

The State of Career Technical Education

State Perspectives: Employer Engagement in CTE

Thank You to Our Webinar Host



For Today's Webinar

- Why focus on employer engagement?
- Major findings from December 2014 report
- A discussion with the states:
 - Alabama
 - Kansas
- Q&A

Our Panelists

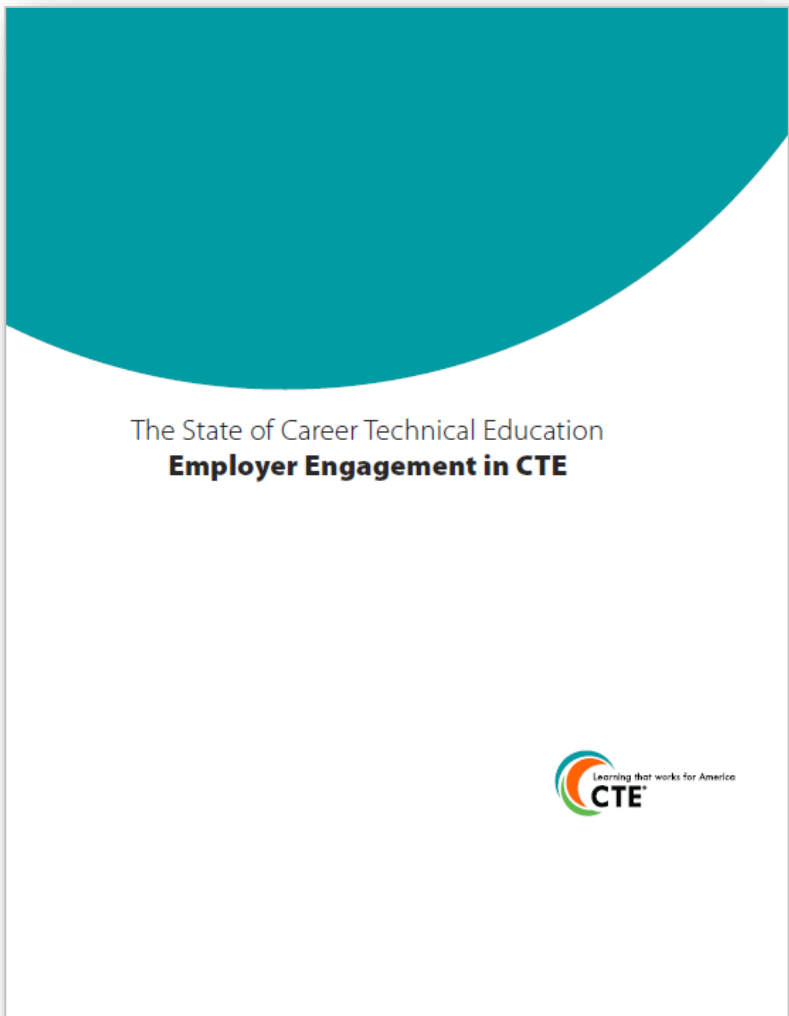
- **Dr. Philip C. Cleveland**, Alabama State Director of CTE and Workforce Development
- **George Clark**, President, Manufacture Alabama; Chairman, Alabama Workforce Investment Board
- **Dr. Blake Flanders**, Vice President of Workforce Development, Kansas Board of Regents
- **Keven Ward**, Public Sector Consultant, Trane

Why Employer Engagement?

- CTE Vision (2010): *CTE actively partners with employers to design and provide high-quality, dynamic programs*



- Changing economic forces demand a new partnership between employers and education



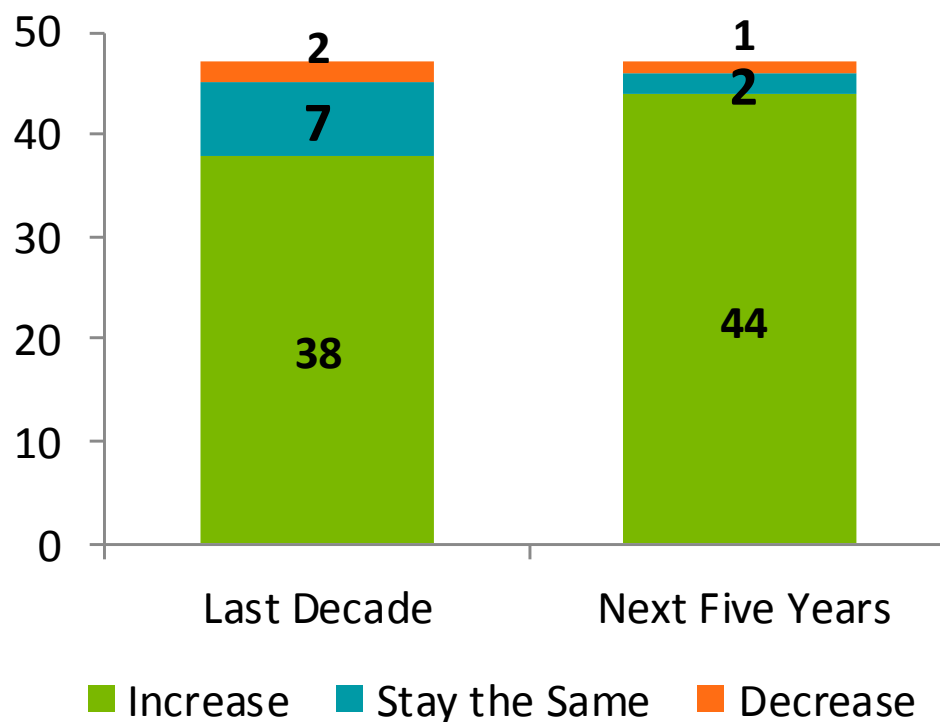
The State of Career Technical Education
Employer Engagement in CTE

The State of Career Technical Education

EMPLOYER ENGAGEMENT IN CTE

Change in Engagement

How Has/Do You Anticipate the Intensity of Employer Engagement with CTE Programs Changing?

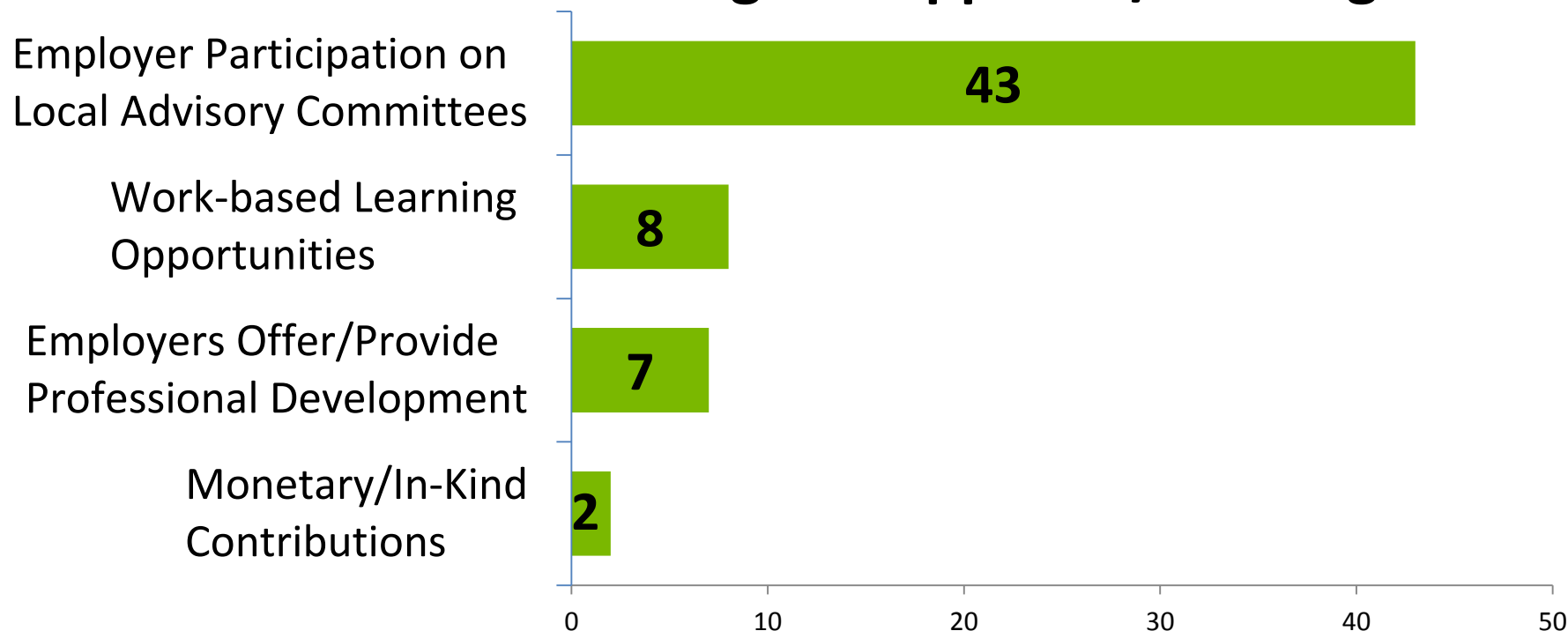


Perkins as a Lever

- The influence of Perkins on CTE
- Flexible portions of Perkins
 - State Leadership Funds
 - Additional requirements for locals seeking Perkins funding

Perkins as a Lever

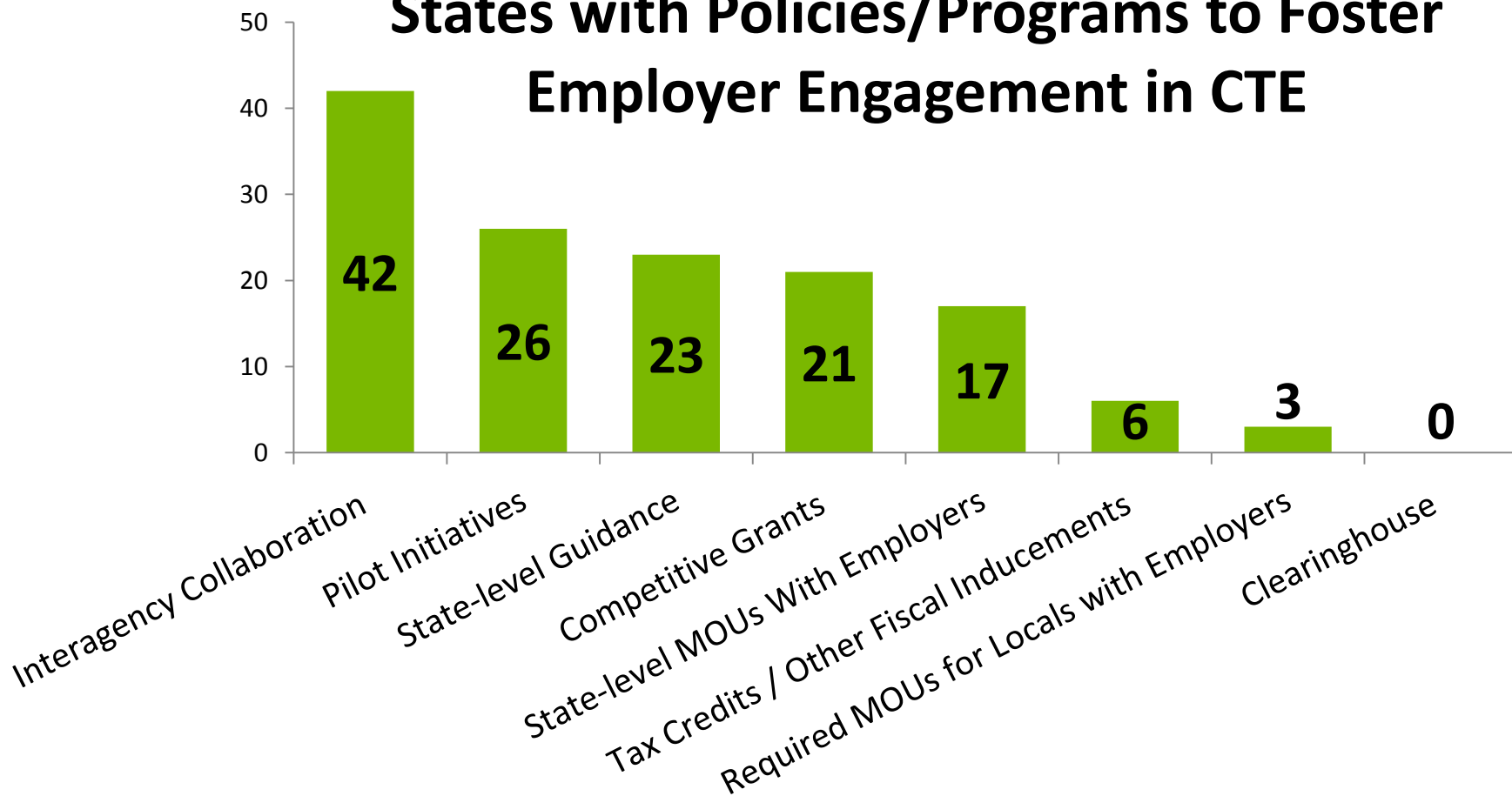
States Requiring Employer-Related Activities for Perkins Local Program Approval/Funding



NOTE: Duplicated counts

State Policy as a Lever

States with Policies/Programs to Foster Employer Engagement in CTE

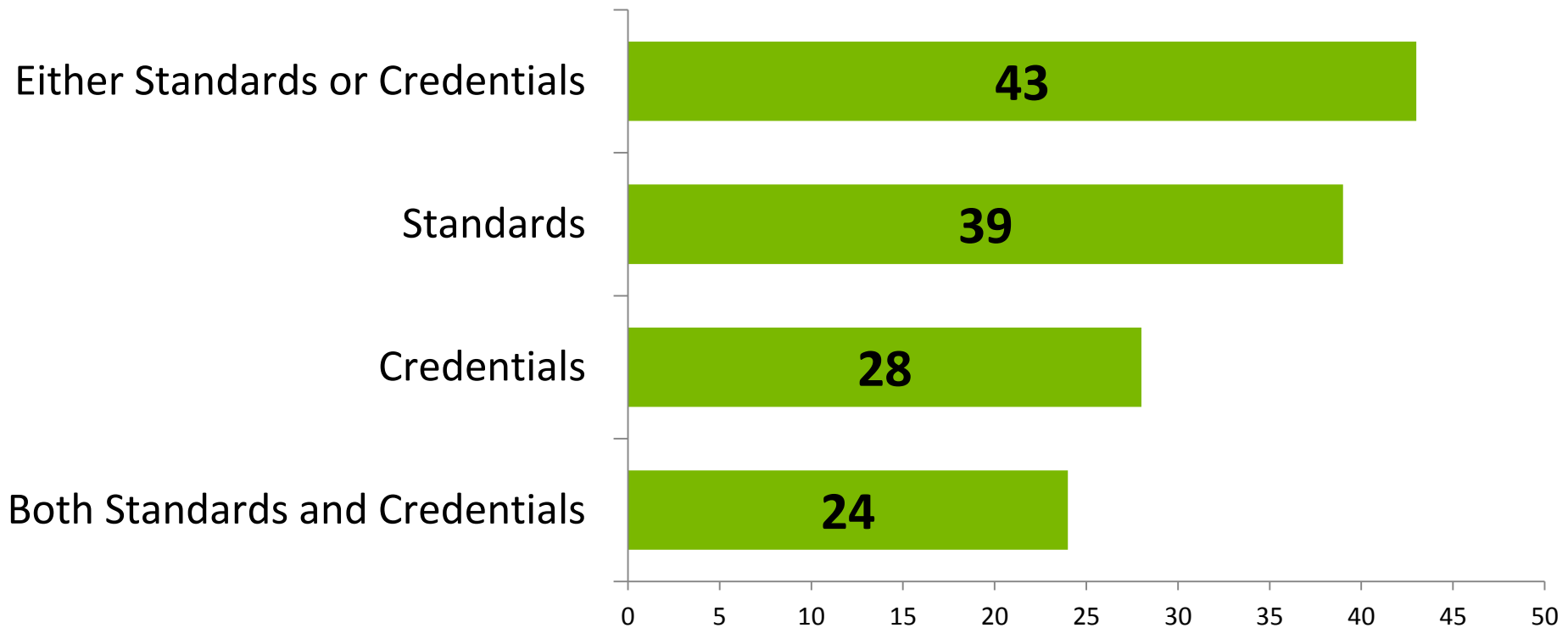


NOTE: Duplicated counts

Standards and Credentials



States with Employers Participating in Standards Development and/or Credentials Selection



NOTE: Duplicated counts

Perspectives from Alabama

Philip C. Cleveland

Alabama State Director for CTE and Workforce Development

George Clark

President, Manufacture Alabama

Chairman, Alabama Workforce Investment Board

Vice Chairman, Governor's Workforce Council



Perspectives from Kansas

Blake Flanders

Vice President of Workforce
Development,
Kansas Board of Regents



Keven Ward

Public Sector Consultant, Trane





Employer Engagement

- ★ Colleges nominate business partners
- ★ Over 80 business partners have committed to the initiative
- ★ Three levels of support
- ★ Supporter, Partner, Champion

KANSAS BOARD OF REGENTS



Machine Technology Program Alignment – Kansas Board of Regents CIP: 48.0501

2010
03/26/10
Amended 01/15/13

Machine Technology Level 1

- OSHA 10 or 30 card
- Measurement, Materials, and Safety (NIMS Level I)
- One Additional Credential from the Following Options:
 - Job Planning, Benchwork & Layout (NIMS Level I)
 - CNC Turning: Operations (NIMS Level I)
 - CNC Milling: Operations (NIMS Level I)
 - Manual Milling Skills I (NIMS Level I)
 - Manual Milling Skills II (NIMS Level II)

Certificate A
Maximum of 29 Credit Hours

Machine Technology Level 2

- Level 1 Requirements
- One Additional Credential from NIMS Machining Level I or Level II List (*see page 2*)

Certificate B
Maximum of 40 Credit Hours

Machine Technology Level 3

- Level 1 Requirements
- Two Additional Credentials from NIMS Machining Level I or Level II List (*see page 2*)

Certificate C
Maximum of 49 Credit Hours

Machine Technology Degree

- Level 1 Requirements plus Two Additional Credentials from NIMS Machining Level I or Level II List (*see page 2*)
- 15 Credit Hours of General Education (minimum)

A.A.S.
Maximum of 64 Credit Hours
for State Funding

Trane / Alignment with Education



- Trane is part of Ingersoll Rand
 - \$12 billion global company; >40,000 employees
 - Purpose: We advance the quality of life by creating comfortable, sustainable, and efficient environments.

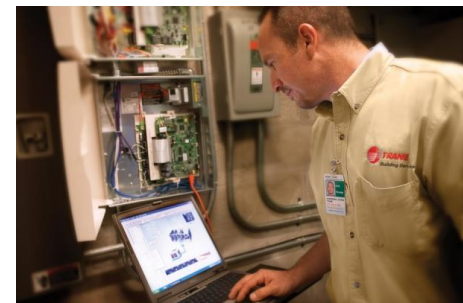


- Trane and Career Technical Education (CTE)
 - Long history of involvement in industry education
 - Responsibility/business need to help close the skills gap
 - Strategic partnership with the National Coalition of Certification Centers (NC3)

Engagement Model

- Curriculum aligned to industry standards delivered by faculty with industry experience
- Modern, cutting-edge educational facilities and labs
- Industry-recognized certifications and stackable credentials
- Engagement with entire talent pipeline

= Qualified
Technical
Workforce



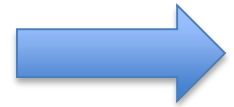
Sustaining / Advocating

- K-12 Pipeline Programs
 - Rebranding CTE as primary / prominent 21st century choice
 - Boot camps for educators – math, science, counselors
 - BTU Crew® STEM/career exploration program
 - Career Day, Trane Day, Nat'l Letter of Intent Signing Day
- Advocacy
 - Hosted KS Dept. of Commerce's "Certification Tour"
 - Legislative testimony
 - Sponsor KS CTE Conferences, AACCC/WDI et al
 - National Coalition of Certification Centers (NC3) board member



Learning that
works for America

QUESTIONS?



Submit your question via the chat box on the right-hand side of
the screen!

Resources



- Full paper and companion resource available NOW at www.careertech.org/papers
- Webinar recording and slides will be posted soon at www.careertech.org/webinars!

NASDCTEc Events



Register Today!

NASDCTEc Spring Meeting

April 8-10, 2015

Washington, DC

www.careertech.org



NASDCTEc Events

Join us for a Twitter Town Hall!

1-2 p.m. ET

Thursday, February 12

Hosted by:

NASDCTEc (@CTEWorks)

and the College & Career Readiness & Success Center
(@CCRSCenter)



Thank You!



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Thank You!



Questions? Please contact us!

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