

# 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

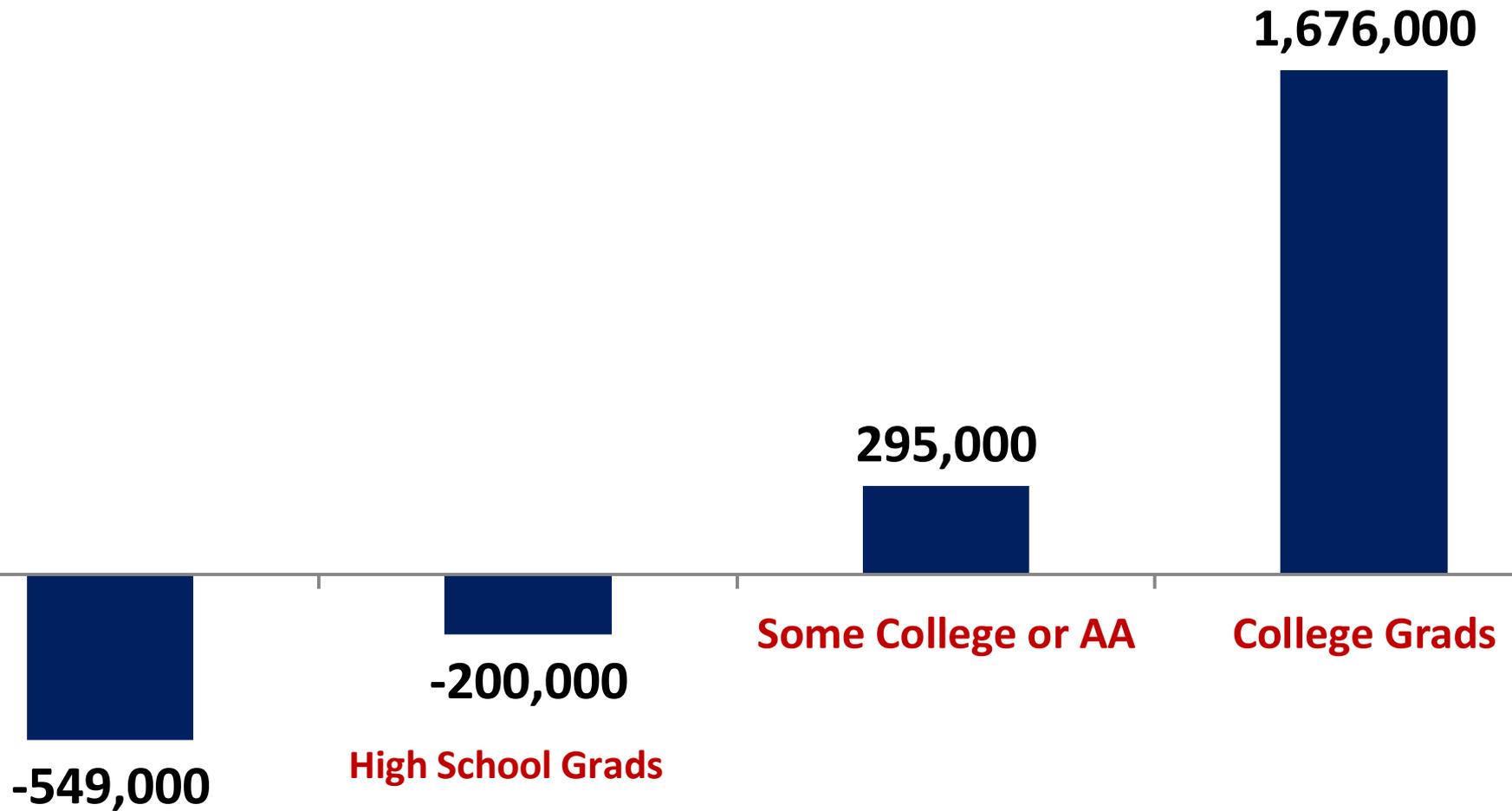


“Adult illiteracy is a fundamental barrier to every major challenge facing Kentucky, including early childhood education, education reform, economic development, and improving the health and well-being of Kentucky’s families and communities.”

- *The Adult Education Act of 2000*



# Who Gained or Lost Jobs



**Less Than High School**

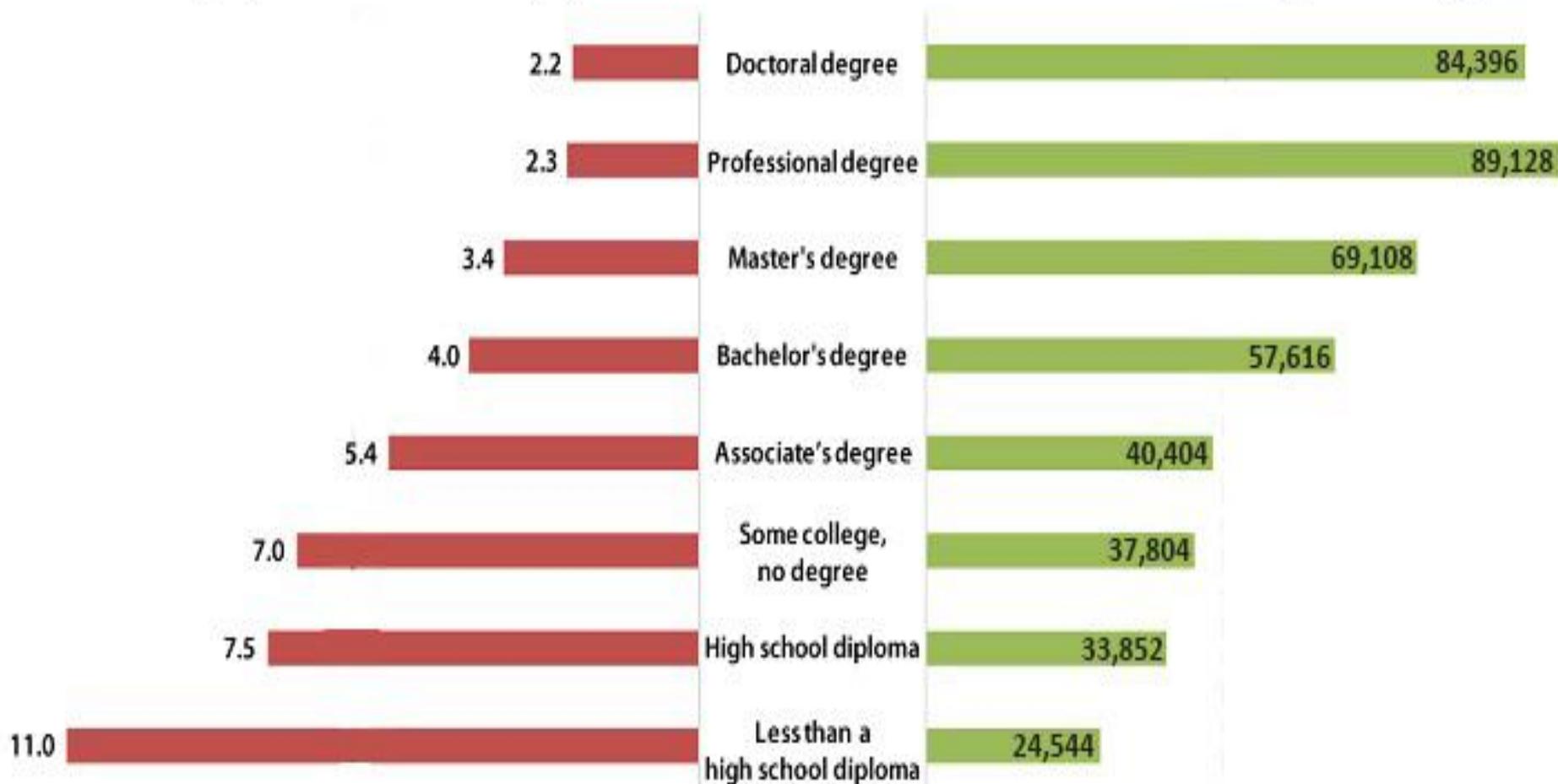
*“The Qualified Job Applicant, Redefined”, Forbes Magazine, May 2012*



# Education pays:

Unemployment rate in 2013 (%)

Median annual earnings in 2013 (\$)



Source: Current Population Survey, U.S. Bureau of Labor Statistics, U.S. Department of Labor



# 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*



# A STRONGER NATION THROUGH HIGHER EDUCATION

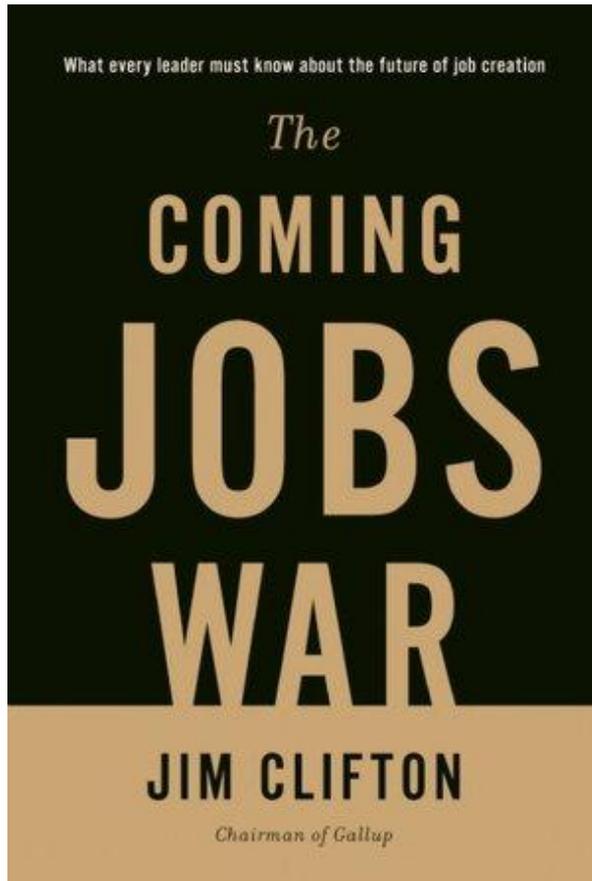


How and why Americans must achieve a Big Goal for college attainment

March 2012

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*



## American Mismatch

There are plenty of jobs in manufacturing, but too few people with the necessary skills.

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## Lack of Soft Skills is the Real Issue in Labor 'Mismatch'

By George C. Ford, Reporter



## Why Are There 3 Million Unfilled Job Openings in America Right Now?

Written by StaffingTalk  
JUNE 24, 2011

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*What Recovery?*

The headline in a national news magazine caught my attention of course. However, it was Myth #4 - "we can move where the jobs are" - in the sub head "The Five Myths About The Economy" that had me reading more closely.



## On The Job Hunt: Unfilled Jobs Across America, Are You Qualified?

By John Roberts / Published August 30, 2011 / FoxNews.com



**-Skills Gap-**  
**PREPARE CAREER READY LEARNERS**

REPORT: 52% OF U.S. FIRMS  
CAN'T FIND QUALIFIED WORKERS

NOT  
FOR HIRE

Jon Ockander, 35, uses a probe to test for a drain cover as he moves dirt on the construction site before  
Kirkwood Community College on Friday, Aug. 31, 2012, in southwest Cedar Rapids, Iowa. Ockander  
state boards and is a registered nurse. (Lain Stewart/The Gazette-KCRG)

- **Services:**

- Standards-based academic instruction
- Preparation and coaching for next steps (e.g., college and career)

- **Populations served:**

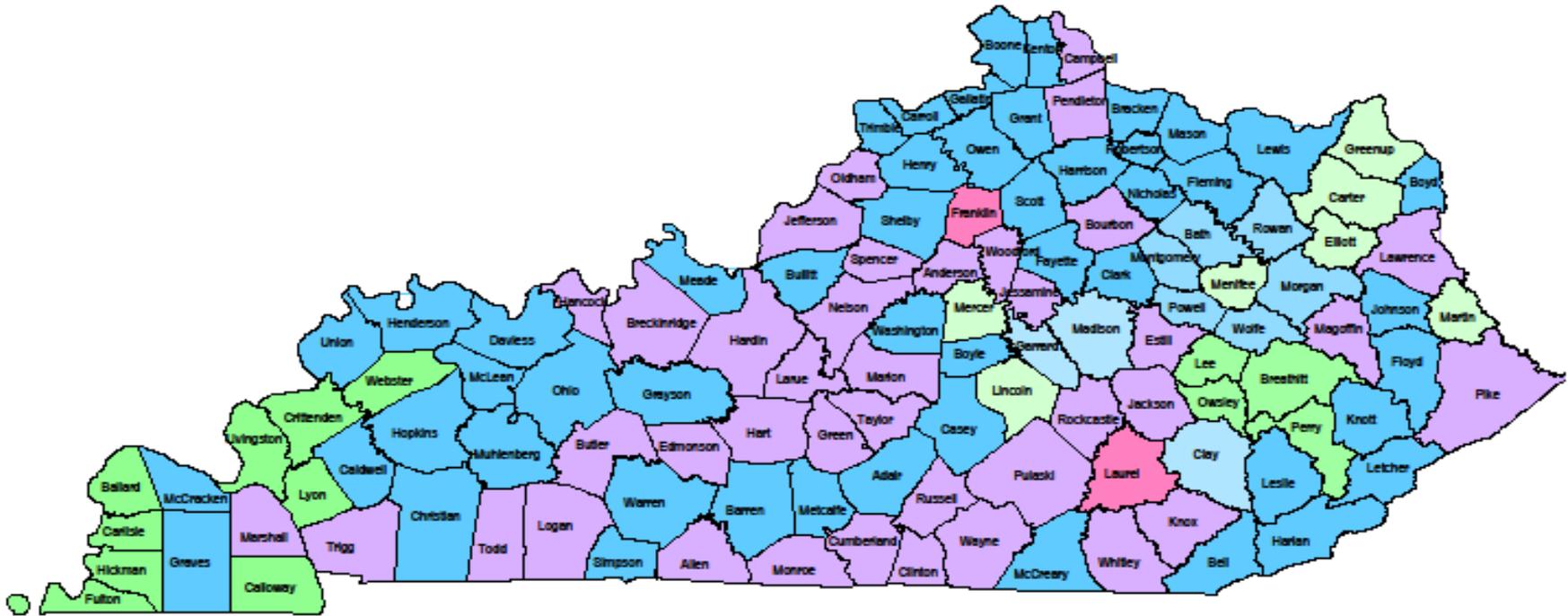
- Individuals without a high school diploma
- Individuals with a high school diploma with emergent needs
- English as a second language learners
- Corrections

- **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)

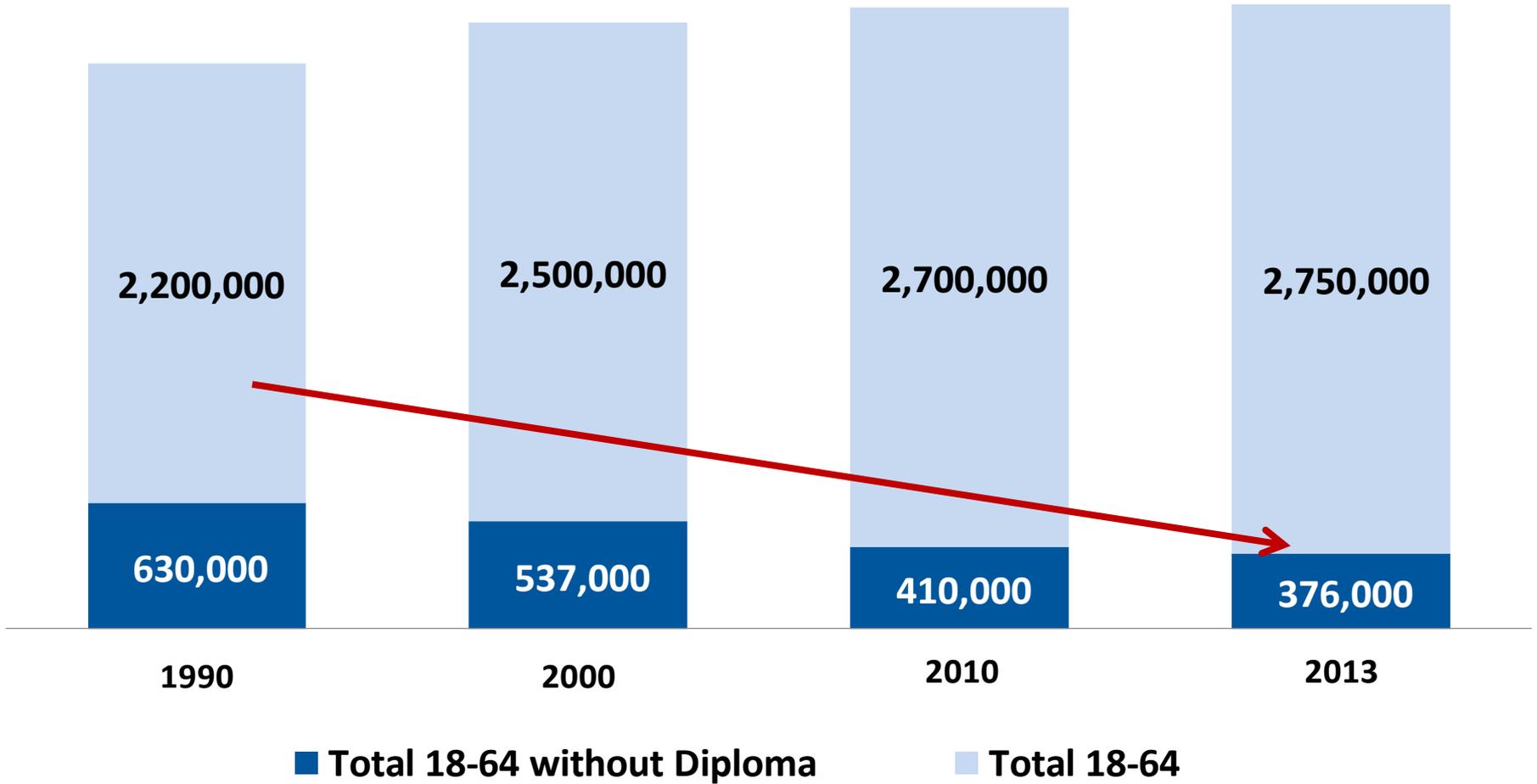
● Local School District (39)

Source: Kentucky Adult Education, Council on Postsecondary Education

8/8/2014



# Percentage of Working Age (18-64) Kentuckians Without a High School Diploma or GED® Credential



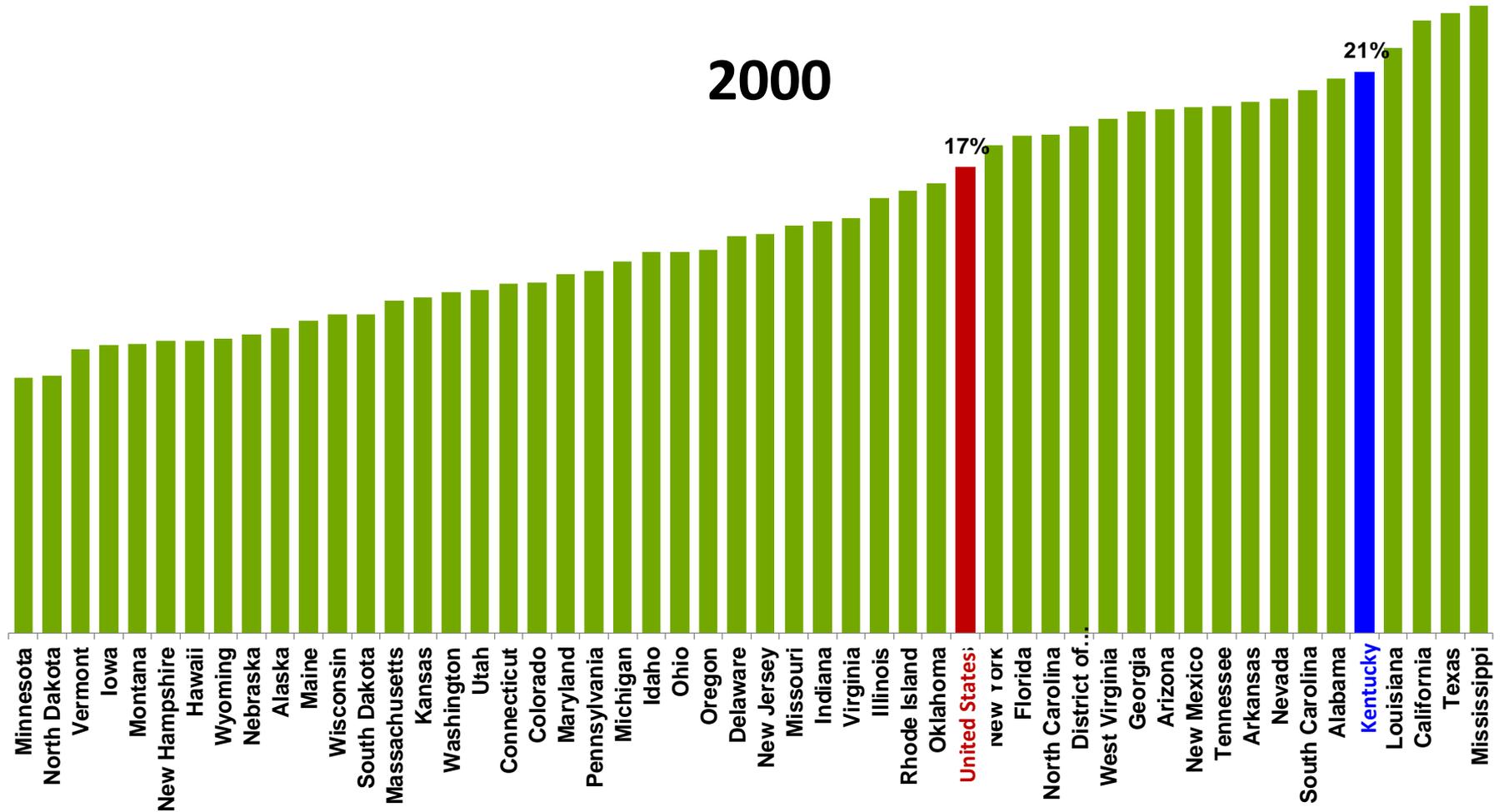
Source: Census Data, 2000: ACS 5-years estimates, 2006-2010, 2007-2011, 2008-2012, and 2009-2013







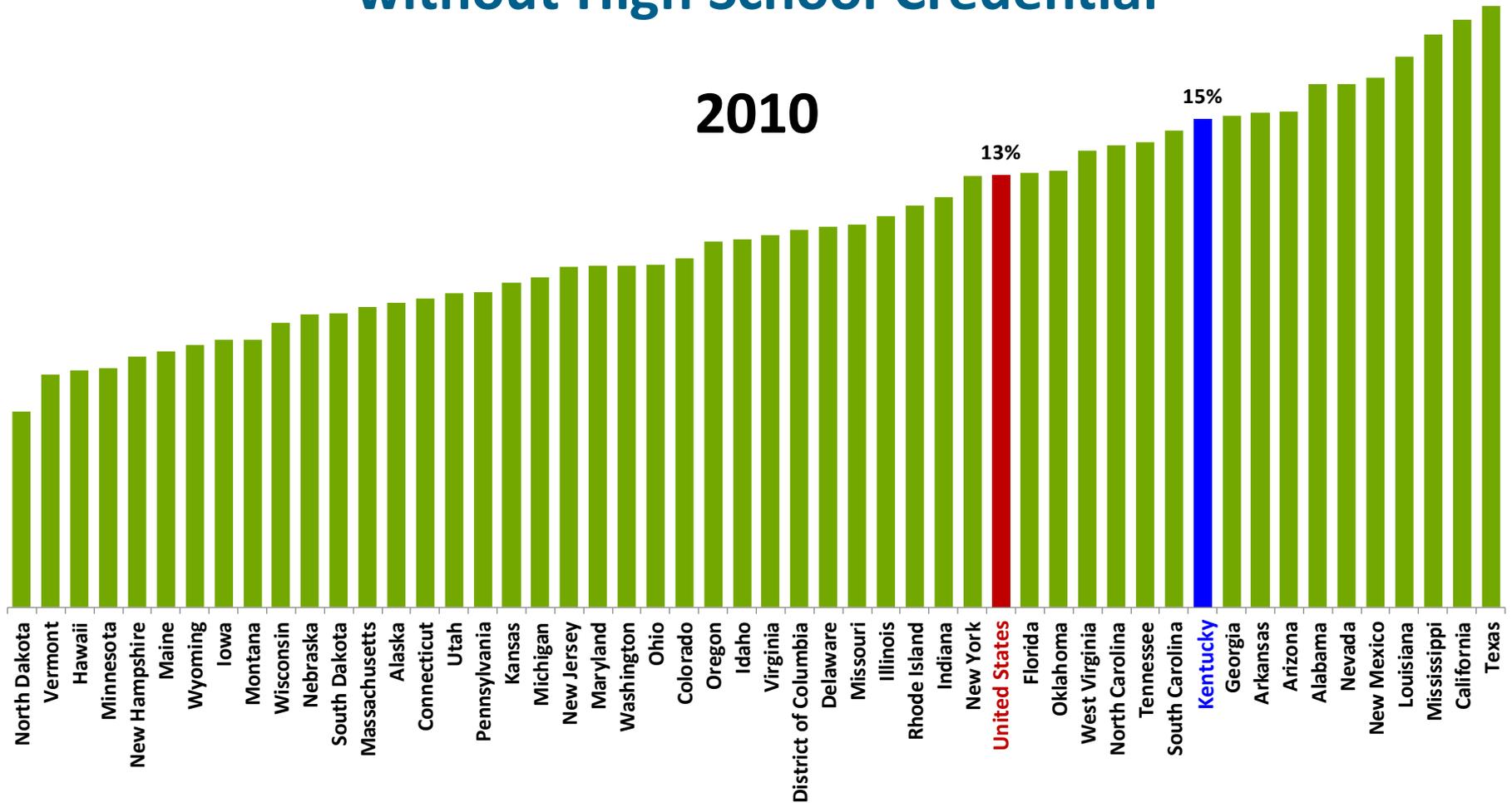
# Percent of Population, 18-64, without High School Credential



Source: U.S. Census 2000



# Percent of Population, 18-64, without High School Credential

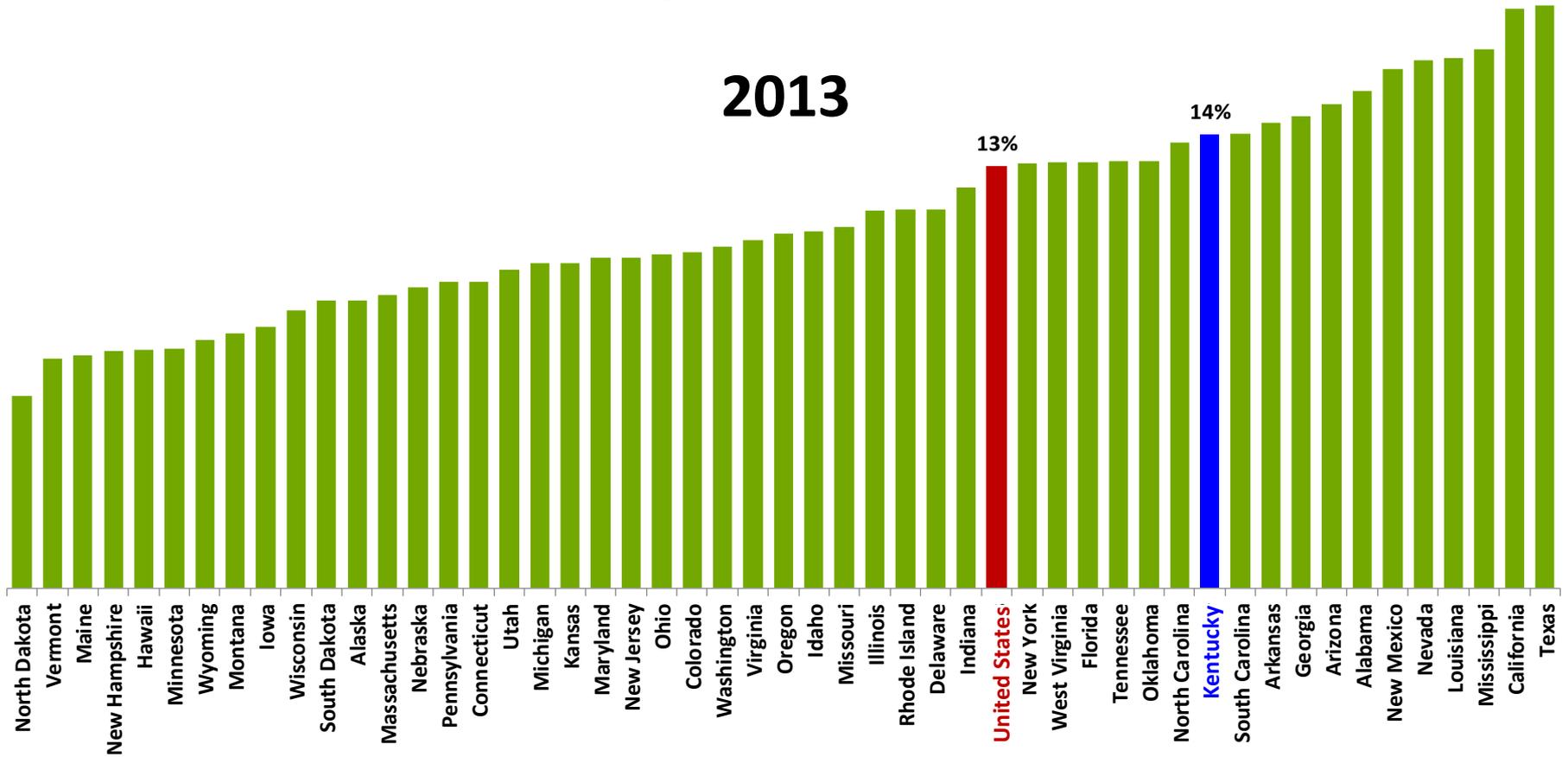


Source: 2006-10 American Community Survey, 5 year estimates



# Percent of Population, 18-64, without High School Credential

2013



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



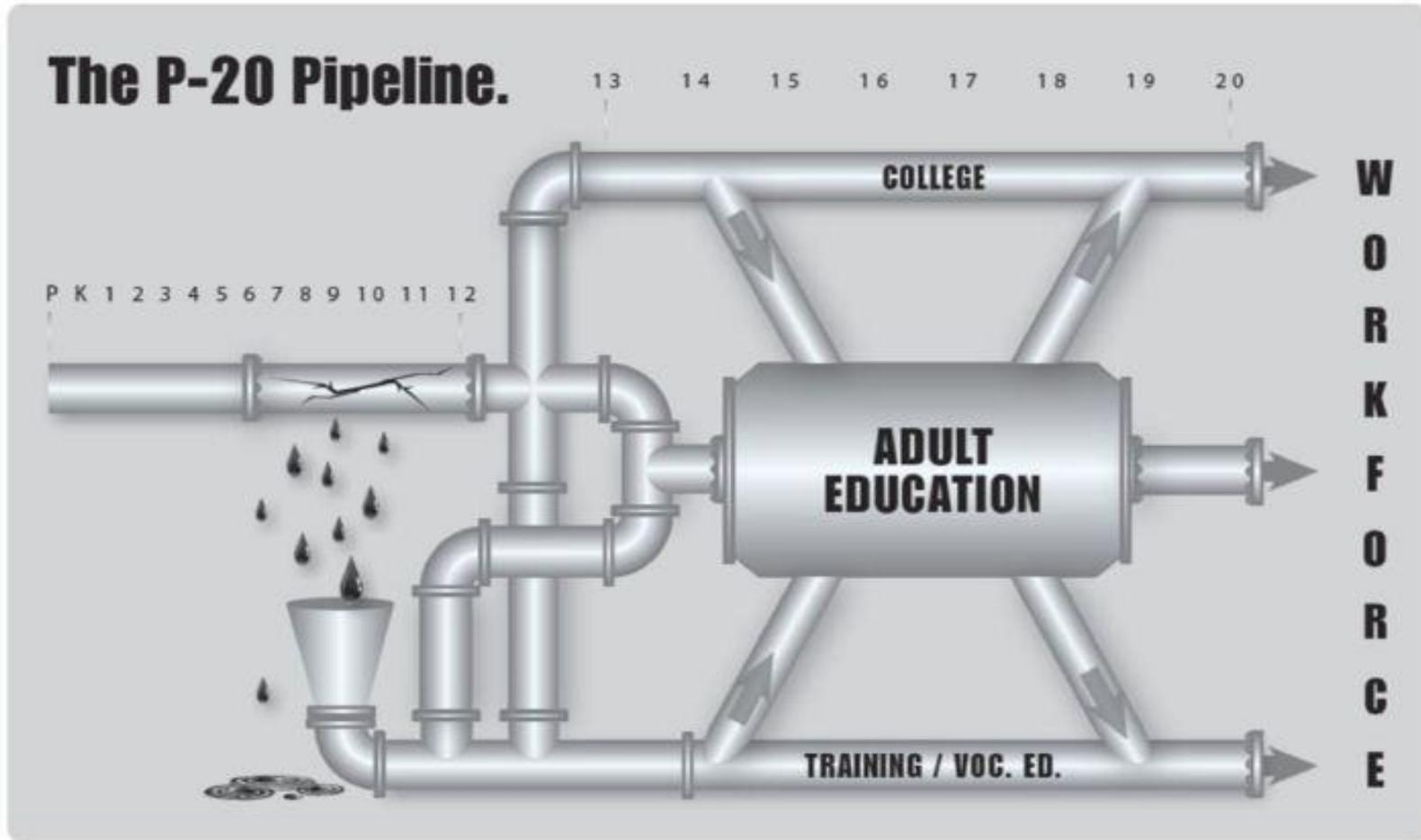
# Re-Engineering Adult Education



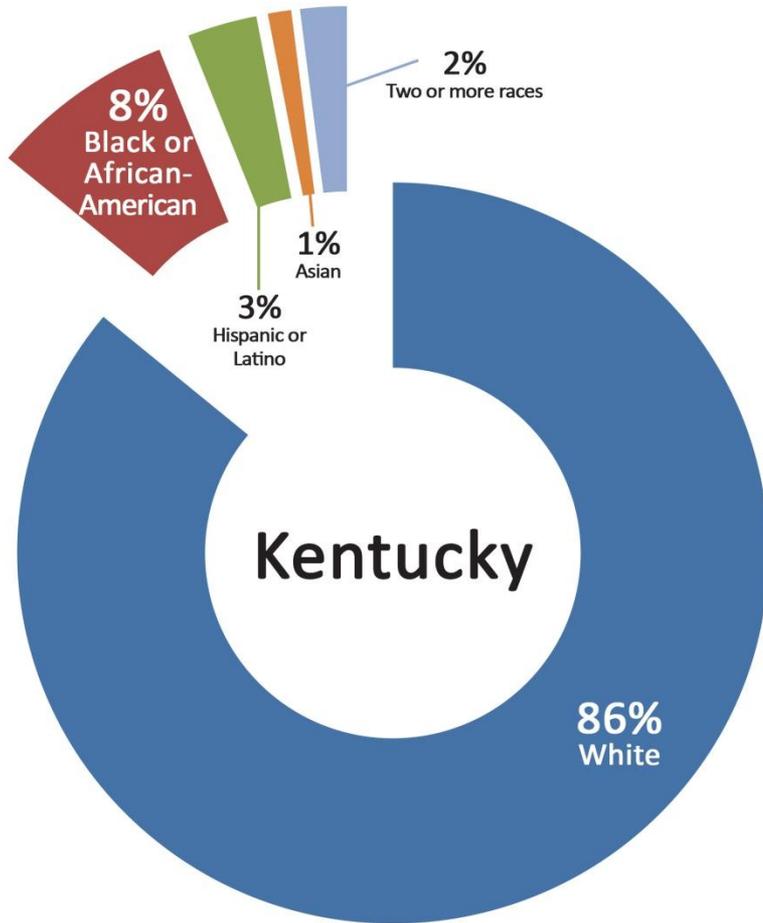
**WHAT ARE WE DOING TO  
RE-ENGINEER OR TRANSFORM  
THE NATION'S ADULT EDUCATION SYSTEM?**



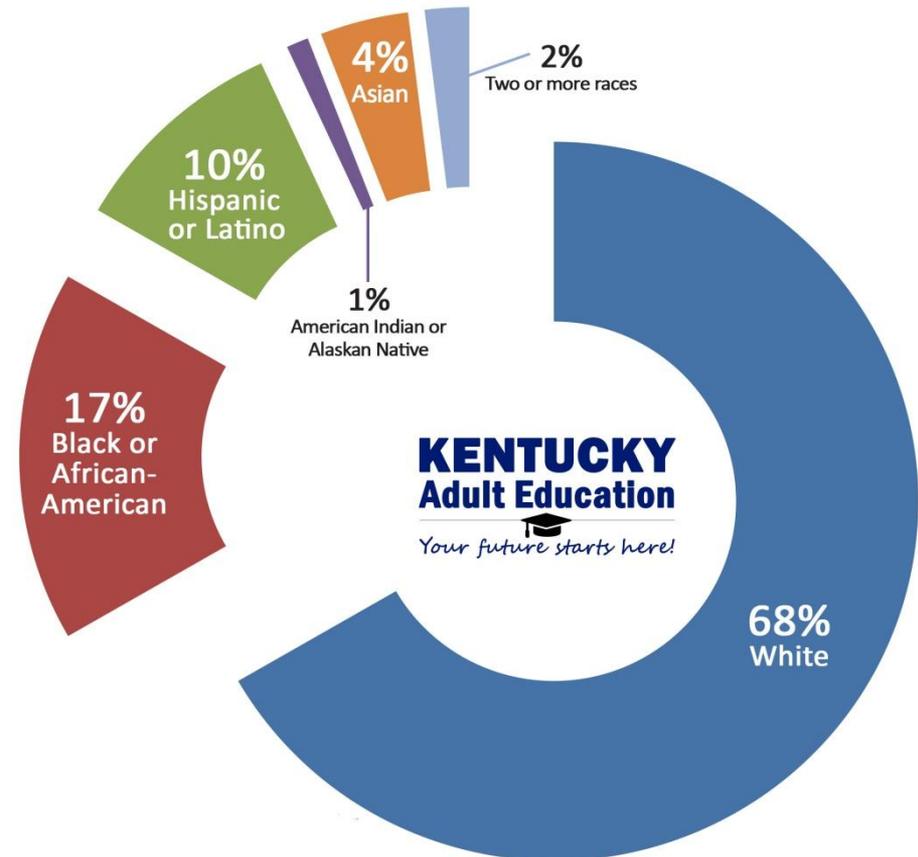
# The Leaky Pipeline



# Kentucky Population and KYAE Enrollment by Race/Ethnicity



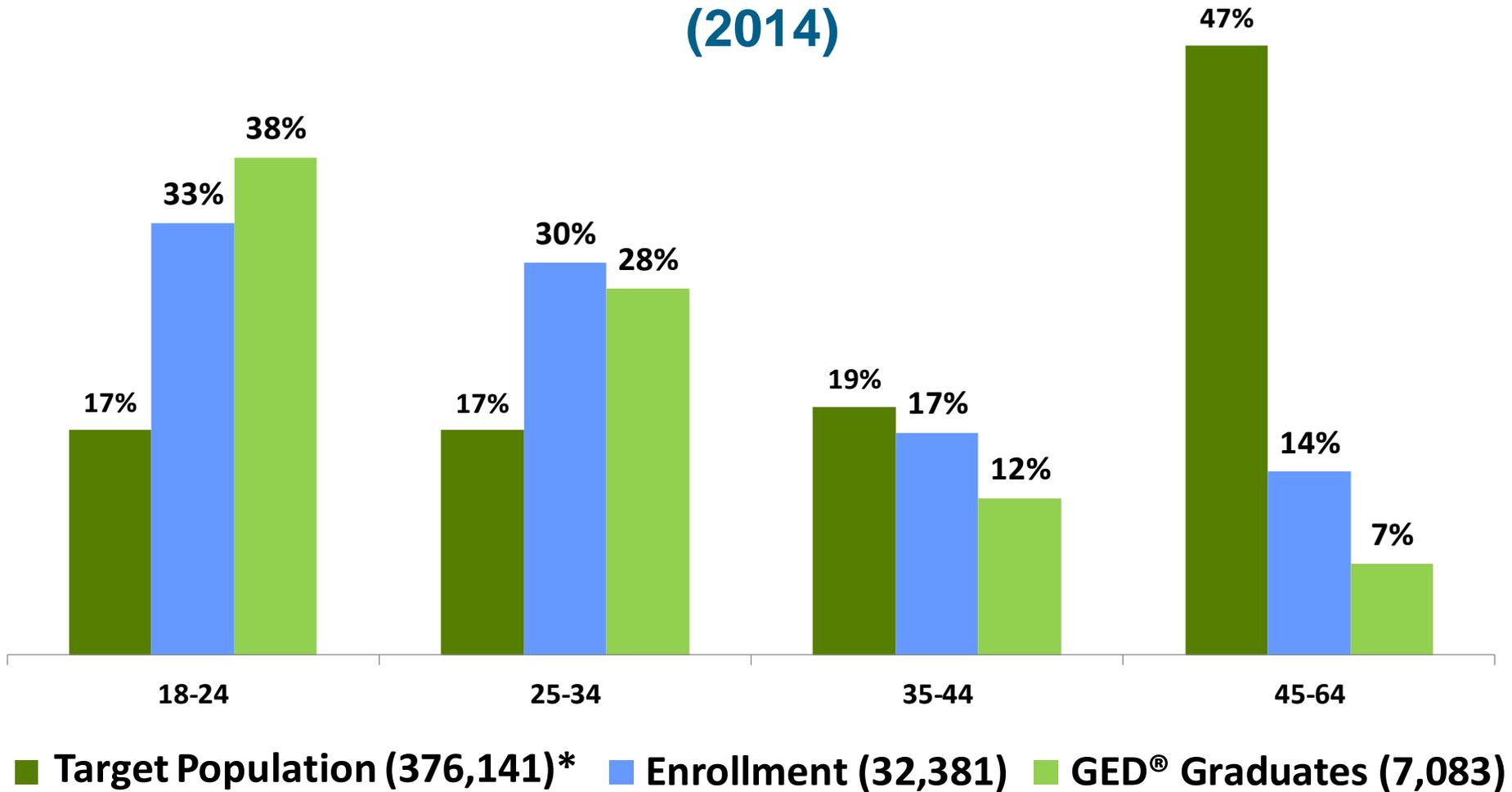
Source: United States Census Bureau Quick Facts



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



# Comparison of Target Population, Enrollment and GED® Graduates by Age Cohorts (2014)

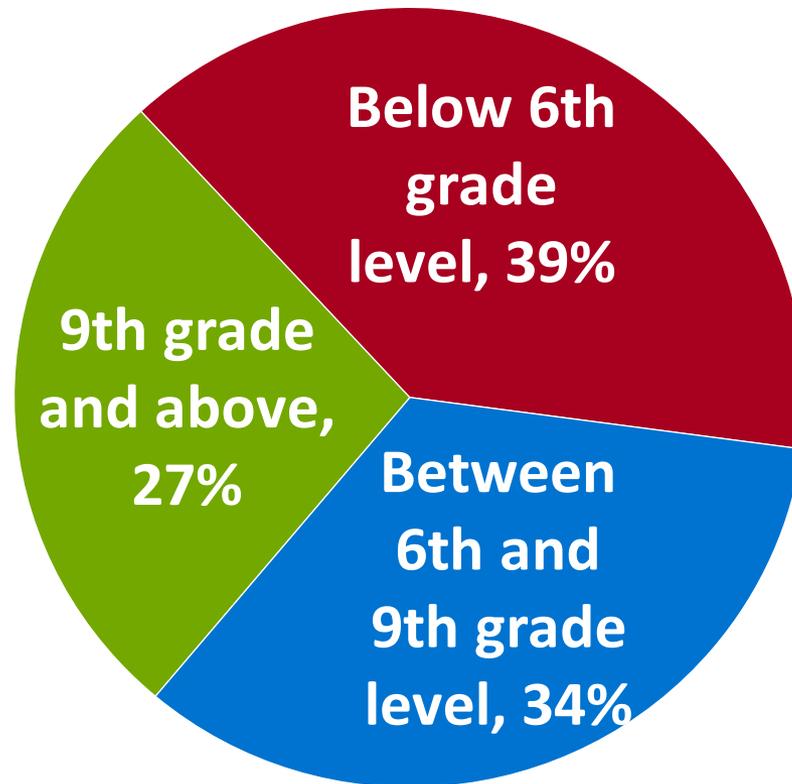


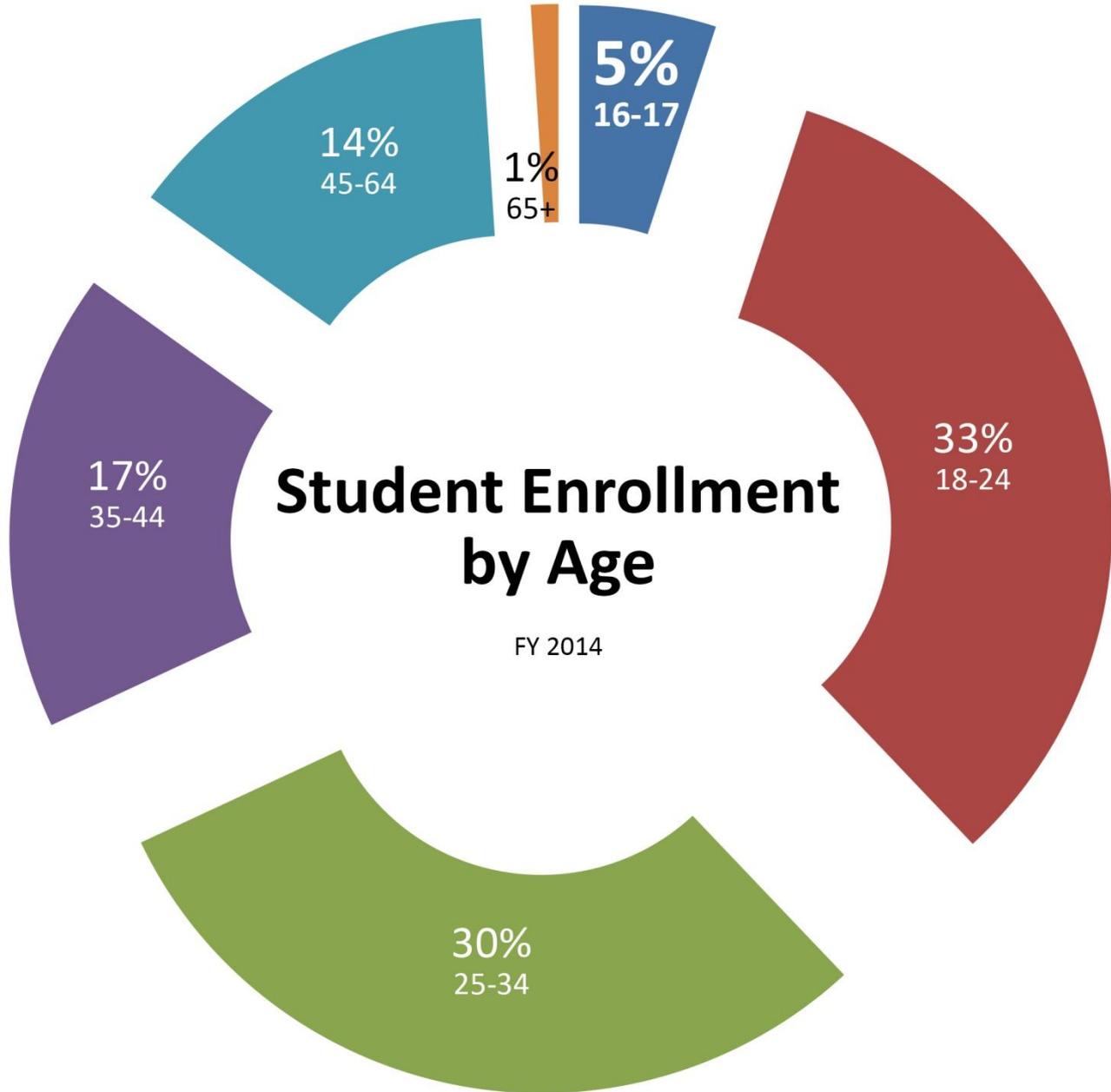
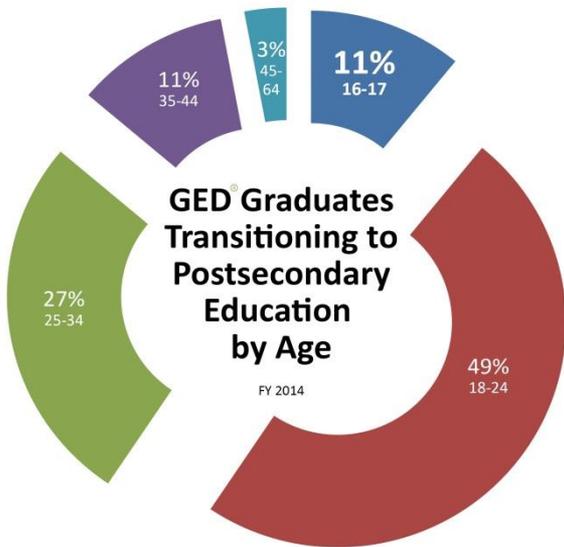
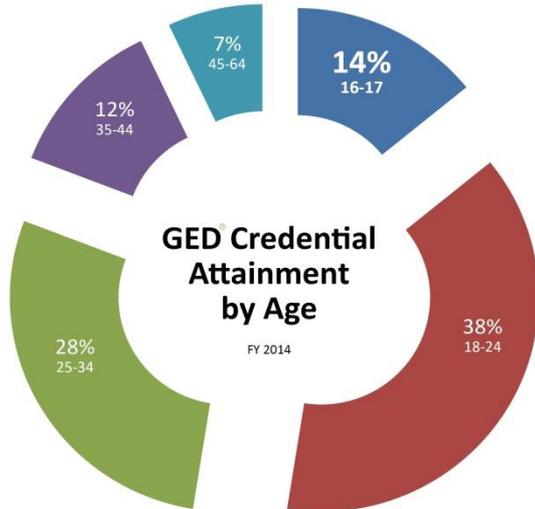
Source: 2006-10 American Community Survey estimates. Based on age 18-64 without a high school diploma (total percentages do not include 16-17 year olds and 65 and older target population).

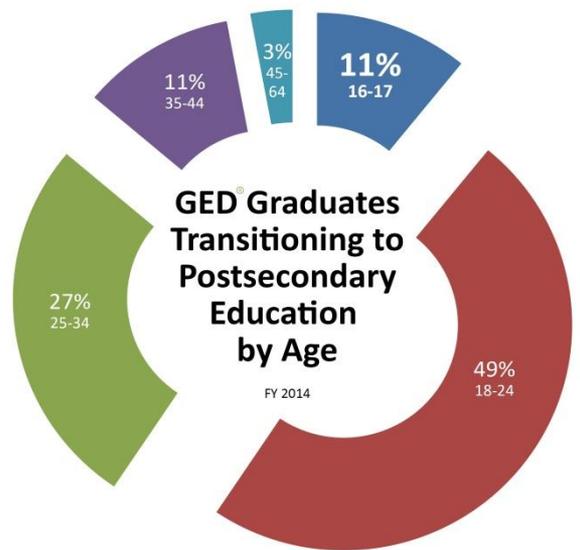
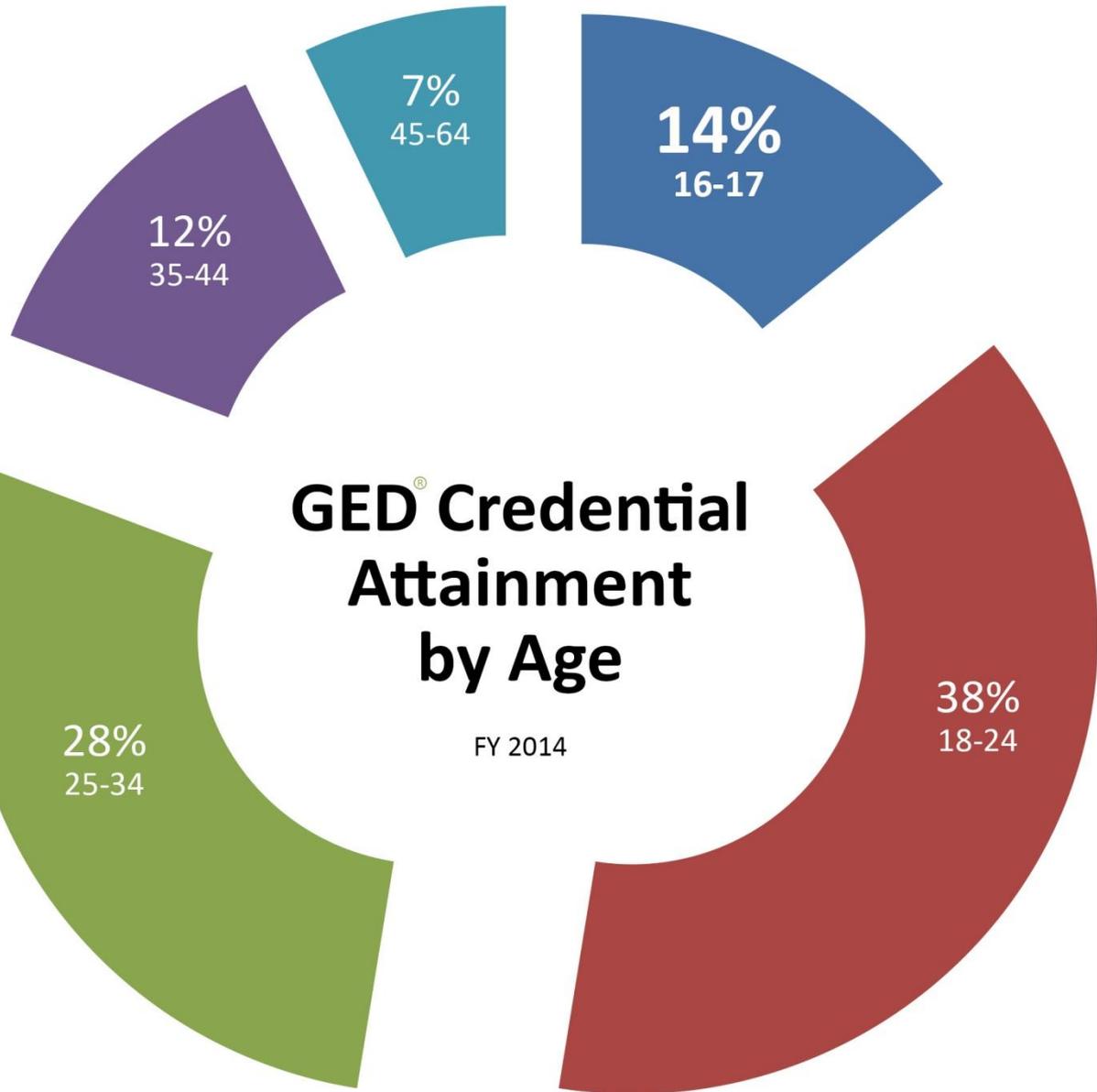
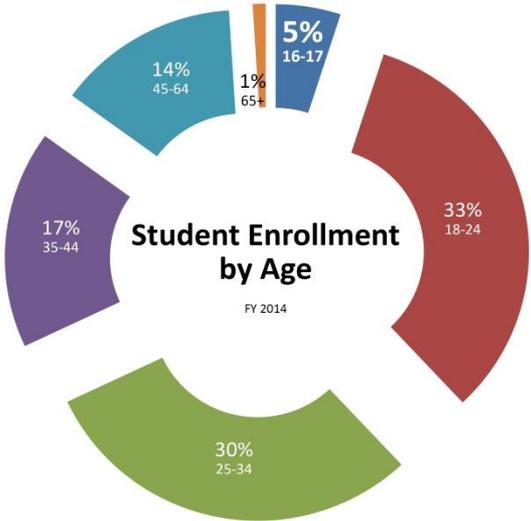


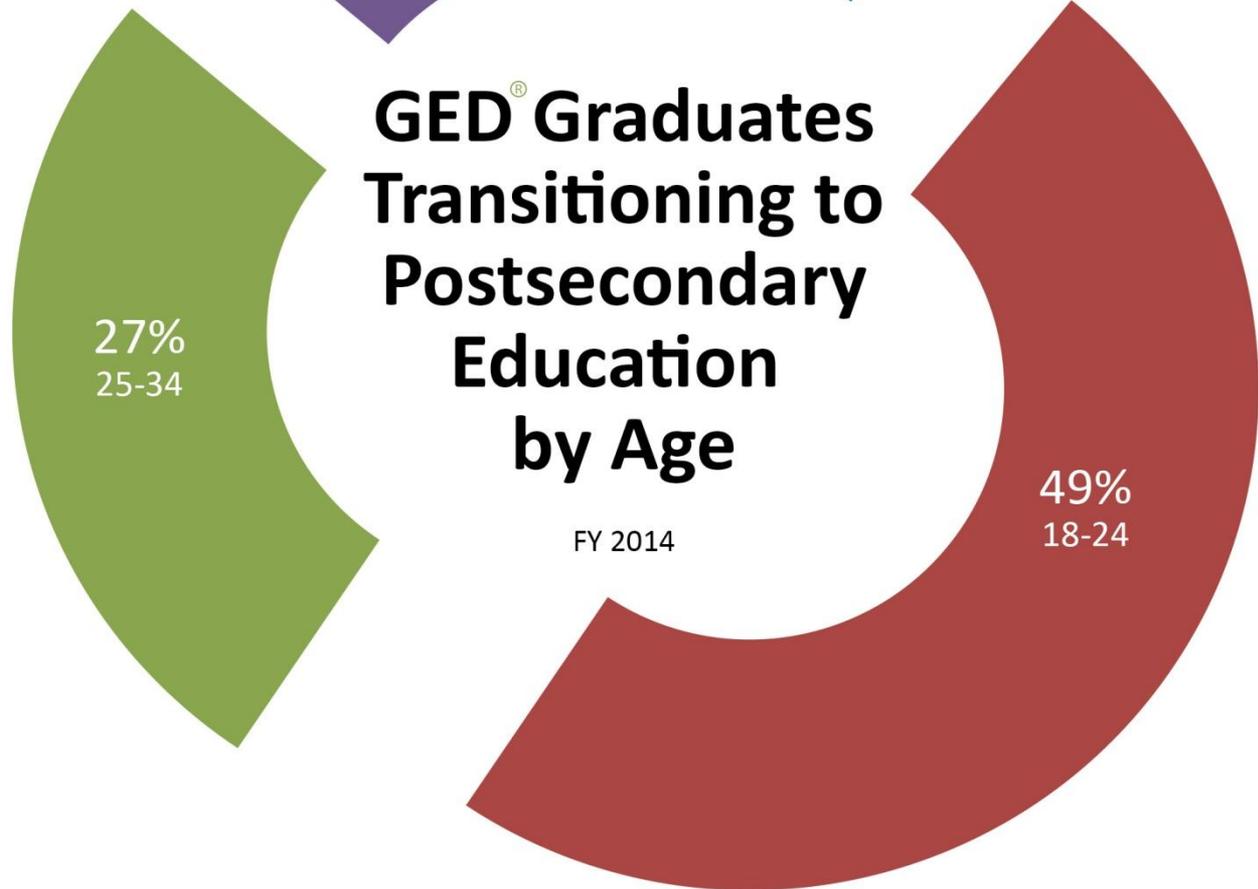
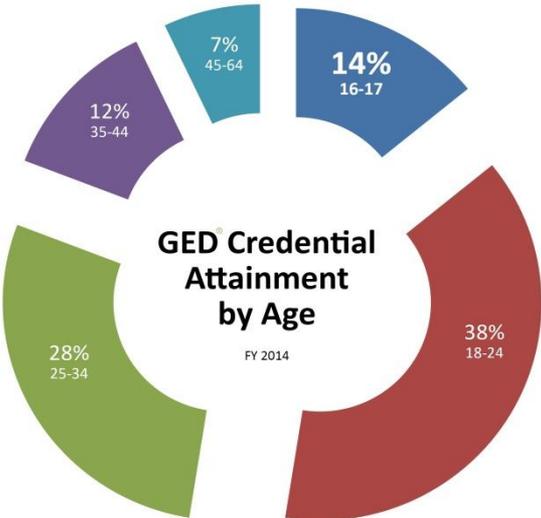
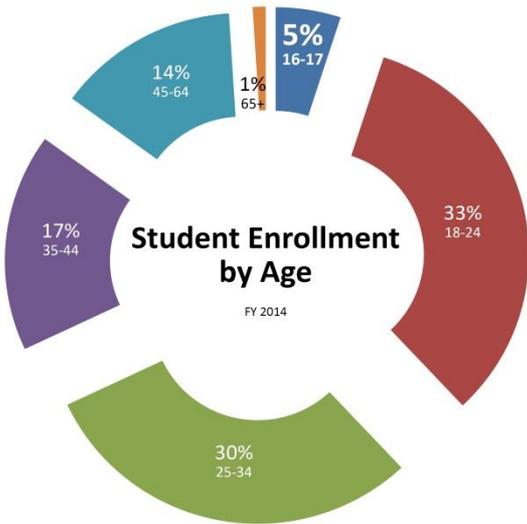
# Enrollment

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









# Significant Challenges to Success

Population Ages 18-64 **With High School Diploma** vs. Population Ages 18-64 **Without High School Diploma**



## Hearing Difficulties

With HS diploma	2.7%
Without HS diploma	6.3%



## Medicaid Assistance

With HS diploma	8.4%
Without HS diploma	29.7%



## Vision Difficulties

With HS diploma	2.2%
Without HS diploma	6.5%



## Disability

With HS diploma	13.1%
Without HS diploma	33.2%



## Cognitive Difficulties

With HS diploma	2.2%
Without HS diploma	6.5%

Source: PUMS Data, 2009-2013 American Community Survey



# Significant Challenges To Success

Population Ages 18-64 **With High School Diploma** vs. Population Ages 18-64 **Without High School Diploma**

## 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%



Source: PUMS Data, 2009-2013 American Community Survey



# Challenges Ahead



DETOUR

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

The Chronicle of Higher Education April 20, 2010



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



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

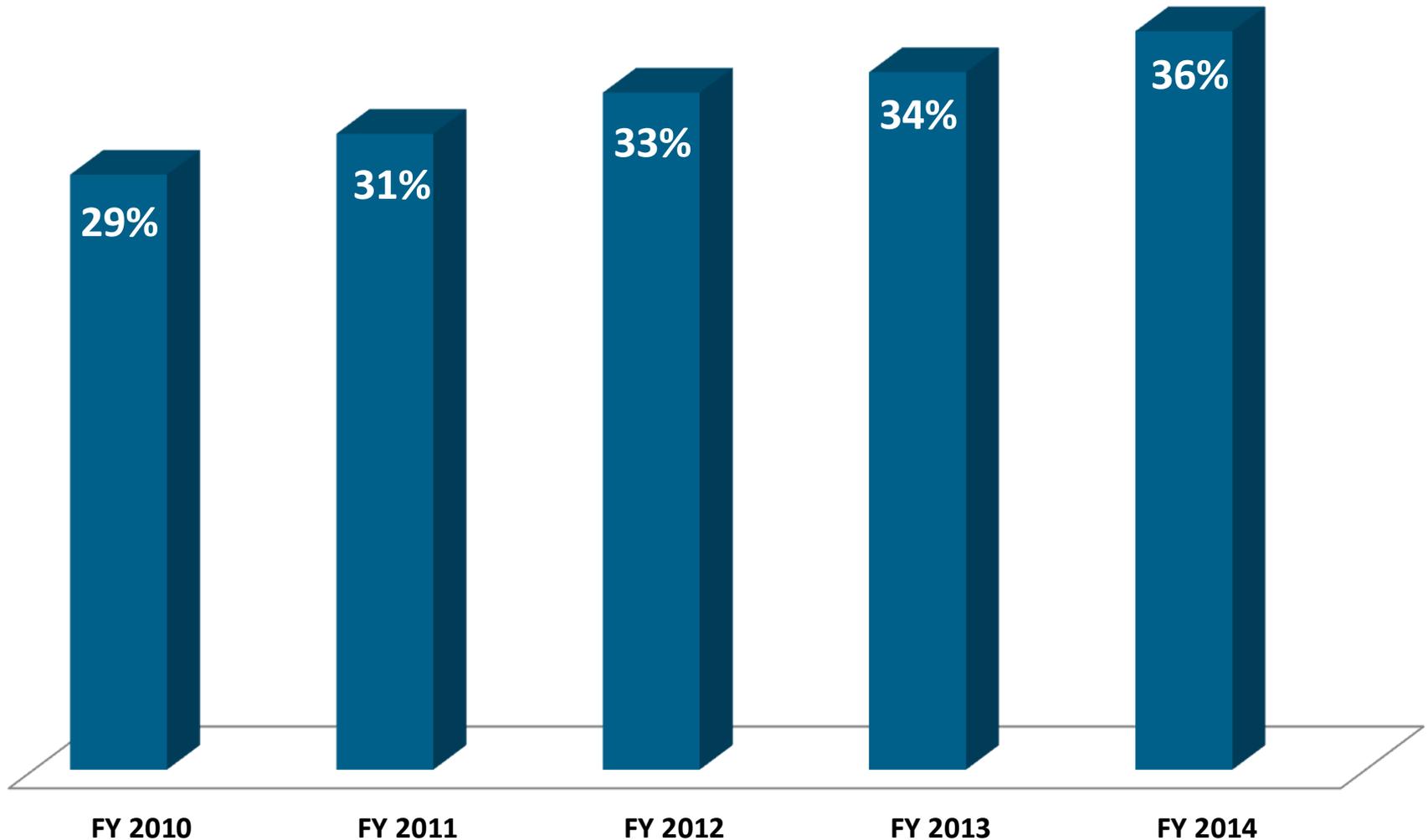
The Chronicle of Higher Education April 11, 2011



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



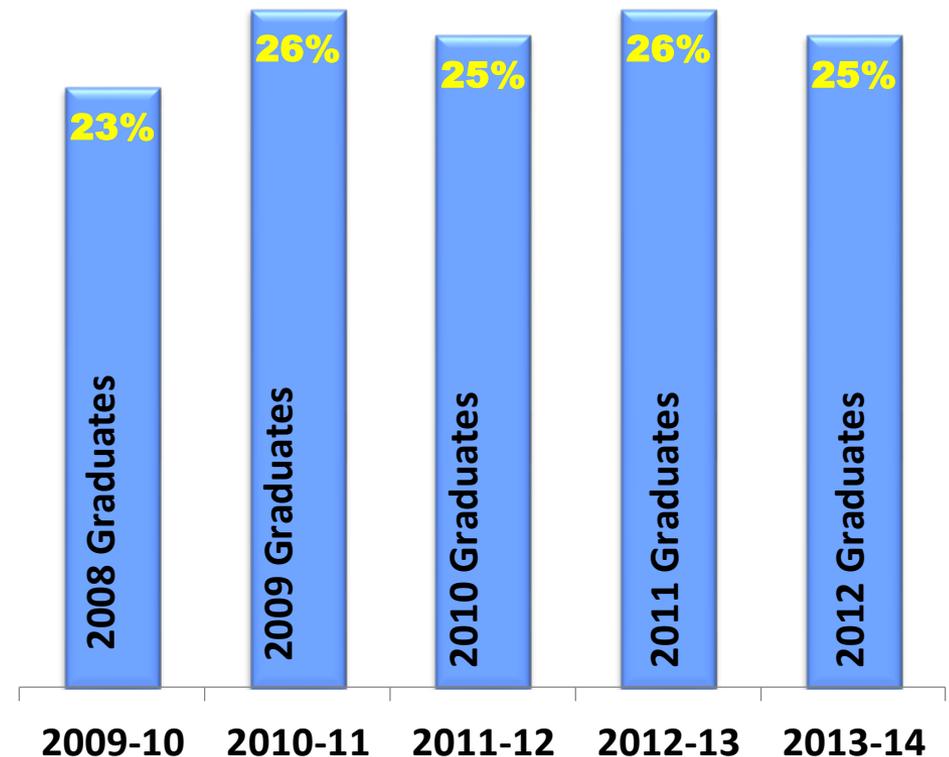
# Percentage of Individuals Served by KYAE with High School or GED® Diploma



# GED® Graduates Enrolling in Kentucky's Colleges and Universities\* within Two Academic Years

Of those who enrolled in postsecondary education by summer 2014:

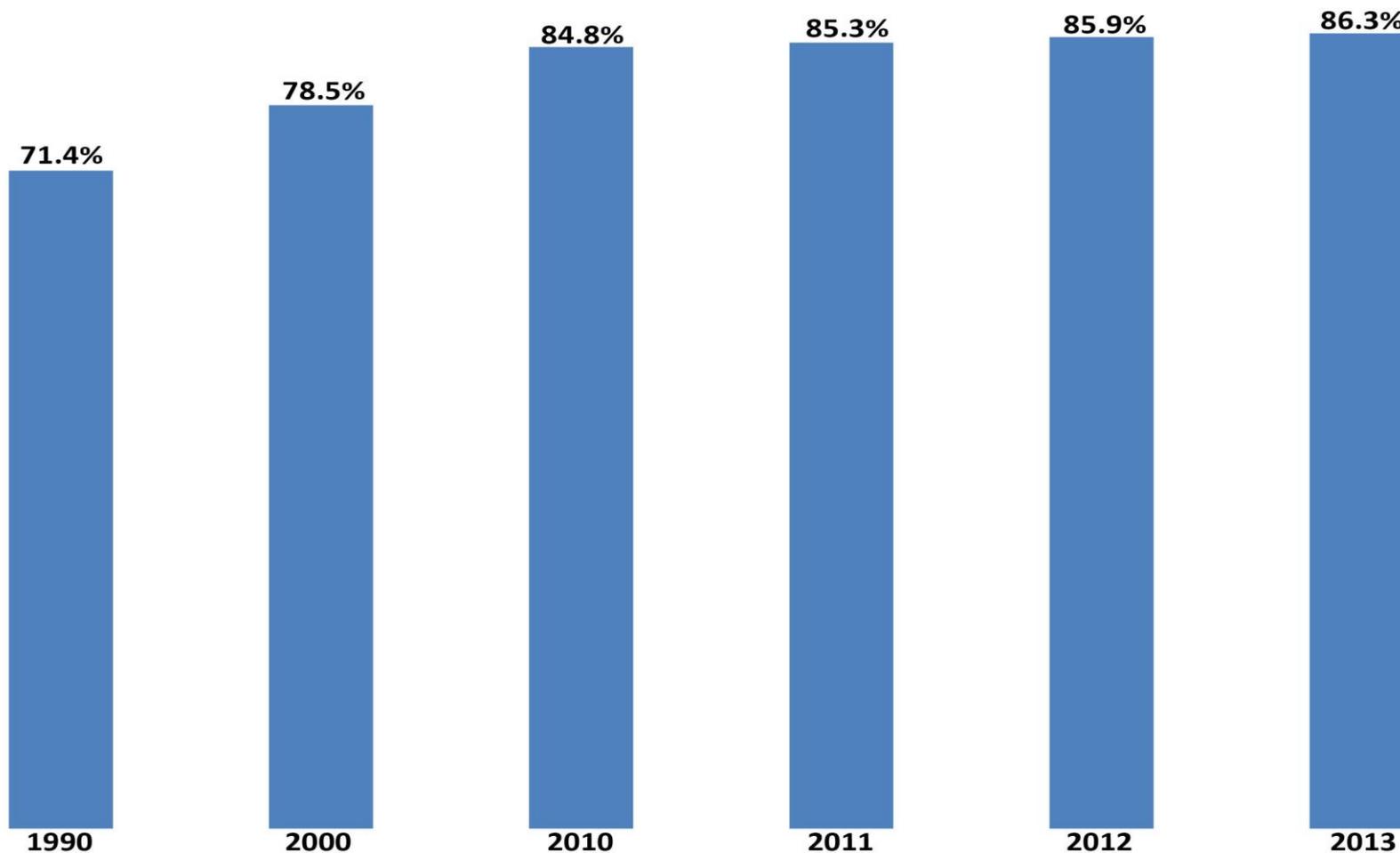
- **92% enrolled in KCTCS**
- **5% enrolled in a public four-year institution**
- **3% enrolled in an independent institution**



\* Kentucky's state-supported colleges and universities and the regionally accredited, non-profit, independent colleges and universities.



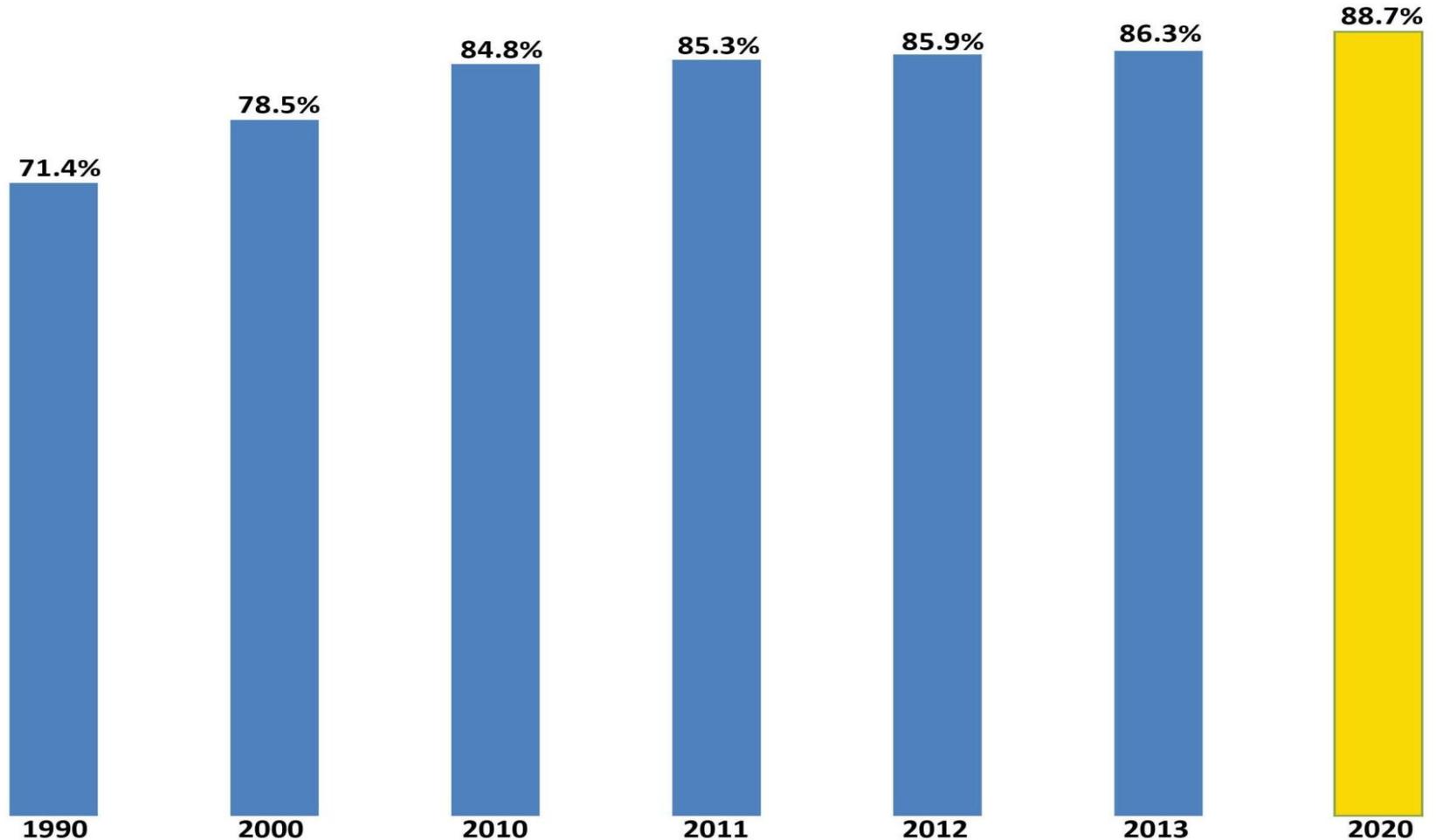
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Source: Census Data, 2000: ACS 5-years estimates, 2006-2010, 2007-2011, 2008-2012, and 2009-2013



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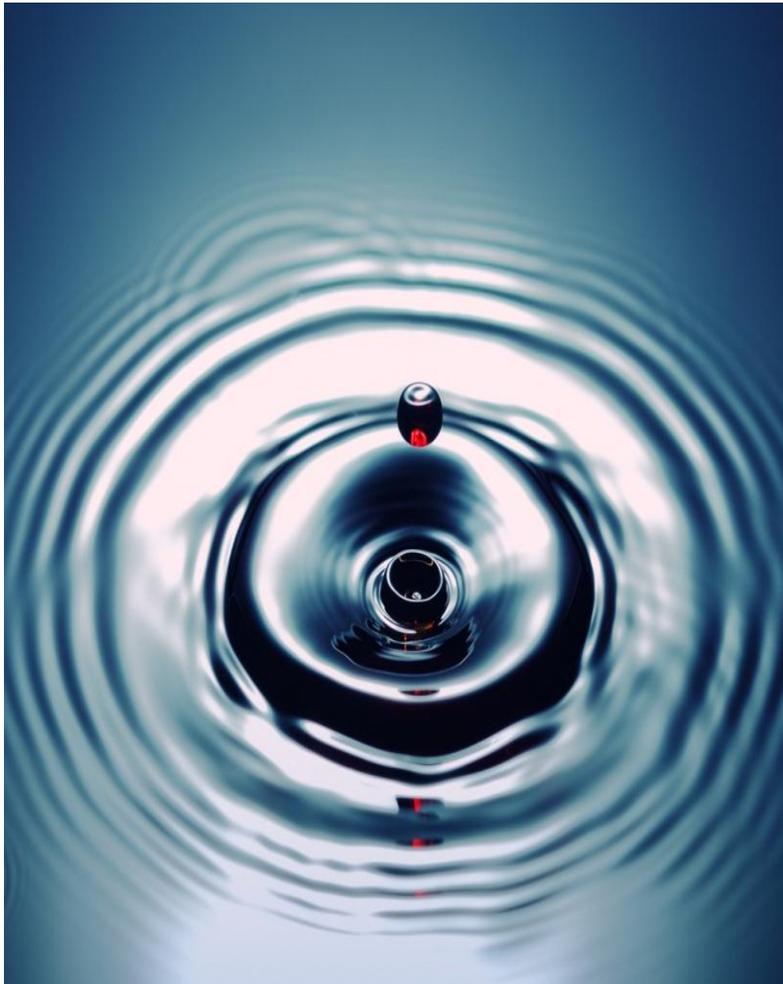


Source: Census Data, 2000: ACS 5-years estimates, 2006-2010, 2007-2011, 2008-2012, and 2009-2013



**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 GED® Test Introduction

- Depleted student **pipeline**



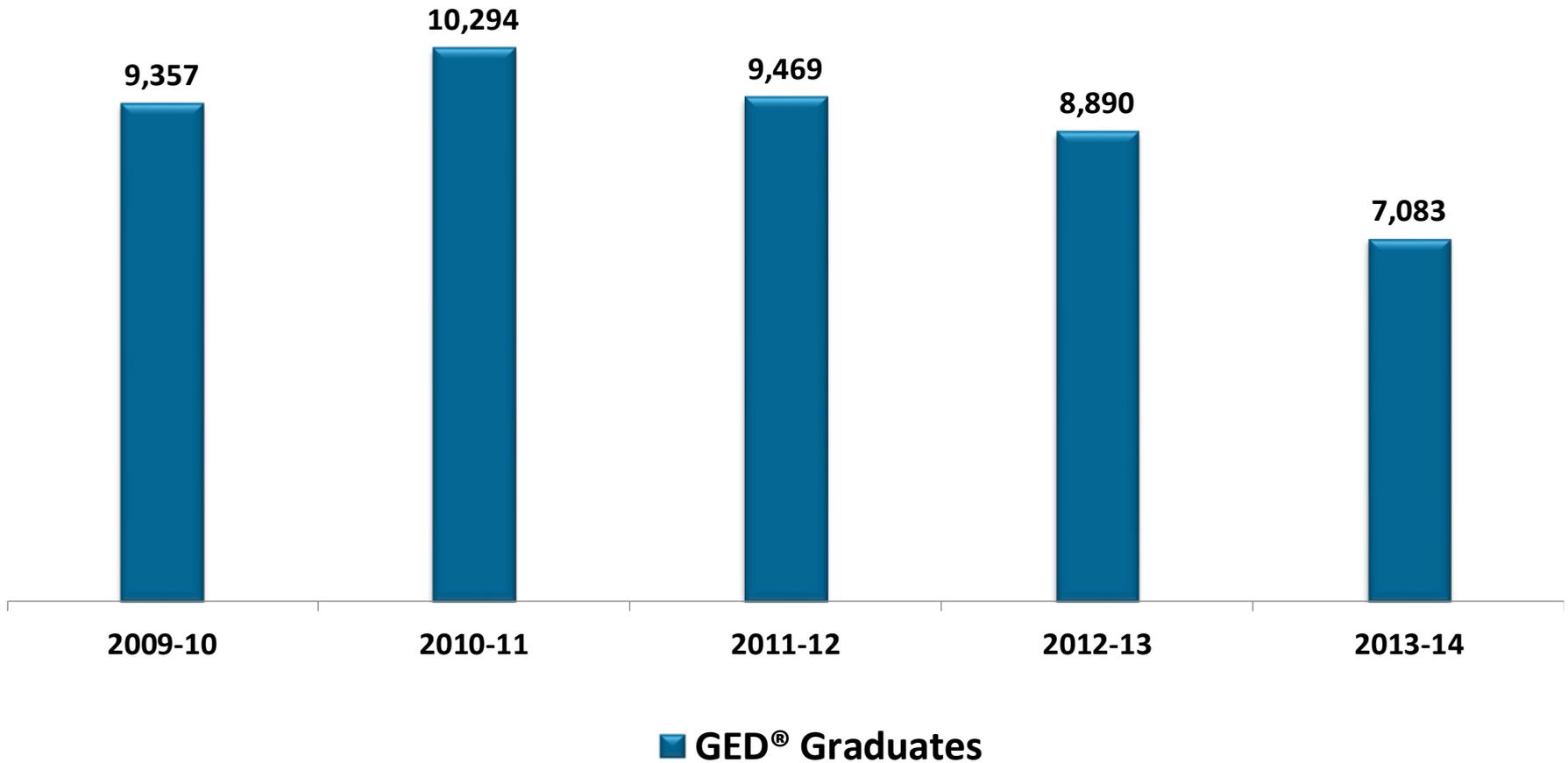
- Student **anxiety**



- Instructor **comfort**



# GED® Graduates 2010-14



# 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**

**=**



# 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<sup>®</sup> 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.**”

-- *“Graduating to College: Three States Helping Adult Education Students Get a College Education,” Working Poor Families Project.*

