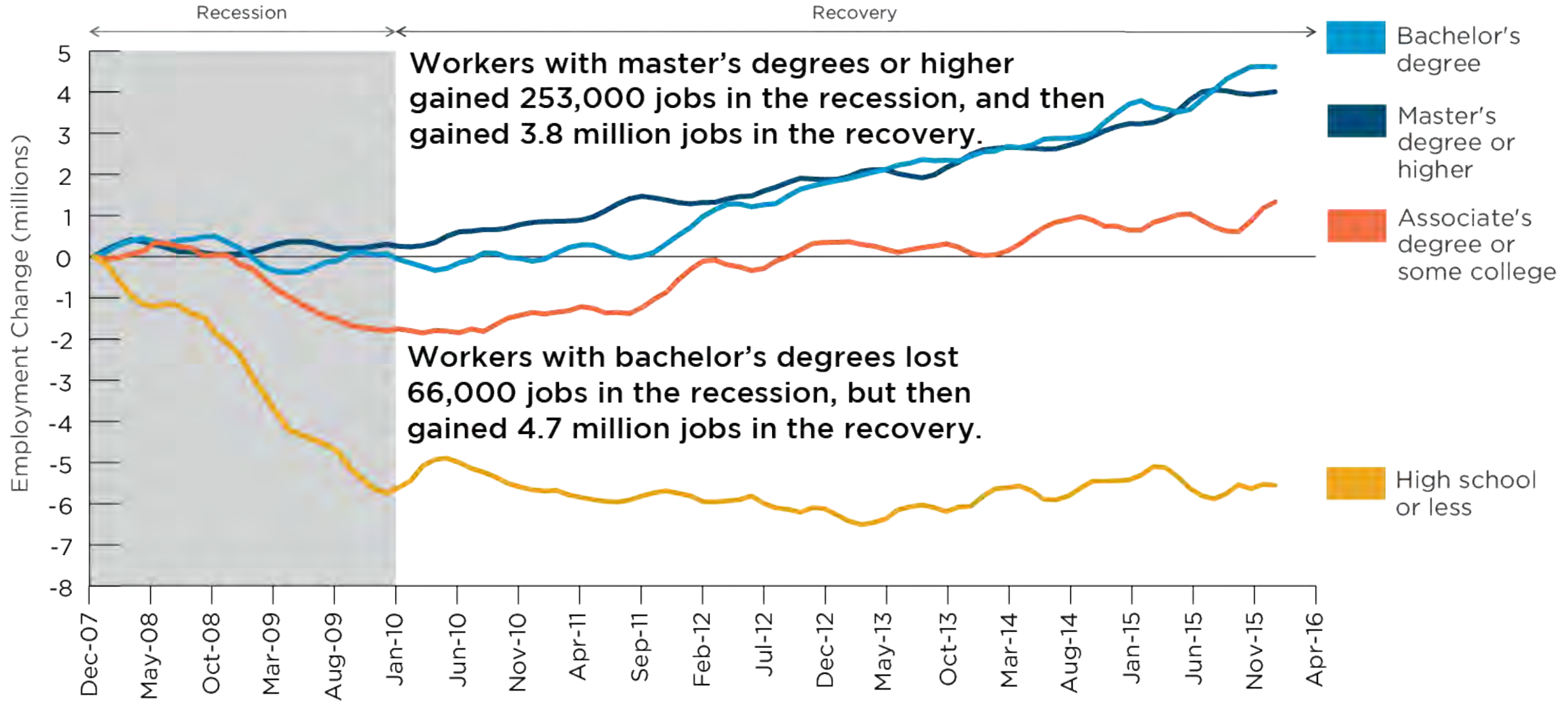




OKLAHOMA STATE DEPARTMENT OF
EDUCATION
— CHAMPION EXCELLENCE —

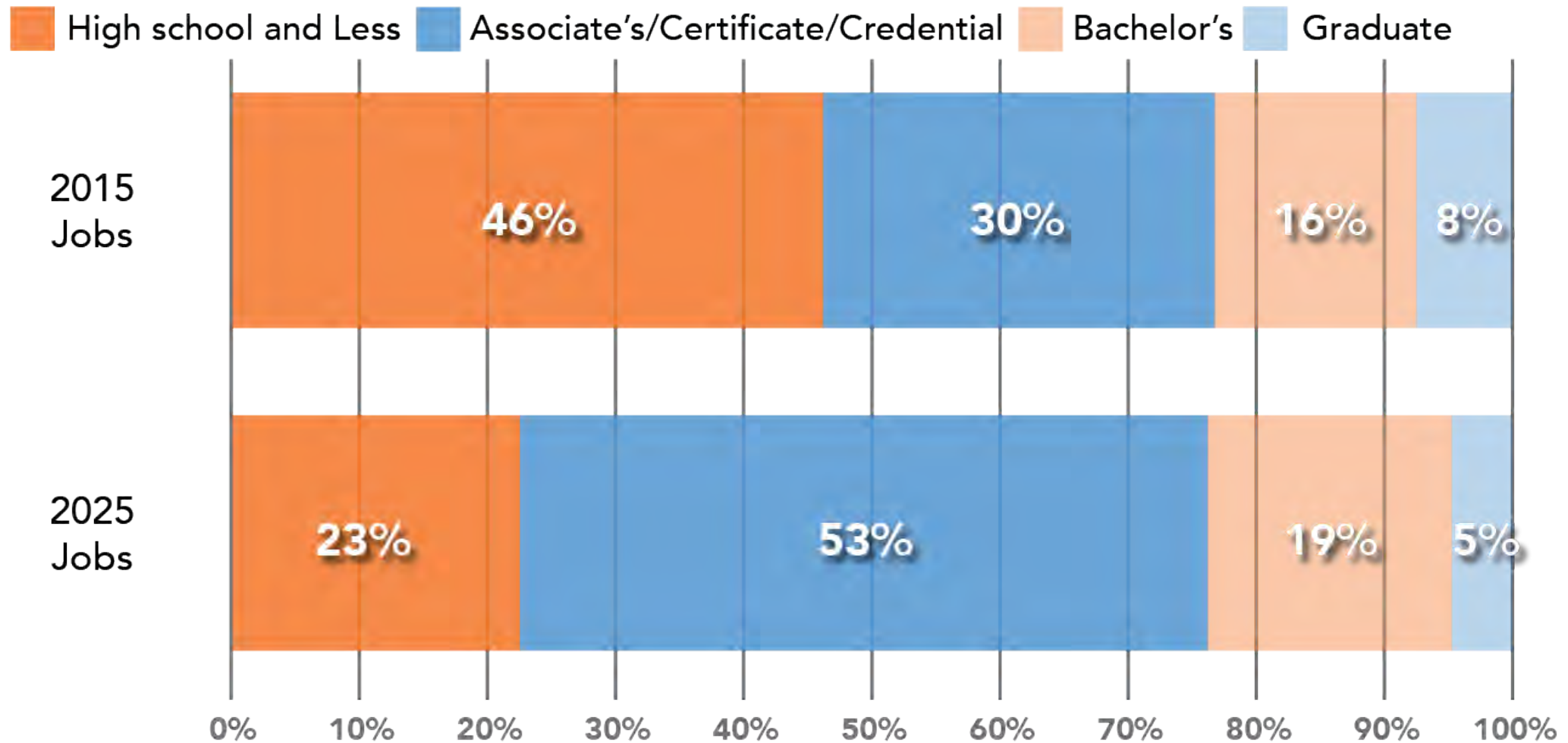
**GIVING OKLAHOMA STUDENTS A COMPETITIVE EDGE
GUIDANCE FOR EDUCATORS**

NATIONAL WORKFORCE TRENDS



Source: <https://cew.georgetown.edu/cew-reports/americas-divided-recovery/#powerpoint>

OKLAHOMA'S WORKFORCE GAP



MRS. SMITH'S 5TH GRADE CLASS: GRADUATES 2025



THE CLASSROOM TEACHER:

- **STILL is the single most significant contributor to student achievement**
- **Is an important influence on students who do not have a loving parent at home**
- **Can completely erase the academic effects of poverty within five years**
- **“It turns out that the decisions that determine school quality are made by teachers in the classroom on a day-to-day basis.” -Rick Stiggins**

IT'S ALL ABOUT RELATIONSHIPS!

- **STILL is the single most significant contributor to student achievement**
- **Is an important influence on students who do not have a loving parent at home**
- **Can completely erase the academic effects of poverty within five years**
- **“It turns out that the decisions that determine school quality are made by teachers in the classroom on a day-to-day basis.” -Rick Stiggins**

GUIDING QUESTIONS

How does Oklahoma compare nationally using the SAT and ACT as the benchmark?

How can we assure that Oklahoma students in grades 3-8 are on track to be college and career ready?

OKLAHOMA 2017 PRELIMINARY RESULTS

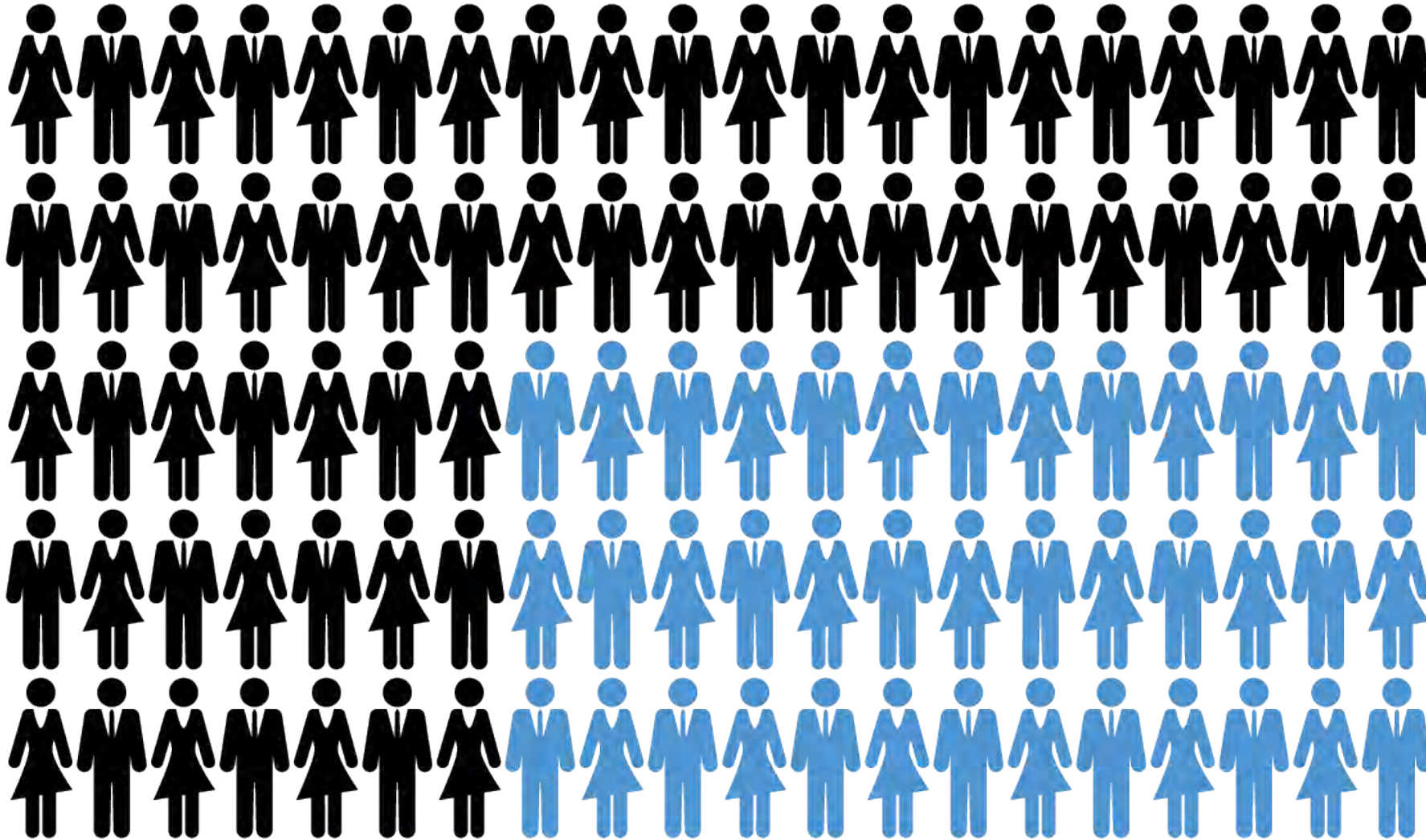
The **ACT**[®]

- **English**
 - 46% met benchmark
(minimum score of 18)
- **Mathematics**
 - 25% met benchmark
(minimum score of 22)
- **Reading**
 - 37% met benchmark
(minimum score of 22)

SAT[®]

- **Reading & Writing**
 - 45% met benchmark
(minimum score of 480)
- **Mathematics**
 - 23% met benchmark
(minimum score of 530)

HIGH REMEDIATION RATES



39%

of Oklahoma
2015 high school
graduates had
to take remedial
classes in college

REMEDIAL COURSES IMPACT STUDENT SUCCESS

- 81% of Oklahoma *community college students* who are required to take a remedial math class **fail to graduate within three years.**
- Around 70% of students who take a remedial math class at a **four-year university fail to graduate within six years.**

COLLEGE REMEDIATION



\$22,192,000

ANNUAL OUT-OF-POCKET COSTS

FIRST-YEAR
COLLEGE
STUDENTS

39.1%

ENROLLED IN
REMEDICATION

FIRST-YEAR
COLLEGE
STUDENTS

33.6%

ENROLLED IN MATH
REMEDICATION
IN 2015

TASK FORCE RECOMMENDATIONS FOR OKLAHOMA ASSESSMENTS

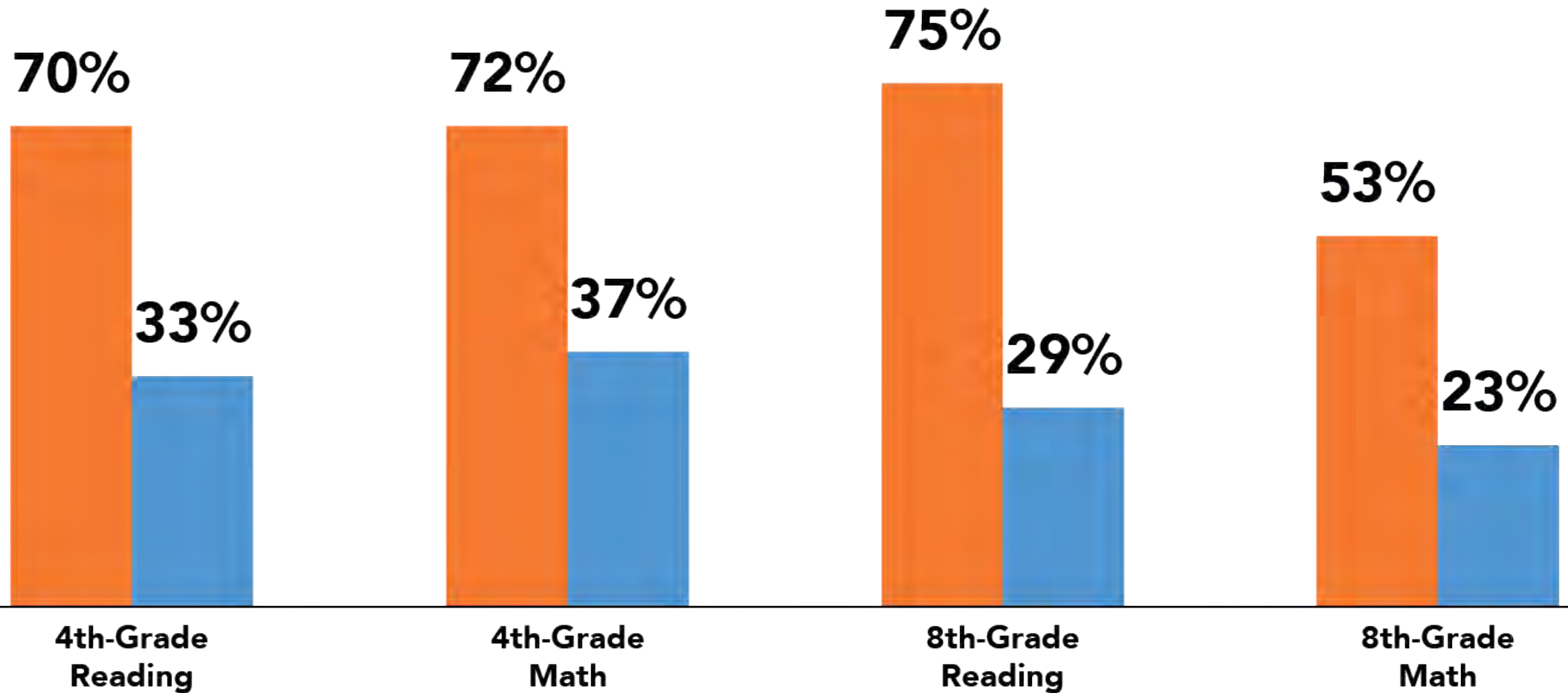
- **National college- and career-readiness assessment for high school**
- **Score interpretation purpose**
 - Provide a measure of performance in grades 3-8 that indicates being on track for college and career readiness (CCR)
- **Reporting and state comparability**
 - Utilize National Assessment of Educational Progress (NAEP) data to establish statewide comparisons in grades 4 and 8. NAEP data should also be used during standard-setting activities to ensure the CCR performance-level expectations are set using national and other state data.

The **ACT**[®]
SAT

IMPORTANCE OF COMPARABILITY: COMPARISON OF PROFICIENCY SCORES, 2015

State Assessment (OCCT)

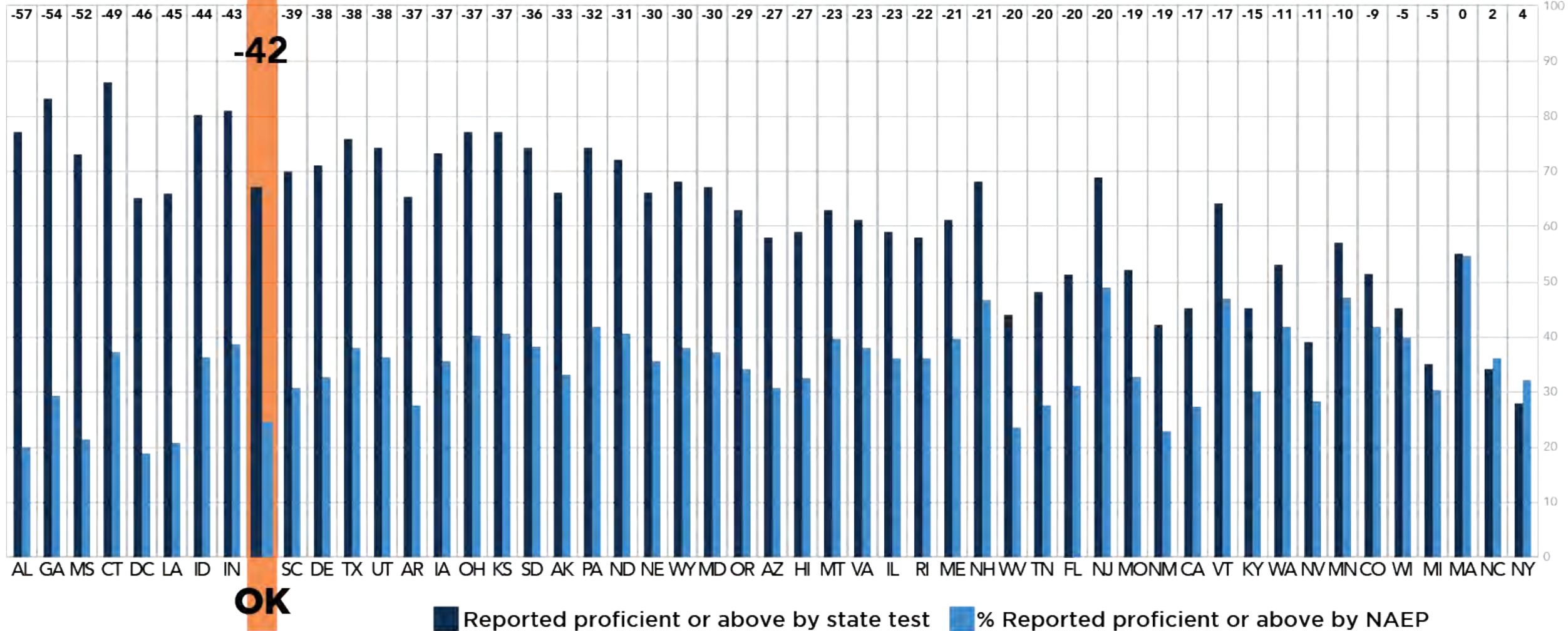
National Assessment (NAEP)



PROFICIENT VS. PREPARED

8TH GRADE MATH, 2012-2013

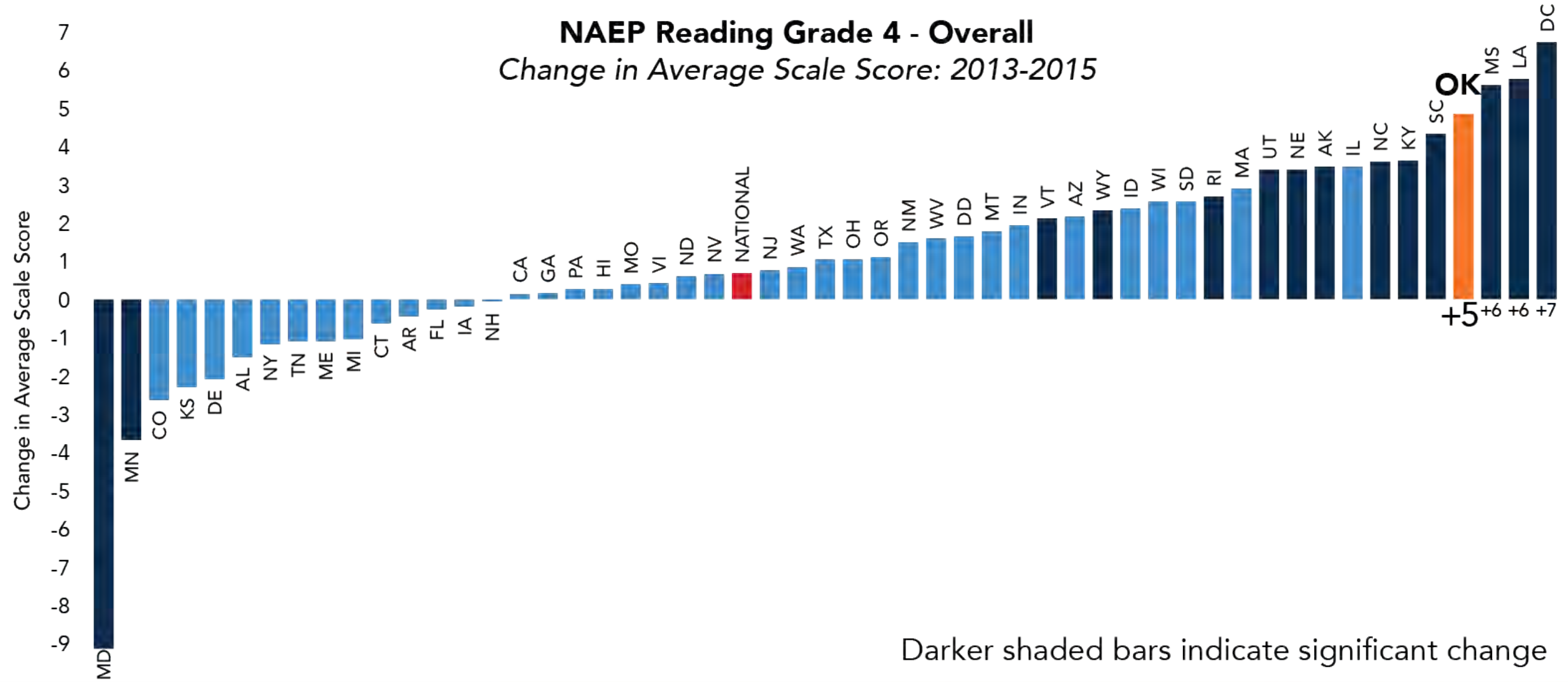
Differential



OK

NAEP READING PERFORMANCE

NAEP Reading Grade 4 - Overall
 Change in Average Scale Score: 2013-2015



Darker shaded bars indicate significant change

RETHINKING PROFICIENCY

- Since 2011, **45 states** have raised their standards for student proficiency in reading and math, with the greatest gains between 2013 and 2015.

WHAT WILL INCREASING STUDENT EXPECTATIONS LOOK LIKE?



UTAH PERCENT PROFICIENT

	2013	2014	2015	2016
ELA 3-8	83%	42%	44%	45%
MATH 3-8	79%	42%	46%	45%



ARIZONA PERCENT PROFICIENT

	2013	2014	2015	2016
ELA 3-8	80%	81%	37%	41%
MATH 3-8	65%	65%	37%	39%

TRANSITION TO OKLAHOMA ACADEMIC STANDARDS

2014

Implemented more comprehensive science standards

2016

Implemented more comprehensive math & ELA standards

2017 SPRING

Administered more complex assessments

2017 SUMMER

Assessment standard-setting

WHAT IS CHANGING?

- **Evolving workforce requirements**
- **New, more comprehensive standards**
- **New, more complex assessments (Oklahoma School Testing Program - OSTP) aligned to the new standards**
- **New descriptors for performance levels on the new assessments**

GUIDING QUESTION

**How can we understand
Oklahoma's new performance
expectations through the lens of
Depth of Knowledge (DOK)?**

WHAT IS DEPTH OF KNOWLEDGE (DOK)?

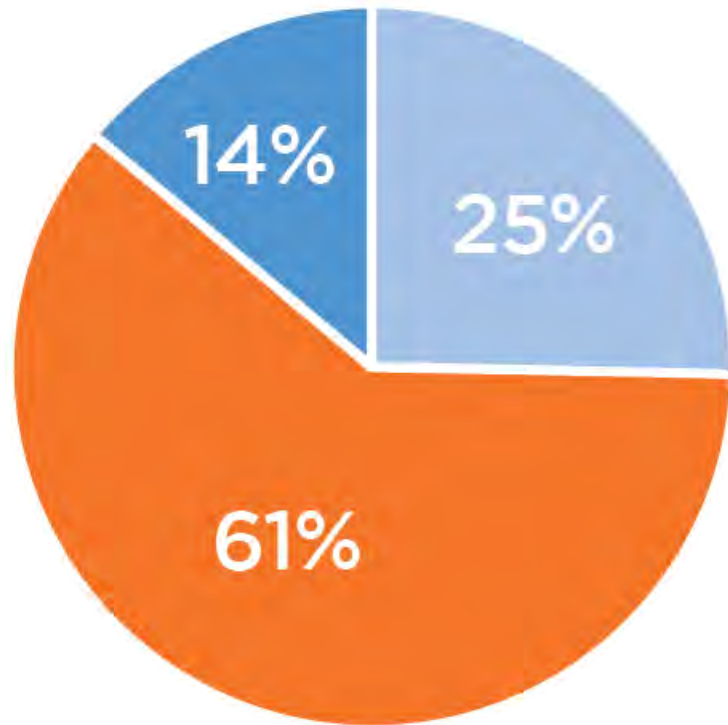
- DOK is a common term educators use to describe the **complexity of learning tasks and test items.**
- **Difficulty is not equivalent to complexity.**

DOK IS ABOUT COMPLEXITY

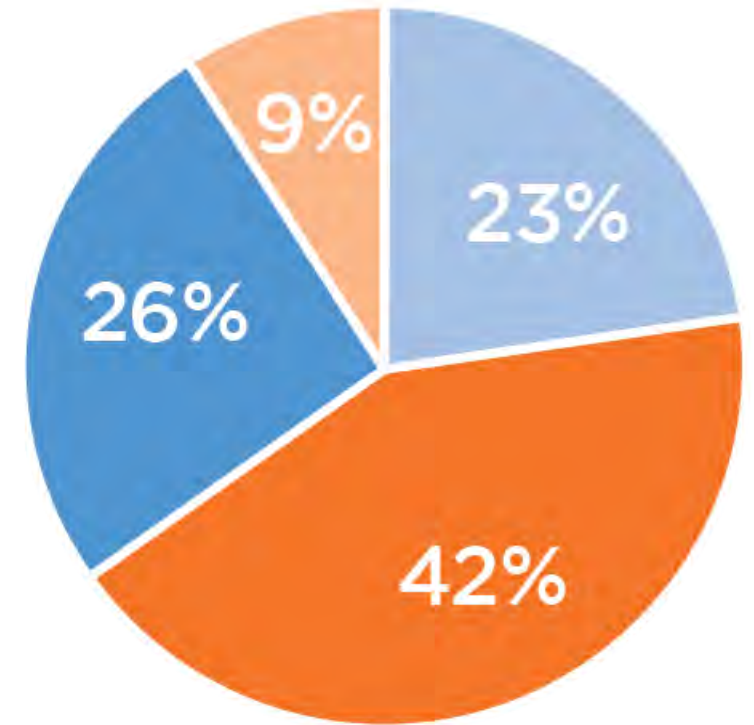
- **Level 1** requires students to use simple skills or abilities.
- **Level 2** includes the engagement of some mental processing beyond recalling.
- **Level 3** requires some higher-level mental processing like reasoning, planning and using evidence.
- **Level 4** requires complex reasoning, planning, developing and thinking over an extended period of time.

AN EXAMPLE OF DOK DISTRIBUTION FOR ASSESSED ELA STANDARDS

Old PASS

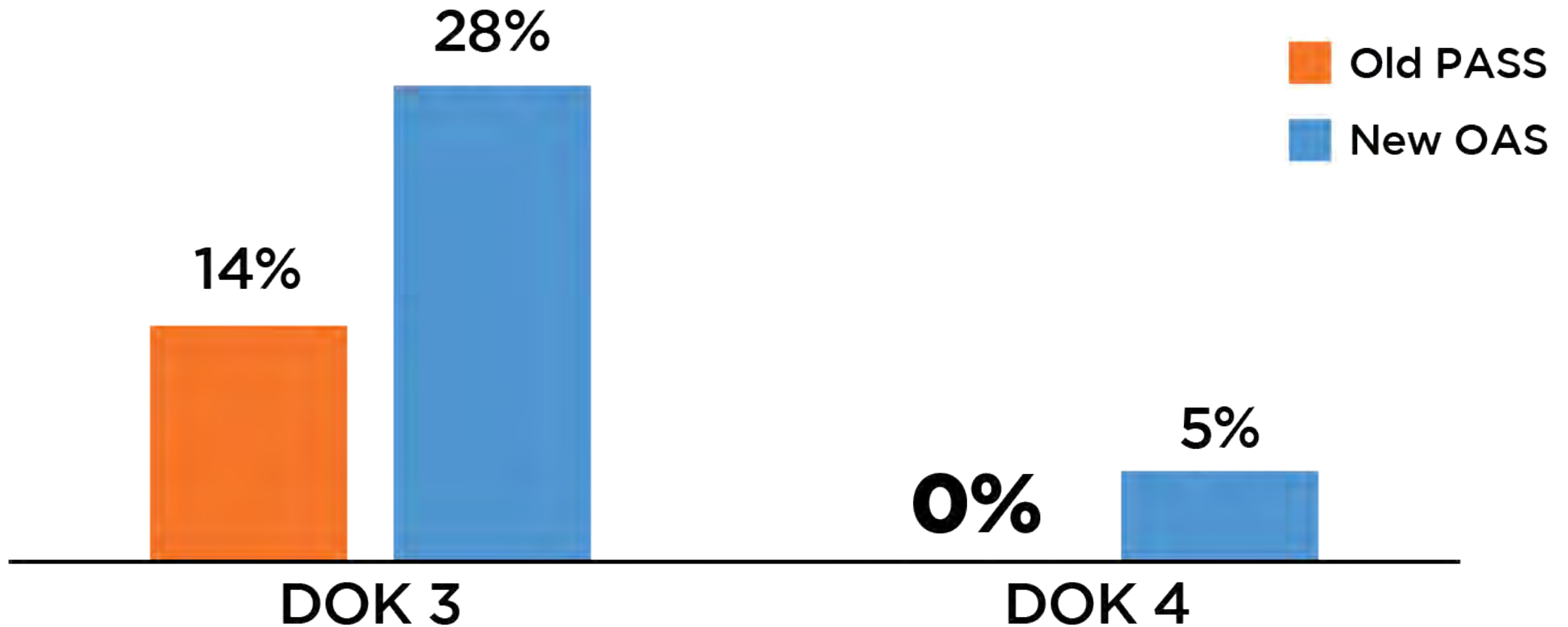


New OAS

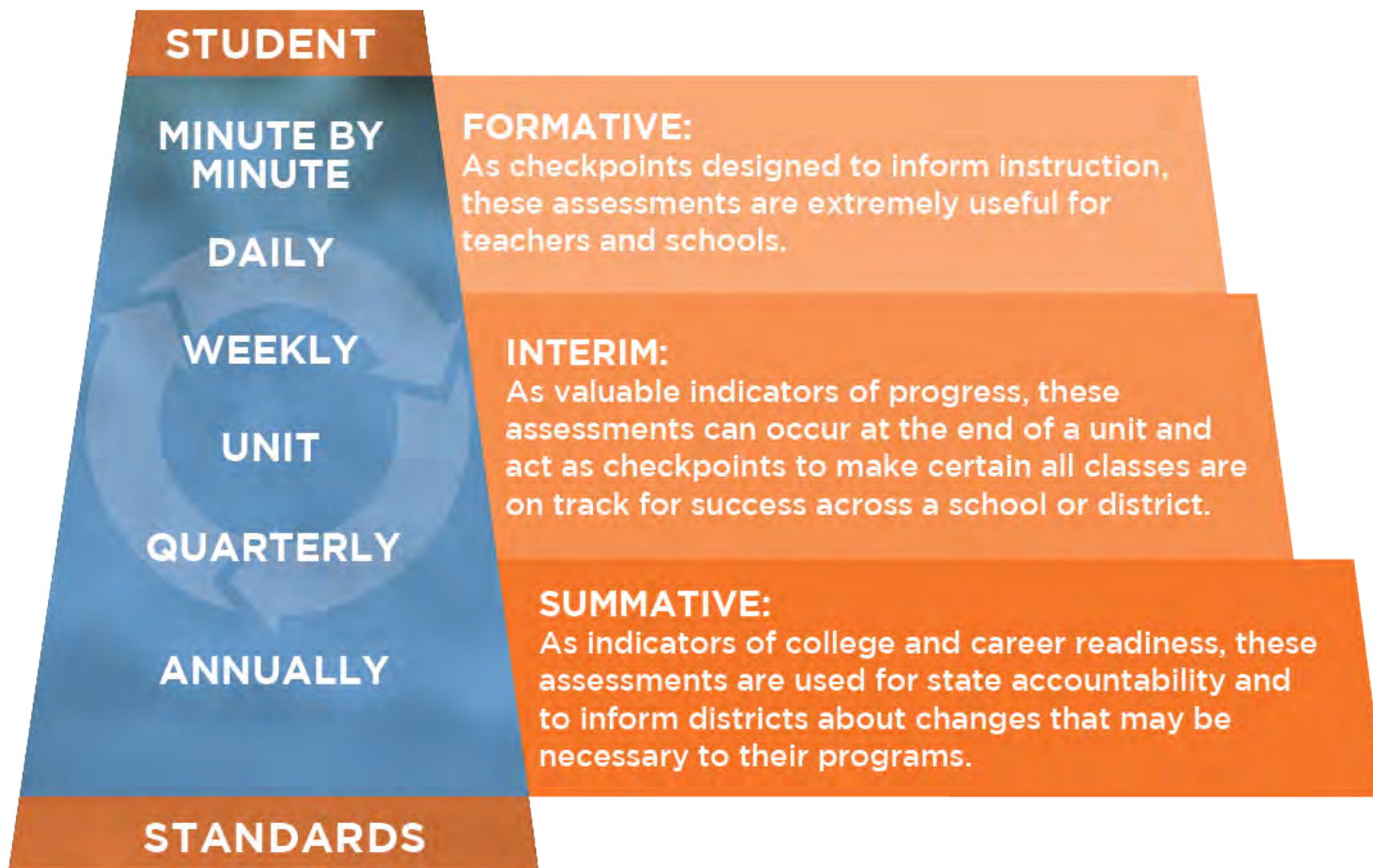


- DOK 1
- DOK 2
- DOK 3
- DOK 4

DISTRIBUTION OF DOK FOR ALL CONTENT AREAS



ASSESSMENT IN THE SYSTEM



CHECKPOINTS FOR MONITORING STUDENT PROGRESS

- **What type of assessments would you use to improve classroom instruction?**
- **What type of assessments could inform you about student conceptual understanding?**
- **What steps are you taking to ensure your classroom instruction reflects the level of DOK in your Oklahoma Academic Standards?**

CHECKPOINTS FOR MONITORING STUDENT PROGRESS

- **What ways can assessments be used to ensure students are on track and receiving equitable instruction in your district?**
- **What type of assessment could inform instructional sequence in your district?**
- **What is the role of different levels of DOK in instruction and assessment?**

RESOURCES THAT SUPPORT HIGH LEVELS OF DOK IN THE CLASSROOM

- At <http://sde.ok.gov>, use the search box at the top of the page to enter the name of your subject for **up-to-date resources and research-based professional development** that have been specifically developed to support our new standards and assessments.
- Many resources are already available, but more will be added by the time scores are released in fall 2017.

FEDERAL GUIDELINES (ESSA)

- **Adopt comprehensive academic standards**
- **Assess Math & Reading/ELA in grades 3-8 and once in grades 9-12**
- **Assess science at least once in each of the following grade spans: 3-5, 6-9 and 10-12**

STAKEHOLDER INPUT LEGISLATIVE PROCESSES

- The Oklahoma State Department of Education (OSDE) convened a 95-member Assessment and Accountability Task Force to evaluate Oklahoma's current state assessment system.
- Acknowledging overwhelming stakeholder support, the task force and OSDE recommended a comprehensive system of assessments that included a nationally recognized and comparable assessment to be used for accountability in high school.
- The recommendation was adopted by the State Board of Education, approved by the Legislature and signed by the Governor.

NEW PERFORMANCE-LEVEL DESCRIPTORS

- Stakeholders demanded a national college- and career-readiness assessment.
- HB 3218 required assessments aligned to national expectations of performance.
- This shift requires higher levels of DOK as supported by our OAS.
- **More comprehensive standards measured by more complex assessments require Oklahoma to rethink Performance-Level Descriptors.**

REDEFINING PERFORMANCE LEVELS

While your student reports will still contain legislatively required terminology, when talking with students and parents, it may be more helpful and productive to use the terminology below:

NAEP

- Advanced
- Proficient
- Basic
- Below Basic

OK School Testing Program




- Advanced
- Proficient
- Limited Knowledge
- Unsatisfactory

REDEFINING PERFORMANCE LEVELS

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NAEP

OK School Testing Program

- | | | |
|---------------|---|---|
| — Advanced | | — Advanced |
| — Proficient |  | — Proficient (on track college and career ready) |
| — Basic |  | — Limited Knowledge (Developing) |
| — Below Basic |  | — Unsatisfactory (Beginning/Emerging) |

IMPROVED OKLAHOMA ECONOMY

Students better prepared for careers and college

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Students engage with cognitively complex standards and assessments

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GUIDING QUESTION

**What will look different
moving forward?**

WHAT CAN WE COMPARE?

- **No comparison is possible to prior years**
- New standards with higher DOK levels
- New assessments with a different scale score and different performance-level descriptors

WHAT CAN WE COMPARE?

- **No comparison is possible to prior years**
- New standards with higher DOK levels
- New assessments with a different scale score and different performance-level descriptors

This year is a TOTAL reset!

OKLAHOMA SCHOOL TESTING PROGRAM 2017-2018 ASSESSMENTS

	MATH	ELA	SCIENCE
Grade 3	✓	✓	
Grade 4	✓	✓	
Grade 5	✓	✓	✓
Grade 6	✓	✓	
Grade 7	✓	✓	
Grade 8	✓	✓	✓
COLLEGE- AND CAREER-READY ASSESSMENT			
	ACT or SAT	SCIENCE CONTENT	
Grade 11	✓	✓	

GIVING OKLAHOMA STUDENTS A COMPETITIVE EDGE

TOOLKIT ITEMS

■ **Power Points**

- ✓ **Guidance for Educators**
- **Guidance for Families & Community**
- **Guidance for Business**

■ **FAQs/Talking Points**

- ✓ **General**
- **Families and Community**

■ **Other Materials**

- ✓ **What Families Need to Know flyer**
- ✓ **Assessment in the System graphic**
- ✓ **Oklahoma School Testing Program: 2017-18 Assessments and Calendar**
- ✓ **Science guidance for districts**
- ✓ **Social studies guidance for districts**
- ✓ **Video**
- **Sample press release for district use**
- **Communication to families via Measured Progress**

OKLAHOMA STATE DEPARTMENT OF EDUCATION ASSESSMENT OFFICE

- **Dr. Jeanene Barnett**

- Deputy Superintendent of Assessments & Accountability

- **Craig Walker**

- Executive Director of State Assessments

- **Maria Harris**

- Assistant Executive Director of State Assessments

- **Elizabeth Warren**

- Director of ELPA

- **Christina McCreary**

- ELA Assessment Specialist

- **Cora James**

- Science Assessment Specialist

- **Sarah Owens**

- Math Assessment Specialist

- **Rebecca Logan**

- Executive Director of National & International Assessments



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