What's ahead for public education in Kentucky?

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Education Commissioner

Kentucky Association of School Superintendents
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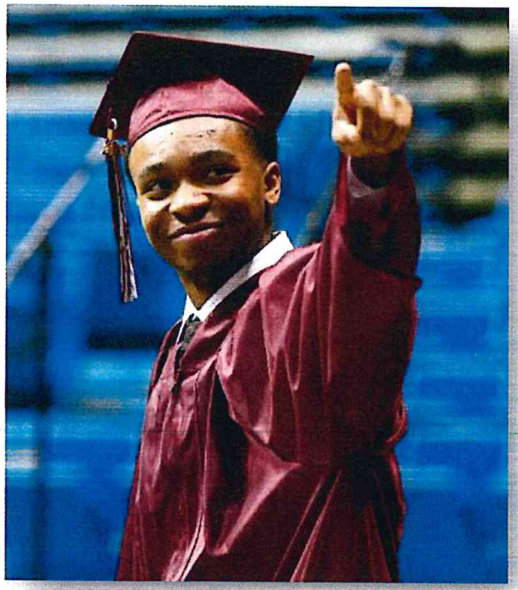
PROFICIENT & PREPARED FOR SUCCESS
KENTUCKY DEPARTMENT OF EDUCATION

UNBRIDLED LEARNING

We've made great progress...

- Graduation rate of 87.5% is one of the highest in the nation
- Kentucky is one of only two states that graduate 85% or more of its low-income students on time



- College/career-readiness rates have skyrocketed from 34% to 62.5%
- On target to make our 5-year goal of 67%

Time to…

And yet...

- Achievement gaps persist
- The number of novice students is too high
- These students will struggle to graduate from high school or reach college/career-readiness

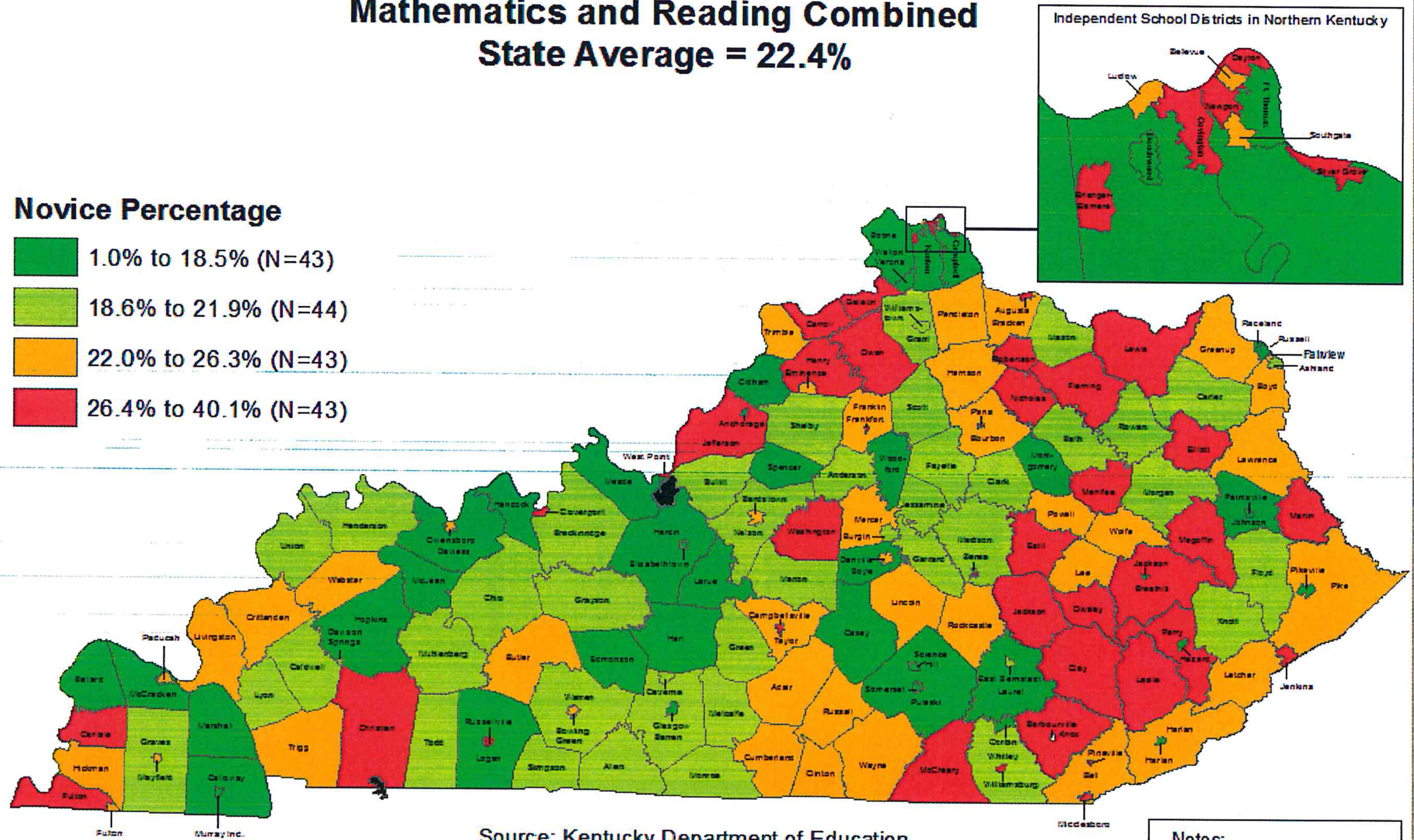
2013-2014 Kentucky School Districts

Percent of Students Scoring Novice in Elementary, Middle and High School Mathematics and Reading Combined

State Average = 22.4%

Novice Percentage

- 1.0% to 18.5% (N=43)
- 18.6% to 21.9% (N=44)
- 22.0% to 26.3% (N=43)
- 26.4% to 40.1% (N=43)



Source: Kentucky Department of Education
http://openhouse.education.ky.gov
Data based on average Novice rates of the 2014 K-PREP
for all students at the elementary, middle and high school levels.

Prepared by: Bart Liguori, Office of the Commissioner of Education

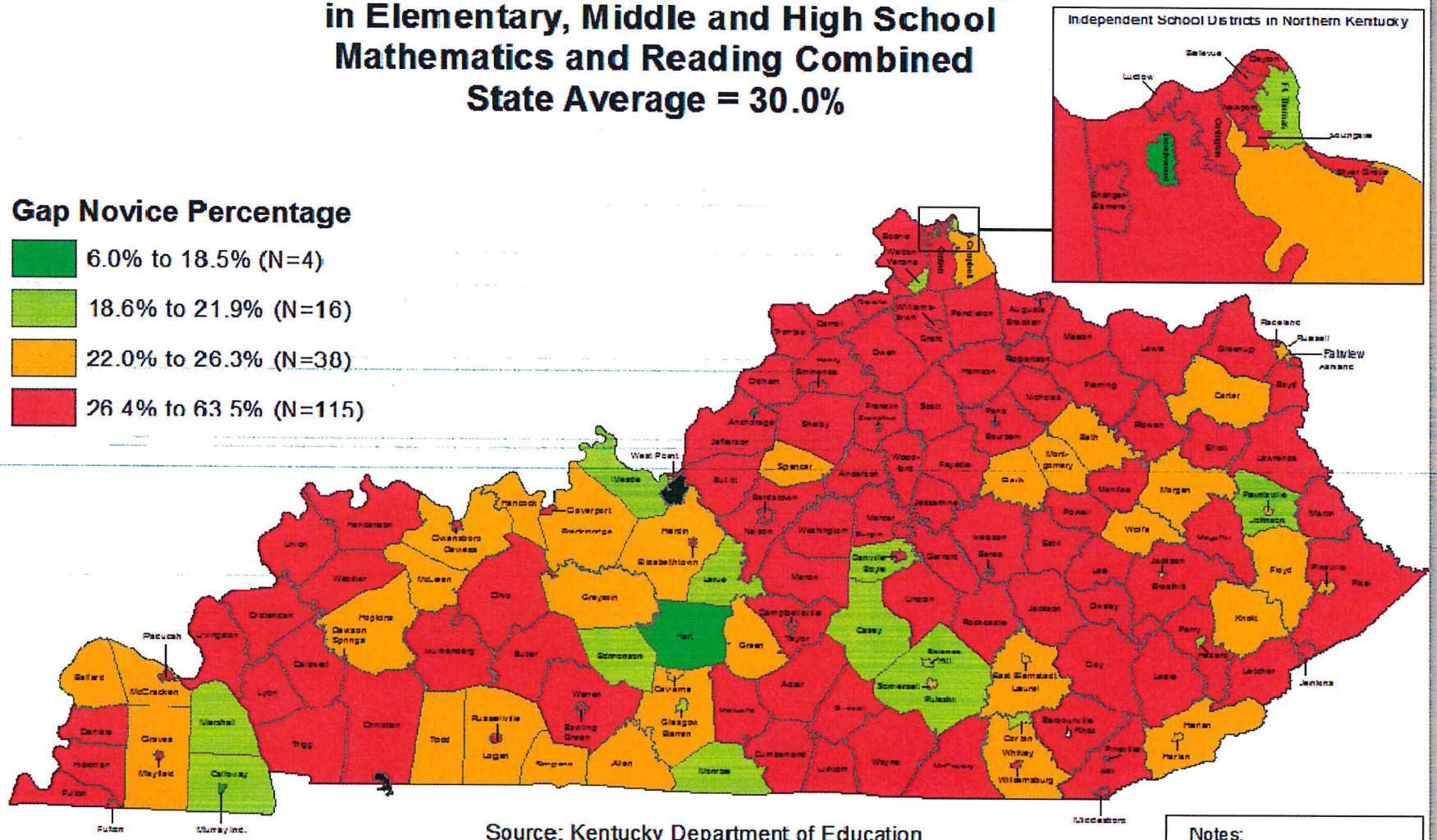
Notes:

* Independent districts are identified within county.
* Military bases are shown in black.
* Data as of 5/26/2015

2013-2014 Kentucky School Districts

Percent of Non-Duplicated Gap Students Scoring Novice in Elementary, Middle and High School Mathematics and Reading Combined

State Average = 30.0%



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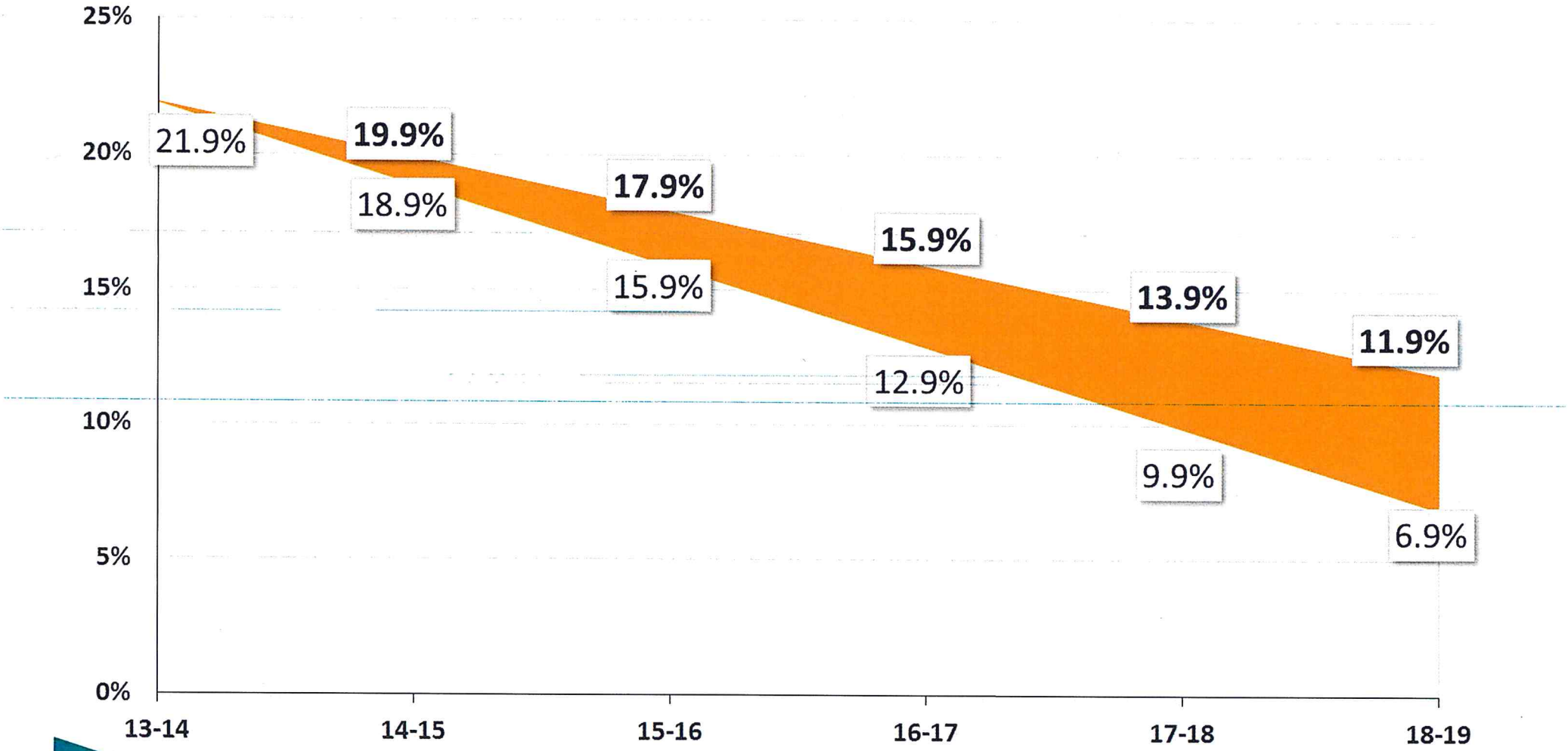
Moral Imperative

Reading	
Grade Levels	Number of Novice Students
Elementary School (3rd–5th)	31,618
Middle School (6th–8th)	32,177
High School (English II EOC)	16,302
Total	80,097

Math	
Grade Levels	Number of Novice Students
Elementary School (3rd–5th)	26,172
Middle School (6th–8th)	25,379
High School (Algebra 2 EOC)	10,899
Total	62,450

Novice Reduction Trajectory



Novice Reduction for Gap Closure

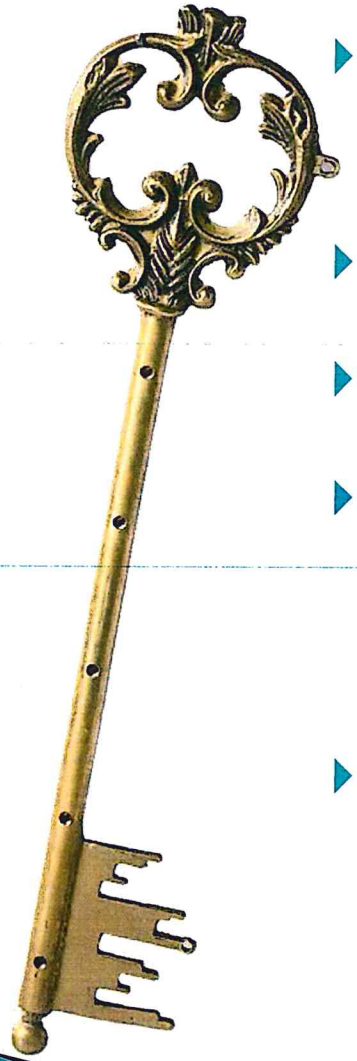
Curriculum & Standards
What should students know and be able to do?

Instruction
How will they learn it?

Continuous Improvement & Assessment
How will we know they know it?

Environment & Support
How will we support students?

5 Key Novice Reduction Strategies

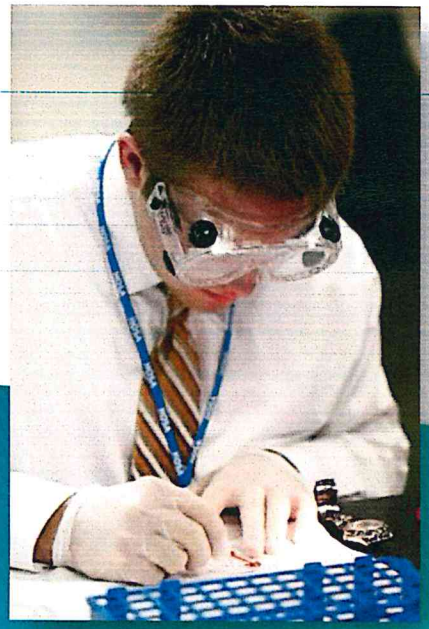


- Positive Behavioral Interventions and Supports (PBIS)
- Kentucky System of Interventions (KSI)
- Culturally responsive instruction
- Reading and numeracy program support through Literacy and Math Design Collaboratives
- Accountability incentives
  - Meeting novice reduction goals
  - Moving students up performance levels or maintaining at highest levels
  - Novice reduction as measure of educator effectiveness (proposed)

KDE Supports for Novice Reduction

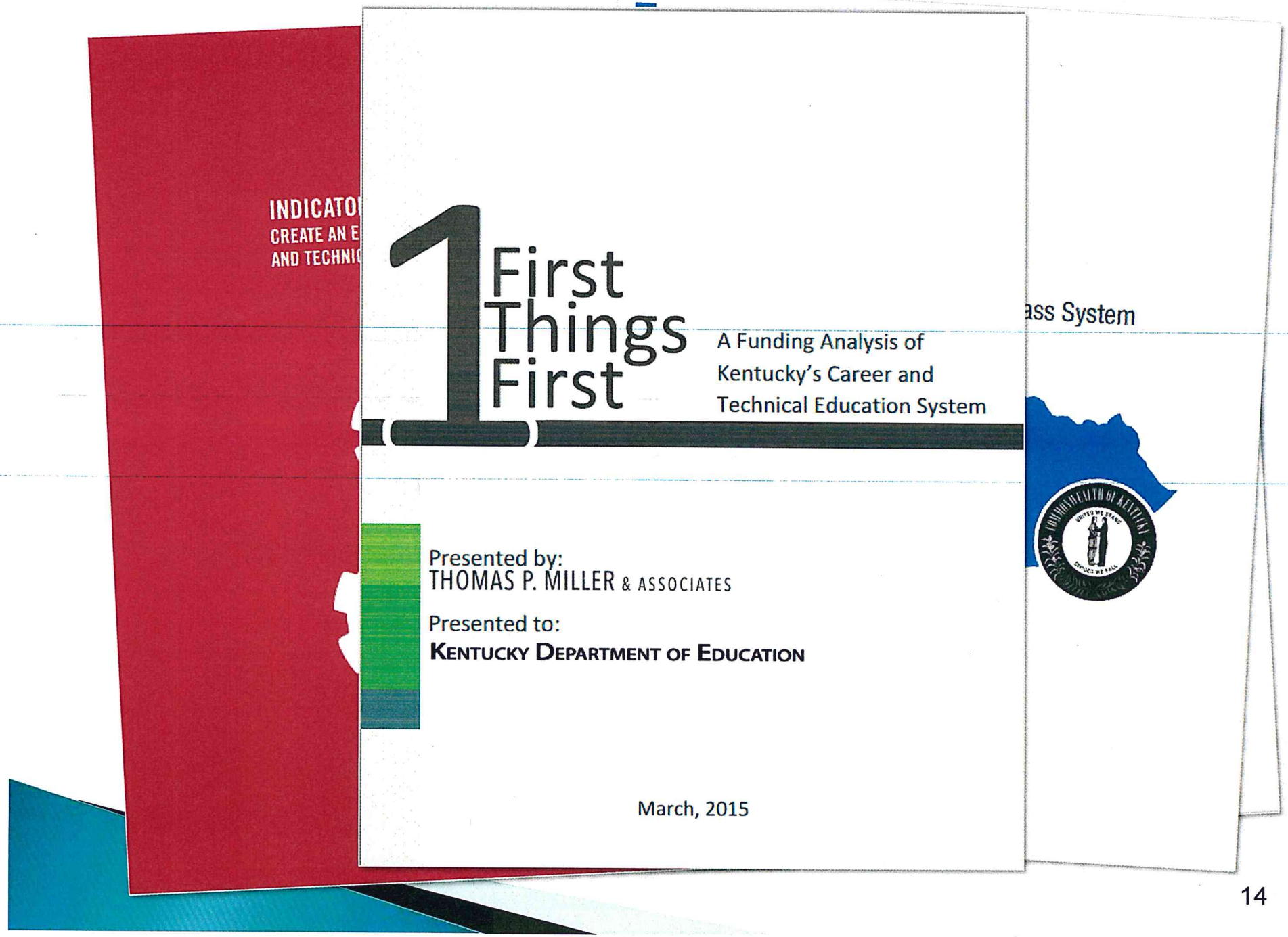
- Web-based resources
- Increased training and professional learning opportunities
- Novice reduction leader/coaches hired
- Education recovery and PGES coaches also will be trained

Elevating and Integrating Career and Technical Education



Career Pathways

- Many 4-year college degrees do not lead to careers yet result in a lot of debt
- In recent years underemployment or unemployment has been growing for students with a 4-year degree
- Employers say they can't find skilled workers
- Too many students are missing the opportunity for training through Career and Tech Education that will lead to a job and middle class wage or better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AND TECHNI
ass System
1 First Things First
A Funding Analysis of Kentucky's Career and Technical Education System
Presented by:
THOMAS P. MILLER & ASSOCIATES
Presented to:
KENTUCKY DEPARTMENT OF EDUCATION
March, 2015

CTE Financial Study Recommendations

1. Base funding for Career and Technical Education on state goals and business and industry needs.
2. Convene a committee to explore ways of funding state-operated and locally-operated centers equally.
3. Provide adequate funding for CTE in order to accomplish state-determined priorities.
4. Create a proactive, intentional process of funding large equipment purchases and maintaining and/or upgrading current equipment.
5. Allow locally operated centers and schools to set a budget for the entire school year.
6. Consider an additional per-pupil funding formula weight tied to state-prioritized occupational & program areas based on state and regional industry needs.
7. Explore CTE performance funding.

The
Kentucky
Economic
Competitiveness
Act
of 2016

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