

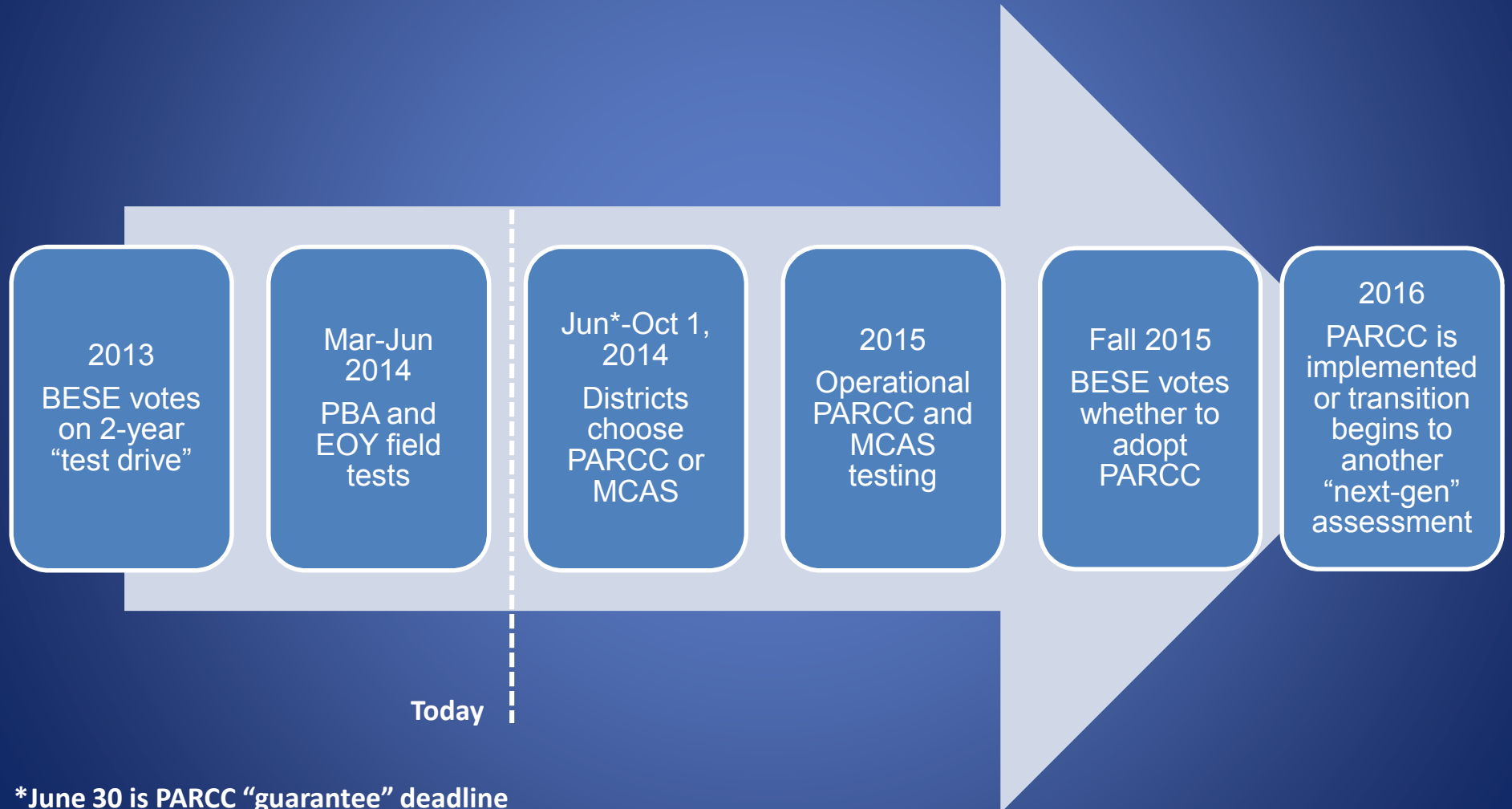
MCAS or PARCC for 2014-2015

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

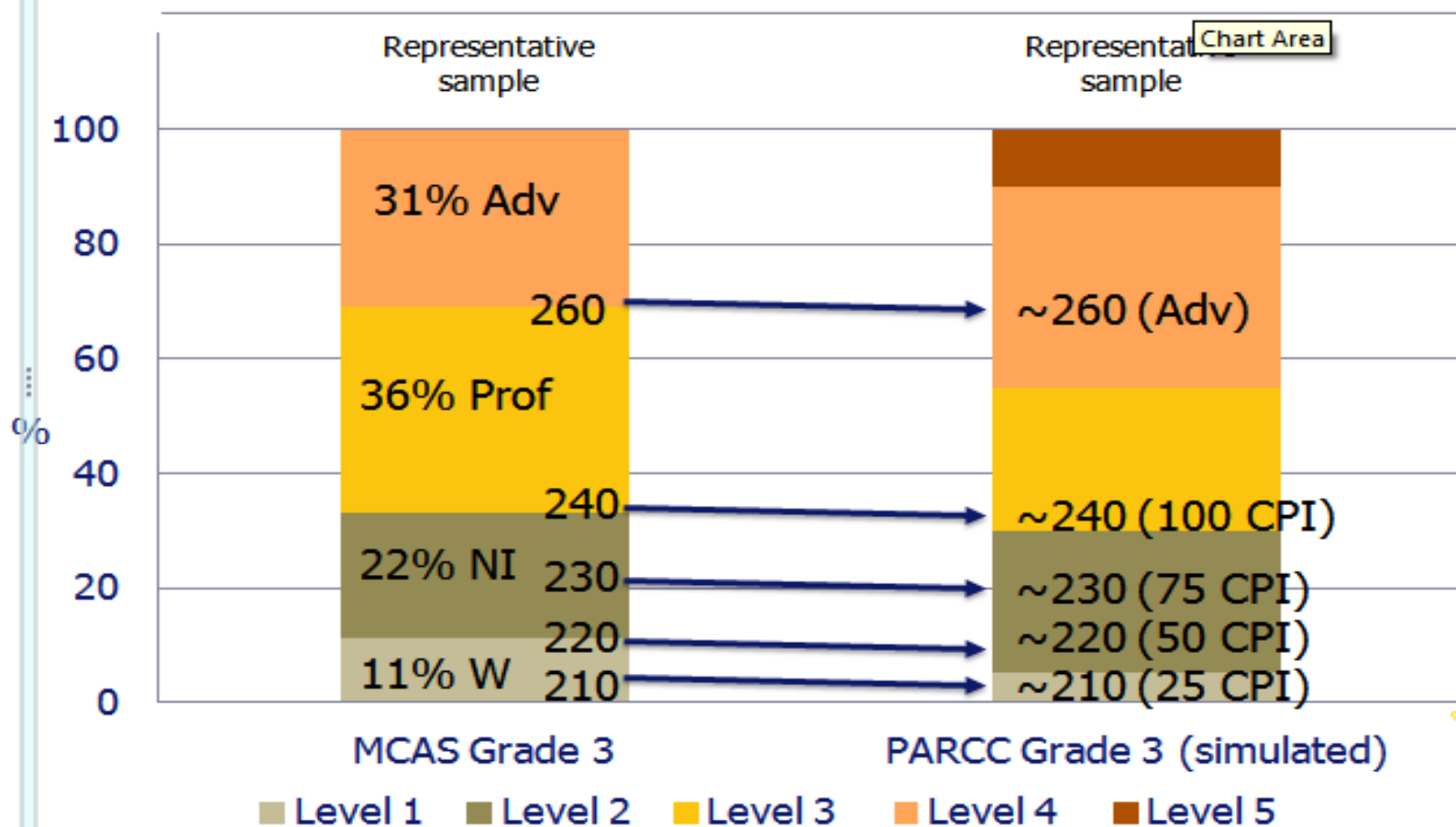
Recommendation

- 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

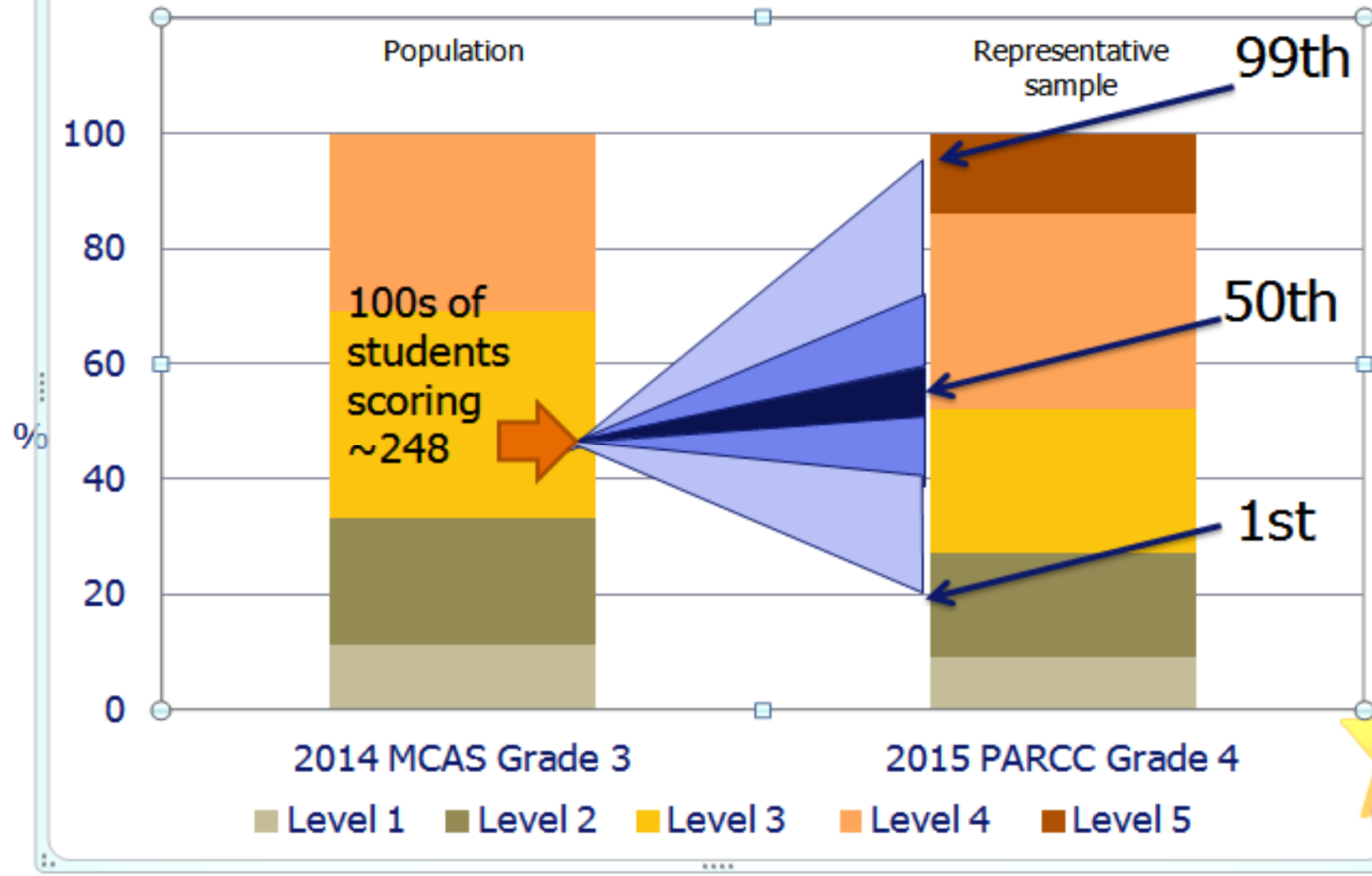
“Hold Harmless” Approach for Schools Administering PARCC

- 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.