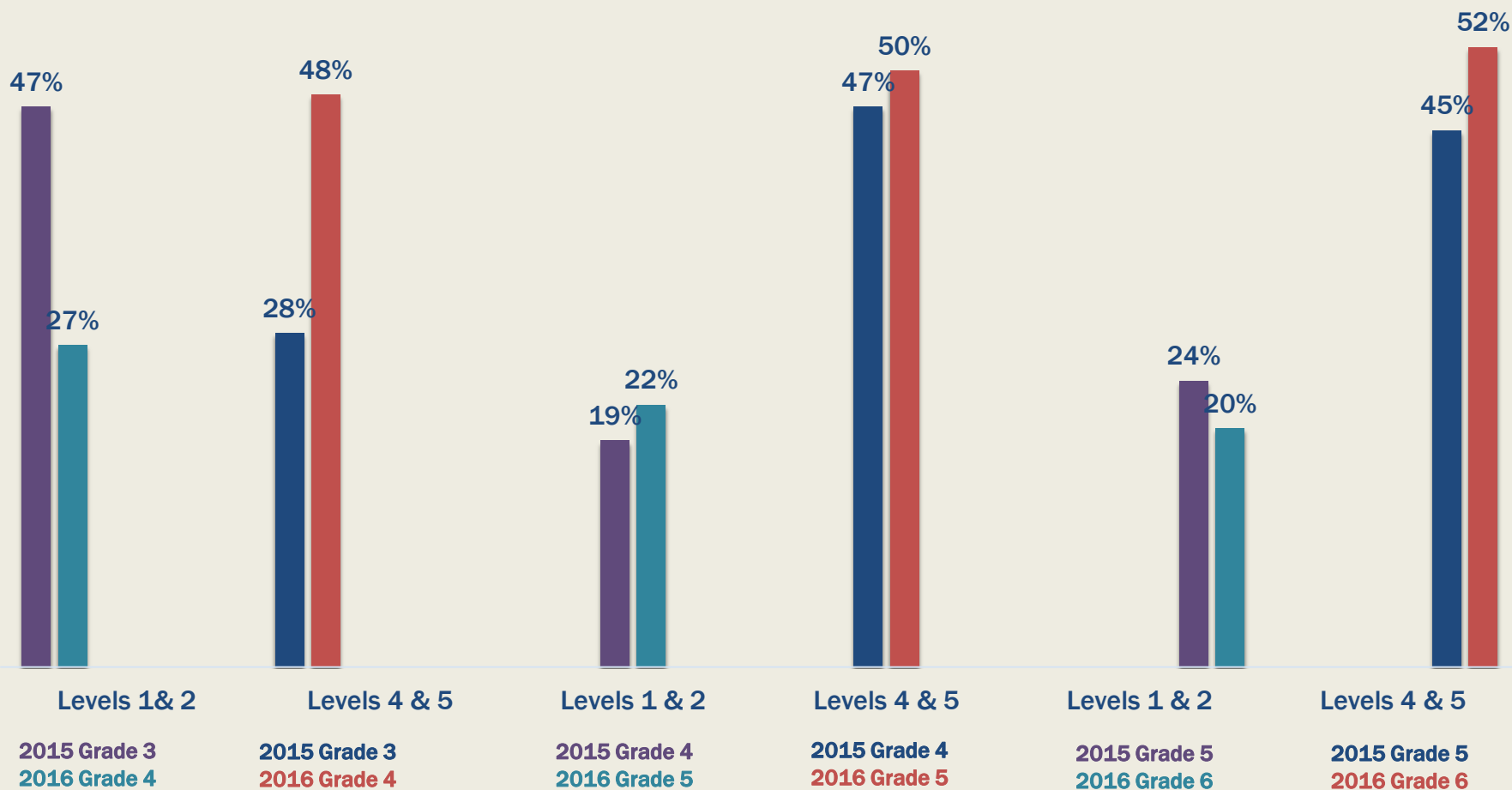
SPRING 2015-SPRING 2016

ENGLISH LANGUAGE ARTS/L

Grade 3 → 4

Grade 4 → 5

Grade 5 → 6



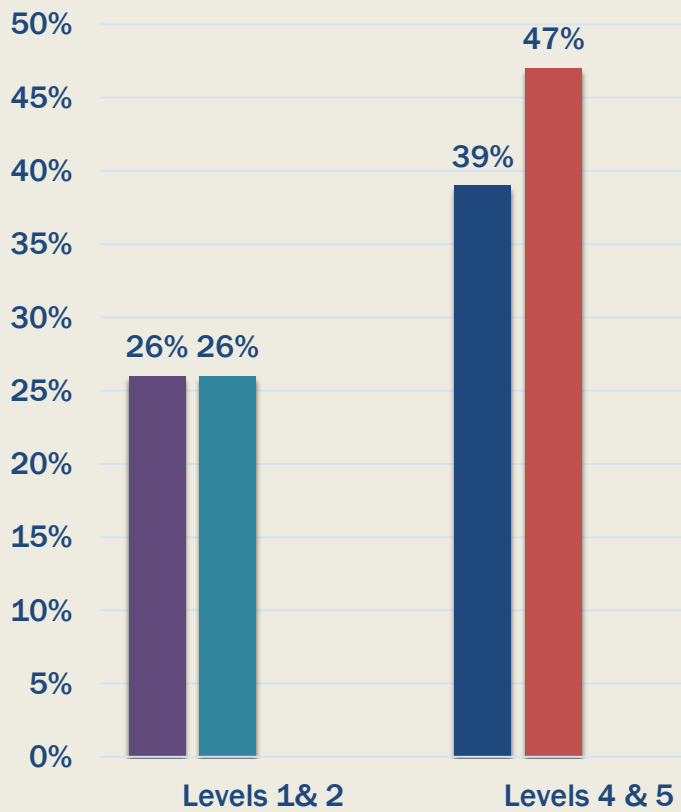
*Percentages are approximate.

GROWTH BY COHORTS

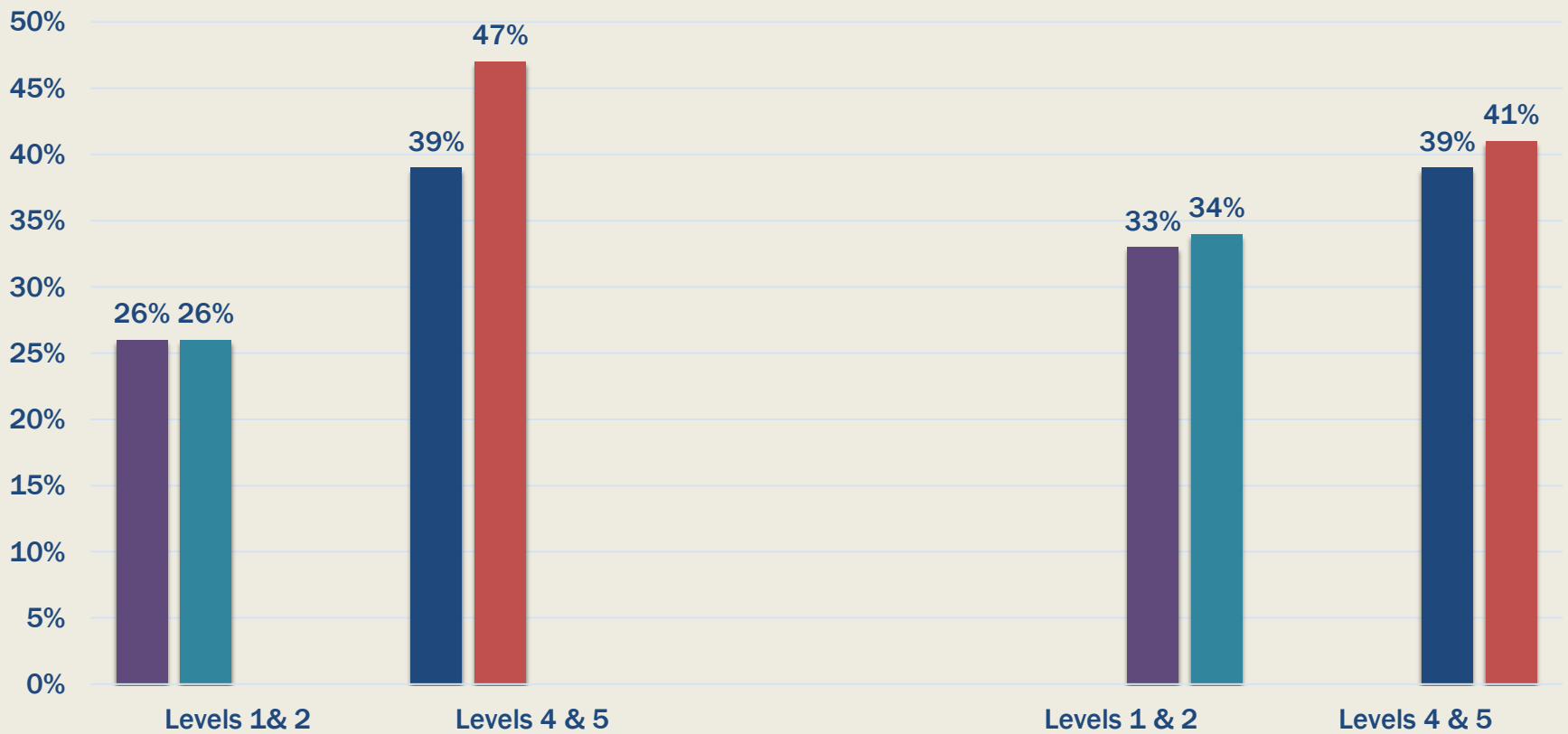
SPRING 2015-SPRING 2016

ENGLISH LANGUAGE ARTS/L

Grade 6 → 7



Grade 7 → 8



2015 Grade 6
2016 Grade 7

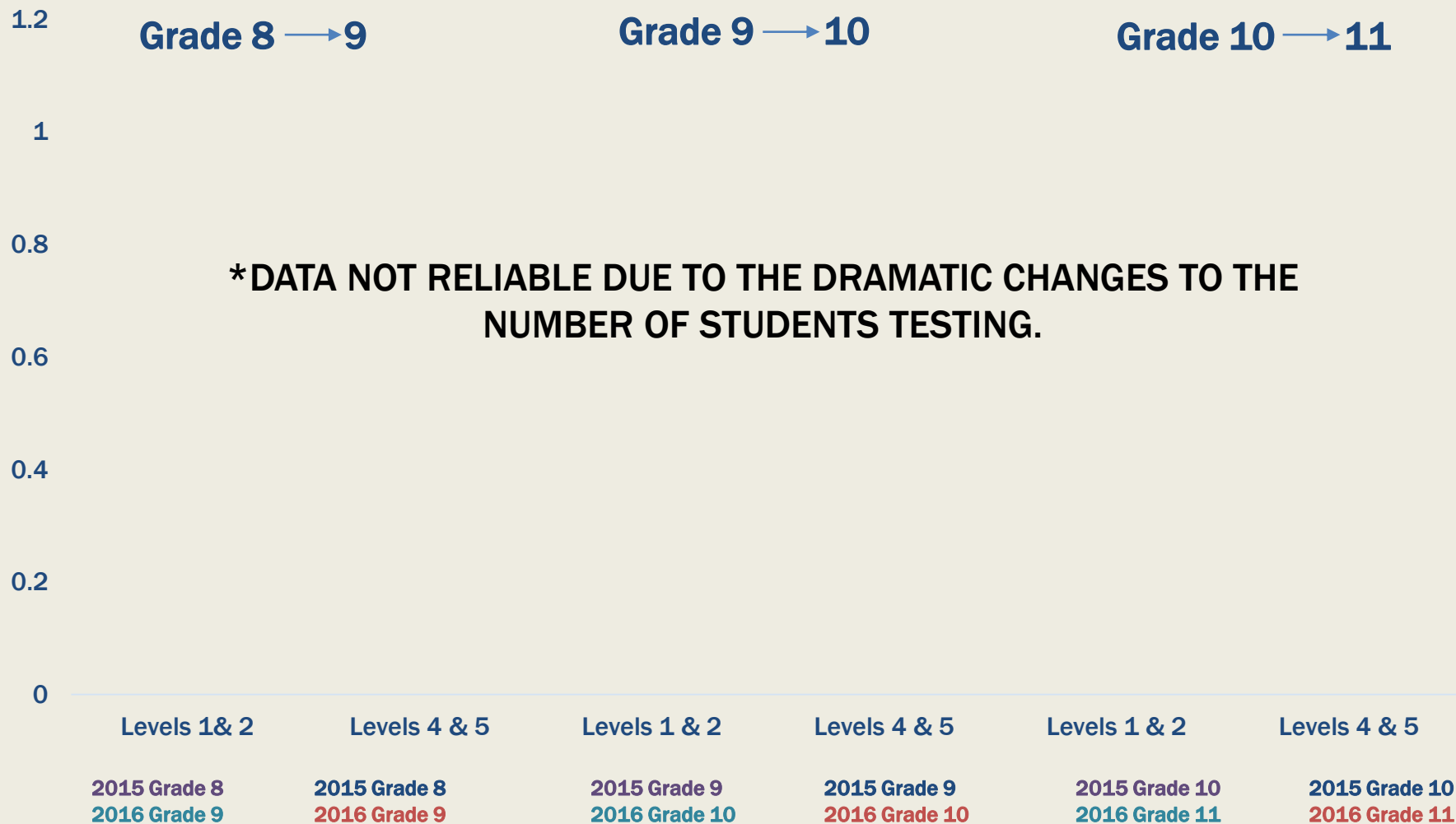
2015 Grade 6
2016 Grade 7

2015 Grade 7
2016 Grade 8

2015 Grade 7
2016 Grade 8

*Percentages are approximate.

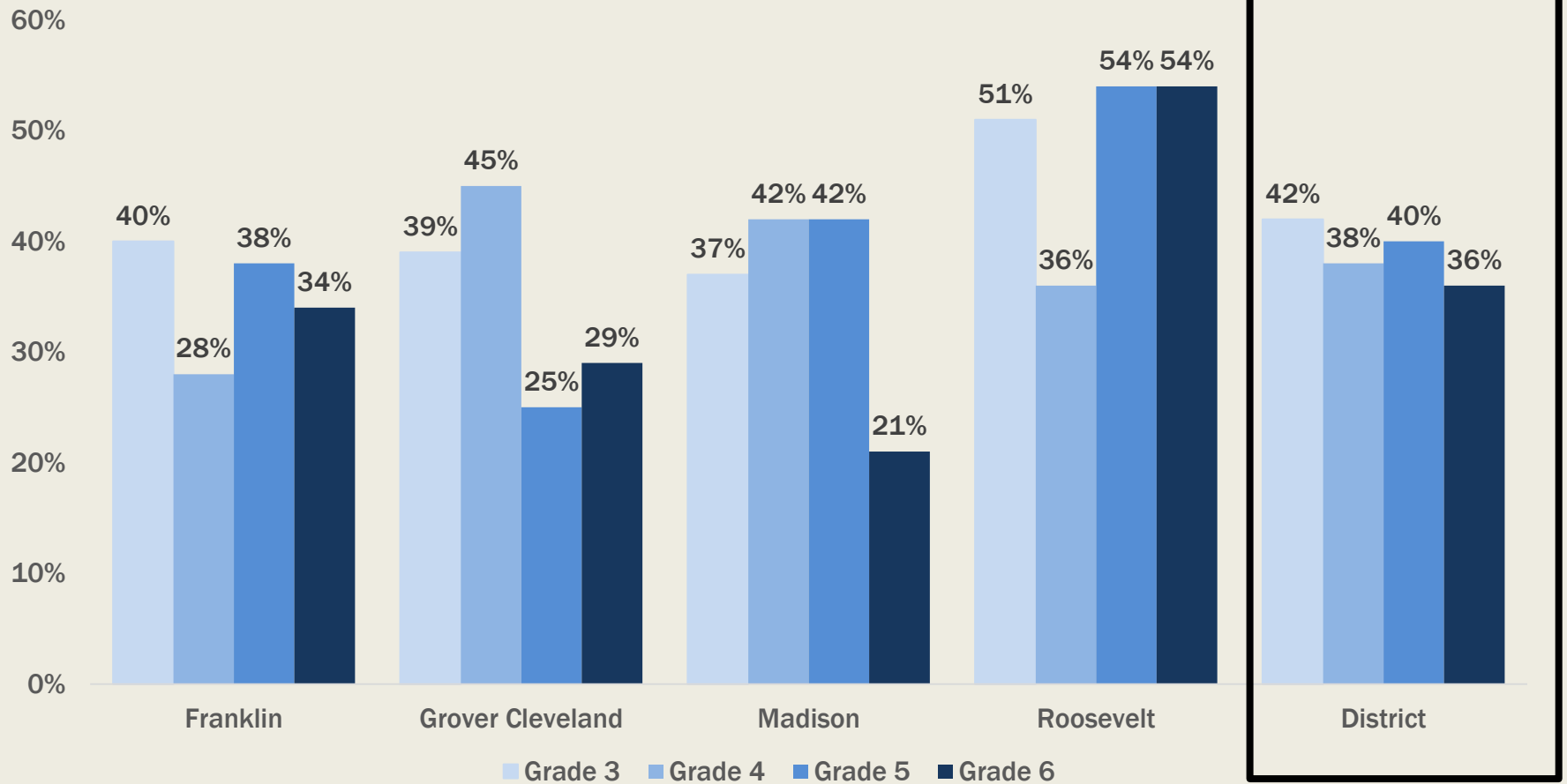
GROWTH BY COHORTS SPRING 2015-SPRING 2016 ENGLISH LANGUAGE ARTS/L



Mathematics

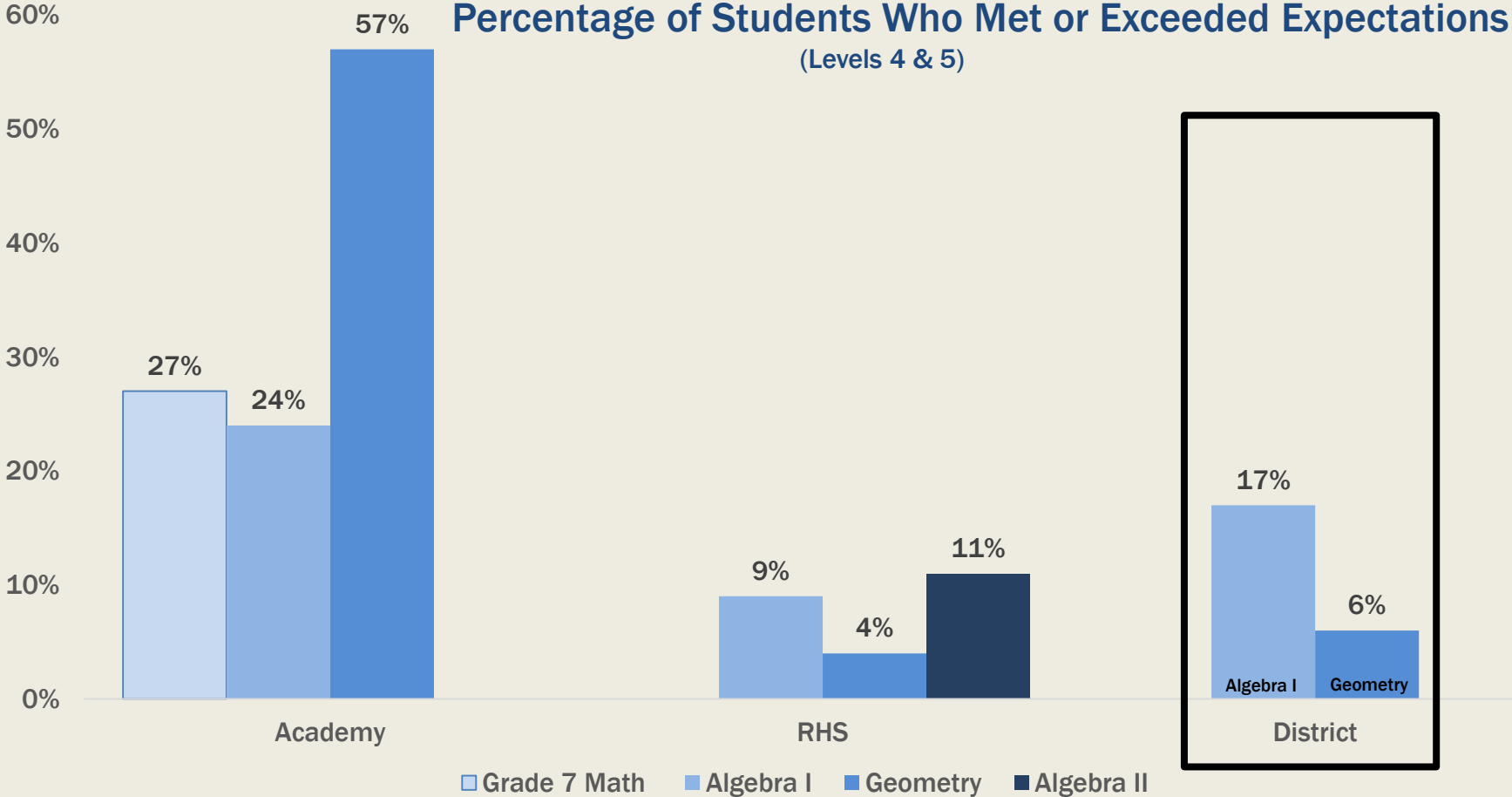
SPRING 2016 MATHEMATICS DISTRICT GRADES 3-6

Percentage of Students Who Met or Exceeded Expectations (Levels 4 & 5)



*Percentages are approximate.

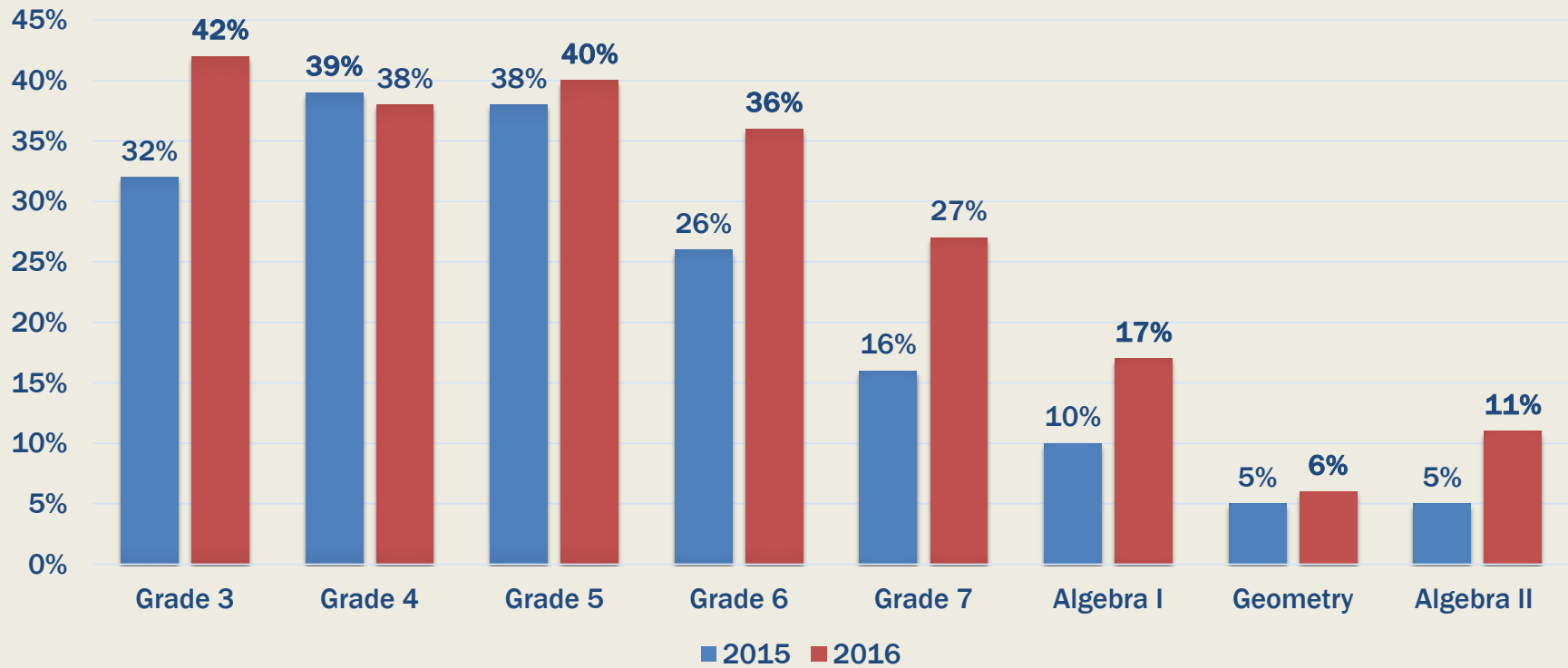
SPRING 2016 MATHEMATICS DISTRICT GRADES 7-11



*Percentages are approximate.

DISTRICT GROWTH IN MATHEMATICS

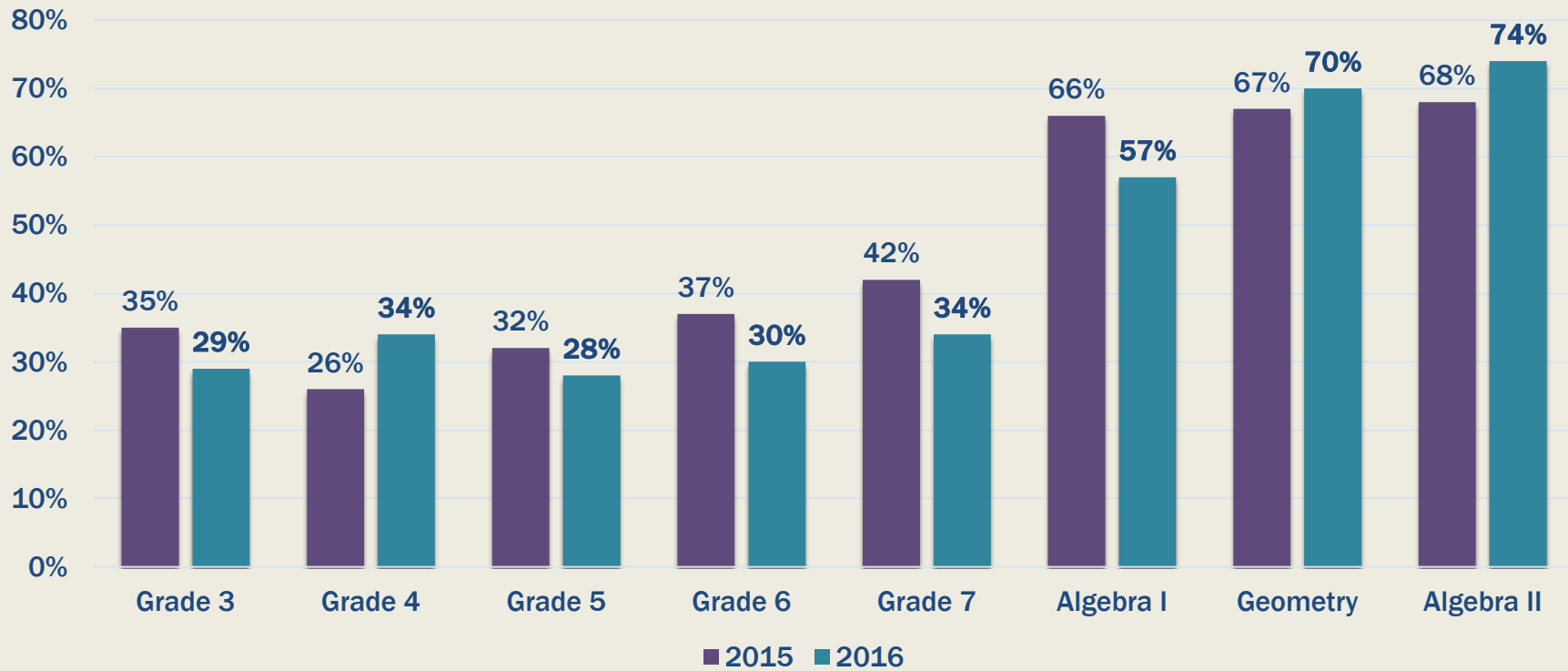
District Math Comparison Spring 2015- Spring 2016 Met or Exceeded Expectations (Levels 4 & 5)



*Percentages are approximate.

DISTRICT GROWTH IN MATHEMATICS

District Math Comparison Spring 2015 – Spring 2016 Levels 1 & 2



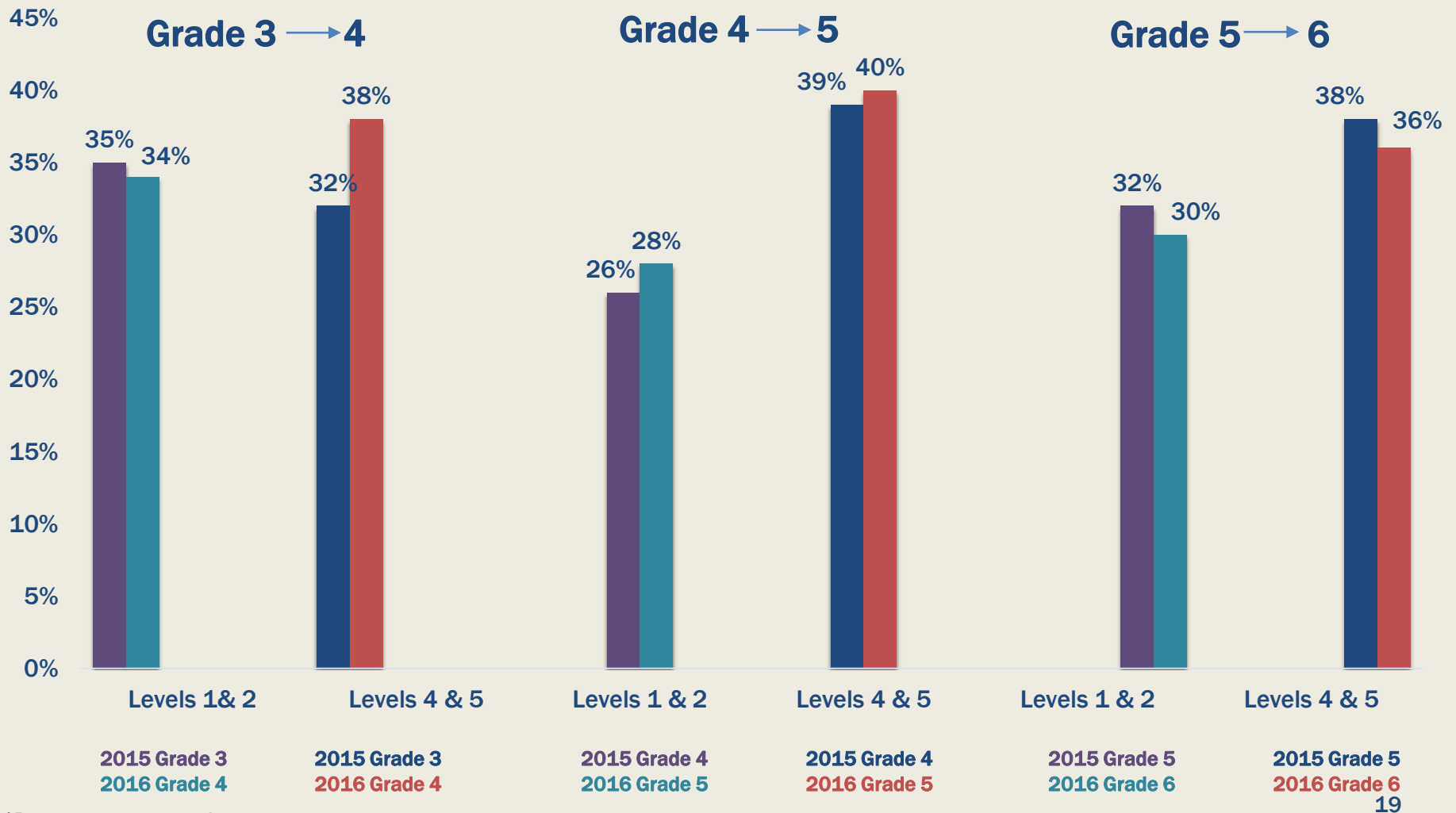
*Note: Decreases in Levels 1 & 2 from 2015-2016 equals improved performance.

*Percentages are approximate.

DISTRICT GROWTH BY COHORTS

SPRING 2015-SPRING 2016

MATHEMATICS

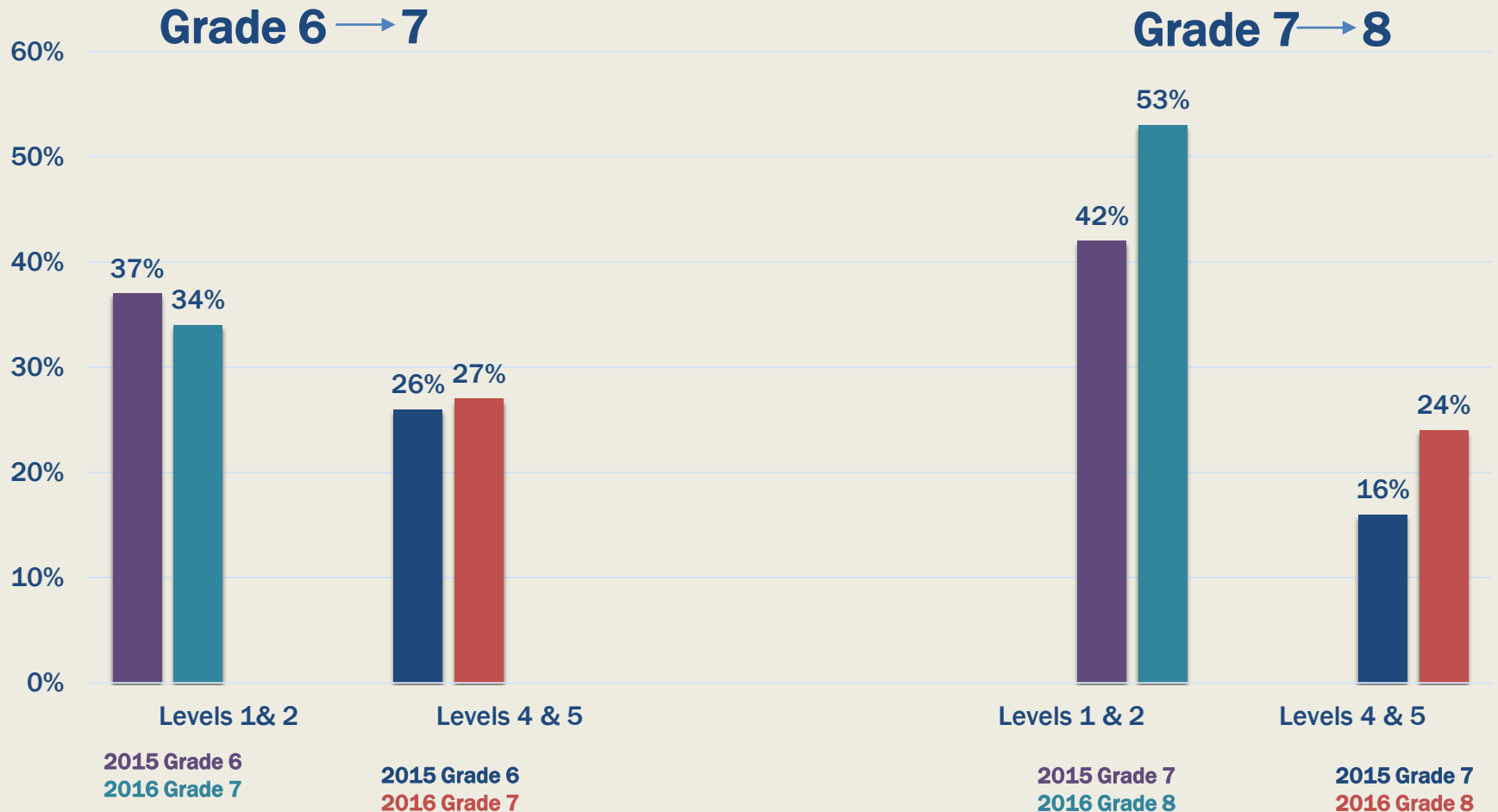


*Percentages are approximate.

GROWTH BY COHORTS

SPRING 2015-SPRING 2016

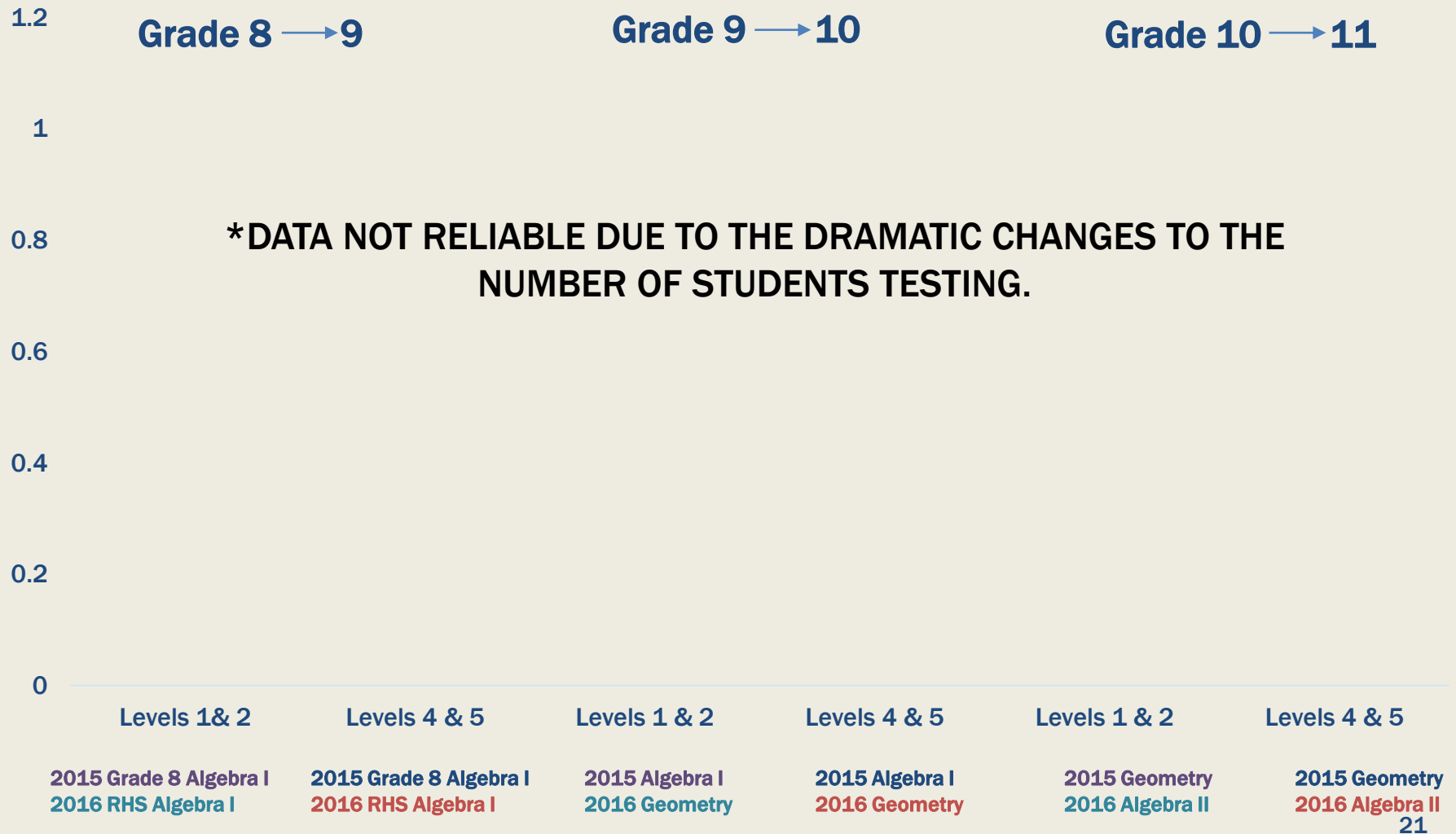
MATHEMATICS



Note: 8th Grade consists of students who participated in the Algebra I assessment.

*Percentages are approximate.

GROWTH BY COHORTS SPRING 2015-SPRING 2016 MATHEMATICS

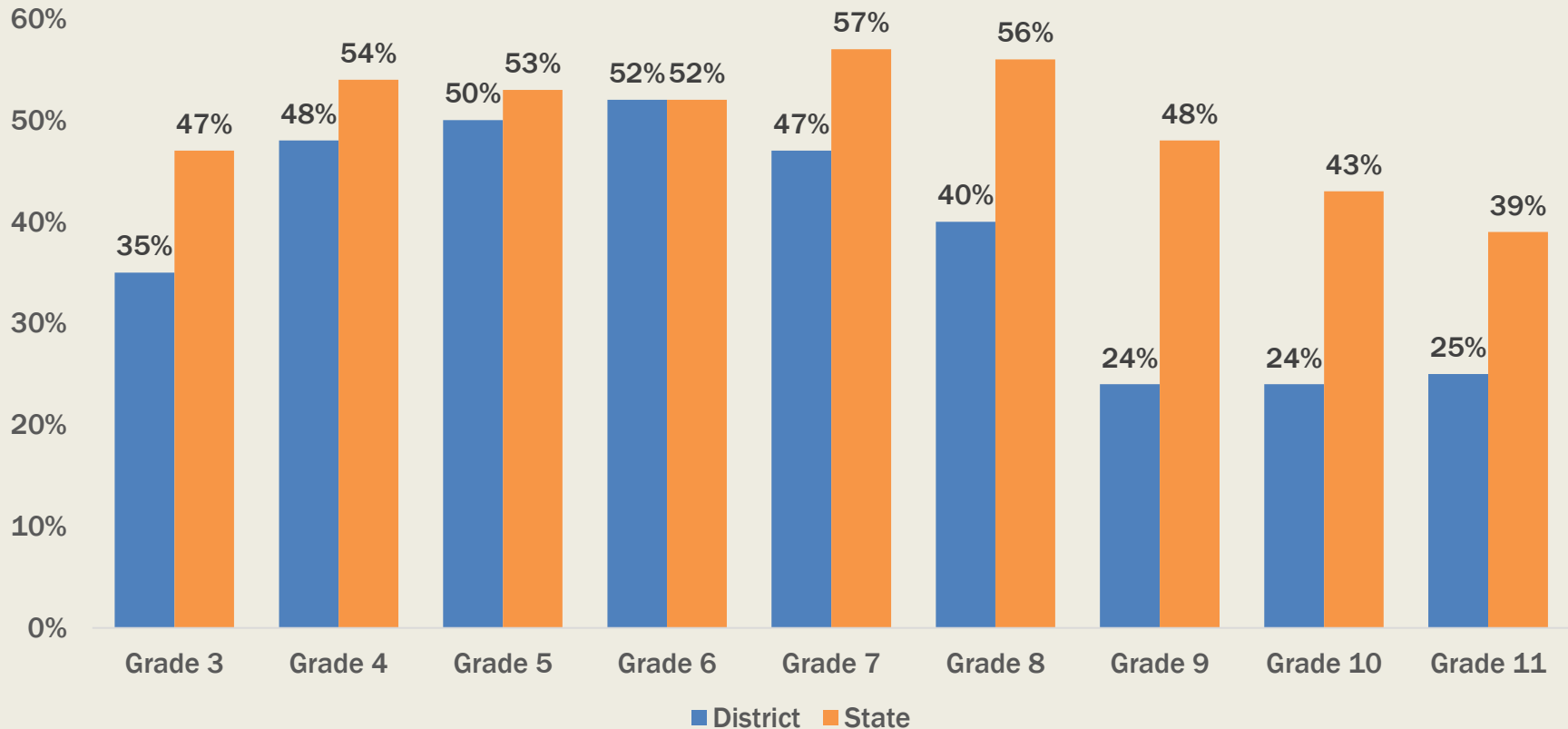


SPRING 2016

ENGLISH LANGUAGE ARTS/L

COMPARISON: DISTRICT AND STATE

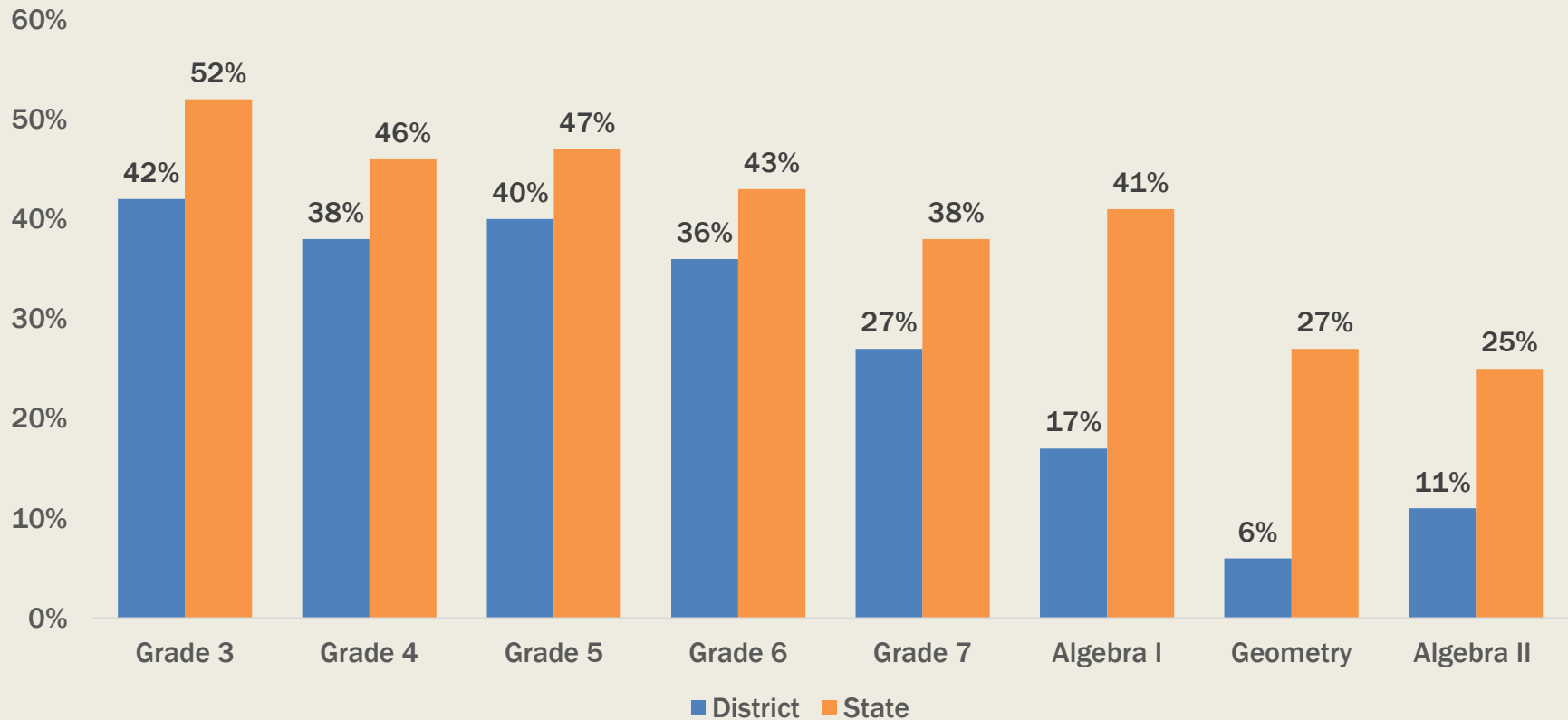
Percentage of Students Who Met or Exceeded Expectations (Levels 4 & 5)



*Percentages are approximate.

SPRING 2016 MATHEMATICS COMPARISON: DISTRICT AND STATE

Percentage of Students Who Met or Exceeded Expectations (Levels 4 & 5)

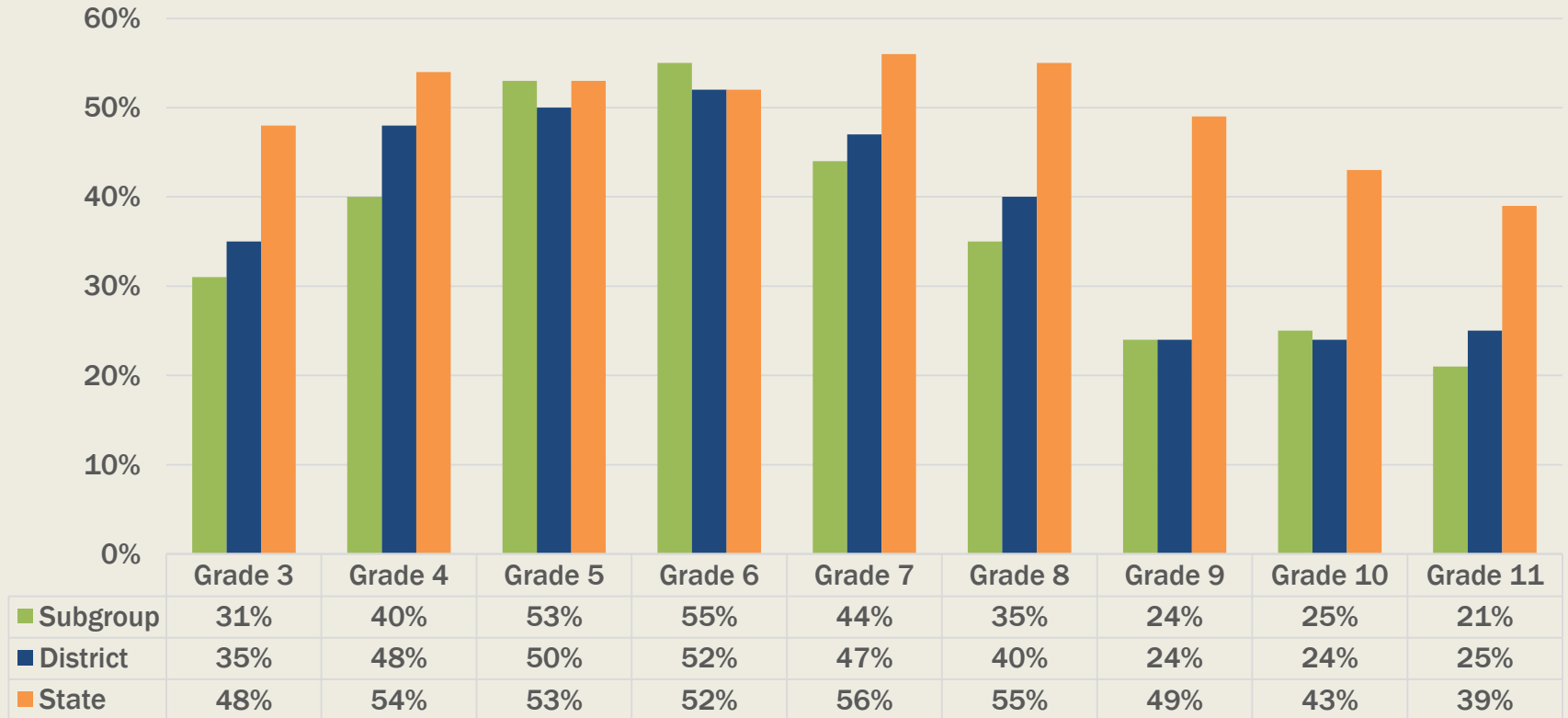


*Percentages are approximate.

SUBGROUPS

2016 SPRING PARCC ADMINISTRATIONS SUBGROUP-**HISPANIC OR LATINO** ENGLISH LANGUAGE ARTS/LITERACY

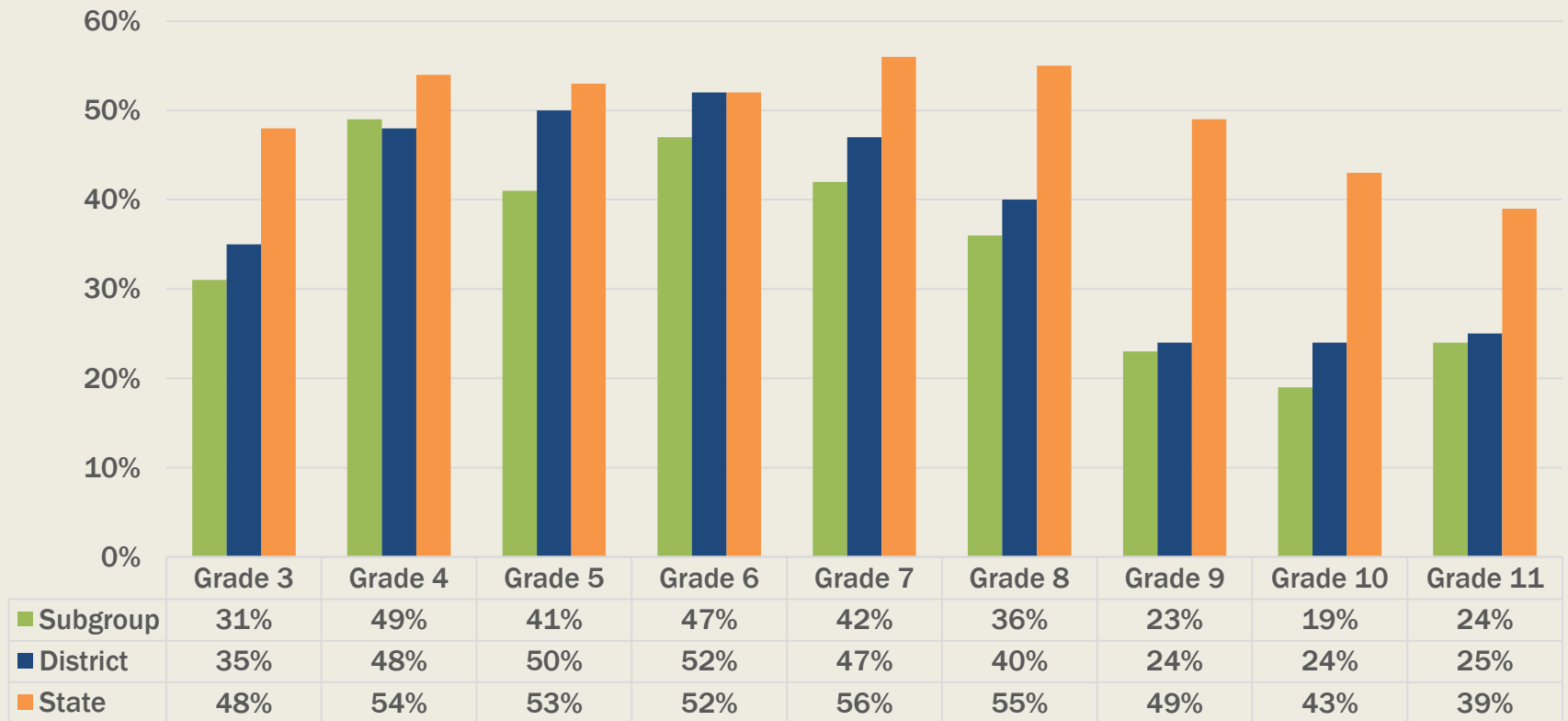
Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS SUBGROUP-**BLACK OR AFRICAN AMERICAN** ENGLISH LANGUAGE ARTS/LITERACY

Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



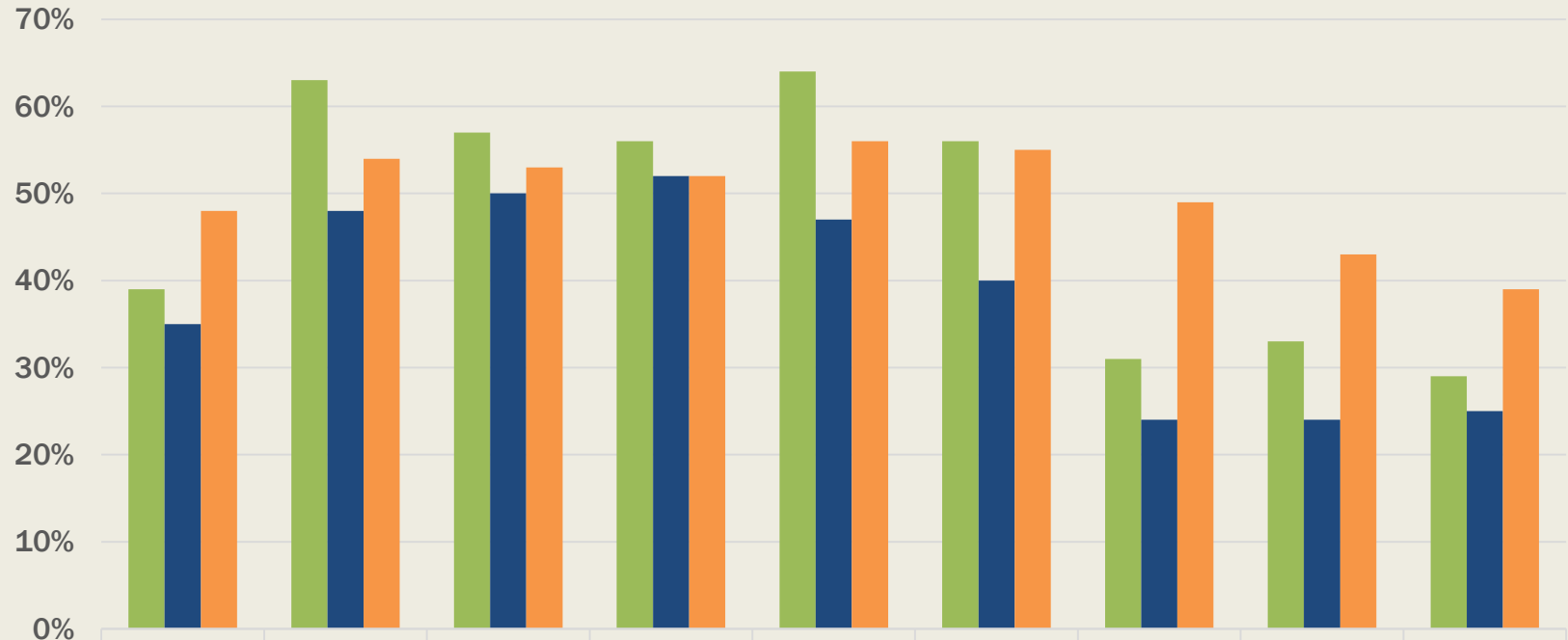
*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS

SUBGROUP-**WHITE**

ENGLISH LANGUAGE ARTS/LITERACY

Percentage of Students Who Met or Exceeded Standards
(Levels 4 & 5)

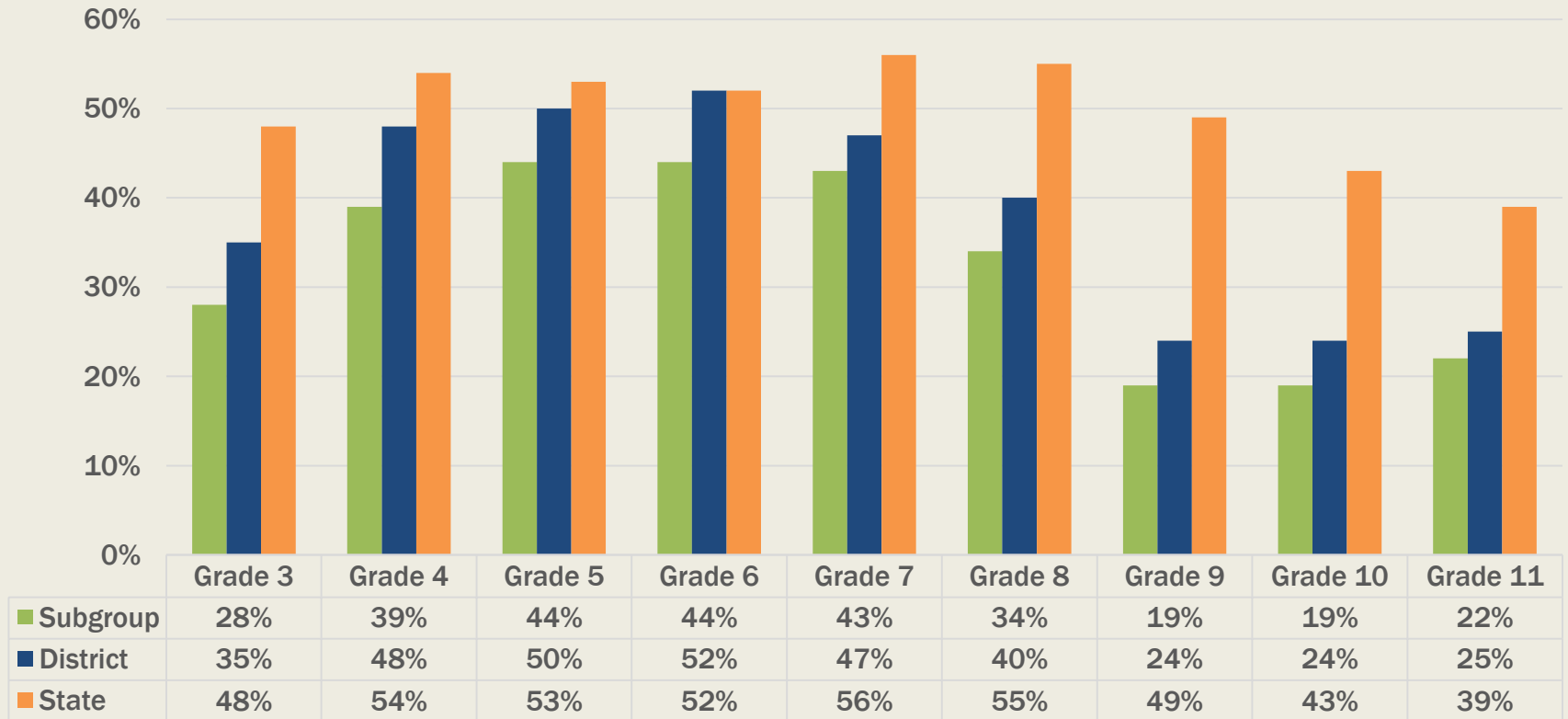


	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11
■ Subgroup	39%	63%	57%	56%	64%	56%	31%	33%	29%
■ District	35%	48%	50%	52%	47%	40%	24%	24%	25%
■ State	48%	54%	53%	52%	56%	55%	49%	43%	39%

*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS SUBGROUP-**ECONOMICALLY DISADVANTAGED** ENGLISH LANGUAGE ARTS/LITERACY

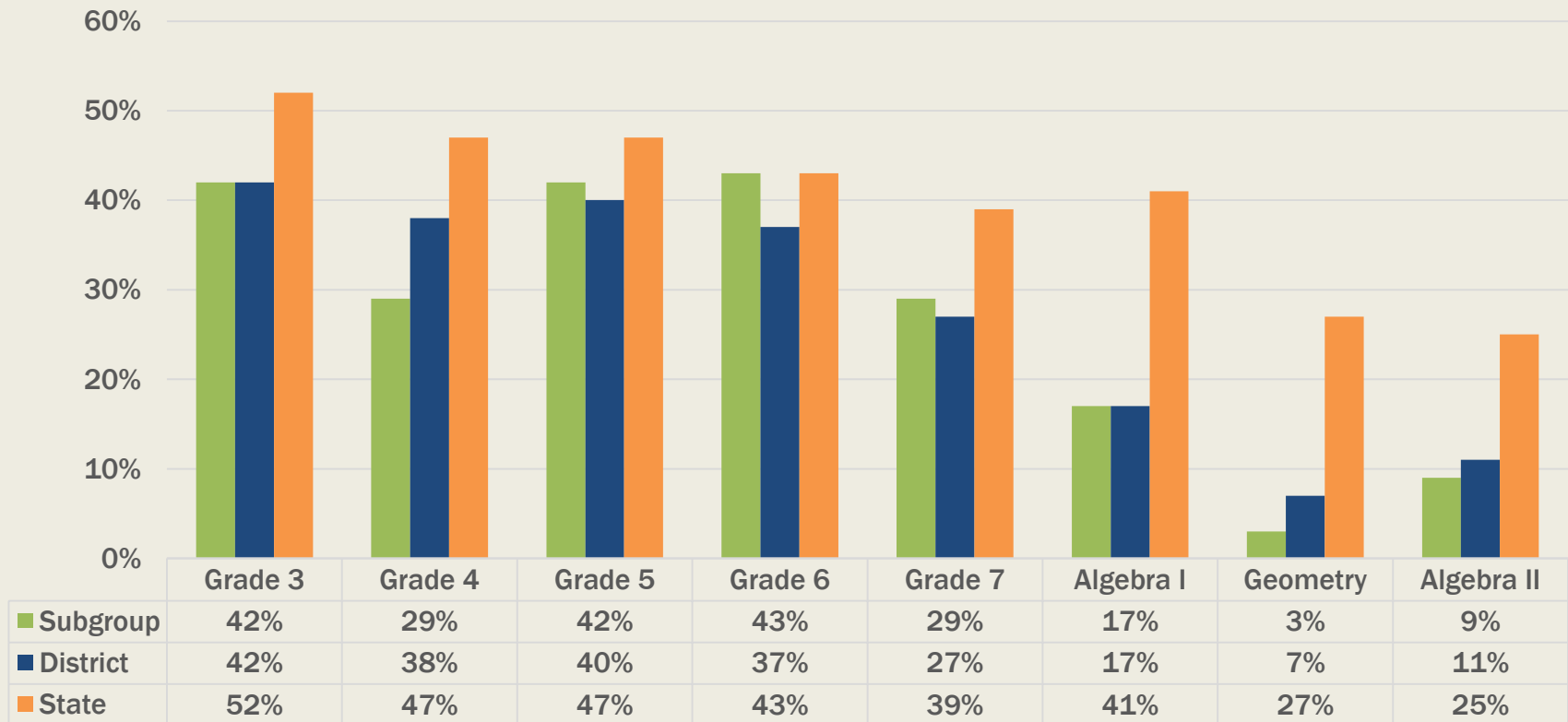
Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS SUBGROUP-**HISPANIC OR LATINO** MATHEMATICS

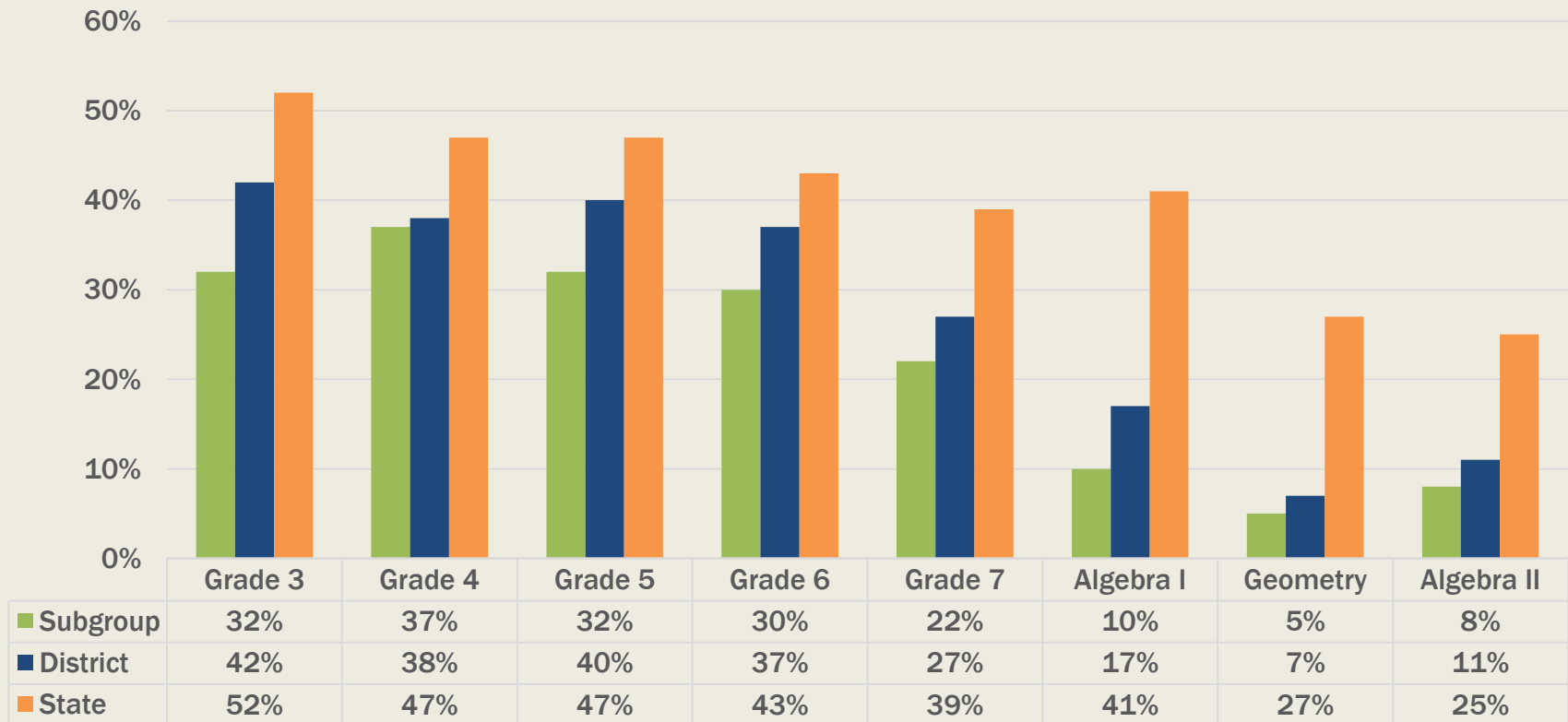
Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS SUBGROUP-**BLACK OR AFRICAN AMERICAN** MATHEMATICS

Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



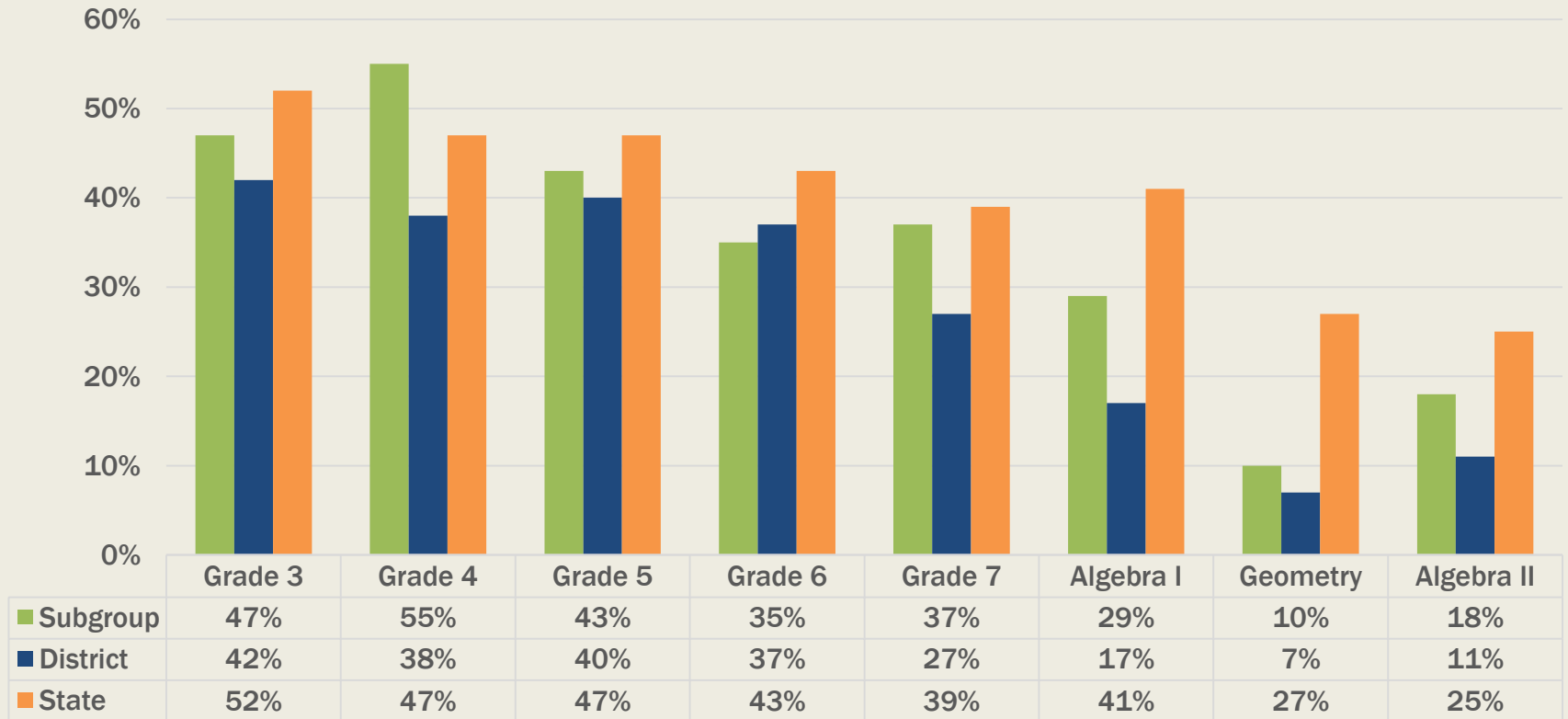
*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS

SUBGROUP-**WHITE**

MATHEMATICS

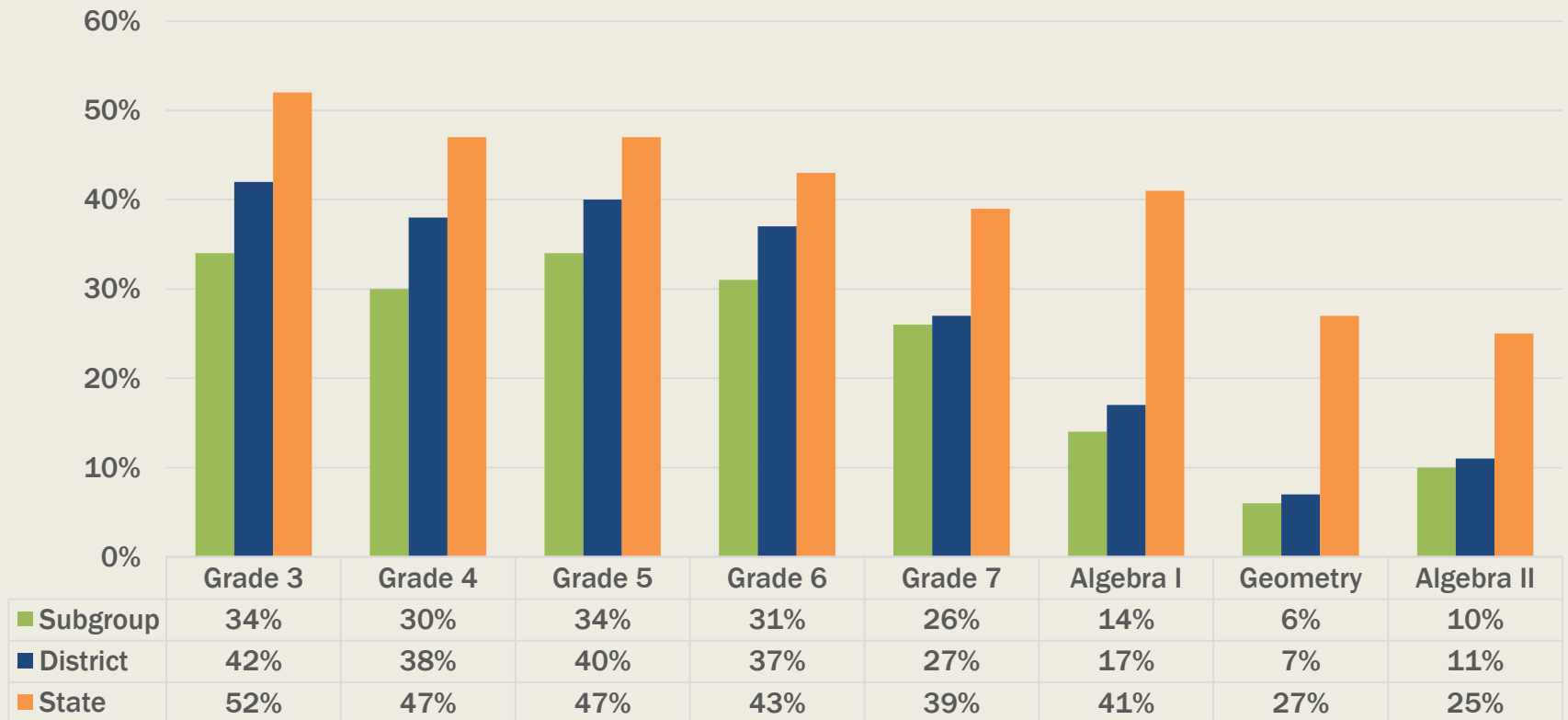
Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



*Percentages are approximate.

2016 SPRING PARCC ADMINISTRATIONS SUBGROUP-ECONOMICALLY DISADVANTAGED MATHEMATICS

Percentage of Students Who Met or Exceeded Expectations
(Levels 4 & 5)



*Percentages are approximate.

OVERALL SUMMARY

- In 2016, we saw increased student participation in PARCC testing, especially at the high school level.
- There was a slight decline in performance of students when they transitioned to a new school building.
- There was a decrease in the percentage of students who achieved Levels 1 & 2.
- Overall, there was an increase in the percentage of students who achieved Levels 4 & 5 (Met and Exceeded Expectations).

SUPPORTS AND INTERVENTIONS

English Language Arts

- Literacy by Design
- Writers Workshop
- FDU Orton-Gillingham Tutoring
- Family Writing Nights

Mathematics

- Math in Focus
- Family Math and Science Nights
- STEM Camp

Both ELA and Mathematics

- Title I After School Program
- Title I Classes at the Academy
- Professional Development
- Data Analysis (Linkit!)
- Evidence Tables

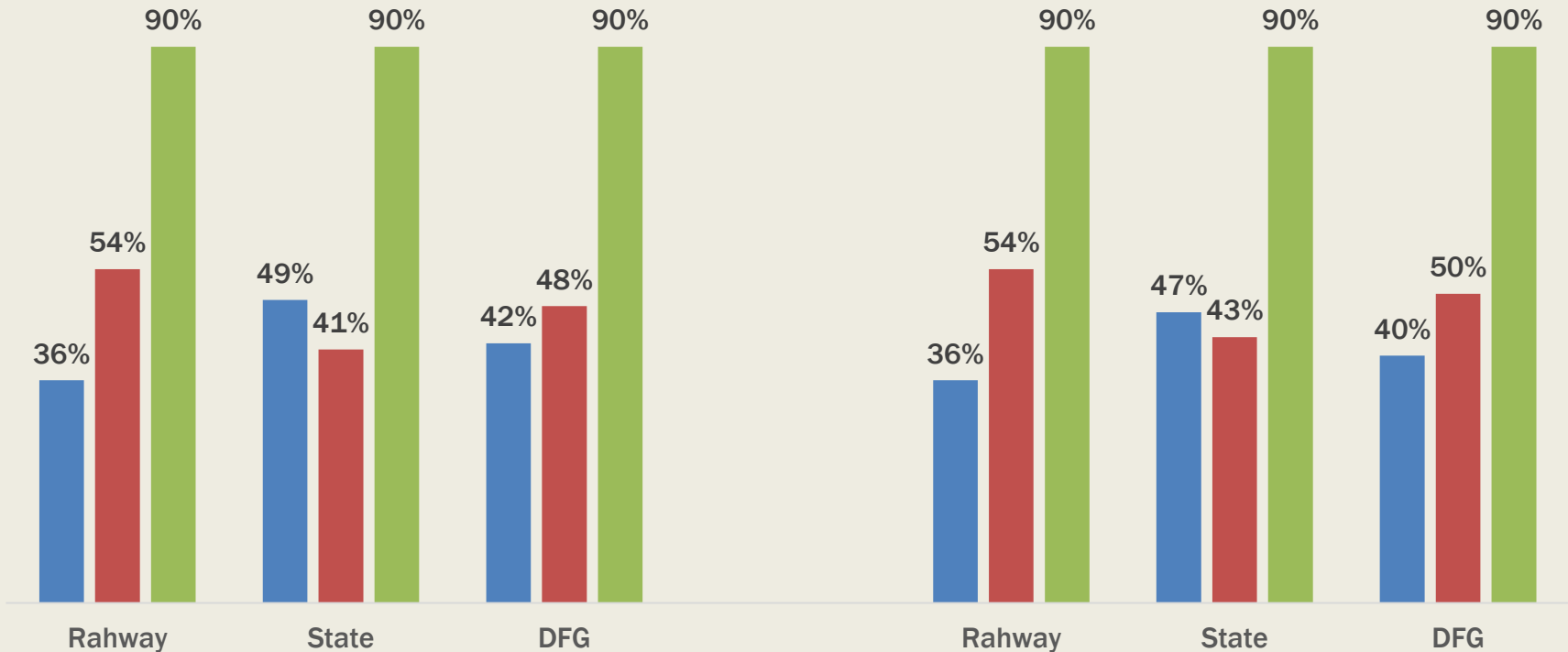
ADDITIONAL 2016 ASSESSMENTS

- **NJASK Science Grade 4**
- **NJASK Science Grade 8**
- **New Jersey Biology Competency Test**
- **SAT**
- **Advanced Placement**

NEW JERSEY ASSESSMENT OF SKILLS AND KNOWLEDGE- SCIENCE GRADE 4 DISTRICT

NJASK Science Grade 4 District Proficiency Rates

■ Advanced Proficient ■ Proficient ■ Total Proficiency



Spring 2016

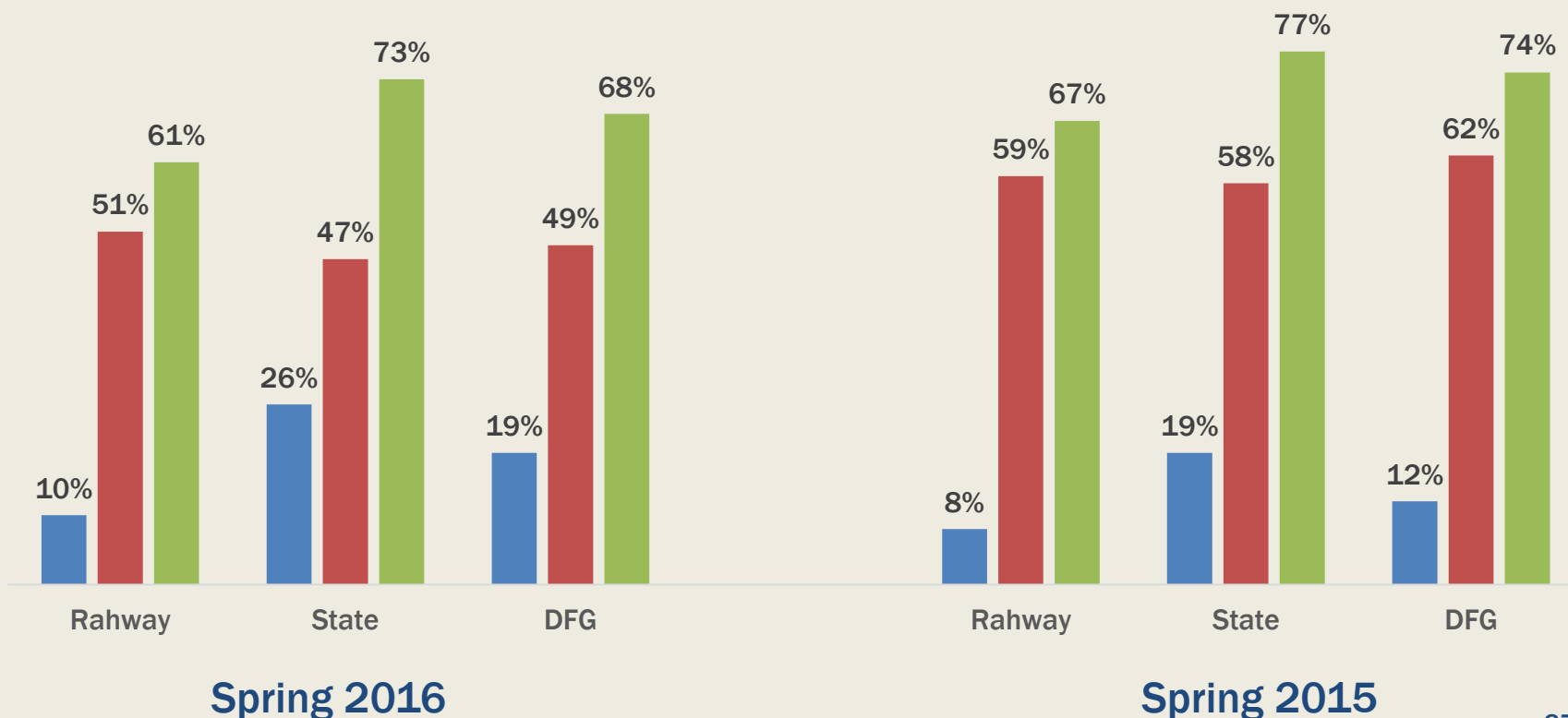
Spring 2015

*Percentages are approximate.

NEW JERSEY ASSESSMENT OF SKILLS AND KNOWLEDGE- SCIENCE GRADE 8

NJASK Science Grade 8 Proficiency Rates

■ Advanced Proficient ■ Proficient ■ Total Proficiency

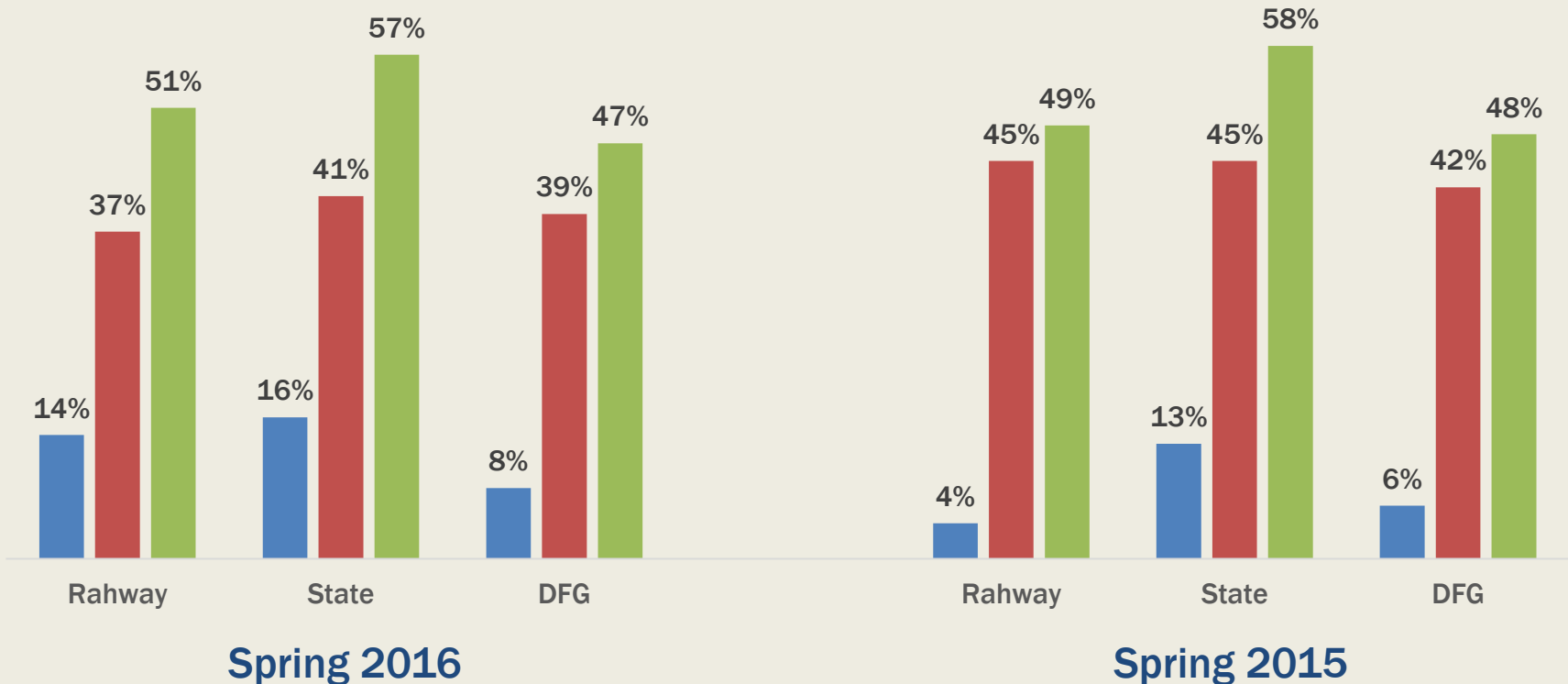


*Percentages are approximate.

NEW JERSEY BIOLOGY COMPETENCY TEST

NJBCT Proficiency Rates

■ Advanced Proficient ■ Proficient ■ Total Proficiency



*Percentages are approximate.

SAT SCORES

AVERAGE SCORE

Year	Entity	Critical Reading	Mathematics	Writing
2016	RHS	430	443	416
	State	495	514	492
2015	RHS	430	451	424
	State	500	521	499
2014	RHS	428	452	427
	State	501	523	502

ADVANCED PLACEMENT TESTING

Points Received for all AP Tests-Yearly Comparison

	Number of Tests Taken	Scores Received					Passing Score	
		1	2	3	4	5	Total	%
2016	302	141	97	45	12	7	64	21%
2015	274	101	113	38	17	5	60	22%
2014	197	57	83	34	18	5	57	29%

ADVANCED PLACEMENT 2016

AP Test Taken	Total Exams	Number Passing	% Passing
Studio Art: 2-D Design Portfolio	8	0	0%
English Language and Composition	43	10	23%
English Literature and Composition	13	3	23%
Comparative Government and Politics	22	0	0%
United States Government and Politics	25	1	4%
United States History	28	9	32%
World History	48	7	15%
French Language and Culture	4	3	75%
Italian Language and Culture	5	2	40%
Spanish Language and Culture	12	12	100%

ADVANCED PLACEMENT 2016 CONTINUED

AP Test Taken	Total Exams	Number Passing	% Passing
Environmental Science	5	1	20%
Physics 1	25	2	8%
Calculus AB	15	1	7%
Statistics	18	3	17%
Biology	19	6	32%
Chemistry	12	4	33%

2016 ADVANCED PLACEMENT SCHOOL SCHOLARS

10 Rahway High School students became AP Scholars.

- **8 students became AP Scholars as they received scores of 3 or higher on three or more AP Exams.**
- **2 students became AP Scholars with Honor as they received an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.**

HIGH SCHOOL GRADUATION RATE

Students Graduating in Four Years

Year	RHS	State
2016	85%	TBD
2015	89%	90%
2014	86%	89%

ADDITIONAL DATA

ENGLISH LANGUAGE ARTS

COMPARISON OF **RAHWAY'S** SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS ENGLISH LANGUAGE ARTS/LITERACY

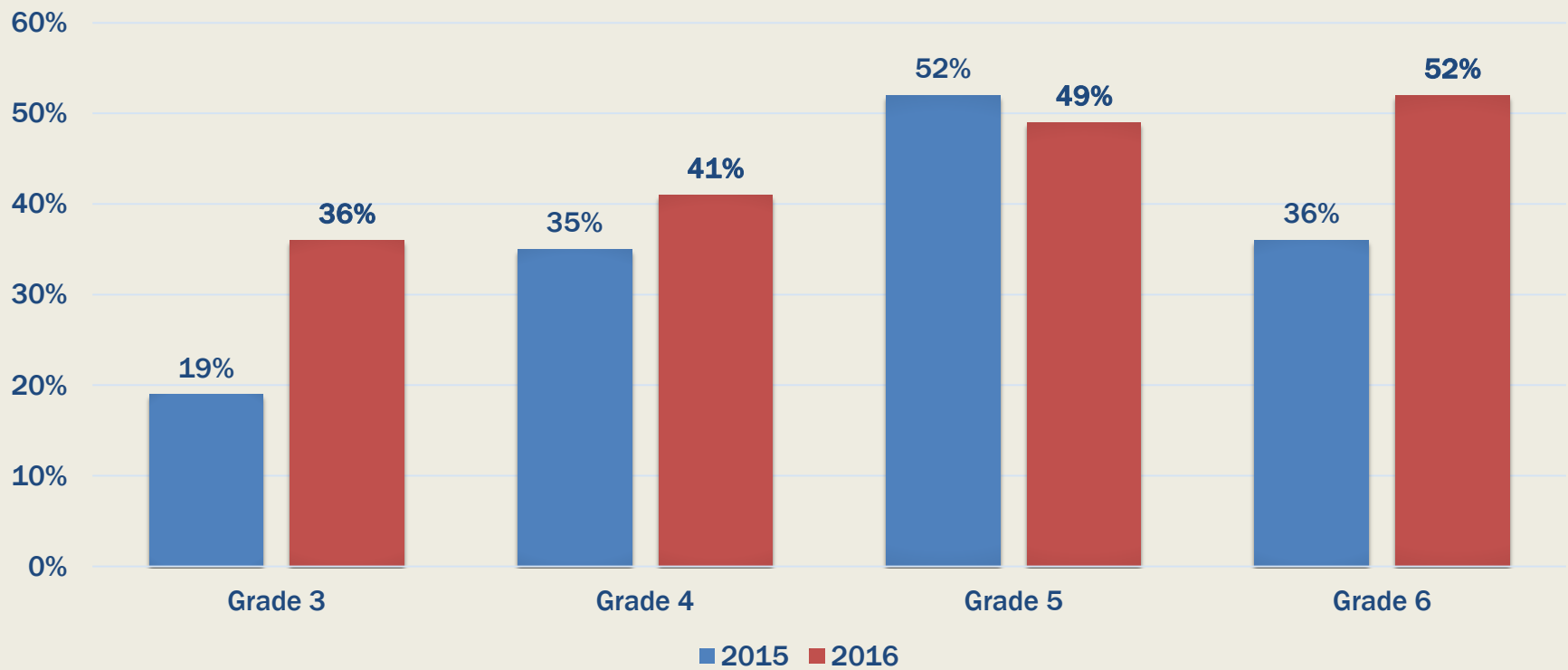
	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Grade 3	19%	16%	28%	21%	25%	28%	26%	33%	2%	2%
Grade 4	5%	8%	14%	19%	33%	26%	42%	40%	5%	8%
Grade 5	5%	8%	19%	14%	31%	28%	41%	47%	4%	3%
Grade 6	8%	7%	18%	13%	36%	28%	37%	43%	2%	9%
Grade 7	15%	11%	18%	15%	28%	28%	32%	36%	7%	11%
Grade 8	15%	17%	23%	17%	28%	26%	32%	33%	2%	8%
Grade 9	27%	26%	30%	22%	23%	29%	19%	22%	0%	2%
Grade 10	50%	33%	20%	20%	20%	23%	10%	20%	1%	4%
Grade 11*	29%	24%	31%	25%	19%	28%	18%	22%	2%	3%

*Grade 11 does not include students who took an AP test.

*Percentages are approximate.

FRANKLIN GROWTH IN ENGLISH LANGUAGE ARTS/L

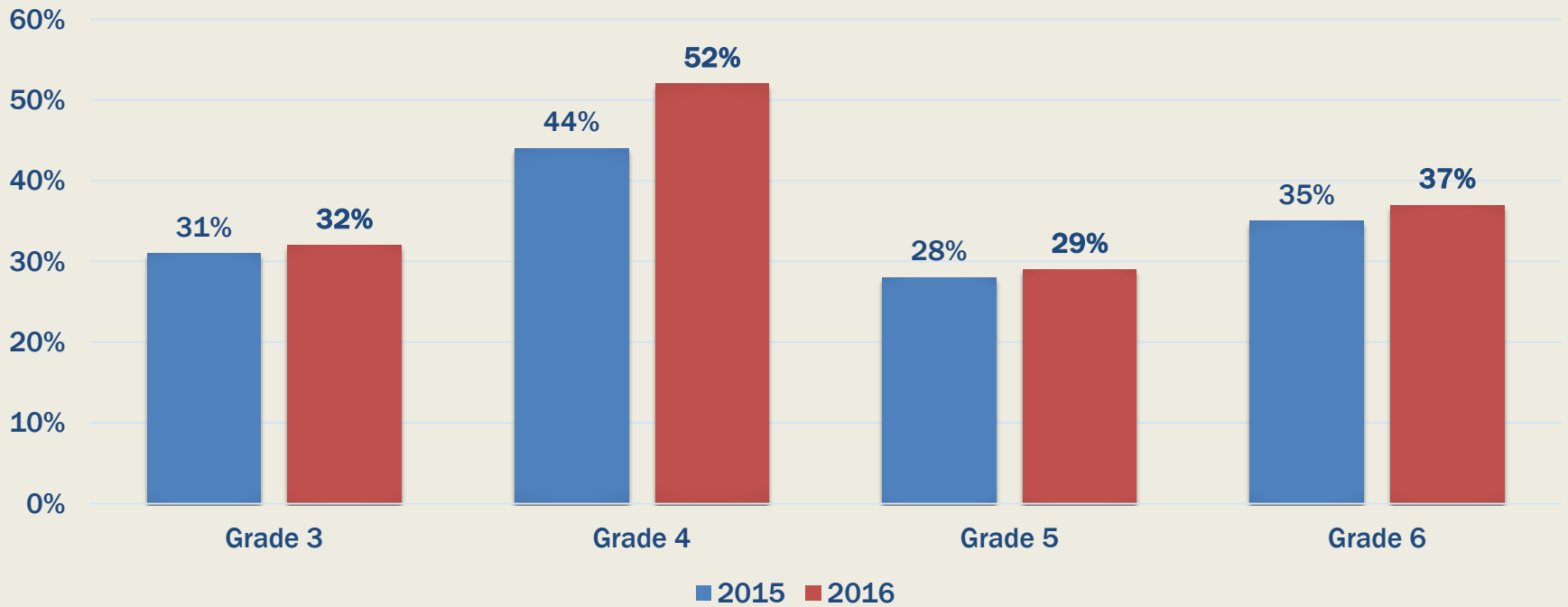
Franklin ELA Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Percentages are approximate.

GROVER CLEVELAND GROWTH IN ENGLISH LANGUAGE ARTS/L

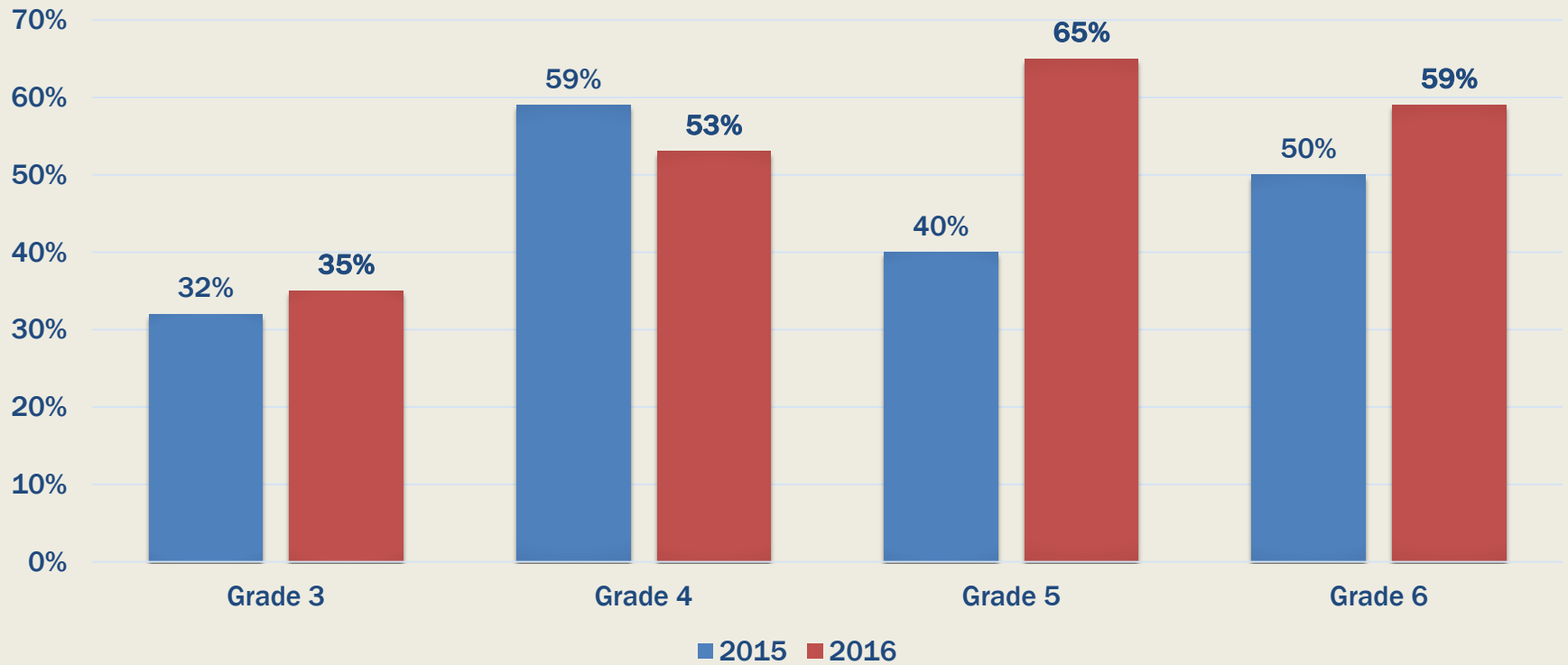
Grover Cleveland ELA Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Percentages are approximate.

MADISON GROWTH IN ENGLISH LANGUAGE ARTS/L

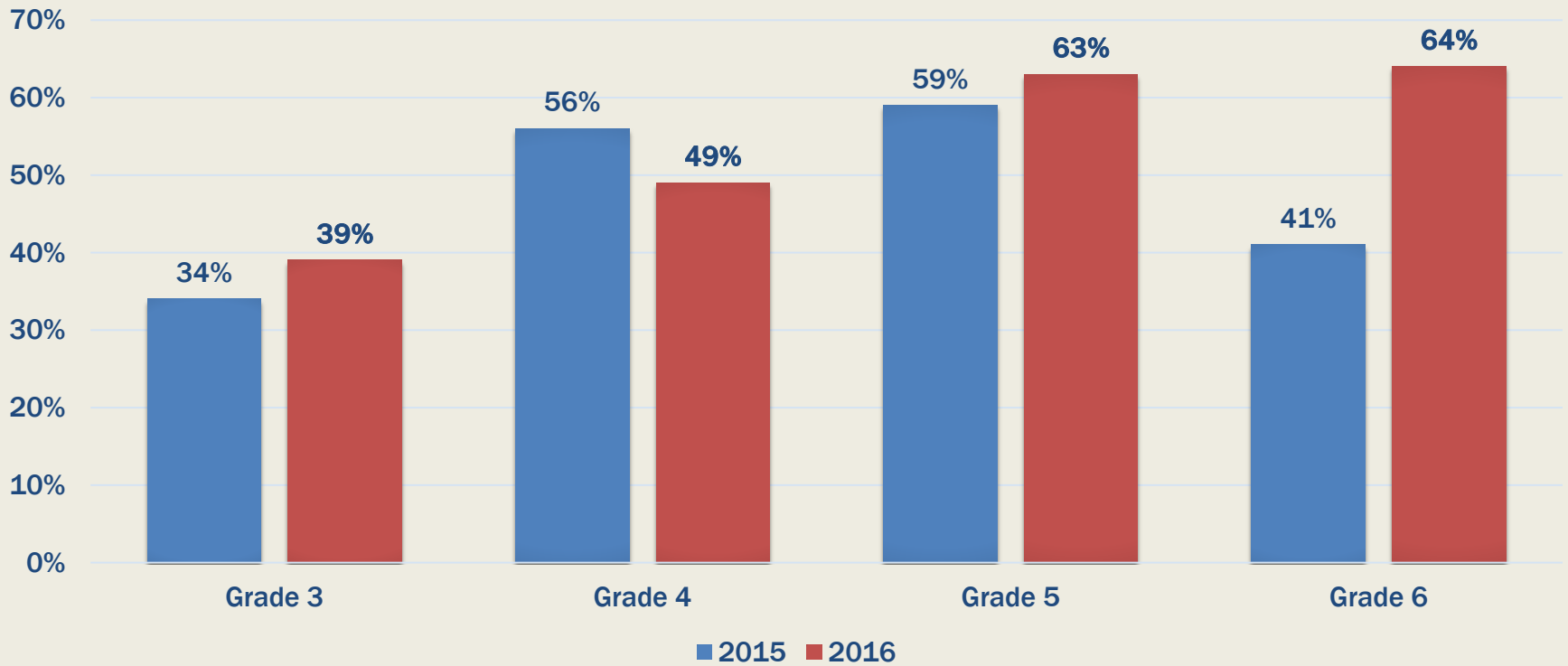
Madison ELA Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Percentages are approximate.

ROOSEVELT GROWTH IN ENGLISH LANGUAGE ARTS/L

Roosevelt ELA Comparison Spring 2015 – Spring 2016 Levels 4 & 5

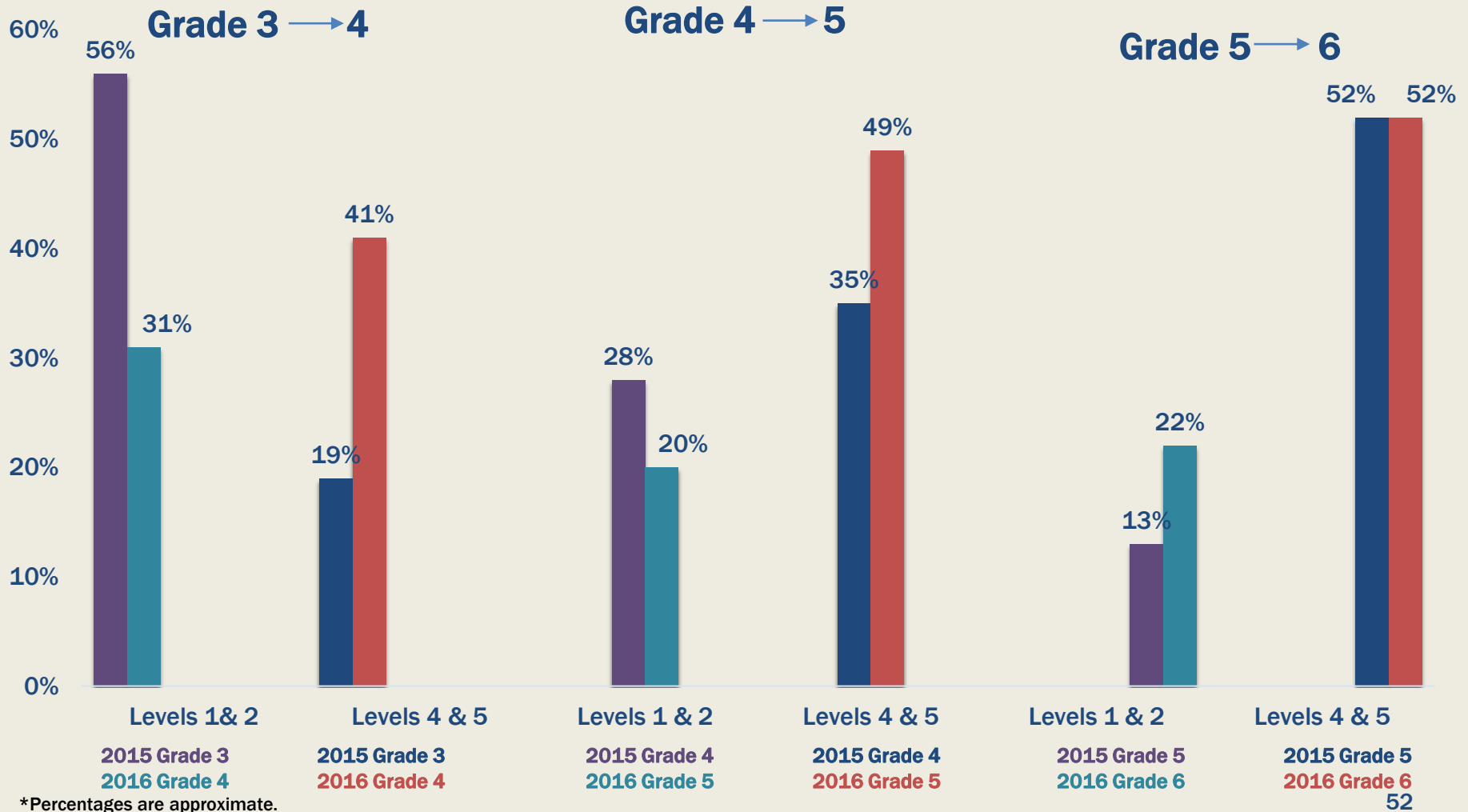


*Percentages are approximate.

FRANKLIN GROWTH BY COHORTS

SPRING 2015-SPRING 2016

ENGLISH LANGUAGE ARTS/L

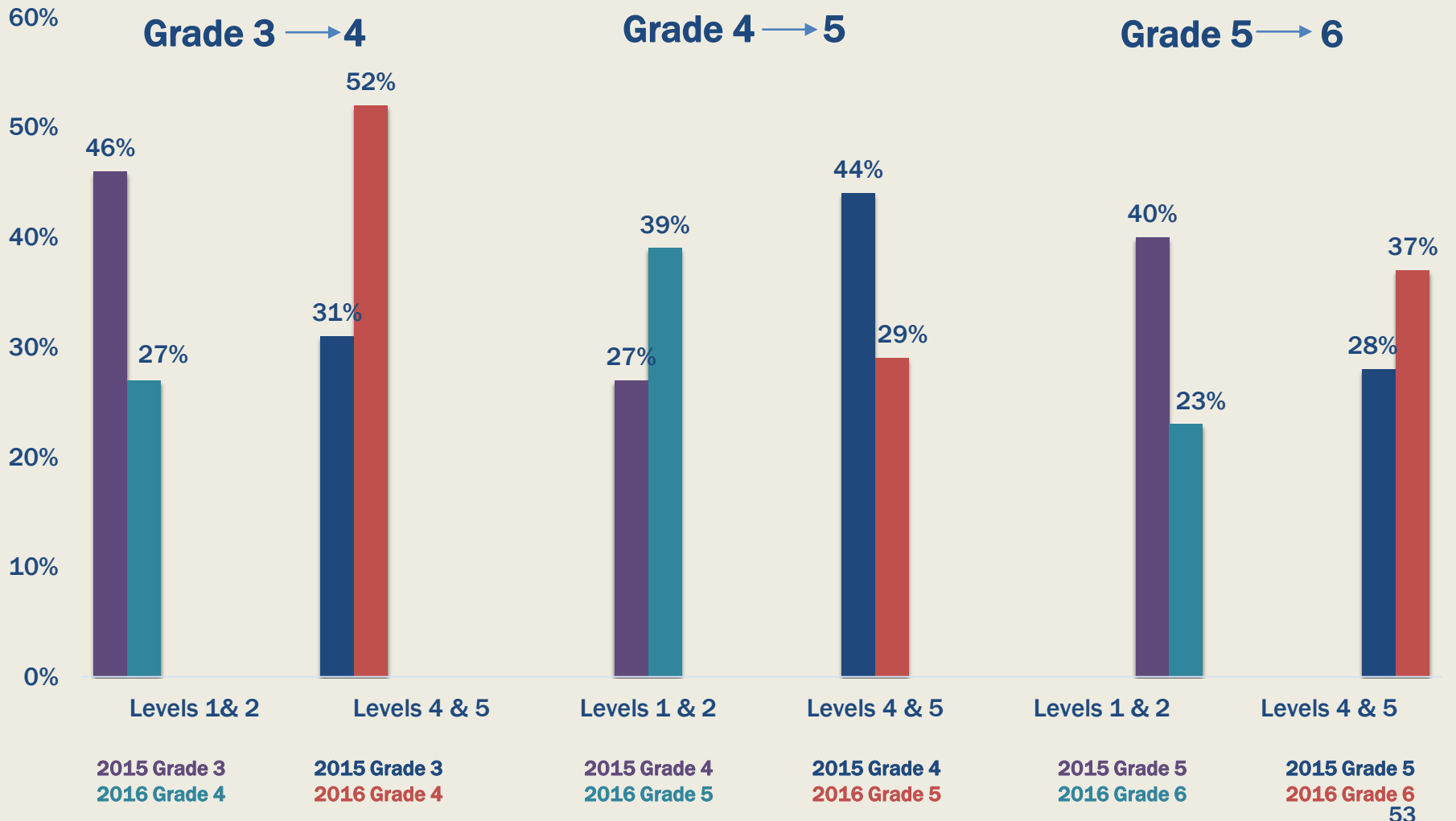


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GROVER CLEVELAND GROWTH BY COHORTS

SPRING 2015-SPRING 2016

ENGLISH LANGUAGE ARTS/L

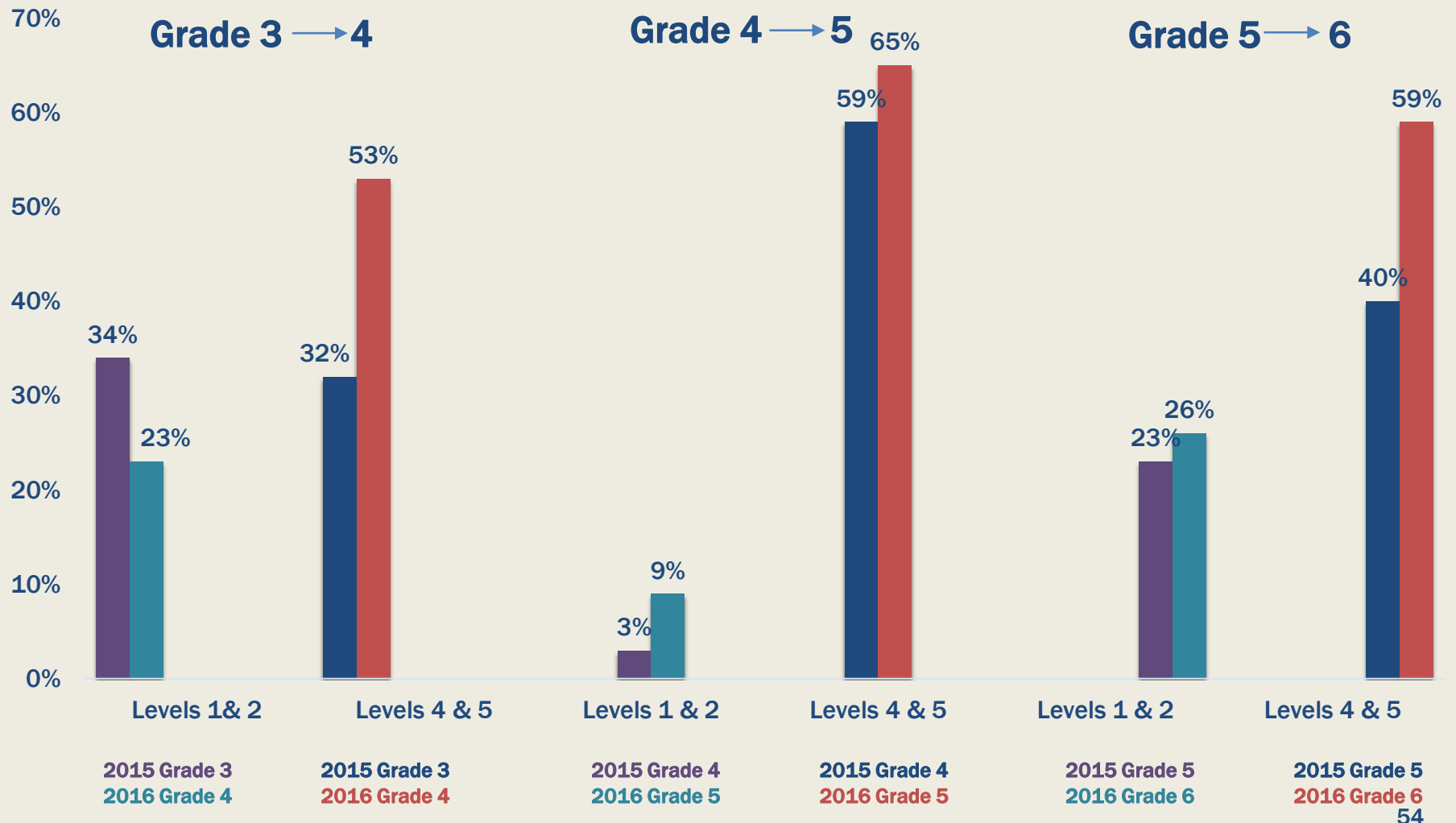


*Percentages are approximate.

MADISON GROWTH BY COHORTS

SPRING 2015-SPRING 2016

ENGLISH LANGUAGE ARTS/L

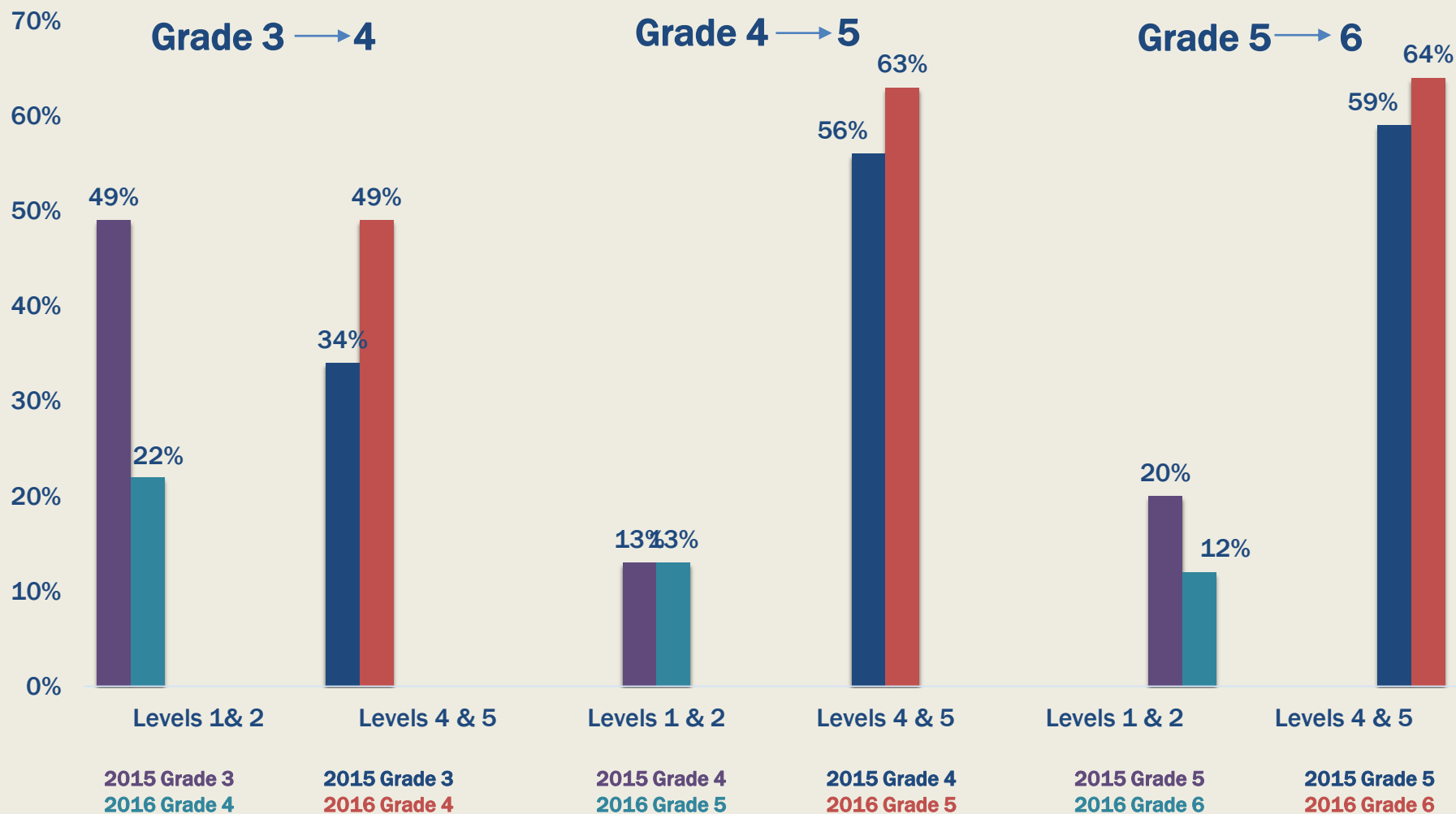


*Percentages are approximate.

ROOSEVELT GROWTH BY COHORTS

SPRING 2015-SPRING 2016

ENGLISH LANGUAGE ARTS/L



*Percentages are approximate.

MATHEMATICS

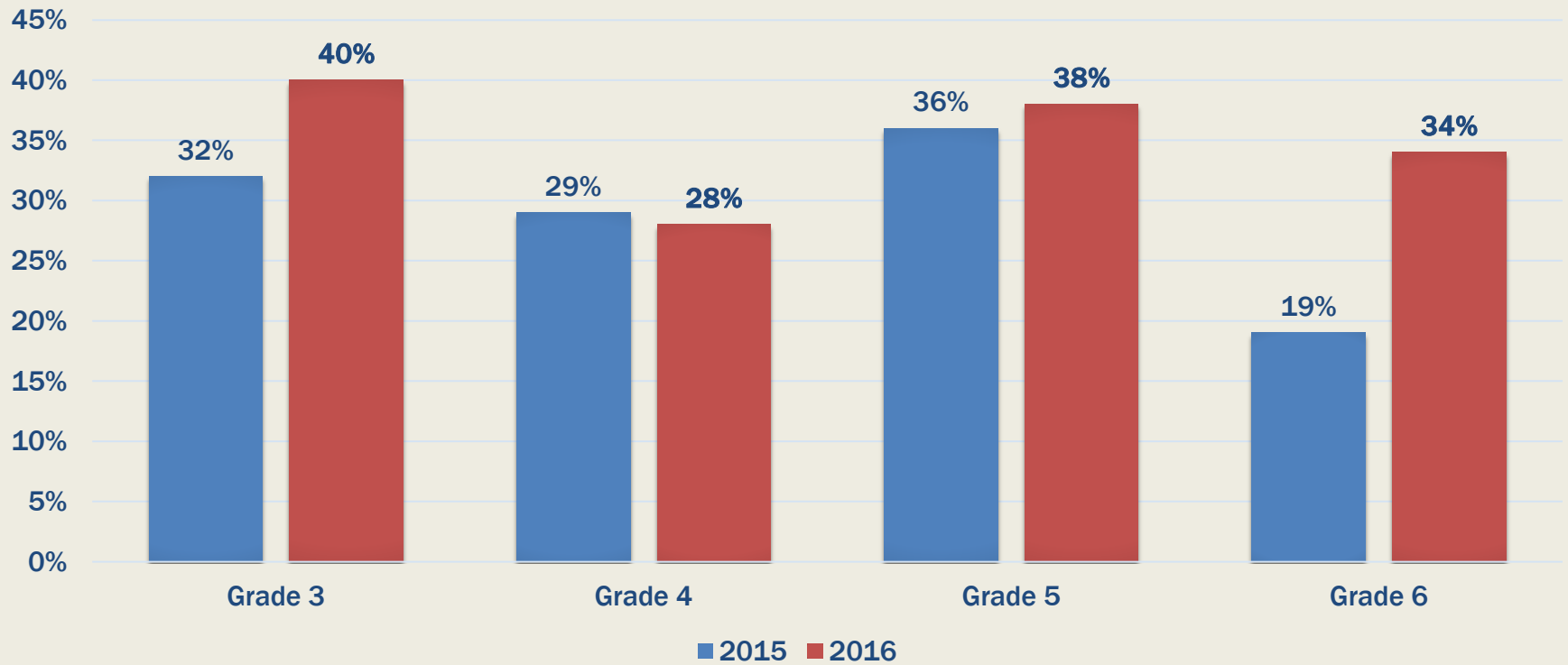
COMPARISON OF **RAHWAY'S** SPRING 2015 AND SPRING 2016 PARCC ADMINISTRATIONS MATHEMATICS

	Not Yet Meeting Expectations (Level 1)		Partially Meeting Expectations (Level 2)		Approaching Expectations (Level 3)		Meeting Expectations (Level 4)		Exceeding Expectations (Level 5)	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Grade 3	9%	7%	26%	22%	33%	29%	28%	37%	4%	5%
Grade 4	4%	7%	22%	27%	34%	29%	36%	36%	3%	2%
Grade 5	5%	5%	27%	23%	31%	32%	36%	37%	2%	3%
Grade 6	4%	10%	33%	20%	37%	34%	25%	33%	1%	3%
Grade 7	12%	9%	30%	25%	41%	38%	16%	27%	0%	0%
Algebra I	23%	22%	43%	35%	24%	25%	10%	17%	0%	0%
Algebra II	39%	47%	29%	27%	26%	15%	5%	11%	0%	0%
Geometry	18%	17%	49%	53%	28%	23%	5%	6%	0%	0%

*Percentages are approximate.

FRANKLIN GROWTH IN MATHEMATICS

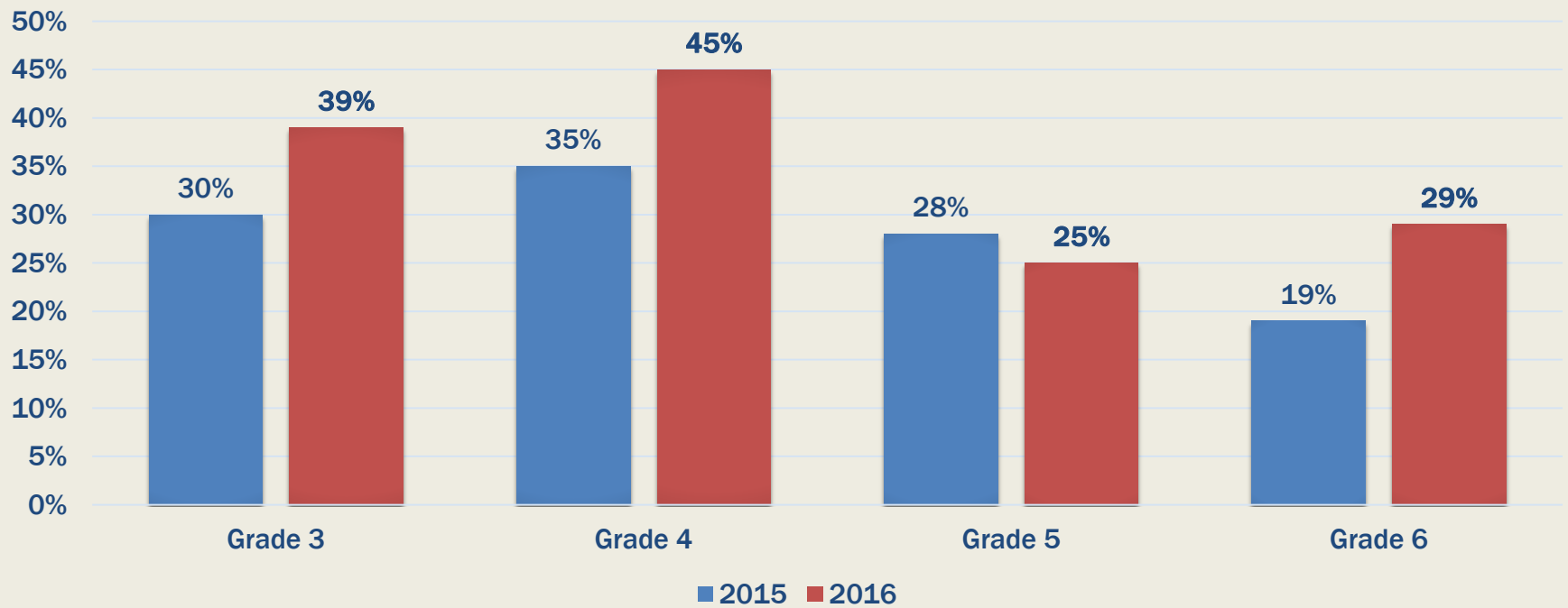
Franklin Math Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Percentages are approximate.

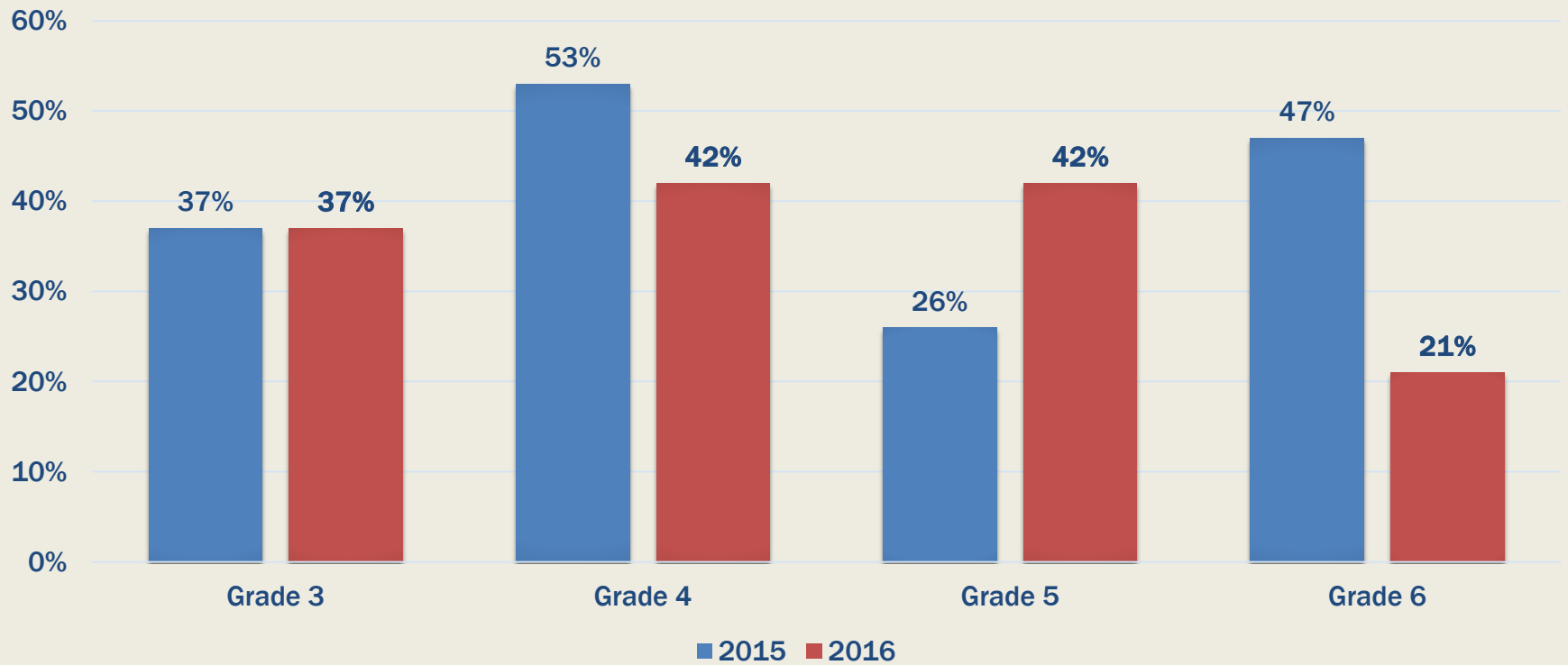
GROVER CLEVELAND GROWTH IN MATHEMATICS

Grover Cleveland Math Comparison Spring 2015 – Spring 2016 Levels 4 & 5



MADISON GROWTH IN MATHEMATICS

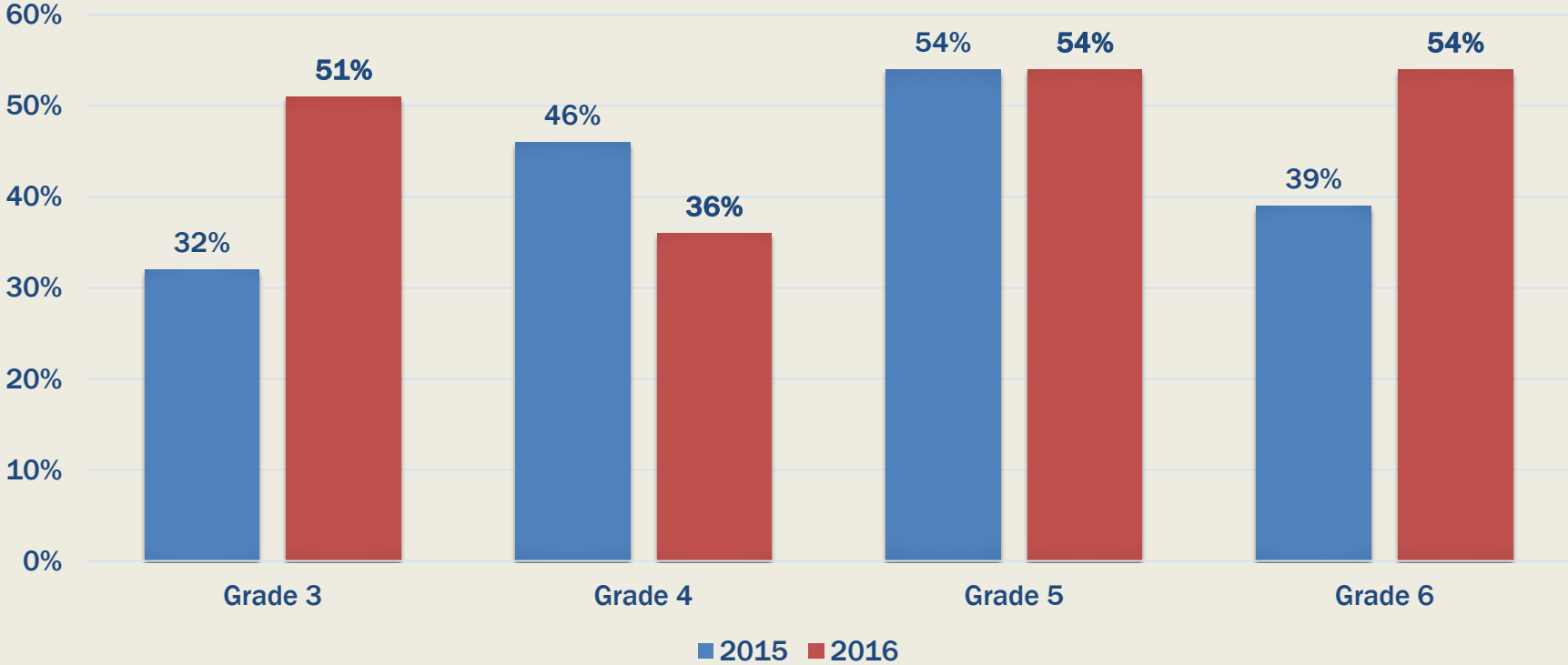
Madison Math Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Percentages are approximate.

ROOSEVELT GROWTH IN MATHEMATICS

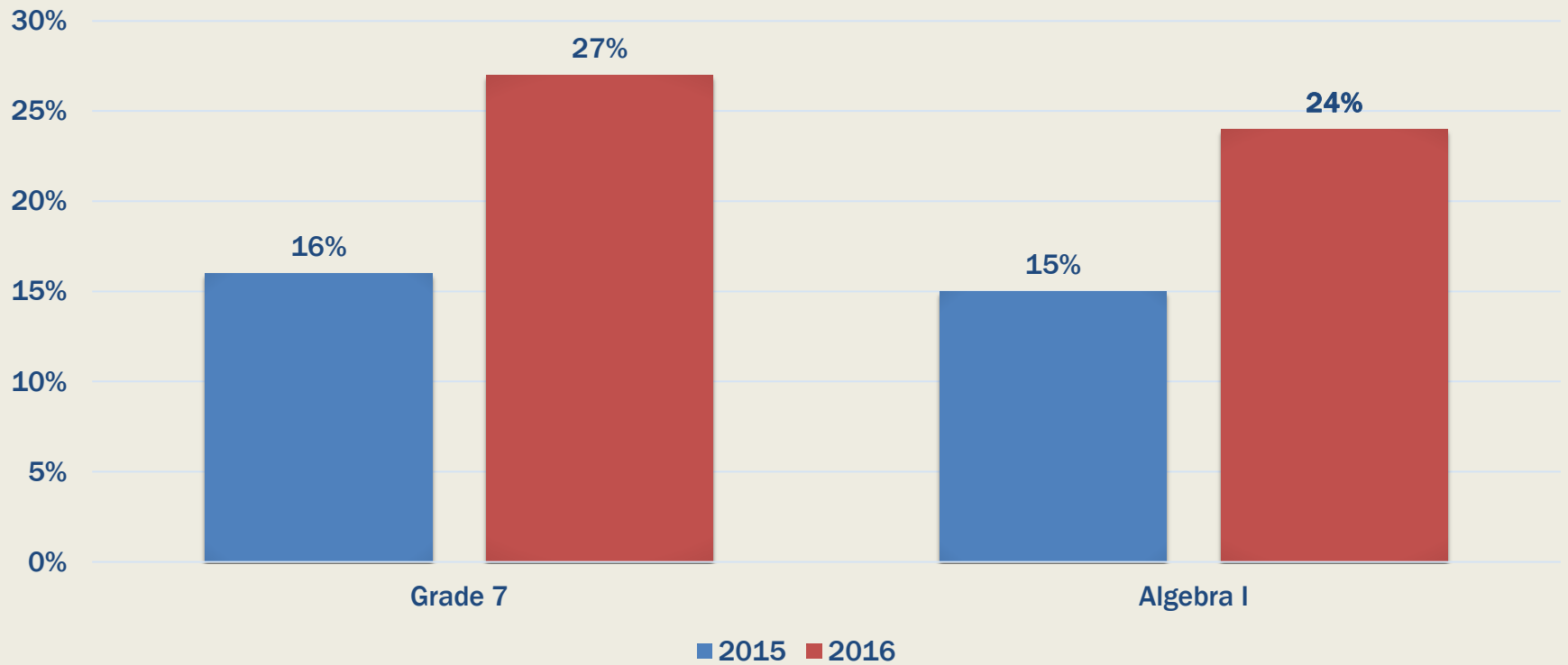
Roosevelt Math Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Percentages are approximate.

ACADEMY GROWTH IN MATHEMATICS

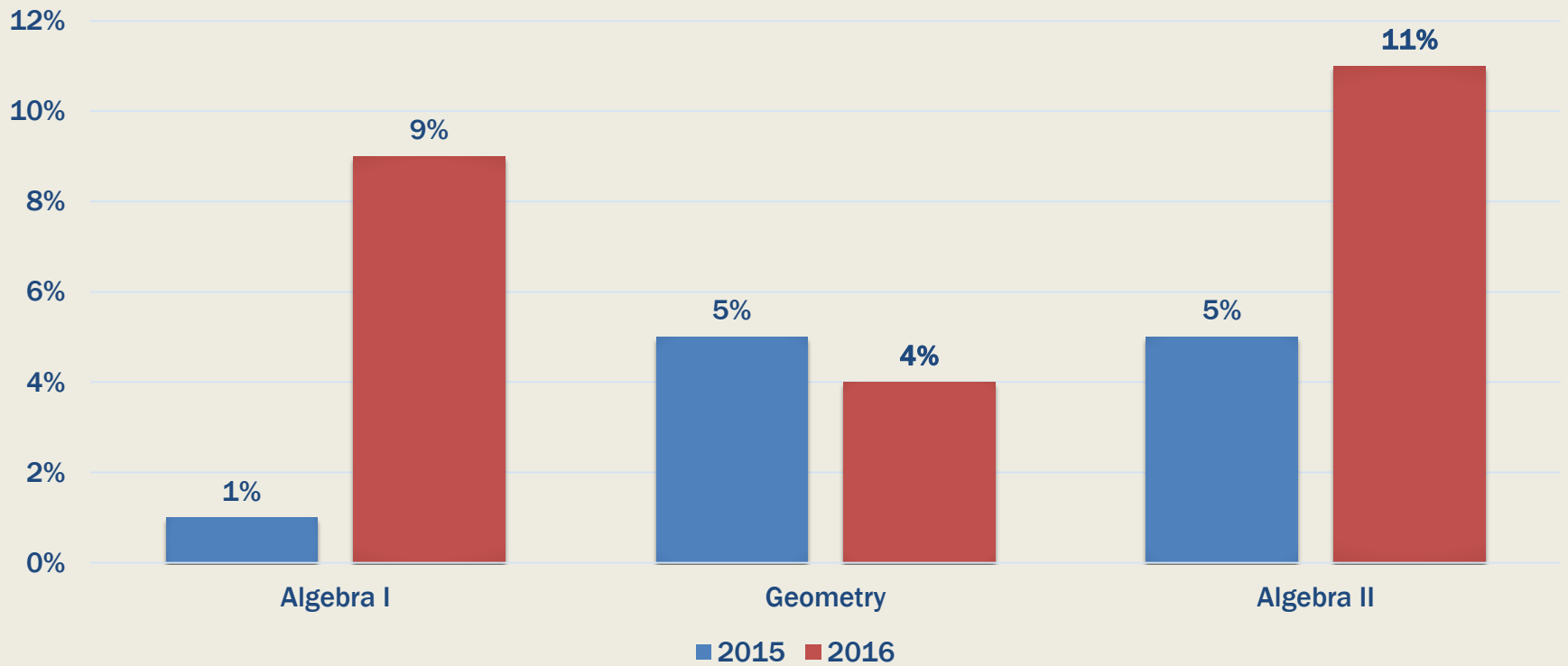
Academy Math Comparison Spring 2015 – Spring 2016 Levels 4 & 5



*Grade 8 Math or Geometry assessments are not included due to small sample size.

RAHWAY HIGH SCHOOL GROWTH IN MATHEMATICS

RHS Math Comparison Spring 2015 – Spring 2016 Levels 4 & 5

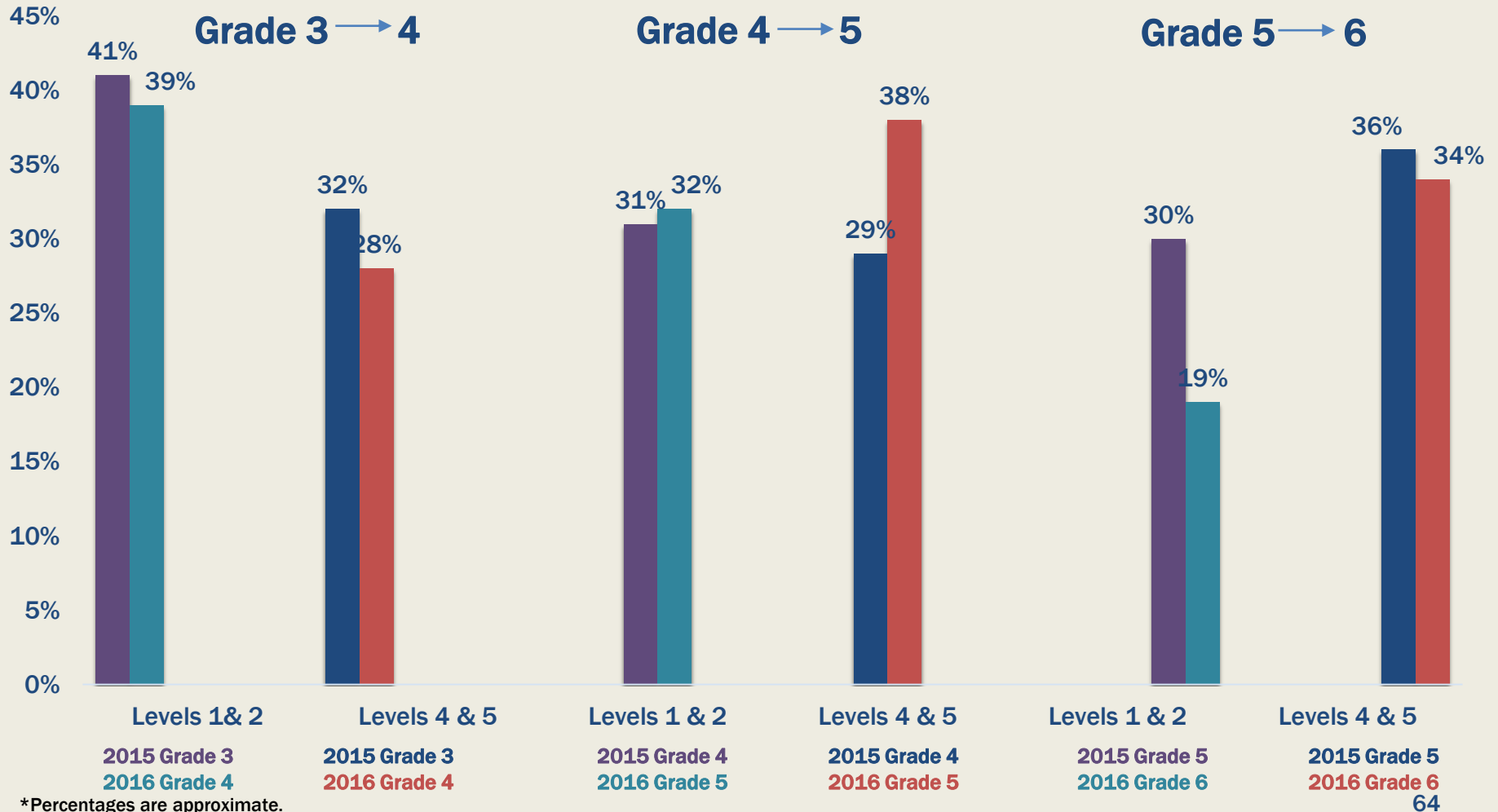


*Percentages are approximate.

FRANKLIN GROWTH BY COHORTS

SPRING 2015-SPRING 2016

MATHEMATICS

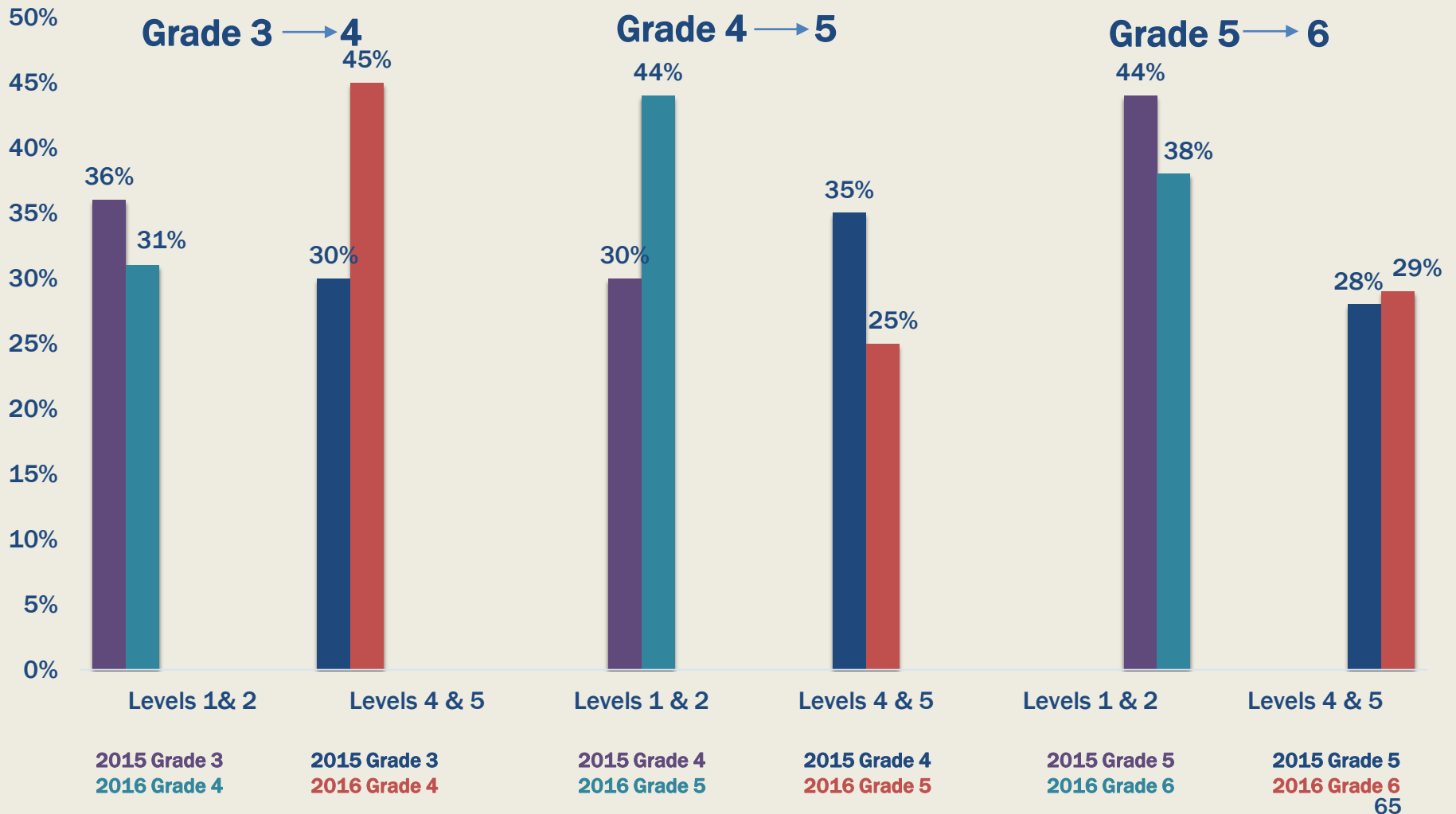


*Percentages are approximate.

GROVER CLEVELAND GROWTH BY COHORTS

SPRING 2015-SPRING 2016

MATHEMATICS

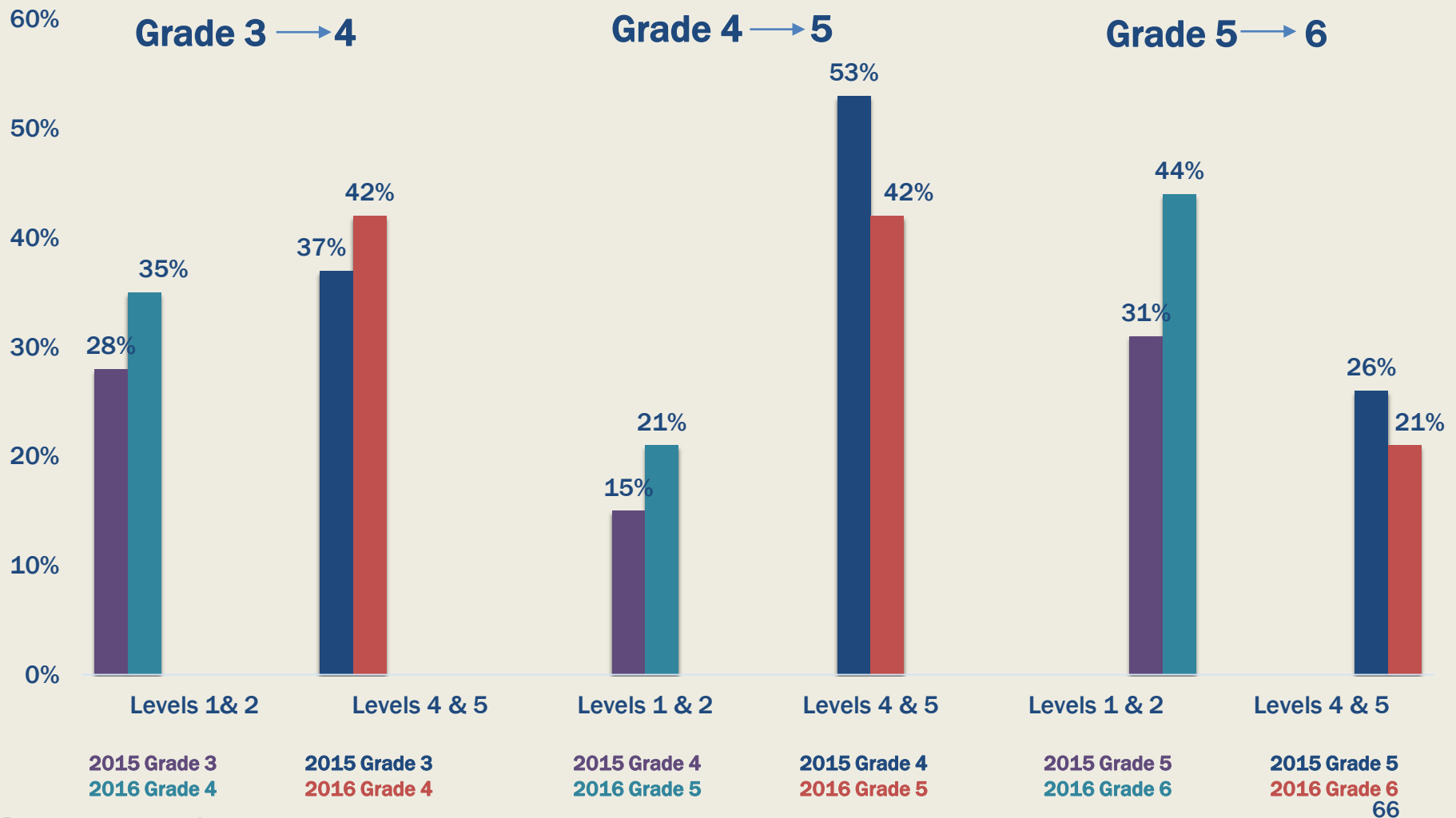


*Percentages are approximate.

MADISON GROWTH BY COHORTS

SPRING 2015-SPRING 2016

MATHEMATICS

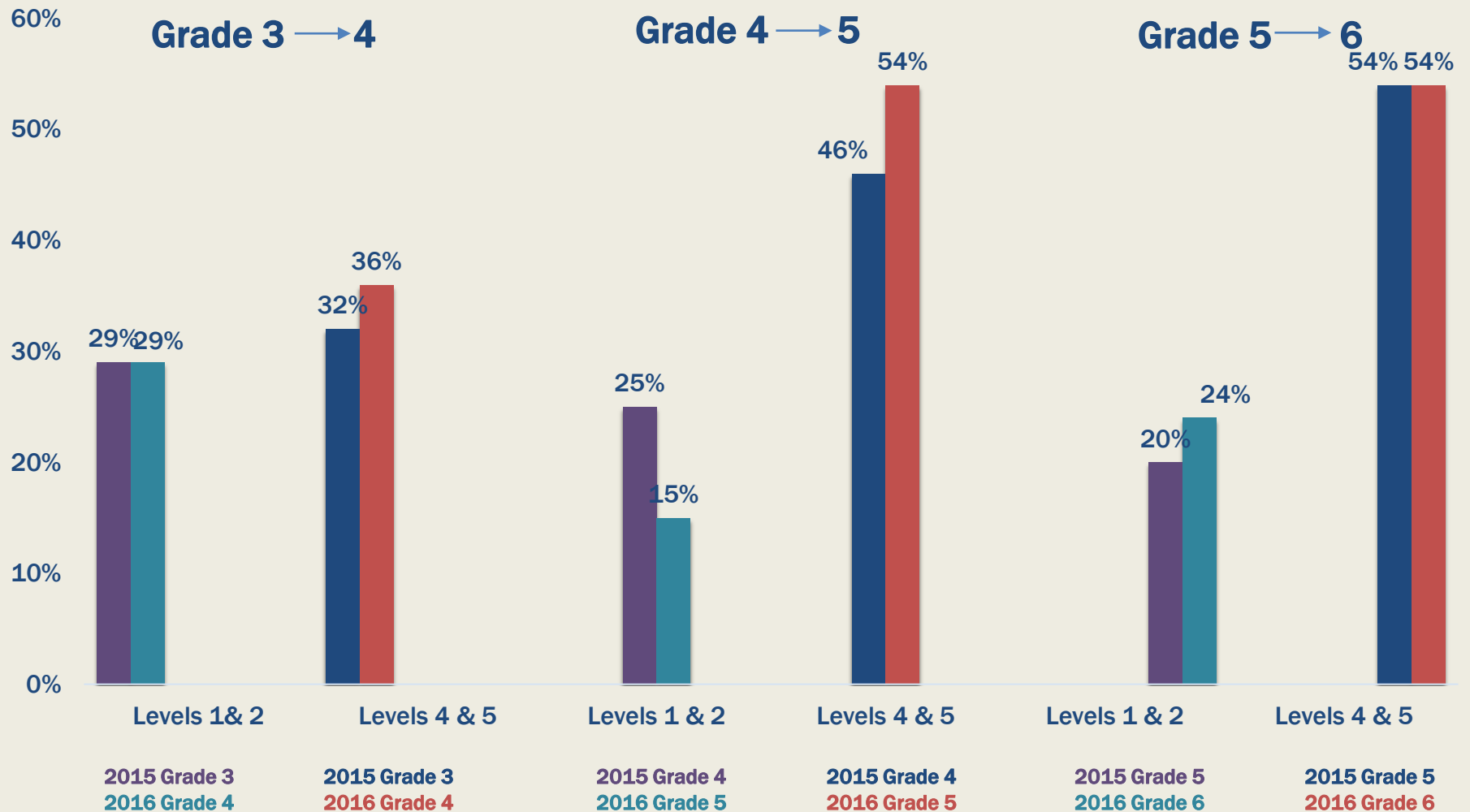


*Percentages are approximate.

ROOSEVELT GROWTH BY COHORTS

SPRING 2015-SPRING 2016

MATHEMATICS



*Percentages are approximate.

NEW JERSEY ASSESSMENT OF SKILLS AND KNOWLEDGE- SCIENCE GRADE 4 SCHOOLS

Spring 2016 NJASK Science Grade 4 School Proficiency Rates

