Briefing on Kentucky’s Adult Education System

By Reecie Stagnolia, Vice President for Adult Education
Kentucky Council on Postsecondary Education
April 17, 2015
Kentucky’s Education Reform

- Kentucky Education Reform Act (1990)
- Postsecondary Education Improvement Act of 1997 (HB1)
- Adult Education Act (Senate Bill 1 of 2000)
The Challenge

“Adult illiteracy is a fundamental barrier to every major challenge facing Kentucky, including early childhood education, education reform, economic development, and improving the health and well-being of Kentucky’s families and communities.”

- The Adult Education Act of 2000
Who Gained or Lost Jobs

-549,000 Less Than High School
-200,000 High School Grads
295,000 Some College or AA
1,676,000 College Grads

Education pays:

<table>
<thead>
<tr>
<th>Unemployment rate in 2013 (%)</th>
<th>Median annual earnings in 2013 ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.2</td>
<td>Doctoral degree</td>
</tr>
<tr>
<td>2.3</td>
<td>Professional degree</td>
</tr>
<tr>
<td>3.4</td>
<td>Master's degree</td>
</tr>
<tr>
<td>4.0</td>
<td>Bachelor's degree</td>
</tr>
<tr>
<td>5.4</td>
<td>Associate's degree</td>
</tr>
<tr>
<td>7.0</td>
<td>Some college, no degree</td>
</tr>
<tr>
<td>7.5</td>
<td>High school diploma</td>
</tr>
<tr>
<td>11.0</td>
<td>Less than a high school diploma</td>
</tr>
</tbody>
</table>

A More Demanding Economy

The Passport to the American Dream:

• In 1973, the Passport was a **High School Diploma**. 72%* of the workforce had no more than a high school degree

• In 2015, the Passport is **Education beyond High School**

*Nearly 60% of today’s workforce has at least some college.*

Source: Center on Education and the Workforce, Georgetown University
The Lumina Foundation officially adopted its **Big Goal** that **60 percent** of Americans obtain a high-quality postsecondary degree or credential by **2025**.
A Global War for Good Jobs is Coming

- At the current rate, employers in 2025 will need about 23 million more degree holders than our nation’s colleges and universities will have produced.

- Approximately 2/3 of the nation’s college completion goal will come from non-traditional students entering and staying in the pipeline.
By 2018, **54% of all jobs in Kentucky** will require some level of **postsecondary education**.

Between now and 2018, **Kentucky will need to fill 617,000 vacancies** resulting from job creation, worker retirements and other factors. Of these job vacancies **330,000 will require postsecondary credentials**.

--Center on Education and the Workforce, Georgetown University, 2010
There are plenty of jobs in manufacturing, but too few people with the necessary skills.

Skills Gap - PREPARE CAREER READY LEARNERS
• **Services:**
  - Standards-based academic instruction
  - Preparation and coaching for next steps (e.g., college and career)

• **Populations served:**
  - Individuals without a high school diploma
  - Individuals with a high school diploma with emergent needs
  - English as a second language learners
  - Corrections

• **Preparation for the following:**
  - GED® high school equivalency test
  - National Career Readiness Credential (NCRC)
  - Employability skills
Kentucky Adult Education Provider Network

Postsecondary Institution (59)
- KCTCS
- MoSu
- EKU

Regional Education Cooperative (20)
- WKEC
- KVEC
- KEDC

Community-Based Organization (2)

Local School District (39)

Source: Kentucky Adult Education, Council on Postsecondary Education
8/6/2014
Percentage of Working Age (18-64) Kentuckians Without a High School Diploma or GED® Credential

<table>
<thead>
<tr>
<th>Year</th>
<th>Total 18-64 without Diploma</th>
<th>Total 18-64</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>630,000</td>
<td>2,200,000</td>
</tr>
<tr>
<td>2000</td>
<td>537,000</td>
<td>2,500,000</td>
</tr>
<tr>
<td>2010</td>
<td>410,000</td>
<td>2,700,000</td>
</tr>
<tr>
<td>2013</td>
<td>376,000</td>
<td>2,750,000</td>
</tr>
</tbody>
</table>

A Decade of Progress
Percentage of Population, 18-64, without a High School Credential

2000

Source: U.S. Census 2000
A Decade of Progress
Percentage of Population, 18-64, without a High School Credential

2010

- 0-10% (9 counties)
- 11-20% (64 counties)
- 21-30% (40 counties)
- Over 30% (7 counties)

Source: American Community Survey (ACS) 2006-2010
Progress Continues
Percentage of Population, 18-64, without a High School Credential

2013

Source: American Community Survey (ACS) 2009-2013
Percent of Population, 18-64, without High School Credential

**2000**

United States: **17%**

**21%**

Source: U.S. Census 2000
Percent of Population, 18-64, without High School Credential

Source: 2006-10 American Community Survey, 5 year estimates
Percent of Population, 18-64, without High School Credential

2013

Source: 2009-13 American Community Survey, 5 year estimates

KENTUCKY COUNCIL ON POSTSECONDARY EDUCATION
Re-Engineering Adult Education

WHAT ARE WE DOING TO RE-ENGINEER OR TRANSFORM THE NATION’S ADULT EDUCATION SYSTEM?
The Leaky Pipeline

The P-20 Pipeline.

College

Adult Education

Training / Voc. Ed.

Workforce

PK 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
Kentucky Population and KYAE Enrollment by Race/Ethnicity

Source: Kentucky Adult Education Reporting System (KAERS) January 2015

Source: United States Census Bureau Quick Facts
Comparison of Target Population, Enrollment and GED® Graduates by Age Cohorts (2014)

Target Population (376,141)*  Enrollment (32,381)  GED® Graduates (7,083)

18-24: 17%  33%  38%
25-34: 17%  30%  28%
35-44: 19%  17%  12%
45-64: 47%  14%  7%

Source: 2006-10 American Community Survey estimates. Based on age 18-64 without a high school diploma (total percentages do not include 16-17 year olds and 65 and older target population).
Enrollment

Grade Level Equivalencies of Who We Serve Students in Academic Instruction (2013-14)

- Below 6th grade level, 39%
- Between 6th and 9th grade level, 34%
- 9th grade and above, 27%
GED® Graduates Transitioning to Postsecondary Education by Age

FY 2014

- 49% 18-24
- 27% 25-34
- 14% 16-17
- 11% 35-44
- 11% 16-17
- 3% 45-64
- 30% 25-34
- 17% 35-44
- 33% 18-24

GED Credential Attainment by Age

FY 2014

- 28% 25-34
- 22% 35-44
- 14% 16-17
- 7% 45-64
- 12% 35-44

Student Enrollment by Age

FY 2014

- 5% 16-17
- 1% 65+
- 30% 25-34
- 33% 18-24
- 17% 35-44

KENTUCKY COUNCIL ON POSTSECONDARY EDUCATION
Significant Challenges to Success

**Hearing Difficulties**
- With HS diploma: 2.7%
- Without HS diploma: 6.3%

**Vision Difficulties**
- With HS diploma: 2.2%
- Without HS diploma: 6.5%

**Cognitive Difficulties**
- With HS diploma: 2.2%
- Without HS diploma: 6.5%

**Medicaid Assistance**
- With HS diploma: 8.4%
- Without HS diploma: 29.7%

**Disability**
- With HS diploma: 13.1%
- Without HS diploma: 33.2%

Source: PUMS Data, 2009-2013 American Community Survey
### WHEN LAST WORKED

**Within the Past 12 Months**
- With HS diploma: 77.0%
- Without HS diploma: 46.0%

**1-5 Years Ago**
- With HS diploma: 9.0%
- Without HS diploma: 12.1%

**More Than 5 Years Ago or Never Worked**
- With HS diploma: 13.7%
- Without HS diploma: 41.5%

**18-64 Without High School Diploma, Last Worked More Than 5 Years Ago or Never Worked**
- Medicaid Assistance: 53.8%
- Disability: 52.1%
- Medicaid Assistance or Disability: 70.6%

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Source: PUMS Data, 2009-2013 American Community Survey
Challenges Ahead

As many as **60%** of community college students must take development education courses – only **25%** who do, earn a degree in 8 years.

Estimated that **50-80%** students in AE programs have learning disabilities/differences.

Only **3%** of students who start college in AE programs earn degree.

**41%** of students in AE programs are unemployed.

The Chronicle of Higher Education April 20, 2010

The Chronicle of Higher Education April 11, 2011
Percentage of Individuals Served by KYAE with High School or GED® Diploma

- FY 2010: 29%
- FY 2011: 31%
- FY 2012: 33%
- FY 2013: 34%
- FY 2014: 36%
GED® Graduates Enrolling in Kentucky’s Colleges and Universities* within Two Academic Years

Of those who enrolled in postsecondary education by summer 2014:

- **92%** enrolled in KCTCS
- **5%** enrolled in a public four-year institution
- **3%** enrolled in an independent institution

*Kentucky’s state-supported colleges and universities and the regionally accredited, non-profit, independent colleges and universities.*
Percentage of Working Age Kentuckians (18-64) With a High School or GED® Diploma

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<td>2000</td>
<td>78.5%</td>
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<td>84.8%</td>
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<tr>
<td>2020</td>
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MISSY WILL ADD A SLIDE WITH QUOTE FROM PRESIDENT
• Decade of Progress
• 40% below 6th grade level
• Compulsory attendance age
• 36% already with a high school diploma or its equivalent
• PUMS data - ripple effect
• Depleted pipeline
Veterans Returning from War

High School Diploma Equivalence 1940s
General Educational Development Test
2014 Edition of the GED® Test
2014 GED® Test Introduction

• Depleted student **pipeline**

• Student **anxiety**

• Instructor **comfort**
GED® Graduates
2010-14

- 2009-10: 9,357
- 2010-11: 10,294
- 2011-12: 9,469
- 2012-13: 8,890
- 2013-14: 7,083
Subsequently…

- **Reloading pipeline**
- **Certified test ready**
- **Fourth year of standards-based instruction PD**
- **GED® graduates and PSE enrollment**
Kentucky Adult Education Game Changers:

- Instructional Quality and Effectiveness
- Standards-Based Instruction: Progress toward WIOA Implementation
- Integrated Education and Training Models – Career Pathways
- Employability Skills
Workforce Opportunity and Innovation Act (WIOA)

- Alignment
- Integrated services
- Workforce Preparation
- Integrated Education & Training
- Career Pathways
Instructional Quality and Effectiveness

Professional Development (PD) + Partners Model

Academy for Adult Education, Morehead State U.
Collaborative Center on Literacy Development, UK
National Center for Families Learning (NCFL)
Kentucky Educational Television (KET)
Standards-Based Instruction

Required by WIOA Leadership
State Activities
Workforce Preparation

Employability Skills Pilot

Lesson Bank
Website resources
Alignment with Work Ready Communities
Integrated Education and Training

Academic instruction + Occupational training =

[Images of a stack of books and three individuals in hard hats discussing a document]
Integrated Education and Training

Moving Pathways Forward TA grant = “Integrated Education and Training”

Example: Apprenticeships
KY Federation for Advanced Manufacturing Education
Unions
Area Health Education Centers….
Career Pathways

Accelerating Opportunity =
Integrated Education and Training
+ Technical Instruction
+ Intensive Wraparound Services

Never too old to go to college
GED® Express
Kentucky is on the Road to Success

“Kentucky is ahead of almost all other states in building the Common Core standards into its adult education system.”

“Kentucky has far more experience than most states in strengthening adult access to postsecondary education.”