Center for Education & Career Innovation

Presented by:
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According to the OECD’s *Survey of Adult Skills*:

- The United States is behind most other countries in developing the necessary numeracy and literacy skills required for a modern society and the economic needs of the 21st century.
- Out of 24 countries, young Americans are:
  - The least skilled in numeracy
  - Slightly more skilled in literacy but still well behind
- We must significantly improve these outcomes in order to maintain our global competitiveness.
Average Numeracy Proficiency in OECD Countries for the Working Population

Mean numeracy proficiency scores of 16-65 year-olds

Source: Survey of Adult Skills, OECD. National Governor's Association.
Note: 7 points on this scale are roughly equivalent to one year of education.
Average Numeracy Proficiency in OECD Countries for Young Students

Mean numeracy proficiency scores of 16-24 year-olds

Source: Survey of Adult Skills, OECD.
Average Literacy Proficiency in OECD Countries for the Working Population

Mean literacy proficiency scores of 16-65 year-olds

Source: Survey of Adult Skills, OECD.
Average Literacy Proficiency in OECD Countries for Young Students

Mean literacy proficiency scores of 16-24 year-olds

Source: Survey of Adult Skills, OECD.
Indiana’s Opportunity:
The Center for Education and Career Innovation (“CECI”)

* Established by Governor Pence in August by Executive Order
* CECI combines the operational support for four state agencies: Career Council, Works Councils, Education Roundtable, and State Board of Education
* 59% of state budget dedicated to education and workforce development
* CECI connects the education pipeline (K-12, higher education and workforce) with the needs of Indiana’s economy
* A hub-and-spoke model that enables a more strategic, targeted focus on key education pipeline initiatives, e.g., CTE, STEM, longitudinal data system.
Indiana’s Opportunity:
Building on our Recent Success in Education

- NAEP Results
- Indiana ranked 1st by Ed Week
- Indiana is a model in education innovation in K-12, adult and postsecondary education
- K-12 academic proficiency and graduation rates have increased over the past 4 years
- Excellent foundation in longitudinal data system with the Indiana Workforce Intelligence System
- Indiana continues to make strides in economic development/job growth:
  - Ranks fifth nationally in the rate of private sector job growth;
  - In Top 10 of Tax Foundation’s 2014 State Business Tax Climate Index
Guiding Principles:

* Supporting integrated service delivery that is student- and adult worker-centric, and is focused on defined outcomes.
* Ensuring Indiana’s educators are given the necessary freedom, support and flexibility to succeed in the classroom, and are rewarded for their successes.
* Fostering, identifying and scaling the most innovative and effective education and workforce models, tools and resources.
* Holding students, adult workers, educators, schools, higher education institutions and workforce programs accountable for their progress through rigorous, fair and transparent accountability systems.
Increasing Need for Higher Education Levels

% of Workforce by Educational Attainment

- HS or below
- Some College and AA
- BA and Above

State Board of Education and Education Roundtable maintaining focus on academic proficiency, rigorous standards and assessments, and a transparent accountability system

Current Priorities:
- Strategic Planning Process to establish K-12 goals and tighten linkages to needs of higher education and employers
- Developing a balanced scorecard that enables Indiana to measure and report K-12 progress
- Adopt college-and-career ready Math and English/Language Arts standards and aligned state assessments
- Make adjustments to the A-F School Accountability System
Indiana’s Opportunity:
Indiana Career Council and Works Councils

Indiana Career Council

* **Alignment & coordination of education & training activities** in the context of Career Pathways along Sectors to meet industry demand
  * Skills Gap Analysis and Asset Mapping
  * Incorporate efforts among partners in K-12, Postsecondary, Economic and Workforce Development

* **Oversight & Administration of IWIS** to inform sector focus and offer clients much more informed choice in education & training leading to identified employment

Works Councils

* Regional Consortia model with employer-led focus on CTE alignment to meet industry needs
* Explore alternatives ways to meet industry needs
Indiana’s Opportunity: Career Pathways & Sector Strategies

* Further development of **Career Pathways along Industry Clusters**; multiple entry/exit points for students and adults toward industry-recognized credentials/degrees

* **Sector-based strategies** take identify and address skills needs across key industry sectors within a region

* These strategies result in the formation of **employer-led partnerships** that support and coordinate efforts among workforce development, economic development, and education partners.
Q&A

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