



Kentucky Department of

Our Children,

Our Commonwealth

Education



Continuous Improvement

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Overview

- ▶ **OCTE Priority Projects 2016-17**
- ▶ **Accountability System in Kentucky**
- ▶ **Continuous Improvement and Targeted Technical Assistance**
- ▶ **KOSSA**
- ▶ **TRACK**



OCTE Priority Projects

- ▶ **New Skills for Youth Initiative**
 - National Review Committee - October
- ▶ **Structure and process for creating new and removing outdated pathways**
 - State CTE taskforce groups
- ▶ **Revamp the New Teacher Induction (NTI) program for occupation-based teachers**
 - New position in OCTE
 - NTI Committee
 - Revision of occupation-based certification regulations



Accountability System in Kentucky

Moving Forward

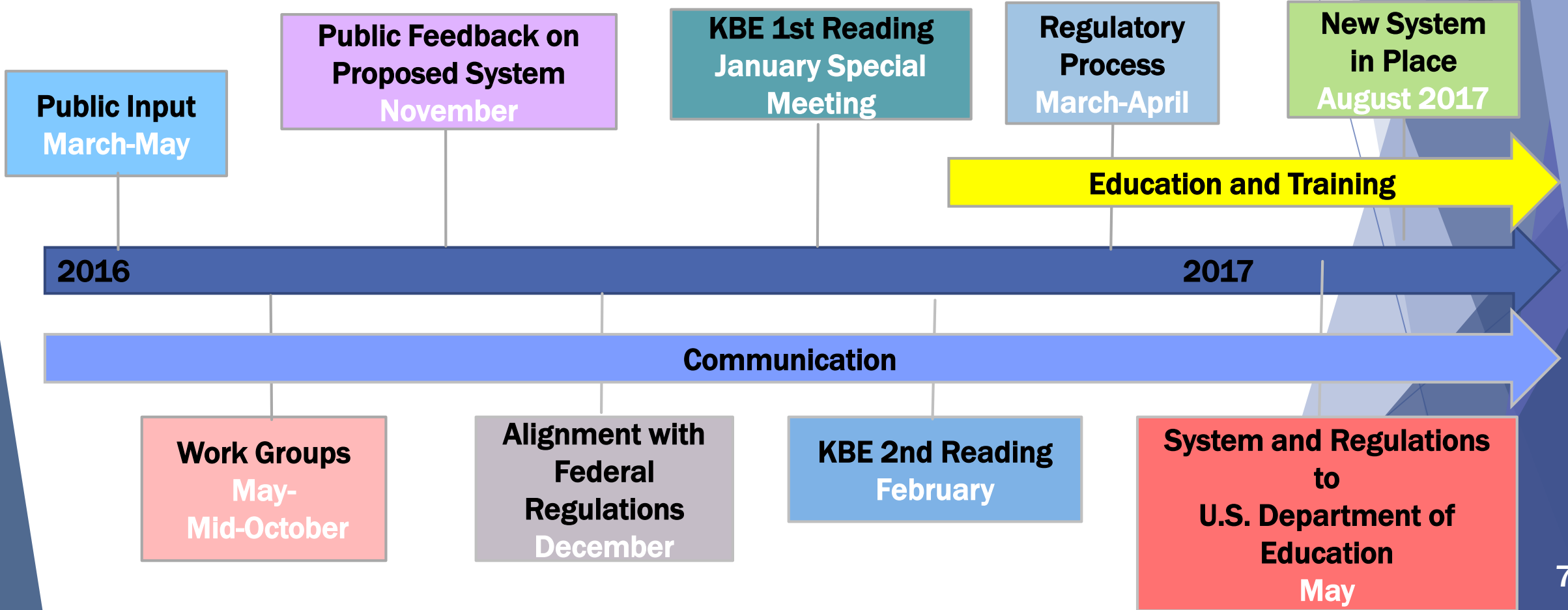


The Charge and The Goal

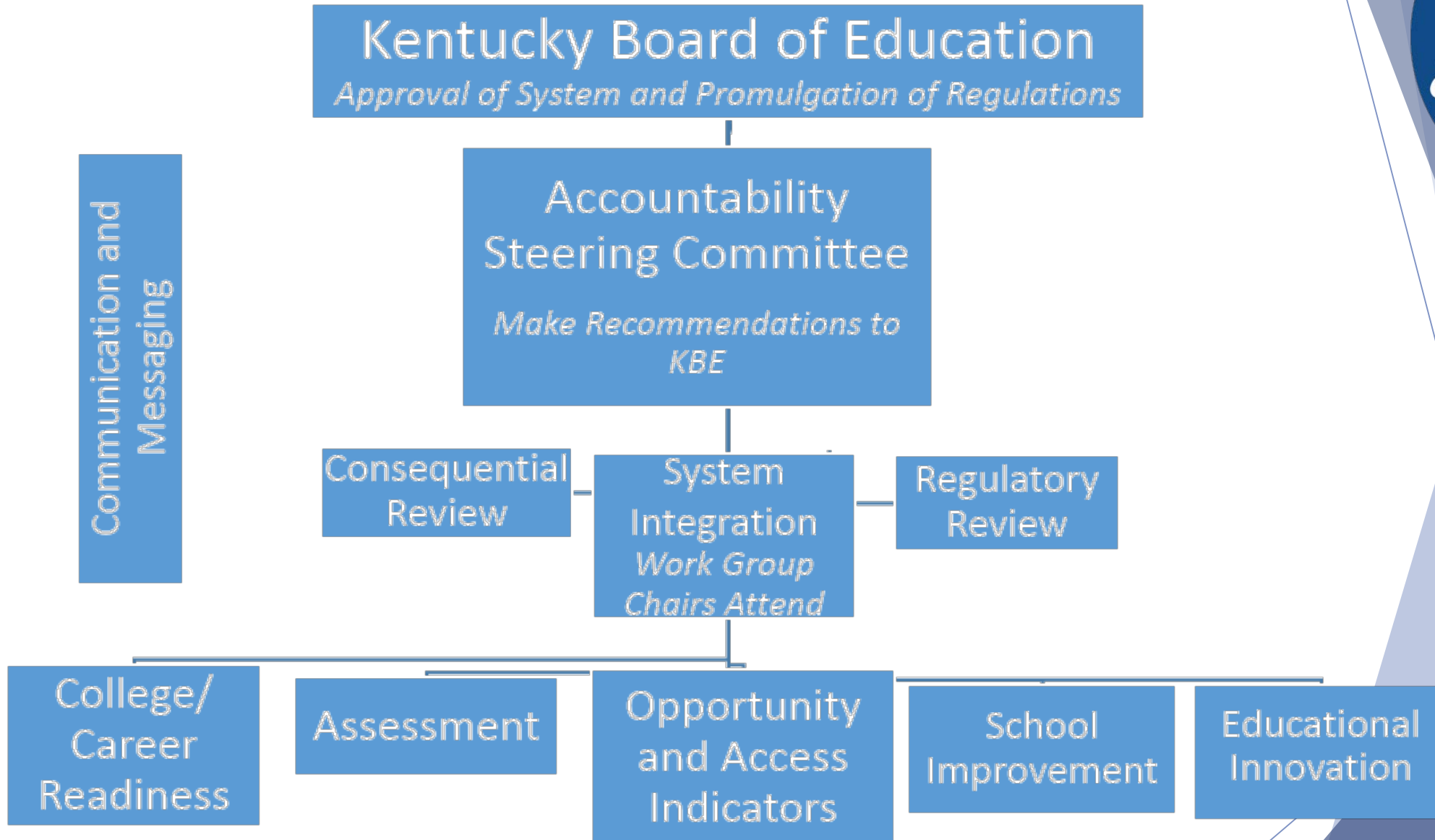
- ▶ Considering public and work group input, the accountability steering committee will advise the commissioner on Kentucky's new accountability system.
- ▶ Design a system that will improve the education and readiness of ALL Kentucky students and is fair, reliable, valid, and easier to understand than the current model.



Draft Timeline



The Work Begins



Continuous Improvement and Targeted Technical Assistance (CIV/TTAV)

- ▶ Re-visioned the 2000 legislative mandate for program assessment
- ▶ New model is two-fold
 - Targeted Technical Assistance Visits (TTAV)
 - Continuous Improvement Visits (CIV)



Continuous Improvement and Targeted Technical Assistance (CIV/TTAV)



▶ A Data Driven Model

- TTAVs are determined based on program performance on technical skill attainment for career readiness (KOSSA and Industry Certs)
 - ✓ Targeted approximately 50 schools for visits across all CTE program areas for fall 2016
 - ✓ Following evaluation of process, additional schools may be targeted

Continuous Improvement and Targeted Technical Assistance (CIV/TTAV)



▶ A Data Driven Model

- CIVs are based on data not documentation
 - ✓ Teacher and Principal Surveys
 - ✓ School and Program data snapshot
- Approximately 90 schools will receive visits in 2016-17
- Designed to drive continuous improvement by enhancing the effectiveness of Continuous School Improvement Plans (CSIP) and Program Improvement Plans (PIP)



KOSSA

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Kentucky Occupational Skills Standards Assessment (KOSSA)

- ▶ KOSSA is one of two measures to meet the career ready technical portion of college and career readiness
- ▶ KOSSA is one measure of technical skill attainment for Perkins Accountability



Standards



Assessment



Curriculum



KOSSA

Assessment Blueprint	Assessment Format
25% Academic	<ul style="list-style-type: none">• 120 MC Questions
25% Employability	<ul style="list-style-type: none">• 100 point bearing questions
50% Occupational	<ul style="list-style-type: none">• 20 pilot questions

Industry Certifications and KOSSA



- ▶ 2016-2017 Valid Industry Certification and KOSSA List is available on the KOSSA webpage
 - There are some specific notes related to pathway and assessment changes

VALID KOSSA AND INDUSTRY CERTIFICATIONS 2016-17					
Cluster	Career Pathway	CIP Cod	KOSSA	Industry Certifications	Changes / Removals
Agricultural Education	Agribiotechnology Systems	26.1200.00	Agribiotechnology		
Agricultural Education	Agribusiness Systems	01.0101.00	Agribusiness		
Agricultural Education	Structural, Technical Systems	01.0201.00	Ag Power, Structural, Technical Systems	Equipment & Engine Training Council Two Stroke	
Agricultural Education	Agricultural Power, Structural, Technical Systems	01.0201.00	Ag Power, Structural, Technical Systems	2 Exams Required - AWS-SENSE Certification (Level 1) and Briggs and Stratton Master Service Technician	
	Structural, Technical		Ag Power, Structural,		

KOSSA Timeline / Deadlines



	Timeline/Deadlines
DACs Identify School KOSSA Coordinators (Complete Survey)	August 31, 2016
Schools Identify (consecutive two-week) KOSSA Testing Window (Complete Survey)	December 1, 2016
KOSSA Registration (TEDS Data Entry)	January 15, 2017
KOSSA Testing Window	February 1 – March 31
KOSSA Results Available	April 16

Reporting

► Performance Reporting

- Standards Performance Summary with Graph
 - ✓ State Level
 - ✓ School Level



Standards Performance Summary

Assessment: Early Childhood Education

Standard Set: KOSSA Program Areas

Filters:

- All Standards
- Accumulating results

Number tested: 1269

KOSSA Program Areas

– Early Childhood Education

1) OA CAREER PATHS WITHIN EARLY CHILDHOOD EDUCATION AND SERVICES

3) OA 3 Examine education/training requirements and opportunities for career paths in early childhood education and services

4) OA 4 Examine the impact of early childhood education and service occupations on local, state, national, and global economies

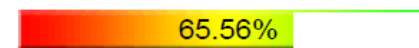
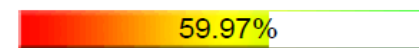
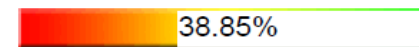
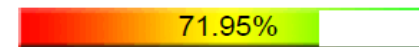
3) OC DEVELOPMENTALLY APPROPRIATE PRACTICES FOR EARLY CHILDHOOD EDUCATION AND SERVICES

1) OC 1 Examine child development theories and their implications for educational and childcare practices

2) OC 2 Determine a variety of assessment methods to observe and interpret childrens growth and development

3) OC 3 Consider cultural and environmental influences with assessing childrens development

4) OC 4 Determine special needs of children



**STATE REPORT
2016 KOSSA Results**

Assessment	Completed	Passed	Percentage Passed	Mean Score
Accounting	575	288	50%	68.6%
Administrative Support	2244	1268	57%	69.6%
Ag Power, Structural, Tech Systems	1427	537	38%	63.8%
Agribiotechnology	61	15	25%	58.7%
Agribusiness	415	172	41%	65.1%
Allied Health	3383	1931	57%	70.1%
Animal Science	2473	1017	41%	65.6%
Automotive Technology	671	129	19%	57.8%
Business Management	1817	905	50%	67.4%
Communications	495	399	81%	77.7%
Computer Programming	354	255	72%	74.2%
Construction	1288	617	48%	66.3%
Consumer and Family Management	1829	1201	66%	72.2%
Culinary and Food Services	1698	1019	60%	70.4%
Early Childhood Education	1269	753	59%	71.2%
Engineering and Technology	1578	1071	68%	73.1%
Environmental Science/Natural Resources Systems	447	209	47%	67.2%
Fashion and Interior Design	232	114	49%	66.0%
Financial Services	673	469	70%	72.5%
Food Science & Processing System	120	50	42%	64.8%
Horticulture	2016	445	22%	59.7%
Hospitality Services	78	27	35%	64.4%
Information Support & Services	308	178	58%	69.1%
Manufacturing	779	439	56%	69.2%
Marketing	1222	807	66%	72.7%
Network Administration	193	107	55%	69.7%
Production Crop	21	14	67%	71.1%
Retail Services	233	148	64%	71.9%
Transportation	204	92	45%	63.1%
Web Development/Administration	206	115	56%	69.0%
Welding	989	270	27%	61.0%
TOTAL	29298	15061	51%	



2015-16 KOSSA Results

- ▶ **31 Assessment Areas**
- ▶ **29,298 Students Assessed**
 - *8.2 % increase from 2014-15*
- ▶ **15,061 Students Earned Certificates**
 - *5 % decrease from 2014-15*
- ▶ **Overall 51% Pass Rate**
 - *8 % decrease from 2014-15*



2016-17 KOSSA

- ▶ 32 Valid KOSSA
- ▶ New KOSSA Assessments 2016-17
 - Collision Repair
 - Computerized Manufacturing and Machining
- ▶ Pilot Assessment 2016-17
 - Cinematography/Video Production
 - Graphic Design



Assessment Blueprint

- ▶ **TRACK Electrical – 60 MC Questions**
- ▶ **TRACK Carpentry - 120 MC Questions**



TRACK Electrical Blueprint

STANDARDS		COURSES		TEST BLUEPRINT	60 Questions	
OA	GENERAL - National Electrical Code Articles 100 - 110		Electrical Construction I	Electrical Construction II	10%	6
OA1	Exhibits previously learned material by recalling facts, terms, and basic concepts related to the National Electrical Code					
OA2	Locates information using electrical installations regulation					
OA3	Demonstrates an understanding of electrical installations regulation					
OB	WIRING AND PROTECTION - National Electrical Code Articles 200 - 285		Electrical Construction I	Electrical Construction II	10%	6
OB1	Exhibits use and identification of grounded conductors					
OB2	Interpret code regulations of branch circuits					
OB3	Interpret code regulations of feeders					
OB4	Apply branch-circuit, feeder, and service calculations					
OB5	Interpret code regulations of services					
OB6	Calculate overcurrent protection					
OB7	Interpret code regulations of grounding and bonding					

TRACK Team



Electrical

- 1) International Brotherhood of Electrical Workers (IBEW)
- 2) Independent Electrical Contractors (IEC)
- 3) AMTECK



TRACK Team

Carpentry



1) Indiana, Kentucky, Ohio Regional Council of Carpenters and Millwrights

2) Messer Construction