





Kentucky's Current Assessment and Accountability System

Overview

Kentucky Board of Education Retreat
August 4, 2016

Unbridled Learning: Next-Generation Accountability Model



► Next-Generation Learners

- Achievement
- Gap
- Growth
- College/Career-Readiness
- Graduation Rate



► Next-Generation Instructional Programs and Support

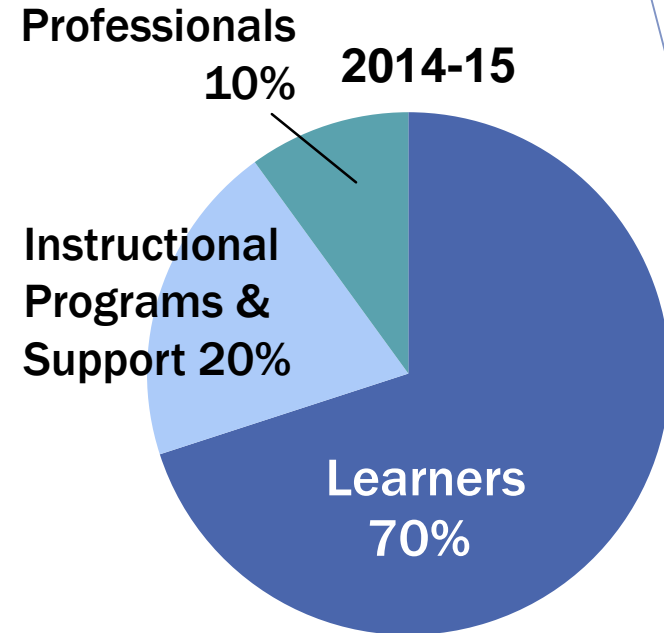
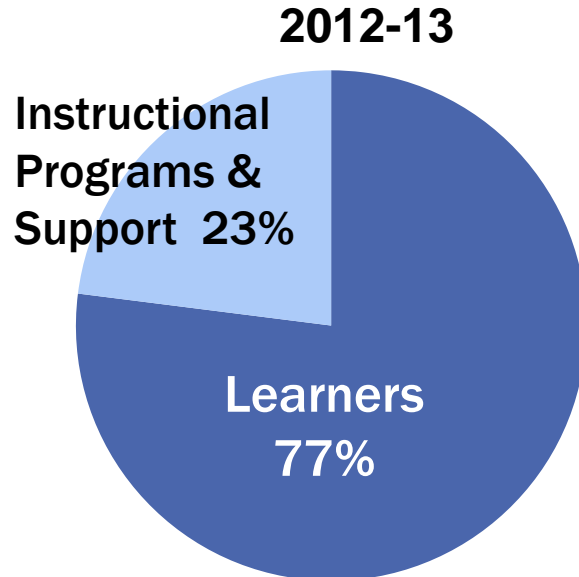
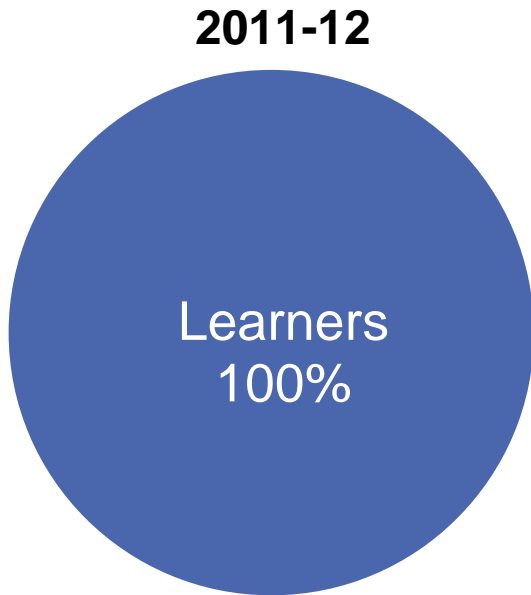
- Program Reviews
 - Arts/Humanities
 - Practical Living/Career Studies
 - Writing
 - K-3
 - World Languages

► Next-Generation Professionals

- Effective Teachers and Leaders



Phasing In Unbridled Learning



- In August 2015, the Kentucky Board of Education voted to delay the inclusion of Professionals into the Unbridled Learning accountability model.
- Reporting in 2015-16 is based on Learners at 77% and Instructional Programs and Support (i.e., Program Reviews) at 23%.

Performance Measures for Next-Generation Learners 2016



Grade Range	Achievement	Gap	Growth	College/Career Readiness	Graduation Rate
Elementary (K-5)	Tests: reading, mathematics, science**, social studies and writing (K-PREP)	Tests: reading, mathematics, science**, social studies and writing	Reading and Mathematics	N/A	N/A
Middle (6-8)	Tests: reading, mathematics, science**, social studies and writing (K-PREP)	Tests: reading, mathematics, science**, social studies and writing	Reading and Mathematics	Explore (college readiness test) <i>Ended in 9/2014.</i>	N/A
High (9-12)	End-of-Course (EOC) tests* and K-PREP on-demand writing	End-of-Course tests* and on-demand writing	Reading and Mathematics on ACT Plan to the ACT	College/Career-Readiness Rate includes multiple tests (i.e., ACT, KYOTE, ACT Compass, WorkKeys, ASVAB, KOSSA and industry certificates).	Cohort Model

* End-of-Course tests are provided for Algebra II, English 10, Biology and U.S. History.

** Science inclusion in accountability limited to allow for implementation of revised standards and assessment. EOC Biology included.

Next-Generation Learners Categories

- **Achievement** – Schools earn points based on student performance (Apprentice, Proficient, Distinguished) on content tests.
 - One point is earned for Proficient/Distinguished.
 - A half-point (.5) is earned for Apprentice.
 - No points are awarded for Novice.
 - A half-point (.5) bonus is calculated if a school has more distinguished than novice students.



Next-Generation Learners Categories

- **Gap** – Percentage of students in non-duplicated aggregate (African American, Hispanic, American Indian, Limited English proficiency, students in poverty and students with disabilities) scoring Proficient or higher.
 - Novice Reduction for reading and mathematics added for 2016.
 - ✓ Annual novice reduction targets are set in reading and mathematics for individual student groups and the non-duplicated gap group.
 - ✓ An annual novice decrease of 10% is calculated.
 - ✓ Points awarded based on percent of target met.



Next-Generation Learners Categories

- **Growth** – Points awarded for students showing typical or high growth as compared to their academic peers. (student growth percentile)
 - Categorical growth added at elementary and middle school in 2016.
 - ✓ Points awarded as students move from Novice and Apprentice performance levels to Proficient/Distinguished.



Next-Generation Learners Categories

➤ College/career readiness

High school – Points earned based on the percentage of students successfully meeting one or more readiness indicator



College-Ready

(1 Point)

A student must meet benchmarks on one of the following:

ACT
or
COMPASS
or
KYOTE

Career-Ready

(1 Point)

A student must meet benchmarks on one from each of the following columns:

Career-Ready
Academic

WorkKeys
or
ASVAB

Career-Ready
Technical

KOSSA
or
Industry
Certificate

College- & Career-Ready

(1.5 Points)

A student must meet benchmarks on one from each of the following columns:

Career-Ready
Academic

ACT
or
COMPASS
or
KYOTE

Career-Ready
Technical

KOSSA
or
Industry
Certificate

Next-Generation Learners Categories

- **Graduation Rate (Must use federal formula)**
 - ✓ Accountability calculations use the five (5)-year adjusted cohort rate.

5 year formula: Number of students (cohort members) who earned a regular high school diploma by the end of the current school year

_____ divided by _____

Number of students entering grade 9 (starting cohort) four academic years earlier adjusting for students moving in and out during the past five years

- ✓ Four (4)-year adjusted cohort rate is used to determine whether graduation rate goals are met.



Accountability Rule for Next-Generation Learners

- Students enrolled a full academic year, any 100 instructional days, shall be included in calculations for Achievement, Gap, Growth and College/Career Readiness.
- Graduation Rate calculations shall include both students enrolled and students earning diplomas.



Calculation Process

Individual student data collected from the assessments and rates (readiness and graduation) are used to generate a numeric value for each category.

The value of each category is weighted to create a final overall score for Next-Generation Learners.

Next-Generation Learners Percentage Weights for 2015-16						
Grade Range	Achievement	Gap	Growth	College/Career Readiness	Graduation Rate	Total
Elementary	33.3	33.3	33.3	N/A	N/A	100
Middle	33.3	33.3	33.3	N/A	N/A	100
High	20	20	20	20	20	100



Next-Generation Learners Kentucky High School Sample



	Raw Score	School Weighted Score
Achievement Points Earned	67.5	13.5
Gap (Percent Proficient and Distinguished)	39%	7.8
Growth (Percent Typical or Higher)	49.50%	9.9
College/Career Readiness (Percent of Students Ready)	38%	7.6
Graduation Rate	83%	16.6
Total	N/A	55.4

Performance Measures for Next-Generation Instructional Programs and Support



► Program Review Results

- ✓ Results from school review and district submission are reported.

Arts and Humanities

K-3 (elementary only)

Practical Living/Career Studies

World Language/Global Competencies

Writing

- ✓ Points earned based on the school's evaluation of its program area performance against a rubric with four standards.

1. Curriculum/instruction
2. Formative/summative assessment
3. Professional development
4. Administrative support

Combining Data for an Overall Score in Unbridled Learning



Accountability Formula for Combining Next-Generation Learners and Program Reviews

Component	Overall		Weighted Percent		Weighted Score
Next-Gen Learners Overall Score	57.9	X	77%	=	44.6
Program Reviews	75.0	X	23%	=	17.3
	COMBINED OVERALL SCORE				61.9


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Kentucky
 State Membership: 655,581

School Year: 2014-15
 Commissioner: [Kevin Brown](#)

Last Updated Date: 04/10/2015

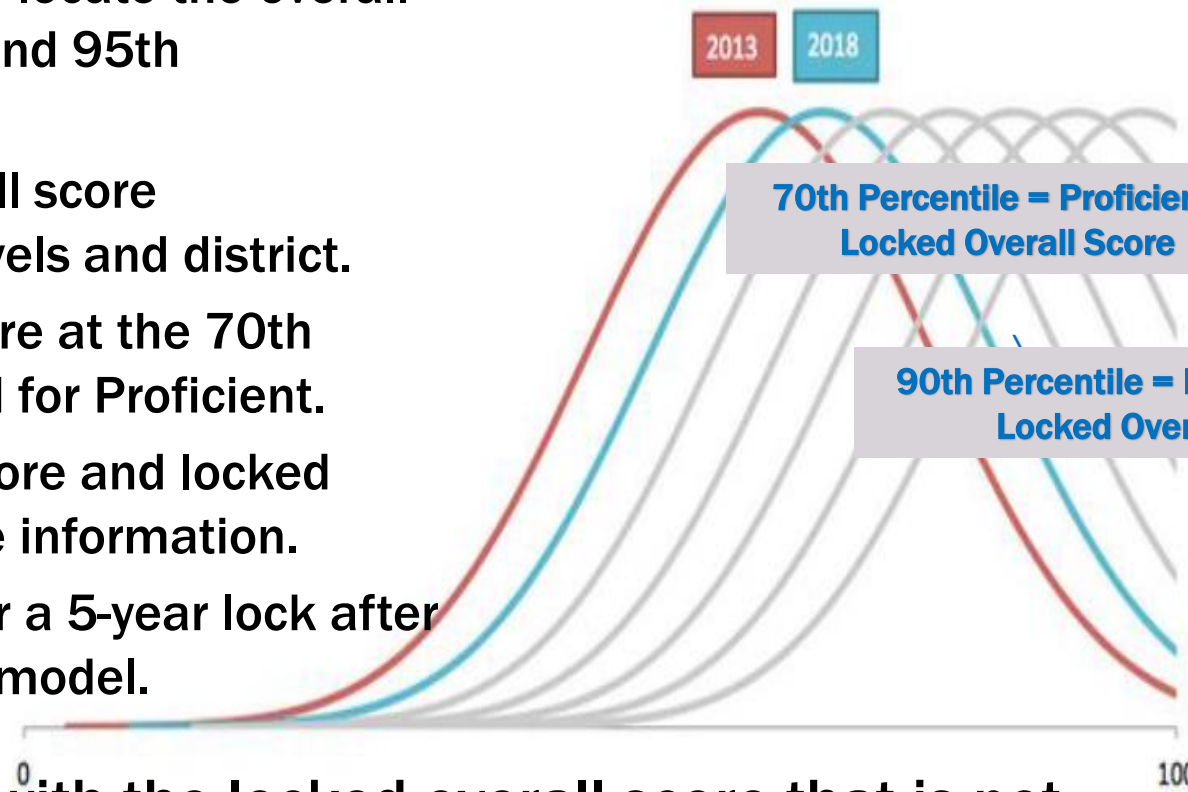
2014-15 State Board Members			
Roger L. Marcum (Chair)		Samuel D. Hinkle (Vice Chair)	
Trevor Bonnstetter	Grayson Boyd	Leo Calderon	Debra L. Cook
David K. Karem	Robert King	Jonathan Parrent	Nawanna B. Privett
William Twyman	Mary G. Wheeler		

Accountability Performance					
Level	Year	Overall Score	Percentile in KY	Classification ¹	Rewards and Assistance Category
State Overall	2014-2015	68.0	81	Proficient	
	2013-2014	67.6	79		

A Continuous Improvement Model

Uses a percentile rank process to set the standard or the cut score for school and district classifications of Needs Improvement, Proficient or Distinguished.

- Order the overall scores to locate the overall scores at the 70th, 90th and 95th percentiles.
- Lock the percentile/overall score relationships by school levels and district.
- Use the locked overall score at the 70th percentile as the standard for Proficient.
- Report both the overall score and locked percentile to provide more information.
- The original plan called for a 5-year lock after all components enter the model.



Provides a concrete goal with the locked overall score that is not dependent on how other schools or districts perform.



Percentiles in Unbridled Learning Reporting

- Rank current year overall scores to locate the 70th and 90th percentile cut score to classify as needs improvement, proficient and distinguished.
- Lock overall score in Year 1 for use in Year 2.

**Year 1
2011-12**

**Year 2
2012-13**

- Sept. 2013—Use the locked overall score set in Year 1 to report Learners data and to classify schools and districts.
- Oct. 2013—Release Program Review classifications for Arts/Humanities, Practical Living/Career Studies and Writing.
- Nov. 2013—Re-norm based on combined overall score/percentile and set baselines and goals (AMOs) for fall 2014 reporting.

- Oct. 2014—Use locked combined overall score from Year 2 (Nov. 2013) to report and classify schools and districts.
- Nov. 2014—Release Program Review classifications for K-3.
- Jan. 2015—Re-norm after removing science and adding K-3, lock overall score /percentile, and set baselines and goals (AMOs) for fall 2015.
- Mar. 2015—Regenerate work using the November 2013 lock.

**Year 3
2013-14**

**Year 4
2014-15**

- Oct. 2014—Use locked overall score from Year 2 (Nov. 2013) to classify schools and districts.
- Fall 2014/Early 2015—Incorporate changes to system and generate baselines and goals for fall 2016.

Locked Overall Scores for 2016

Percentiles for Combined Overall Score (Learners and Program Reviews) were set, using the November 2013 locked overall score, for school levels and district to provide a target for 2016.

Unbridled Learning: College and/or Career-Ready for All
2016 Locked Overall Accountability Cut Scores

Type	Level	Proficient	Distinguished ¹	School of Distinction ²
School	Elementary (ES) Overall Score	67.2	72.8	76.0
School	Middle (MS) Overall Score	65.8	70.2	72.5
School	High (HS) Overall Score	70.2	75.4	77.7
District	District (AL) Overall Score	66.2	70.5	71.9

¹A Distinguished School/District can also be considered High Performing, but must also meet its current year AMO, student participation rate and the graduation rate must be above 80. In addition, the school/district cannot be labeled as Priority or Focus.

²A School/District of Distinction must also meet its current year AMO, student participation rate and the graduation rate must be above 80. In addition, the school/district cannot be labeled as Priority or Focus.



Unbridled Learning Accountability Reporting



► Federal Considerations

- ✓ Annual Measurable Objective (AMO) (improvement goal)
- ✓ Participation Rate and Graduation Rate (data requirements)

► Accountability Classifications (state labels)

- ✓ Distinguished, Proficient, Needs Improvement (Progressing label)

► Rewards/Assistance (federal labels)

- ✓ Distinction, High Performing and High Progress
- ✓ Priority and Focus

Accountability Classifications and Progressing Labels

Classifications

- Needs Improvement
(Below 70th Percentile)
- Proficient
(At or Above 70th Percentile)
- Distinguished
(Above 90th Percentile)

Progressing

- Meet Annual Measurable Objective (AMO) goal (1.0 gain in Overall Score below Proficient or .5 gain Proficient and above);
- Graduation rate goal (4-Year Adjusted Cohort); and
- Participation rate (95%)



Rewards Categories

► School of Distinction

- At the 95th percentile or higher on the overall score, and meets AMO, graduation rate goal (4-Year Cohort), participation rate goal and has graduation rate above 80% for the prior 2 years

► High Performing School

- At the 90th percentile or higher on the overall score, and meets AMO, graduation rate goal (4-Year Cohort), participation rate (95%) and has graduation rate above 80% for the prior 2 years

► High-Progress

- Top 10% of improvement, meets AMO, graduation rate goal (4 Year Cohort) and participation rate (95%)
- Any other school label can also be labeled High-Progress.



Assistance Categories

➤ Priority

"Priority school" means a school that has an overall score in the bottom five (5) percent of overall scores by level for all schools that have failed to meet the AMO for the last three (3) consecutive years

➤ Focus

Schools:

- ✓ Bottom 10% in overall non-duplicated student gap group score or
- ✓ Bottom 5% of an individual student group

Districts:

- ✓ Lowest 10% in overall non-duplicated student gap group score only

