

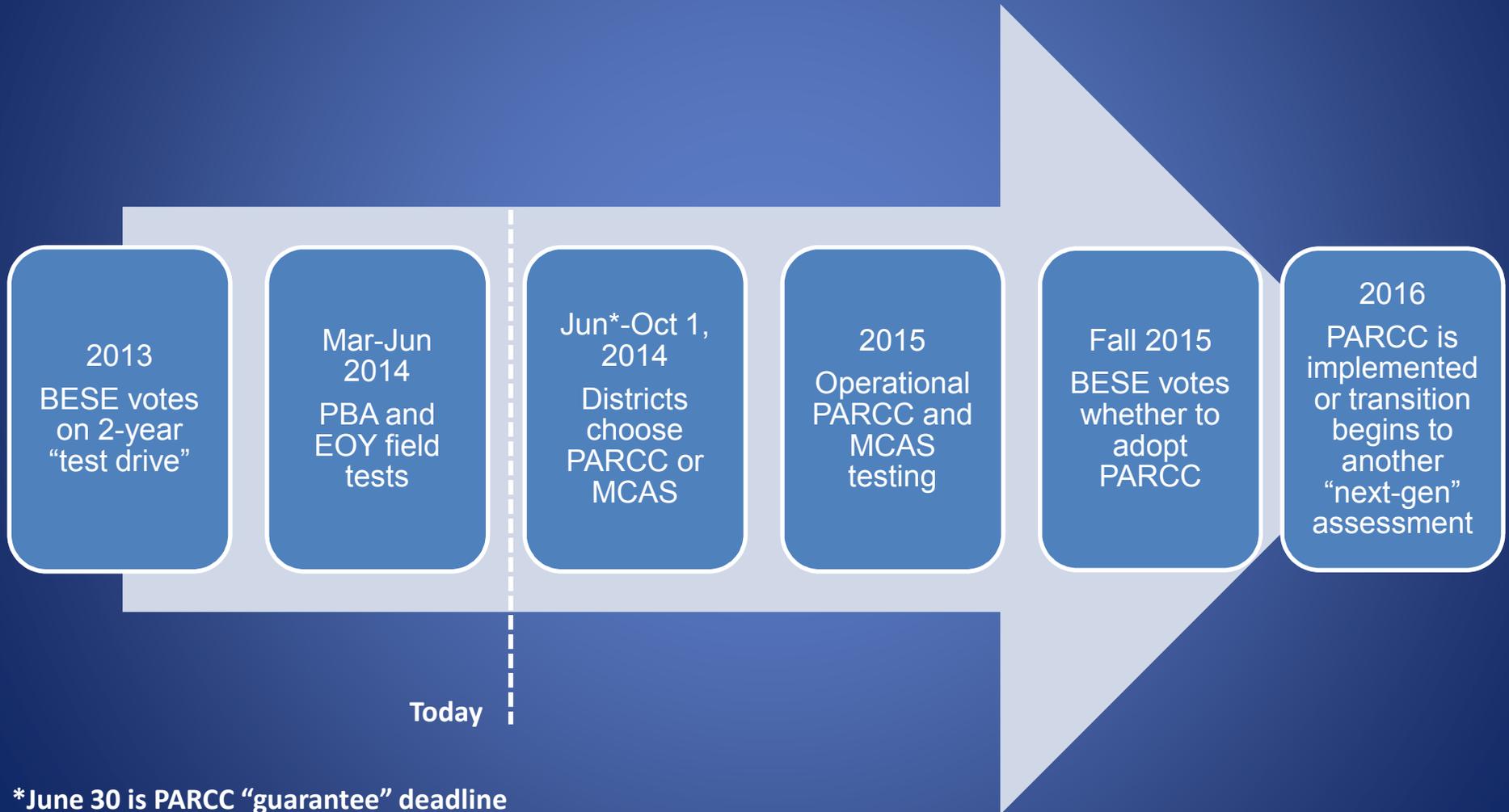
MCAS or PARCC
for
2014-2015

Presentation to School Committee
June 10, 2014

What are we being asked to select?

- Grades 3-8, ELA and mathematics
 - MCAS or PARCC
 - Same assessment for ELA and math for all schools of these grades
- If PARCC for grades 3-8
 - Paper or computer test
 - Can differ from school to school
 - Decision by October
 - Can elect to also assess in grades 9 and/or 11, ELA and/or mathematics

DESE Transition Plan



The PARCC/MCAS Choice: Why PARCC in 2015?

- So why should a district elect to administer PARCC instead of MCAS in spring 2015?
 - Students participating in PARCC will have a head start on experiencing a next generation assessment – the type of assessment that all schools must administer beginning with the 2015/2016 SY
 - Districts that choose to administer PARCC in spring 2015 will be able to do so at “*NO RISK*” – they will have their 2015 accountability levels “held harmless”

Why PARCC? Focus on Standards

The PARCC summative assessments:

1. Focus on *grade-level or course-specific standards* leading to college & career readiness.
2. Include performance-based assessments (PBAs) that provide opportunities for students to demonstrate their mastery of skills and abilities where current assessments fall short.
 - a) ELA: literary analysis, narrative writing, research simulations.
 - b) Math: real-life modeling and applications.

Strategic Plan

- To prepare all students for college, career, and life-long learning through
 - A balanced and healthy school experience,
 - Continuity of curricula aligned with Commonwealth and community standards,
 - Support for educators to experiment and innovate, and
 - Clear articulation of instructional models.

Recommendation

- PARCC for students in grades 3 through 8
- MCAS only for high school for 2014-15
 - Next year's 9th graders (YOG 2018) will still have to take MCAS to receive diploma
 - PARCC high school tests will be end-of-course tests, but competency determination for diploma has not yet been decided by BESE (grade 9 + 10 test?)
 - 9th graders in 2015-16 (YOG 2019) will be the first grade to take new assessment as graduation requirement; PARCC for them in 2014-15 as 8th graders, and continuing, if adopted, in 2015-16

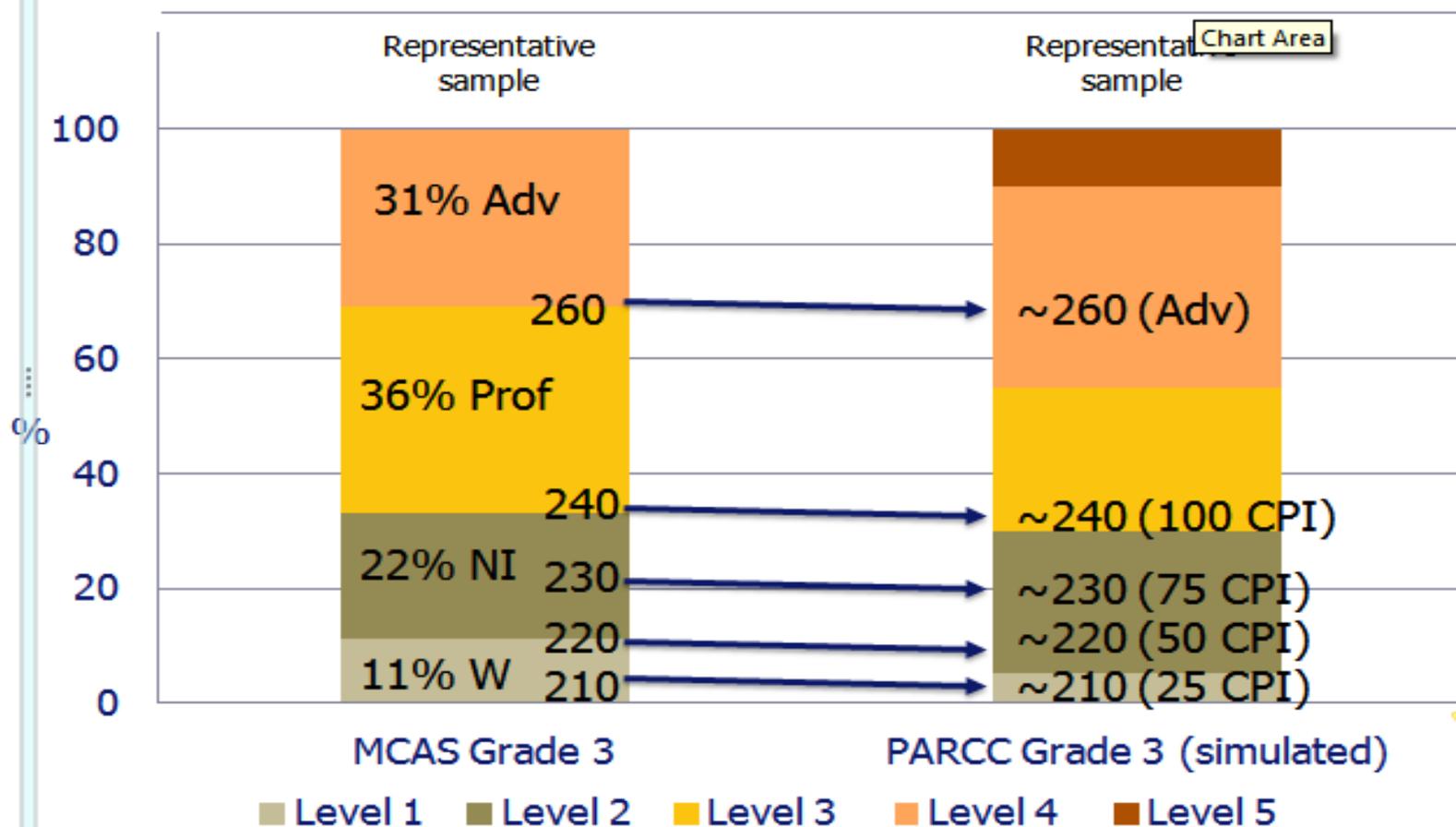
Recommendation

- Students will have the opportunity to experience this type of assessment
 - Especially important for next year's 8th grade students—required for YOG 2019 class
- We will learn what areas we need to improve (curriculum, instruction, assessment)
- With PARCC, grade 8 students will take the test that corresponds to the course they're taking (standard math or compacted/Algebra I)
- We will receive full results (district, school, grade level, individual student) and will use that data to make improvements, adjustments

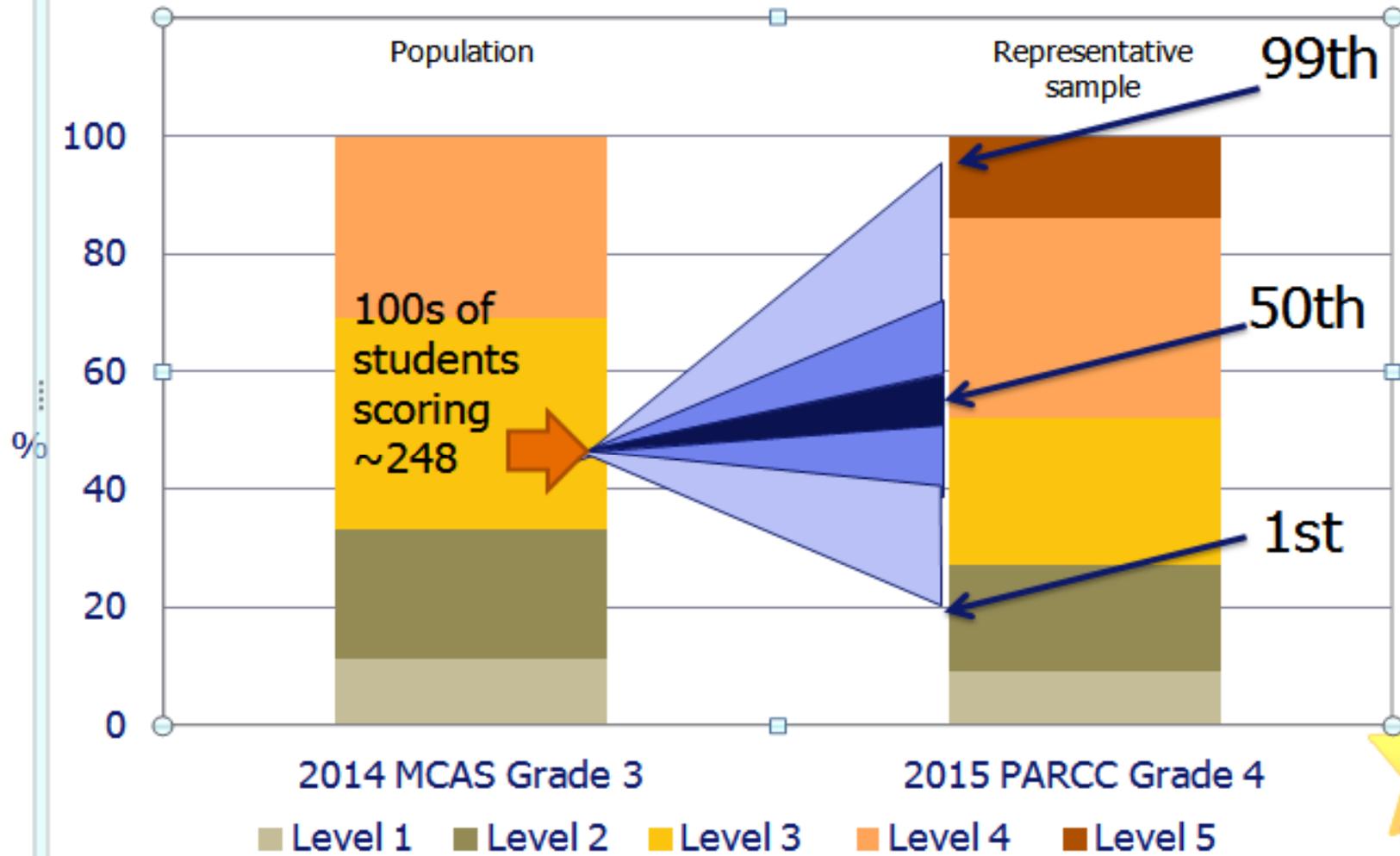
“Hold Harmless” Approach for Schools Administering PARCC

- Will data be reported for a school that chooses PARCC?
 - Yes, ESE will report assessment and accountability data for all schools, whether they administer MCAS or PARCC
 - Using a representative sample, ESE will use “equipercentile linking” to compare and publish achievement levels and CPI scores based upon 2015 MCAS and PARCC results for each school
 - ESE will calculate reliable student growth percentiles (SGPs) for schools that administer PARCC

Proposed Equipercentile Linking



Proposed Transitional SGPs



2015 Accountability Determination for a School Participating in PARCC Sample School

2014				2015				
Cumulative PPI				Cumulative PPI				
All Students	High Needs	School Percentile	Level	All Students	High Needs	School Percentile	Level – Effect without “Hold Harmless”	Level – Effect with “Hold Harmless”
78	76	45	Level 1	76	70	43	Level 2 <i>(declines)</i>	Level 1 <i>(remains the same)</i>

Challenges

- Computer vs. paper-based test
 - Next year?
 - Future, when paper tests are no longer available
 - More devices
 - More Information Technology Professionals
- New test administration procedures and scheduling
 - Timed test, more sessions
 - Both ELA and math in March and May
 - Science MCAS continues in May and June for grades 5, 8, and 9

What is the recommended number of devices to purchase?

School Type	Minimum number of devices	Recommended number of devices
For a school with three tested grades (e.g., a school with grades 3–5, 6–8, or 9–12)	One device for every two students in the largest tested grade	One device per student for the largest tested grade
For a school with six tested grades (e.g., a K–8 school)	One device per student for the largest tested grade	One device per student for the <u>two</u> largest tested grades

Belmont Public Schools

School Type – 2-3 tested grades	Minimum-one device for every two students in largest tested grade	Recommend-one device per student in largest tested grade
Burbank	36	71
Butler	36	71
Wellington	59	118
Winn Brook	46	91
Belmont High School	164	327

Belmont Public Schools

School Type – 4-6 tested grades	Minimum-one device for every student in largest tested grade	Recommend-one device per student in the two largest tested grades
Chenery Middle School	347	672

PARCC Test Sessions

- Performance Based Assessment
 - 3 sessions for ELA
 - 2 sessions for mathematics
- End of Year Assessment
 - 2 sessions for ELA
 - 2 sessions for mathematics
- Test sessions include testing time plus 50% extra time for all students
 - Range: 75-130 minutes (average is 90 minutes)
 - Can probably administer more than one session per day

Spring 2015 Testing Windows for PARCC in Massachusetts

- Performance-based assessment (PBA)
 - March 16–April 10 for computer-based testing
 - March 23–April 3 for paper-based testing
- End-of-year assessment (EOY)
 - May 4–29 for computer-based testing
 - May 11–22 for paper-based testing

Conclusion

- We want our students to have the opportunity to experience these new assessments before they are “high stakes” for them and for the district.
- We want to know if our district curricula, instructional models, and common assessments prepare students for college and career (as measured by these assessments).
- We need to work toward building the capacity to administer the tests online for all students.