Postsecondary Education Overview

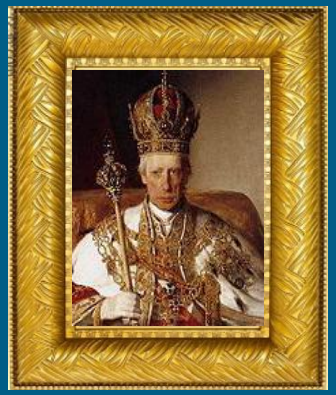
for West Kentucky Community & Technical College

Presentation by Robert L. King
CPE President
March 18, 2011

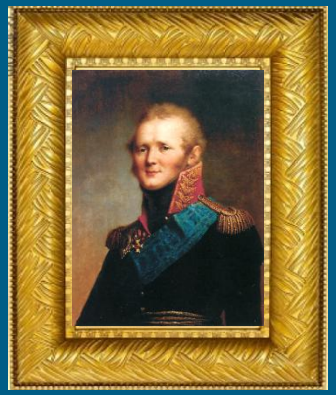
KENTUCKY COUNCIL ON POSTSECONDARY EDUCATION

Imagine a G-8 in 1820. Members would have included…

King George IV of England & Ruler of India



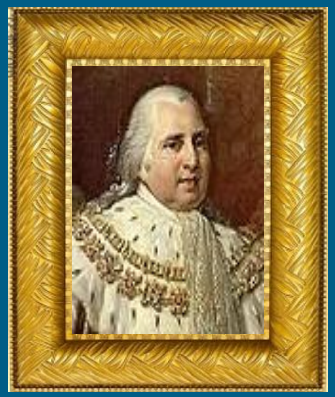
Emperor Francis I of Austria



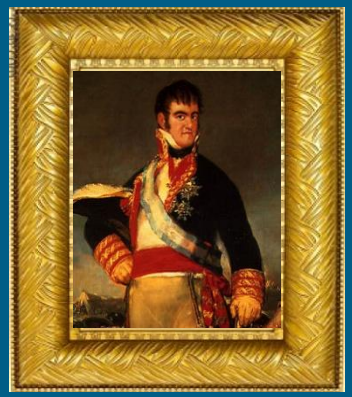
Tsar Alexander I of Russia

Emperor Jiaqing of China

Emperor Ninko of Japan



King Louis XVIII of France



King Ferdinand VII of Spain

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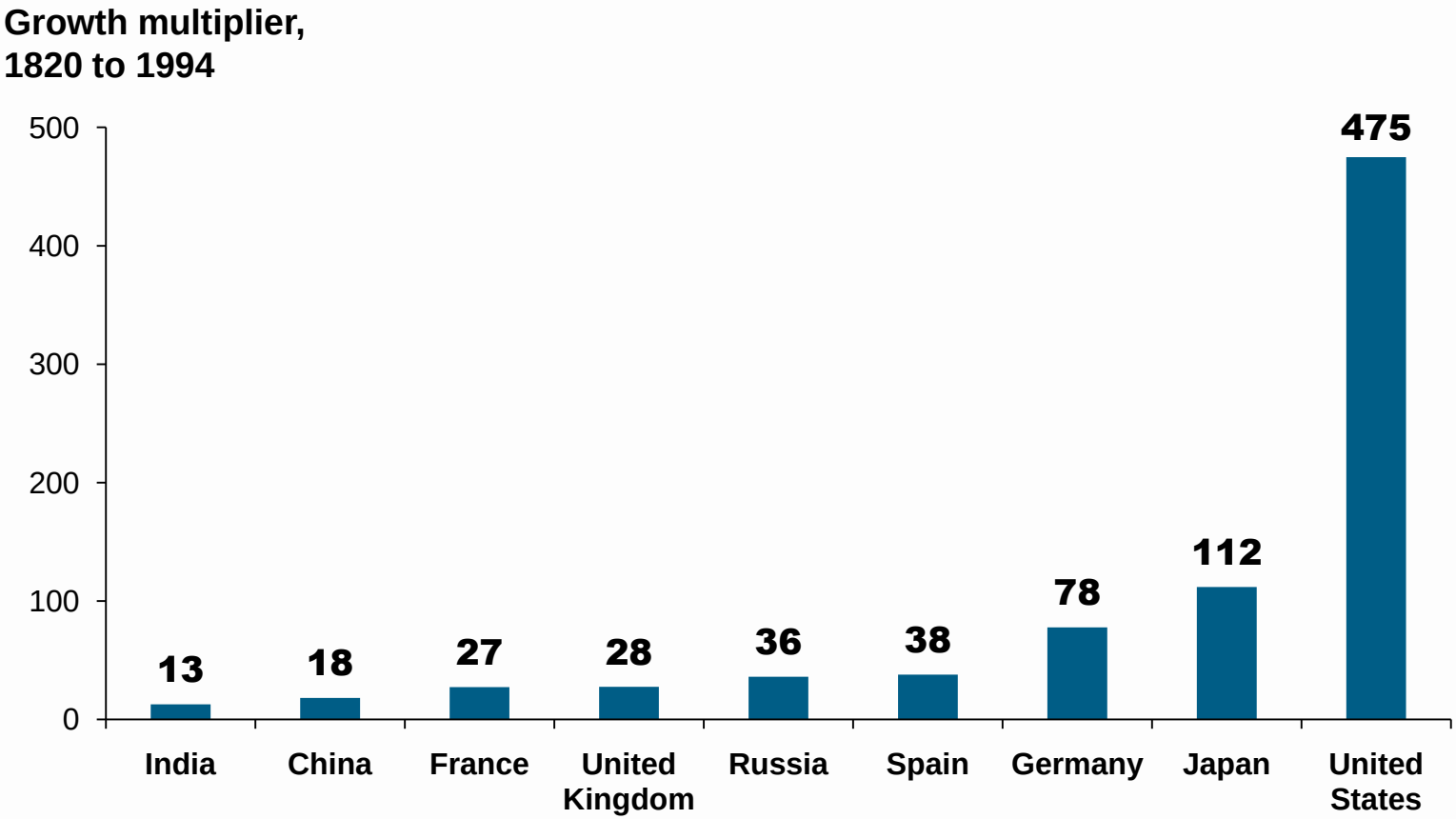
Growth of GDP from 1820 to 1994

in 1990 international (Geary-Khamis purchasing power parity) dollars



Source: Angus Madison, *Monitoring the World Economy*. OECD: Paris, 1995.

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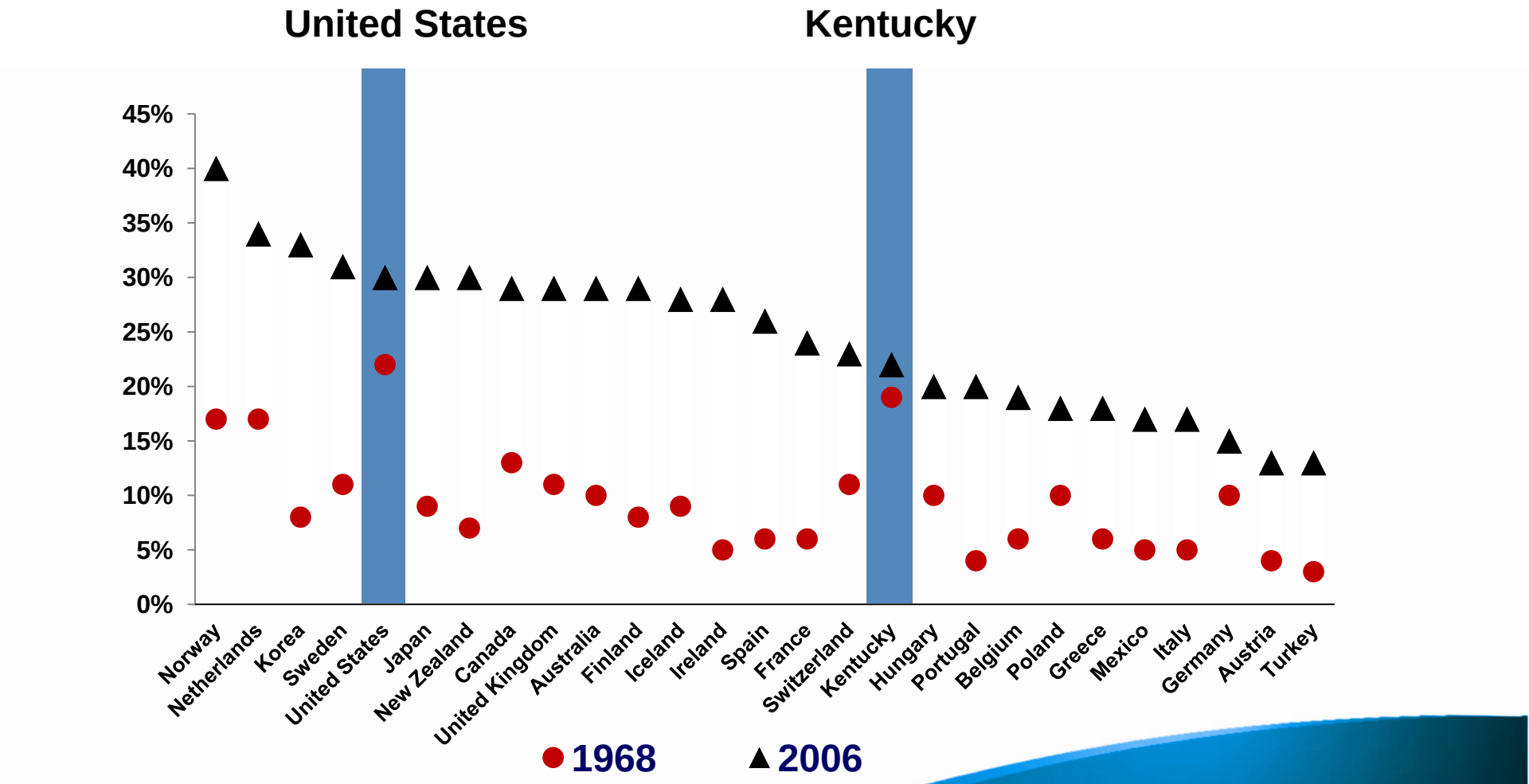
Three Principal Factors Led to the Growth of the U.S. Economy:

1. The U.S. embraced a free enterprise economy.
2. The U.S. made secondary education universal in the early 1900s.
3. The U.S. enacted legislation to expand access to higher education (e.g., Morrill Acts, G.I. Bill, Civil Rights Act, Pell Grant Program).

Human Capital Development

"The reason persistent growth is enabled by human capital formation is that human capital, unlike physical capital, has both the direct effect on the productivity of current labor and capital inputs, and an indirect effect on the production of more knowledge. A continuous accumulation of knowledge can thus lead to a self-sustaining growth in per capita income."

Baccalaureate Attainment, 25-34 Age Cohort, 1968 and 2006



Sources: OECD, *Education at a Glance 2008*, 1998 CPS and 2006 ACS

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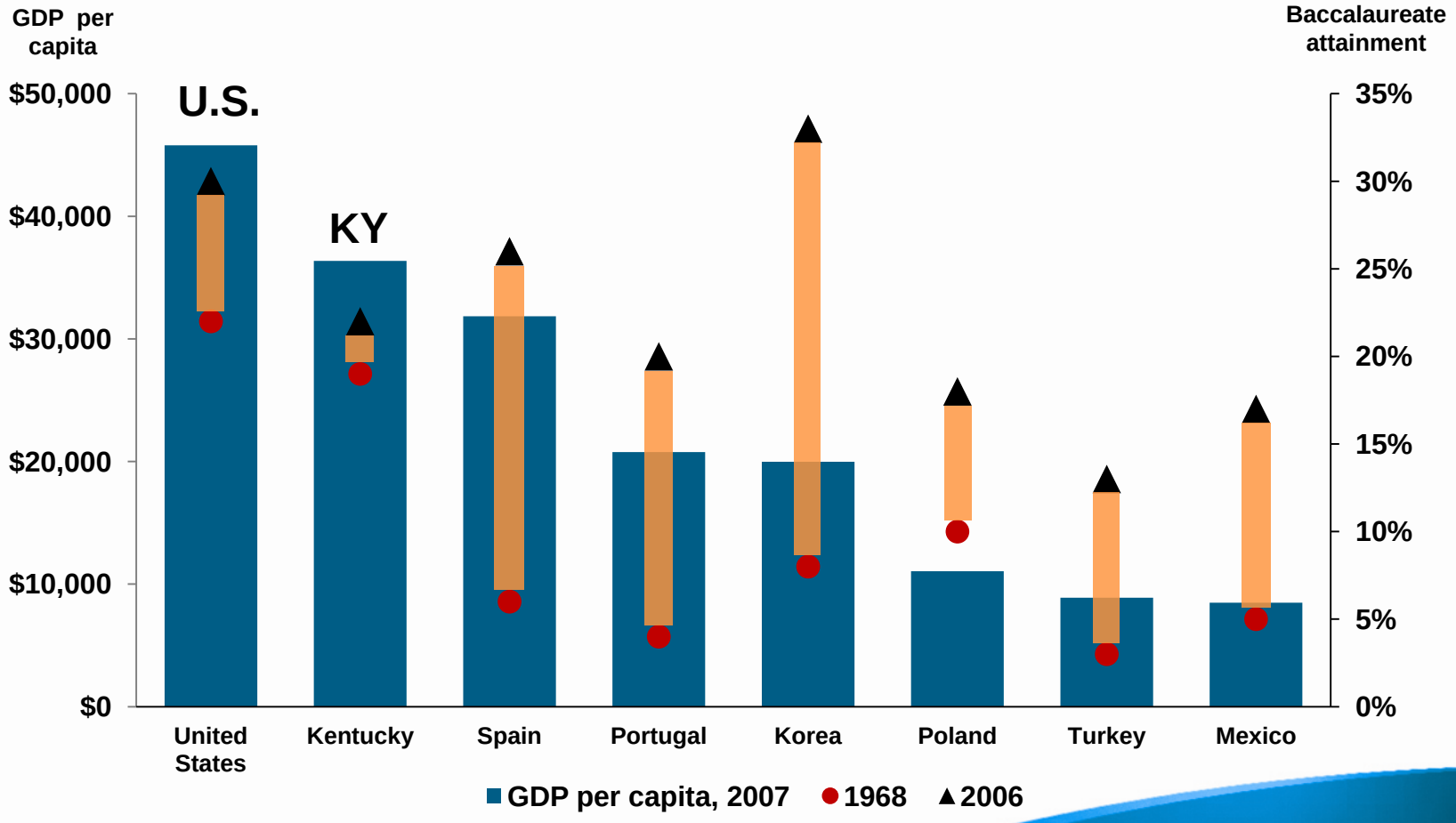
Baccalaureate Attainment, Age 25-34, 1968 and 2006, by GDP Per Capita, 2007



Sources: OECD, *Education at a Glance 2008*, 1998 CPS and 2006 ACS, World Bank , US Bureau of Economic Indicators

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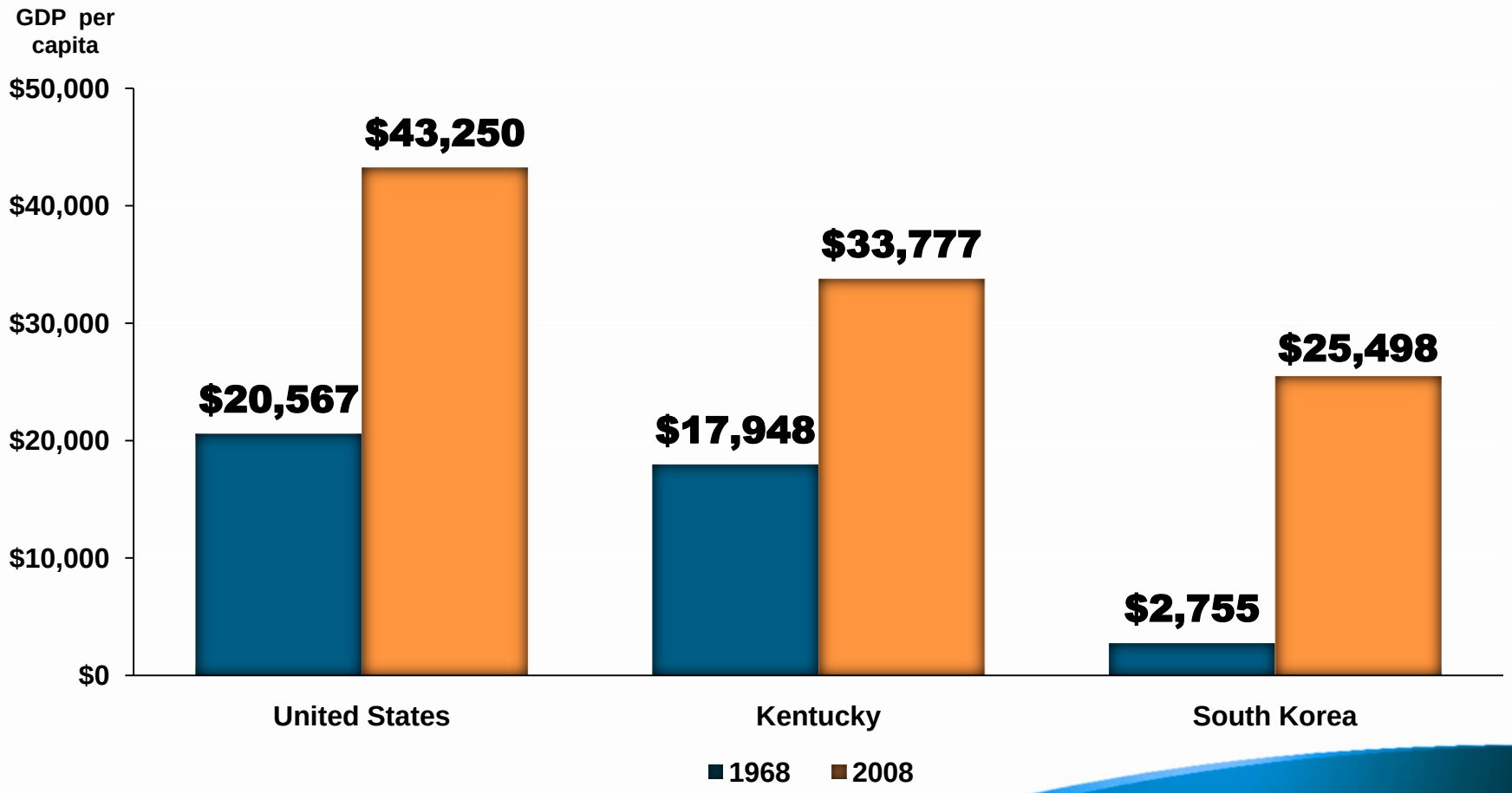
Gross Domestic Product (GDP) per Capita, 1968 & 2008

Inflation-adjusted 2005 Dollars



Sources: US Bureau of Labor Statistics, US Bureau of Economic Analysis, US Census Bureau, Kenneth Troske

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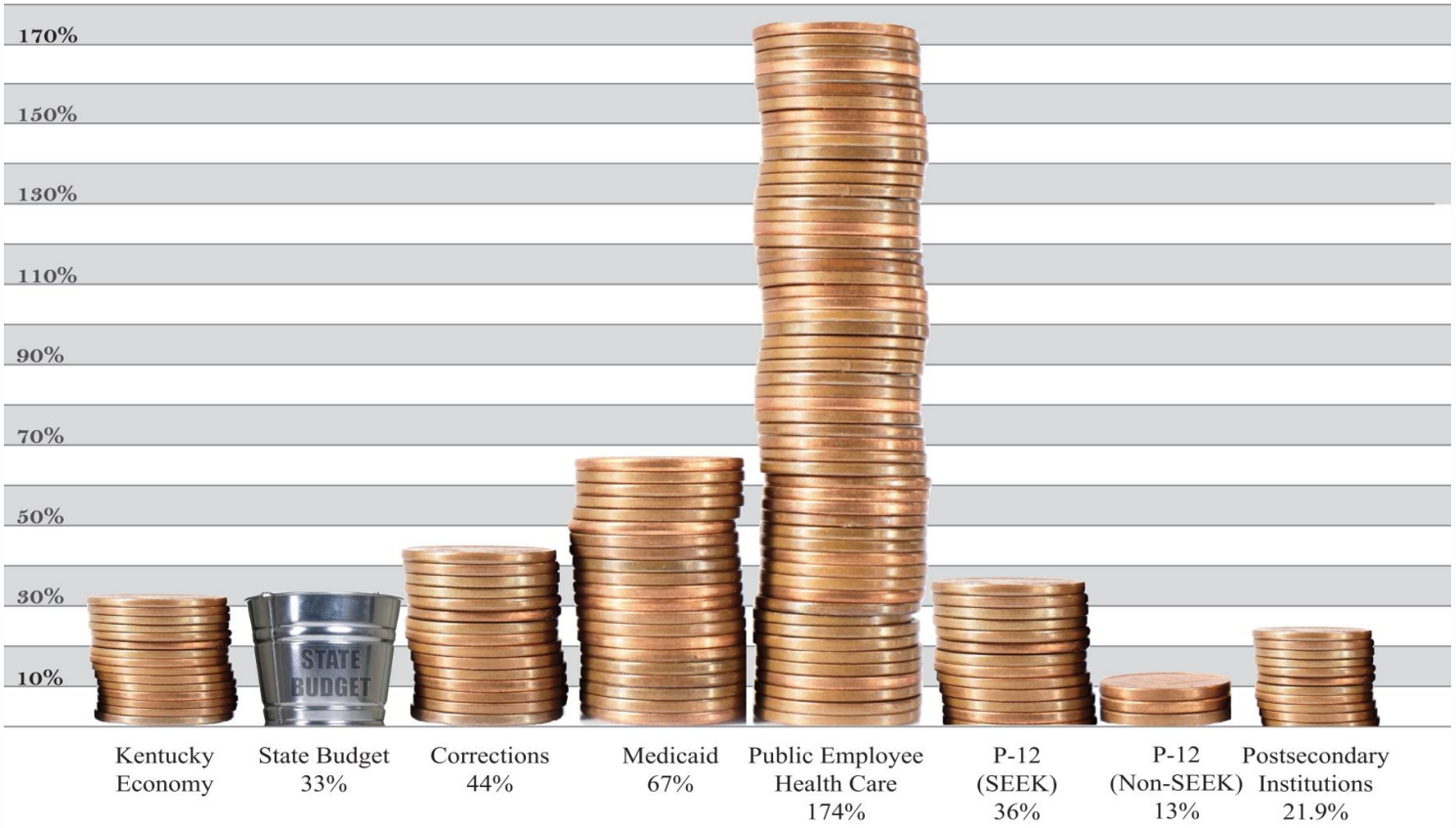
Changing Priorities: Spending Growth from 2000-2010



Source: Kentucky's "Leaky Bucket," Kentucky Chamber of Commerce, 2009

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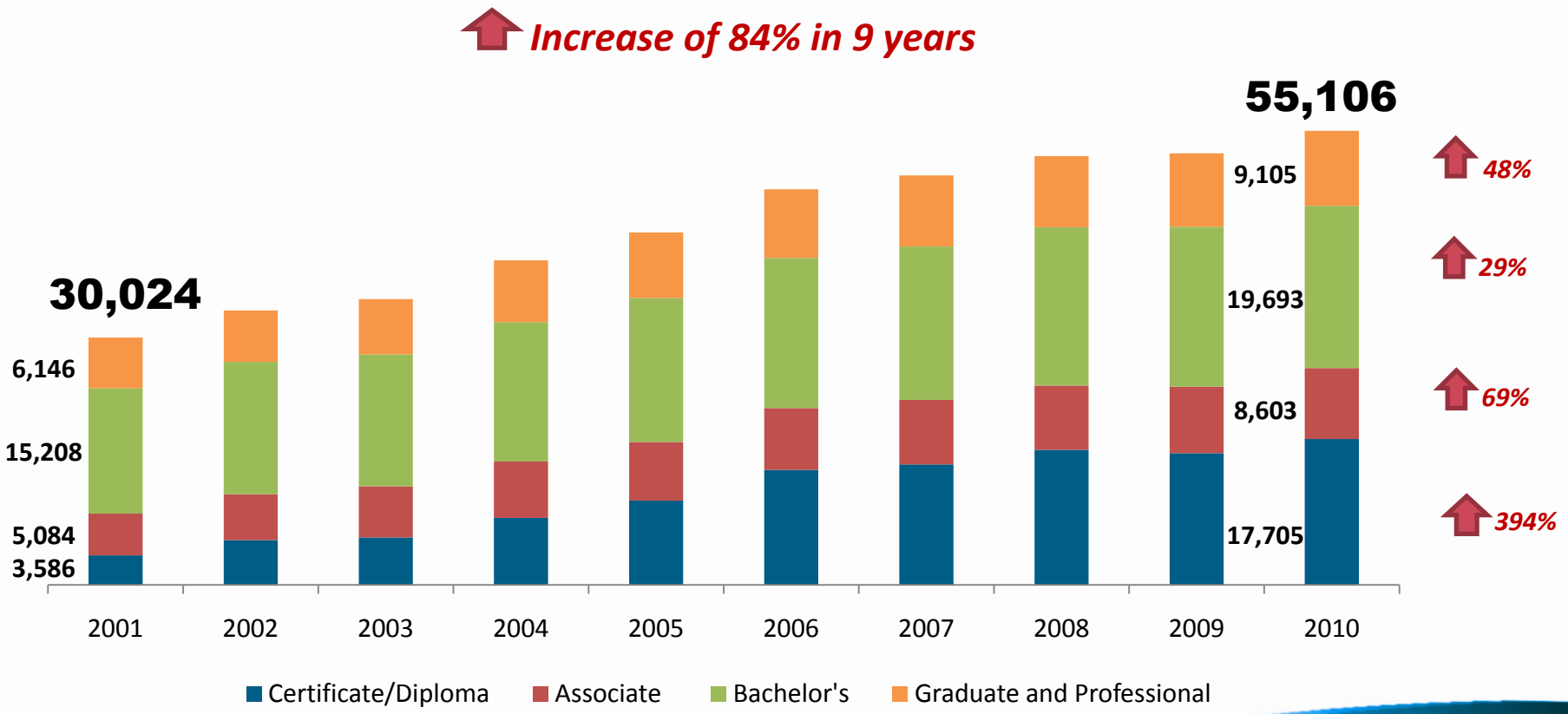
Total Degrees/Credentials Awarded, Public and AIKCU Institutions



Source: CPE Comprehensive Database, includes only public and AIKCU institutions

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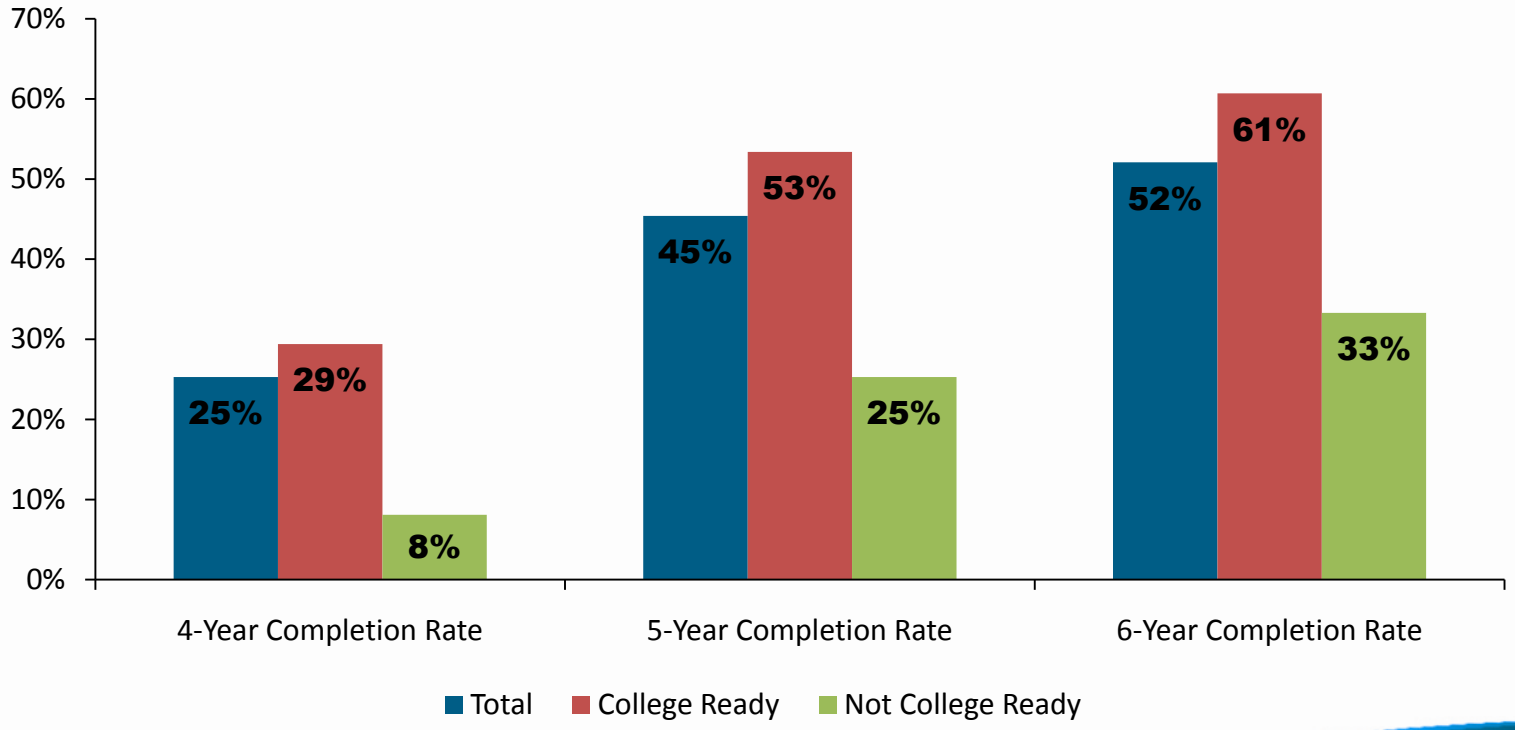
System Completion Rates

Bachelor's Students

System completion rates of full-time, first-time baccalaureate students who entered a KY public or independent university in 2003 and completed a bachelor's degree at any in-state public or independent institution, by college readiness at entry



Source: CPE Comprehensive Database

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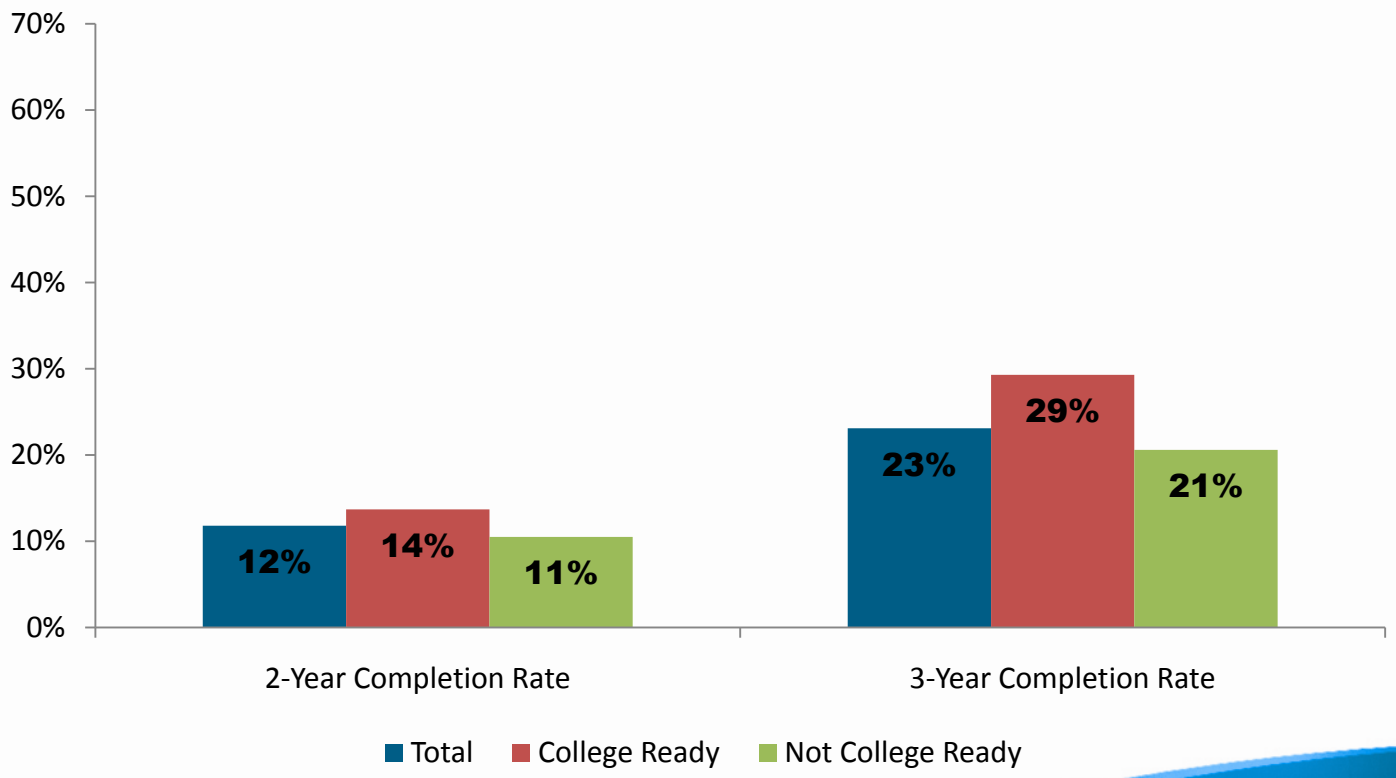
System Completion Rates

Associate Students

System-level completion rates of full-time associate students who entered the Kentucky Community and Technical College System (KCTCS) in 2006, by college readiness at entry



Source: CPE Comprehensive Database
Note: The cohort includes out-of-state and adult students, not just recent graduates of Kentucky high schools

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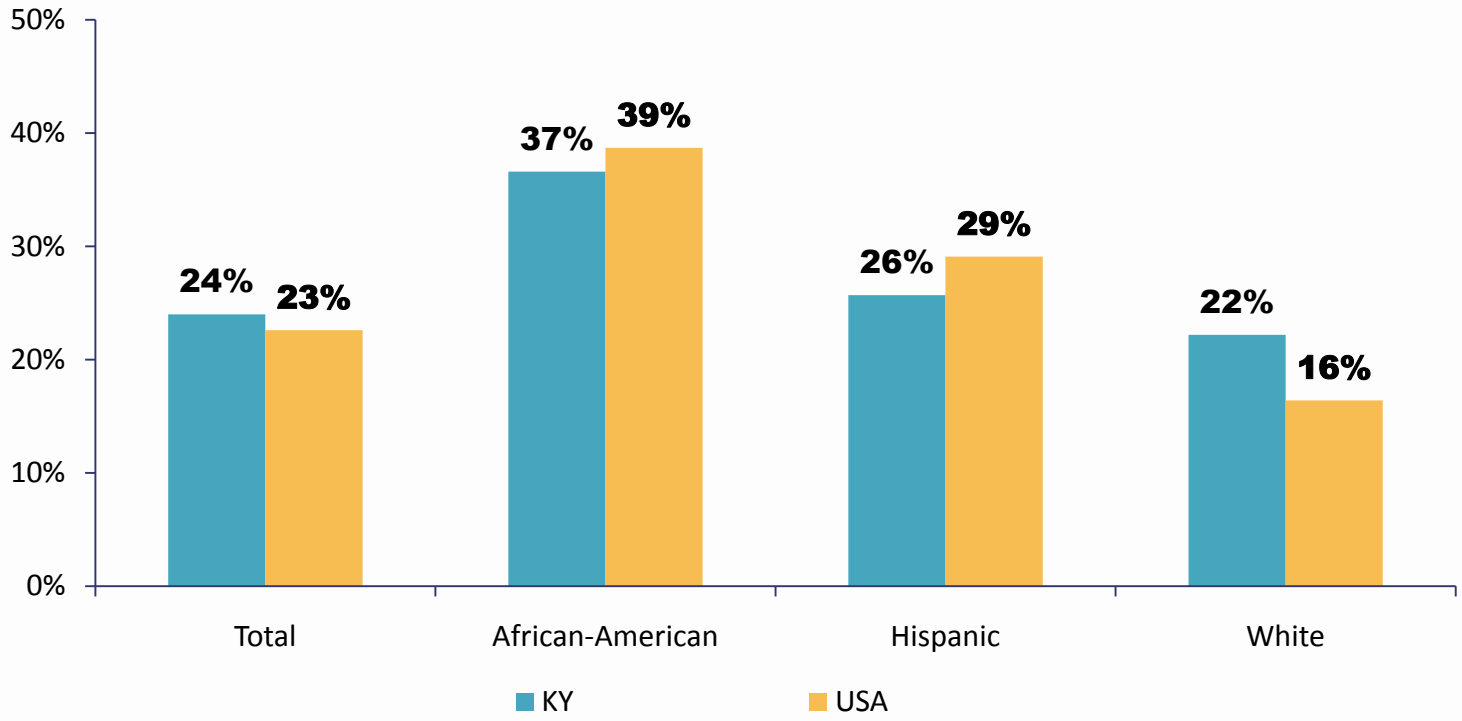
Armed Forces Qualification Test (AFQT) Ineligibility Rates, KY and US

Pooled results from 2004 to 2009 of KY test-takers under 21 with only a high school degree who sought to enter the Army, not other branches of the armed services



Source: Education Trust analysis of U.S. Army ASVAB data

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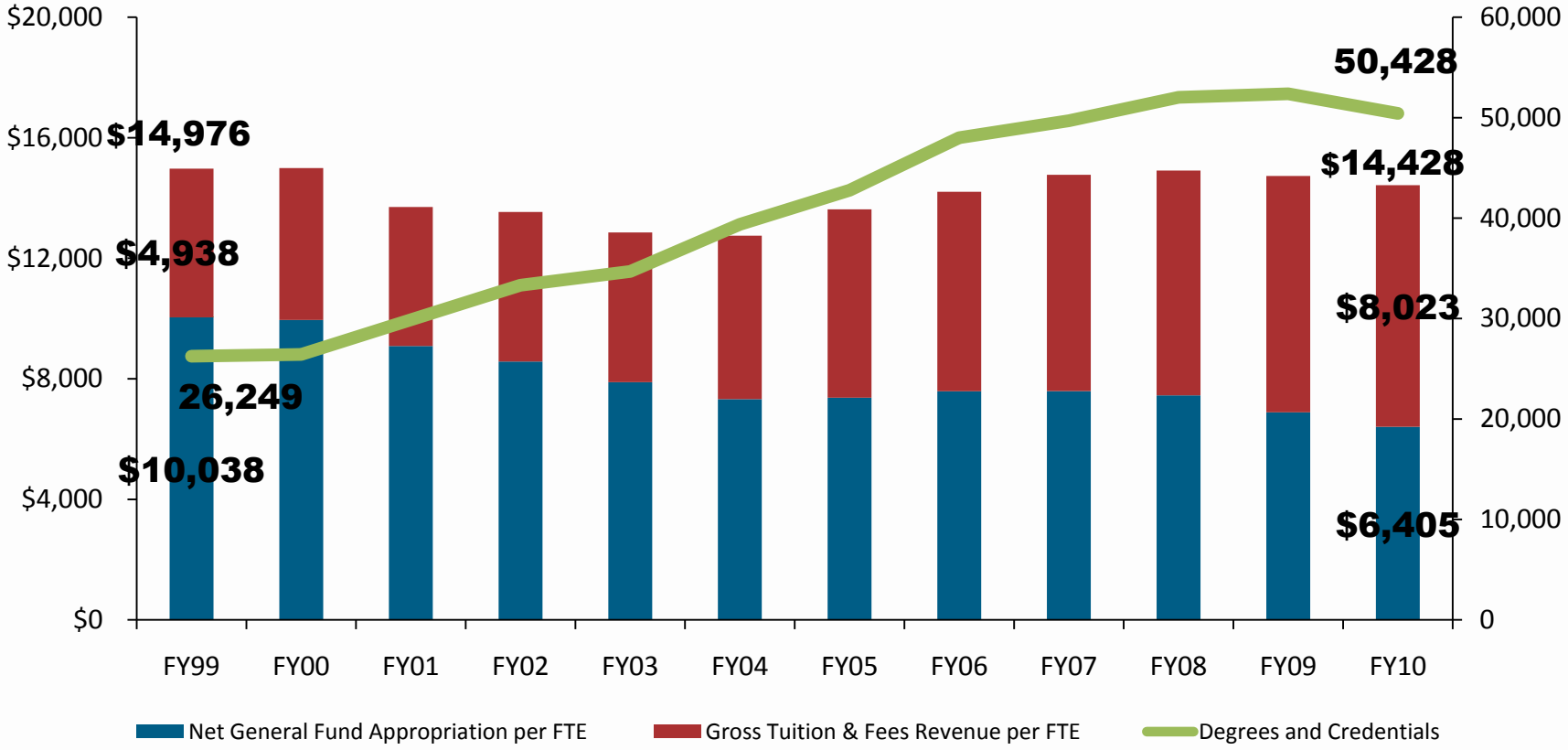
Total Public Funds per FTE (in constant $) and Degree/Credential Production



Source: CPE Comprehensive Database

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What is the High School Feedback Report?

Provides comparative information about Kentucky's 2008 senior class by school, district, and statewide. Each section overviews:

- High school performance
- College readiness
- ACT score distributions of college-going students
- Colleges and universities attended and college majors

Data for the West Kentucky Region

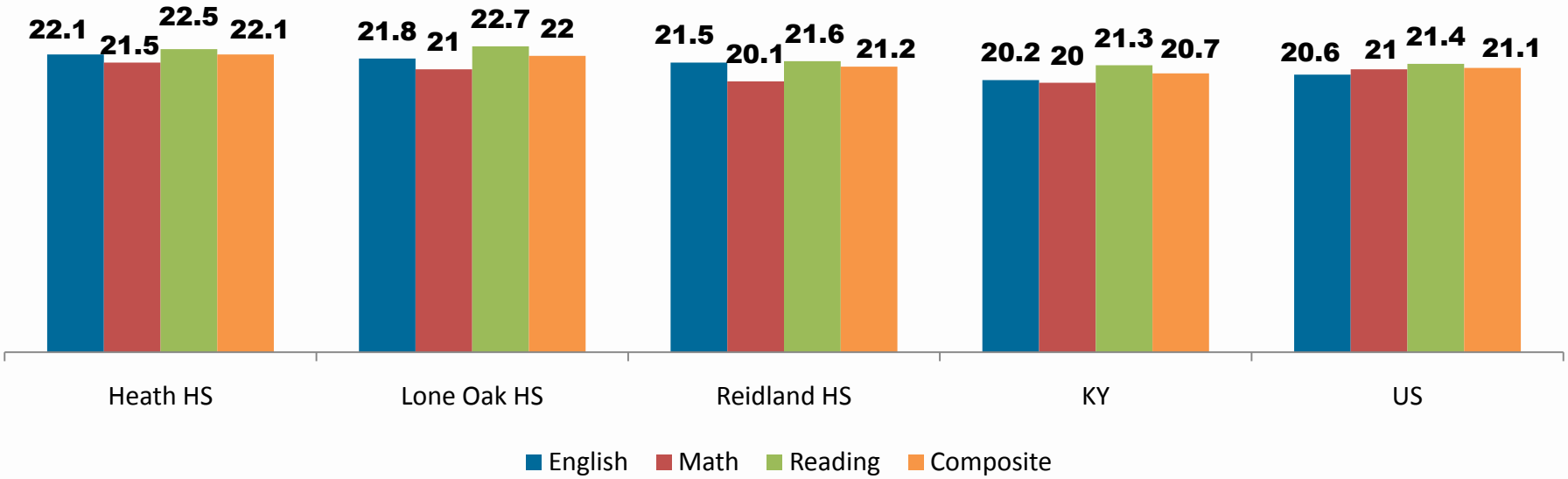
High School Performance

Highlights	West KY CTC Region (EBC)	Heath HS	Lone Oak HS	Reidland HS	KY
Number of H.S. Graduates	2,169	140	198	109	43,362
Average H.S. GPA	2.96	2.89	2.84	2.80	2.94
H.S. Graduation Rate	-	94.6%	91.2%	87.2%	84.5%
College-Going Rate	63.9%	64.3%	76.8%	69.7%	63%
Of Those Who Went to College:					
Percentage with Developmental Needs in One or More Subjects	29.5%	25.0%	33.3%	27.8%	38.2%
Percentage with Developmental Needs in English	13.6%	7.1%	19.8%	9.3%	21.8%
Percentage with Developmental Needs in Math	19.3%	12.5%	14.6%	24.1%	28.2%
Percentage with Developmental Needs in Reading	13.4%	12.5%	11.5%	9.3%	16.6%

Note: West Kentucky CTC's region (Enrollment Behavior Cluster) includes several other high schools not displayed here individually.

Source: 2008 High School Feedback Report

Average ACT Scores
By Subject & Composite



In 2008, college readiness benchmarks were 18 in English, 18 in math, and 18 in reading. The 2010 KY college readiness benchmarks are 18 in English, 19 in math, and 20 in reading.

Source: 2008 High School Feedback Report

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To access the full
High School Feedback Report, go to:
dataportal.cpe.ky.gov/hsfr.shtm

Kentucky's 2011-15 Strategic Agenda for Postsecondary Education

Four Areas of Focus

- College Readiness
- Student Success
- Research, Economic , & Community Development
- Efficiency & Innovation

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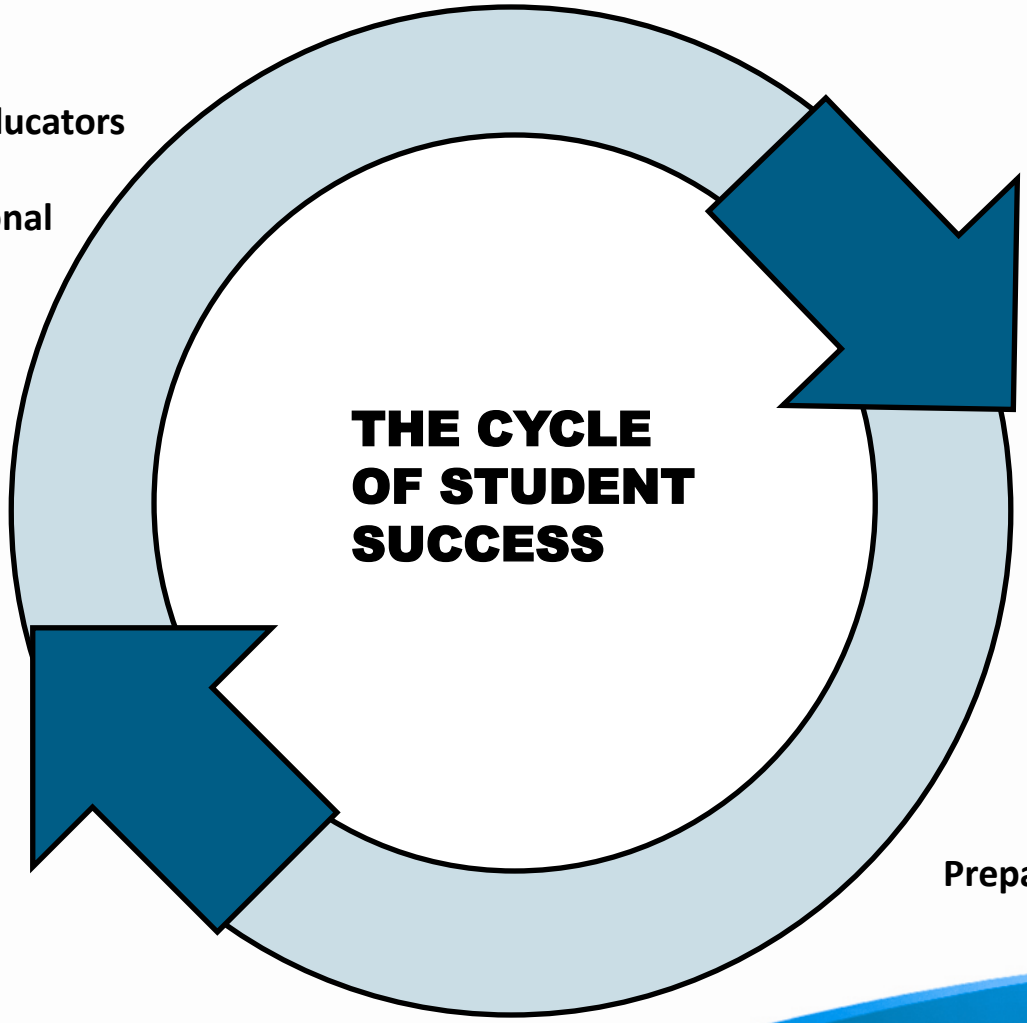
WE ALL OWN THE CHALLENGE

- Highly Effective Educators
- Quality Research
- Effective Professional Development



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