STRONGER by DEGREES

A STRATEGIC AGENDA
for Kentucky Postsecondary and Adult Education

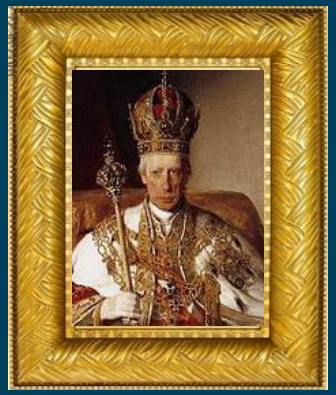
KENTUCKY COUNCIL ON POSTSECONDARY EDUCATION

A Presentation to Owensboro Chamber of Commerce
Robert L. King, CPE President
October 6, 2011

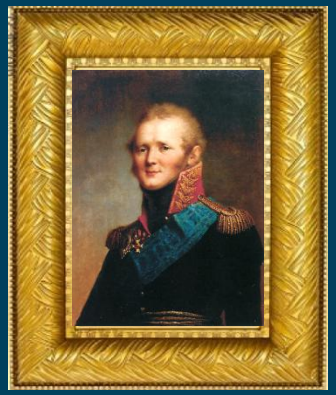
Kentucky Council on Postsecondary Education

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

King George IV of England & Ruler of India



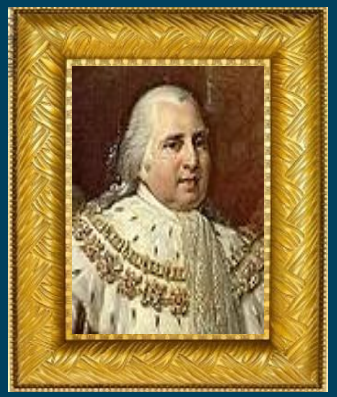
Emperor Francis I of Austria



Tsar Alexander I of Russia

Emperor Jiaqing of China

Emperor Ninko of Japan

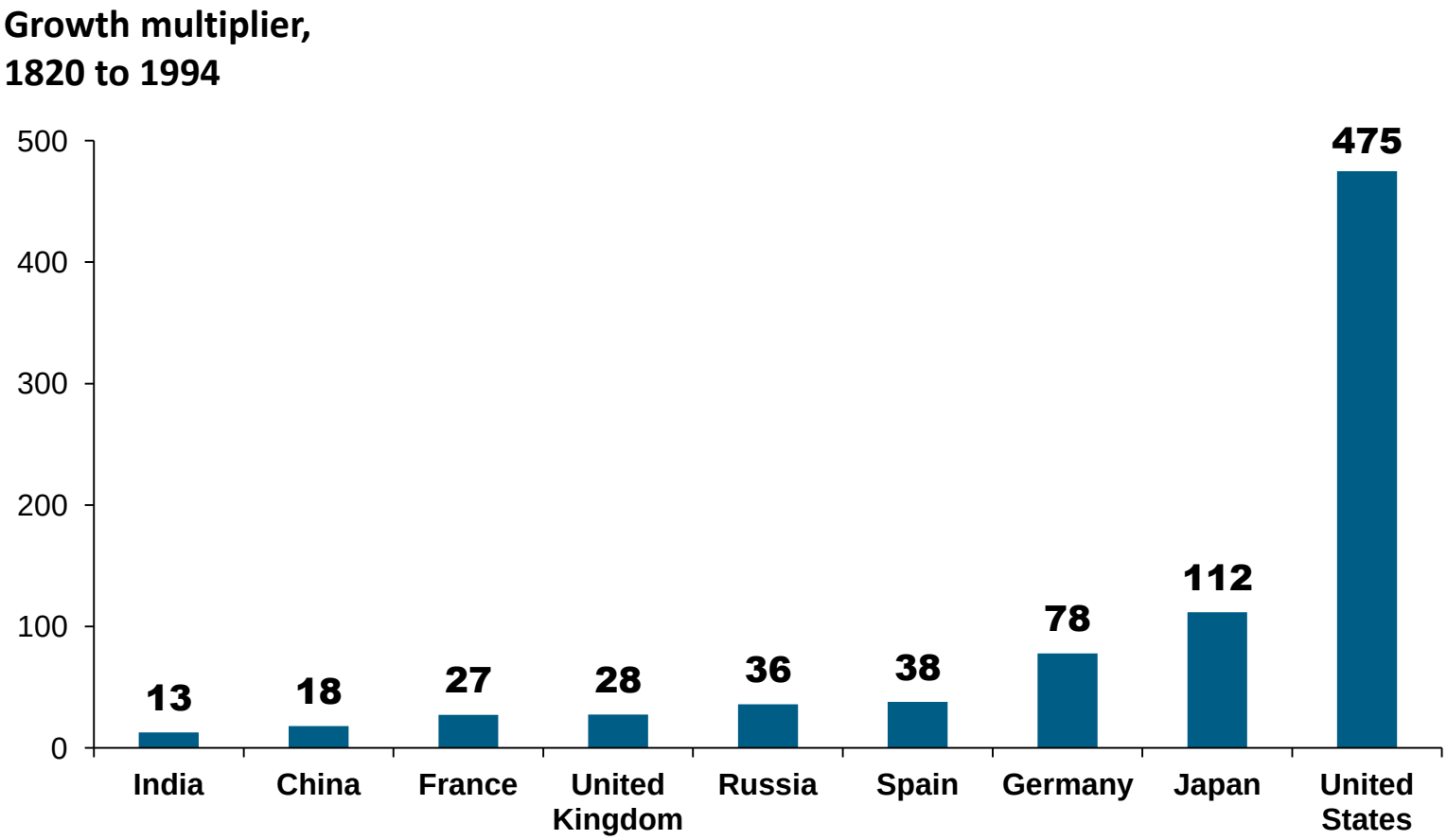


King Louis XVIII of France

King Ferdinand VII of Spain

Growth of GDP from 1820 to 1994

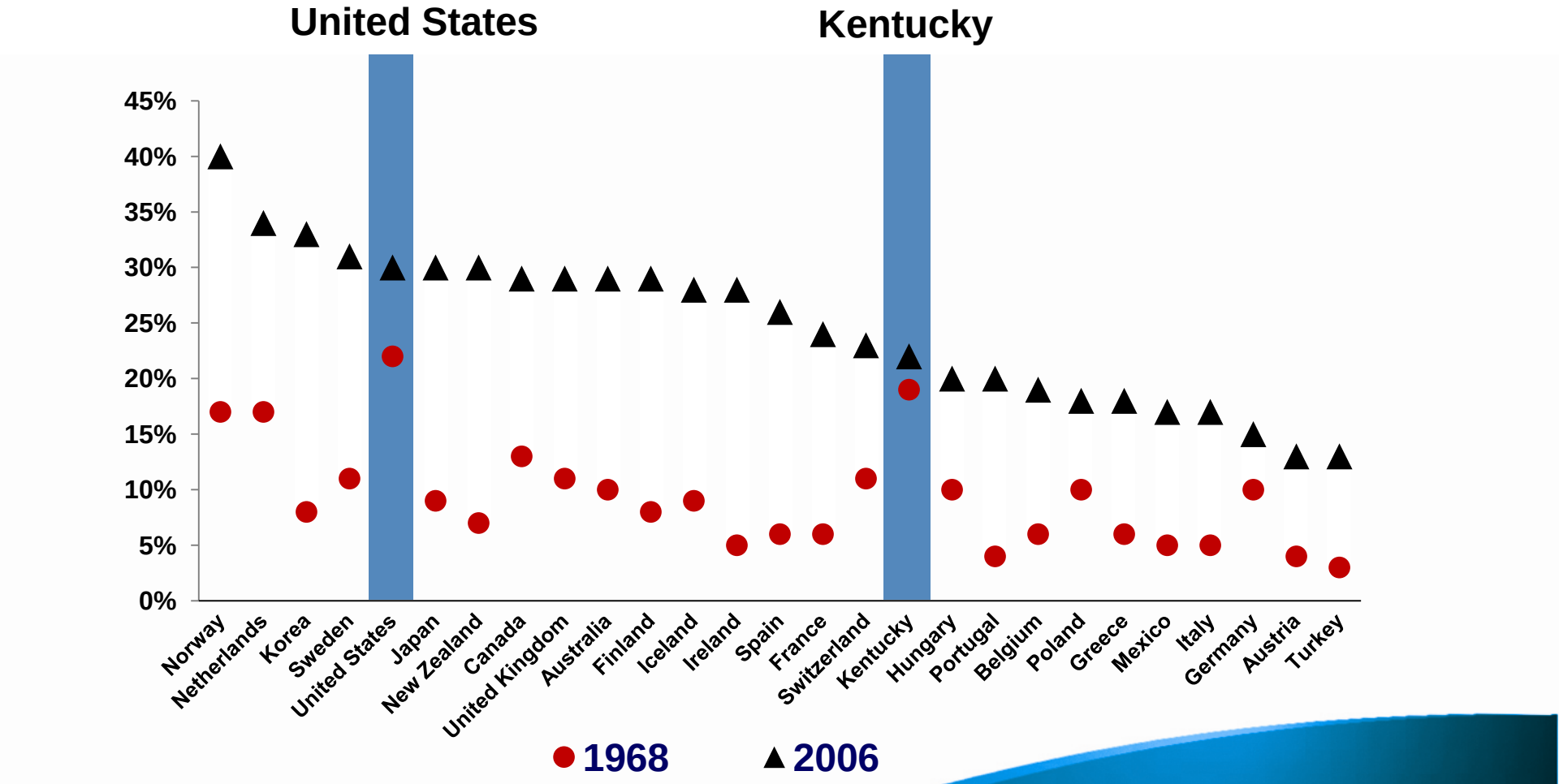
in 1990 international (Geary-Khamis purchasing power parity) dollars



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

Baccalaureate Attainment, 25-34 Age Cohort

1968 and 2006

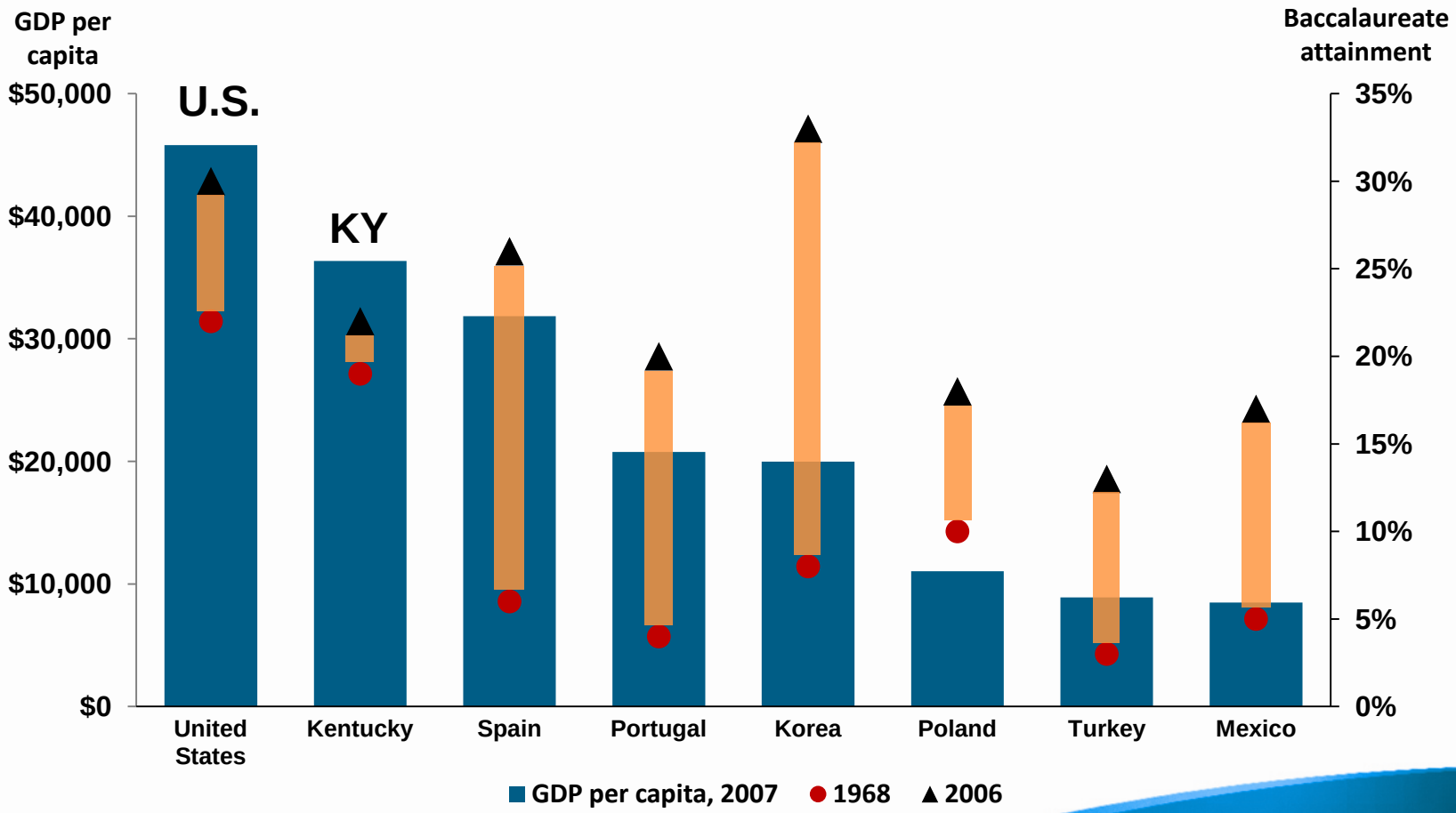


Sources: OECD, *Education at a Glance 2008*, 1998 CPS and 2006 ACS

Kentucky Council on Postsecondary Education

Baccalaureate Attainment, Age 25-34

1968 and 2006, by GDP Per Capita, 2007

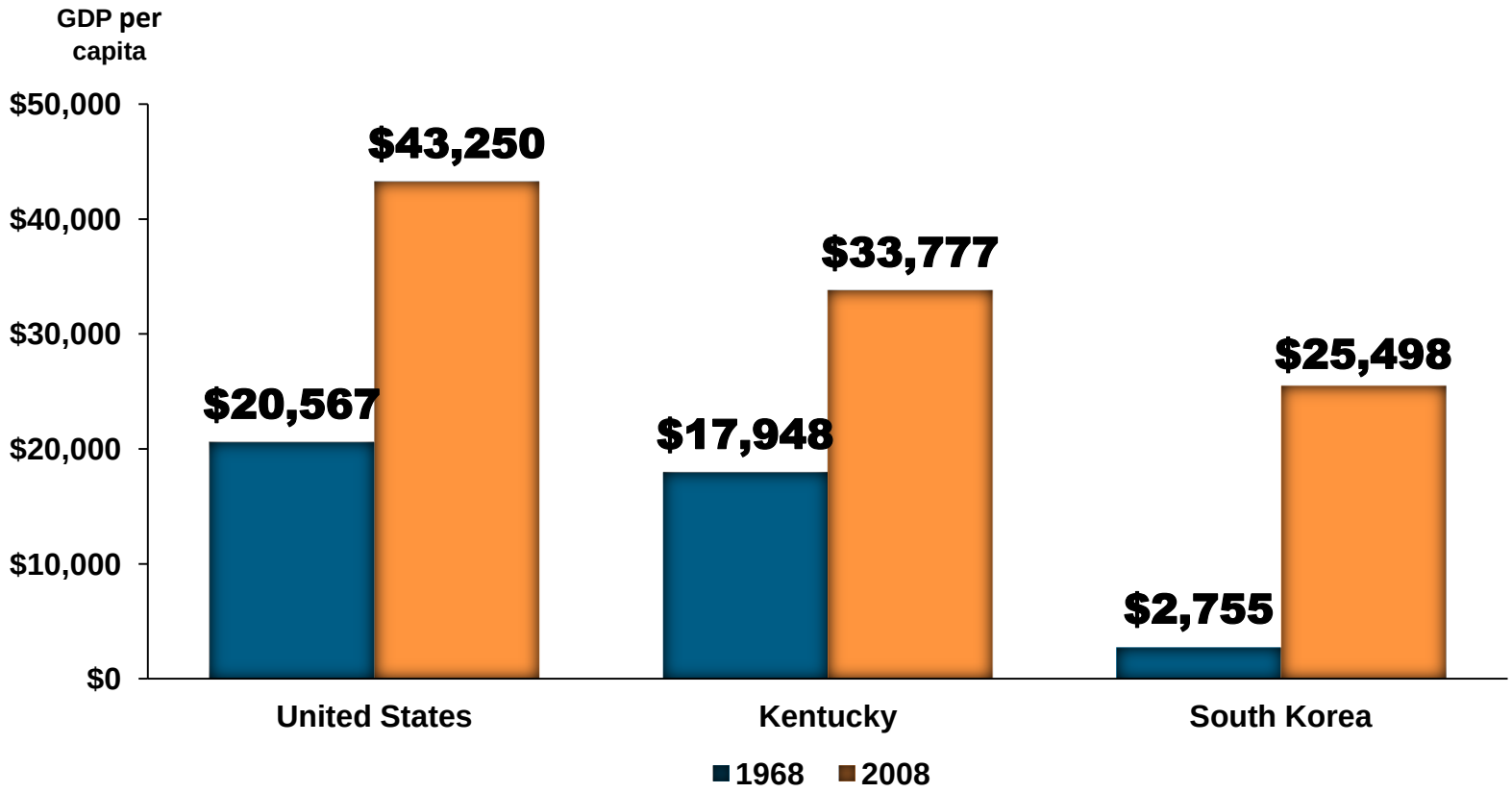


Sources: OECD, *Education at a Glance 2008*, 1998 CPS and 2006 ACS, World Bank , US Bureau of Economic Indicators

Kentucky Council on Postsecondary Education

Gross Domestic Product (GDP) per Capita 1968 & 2008

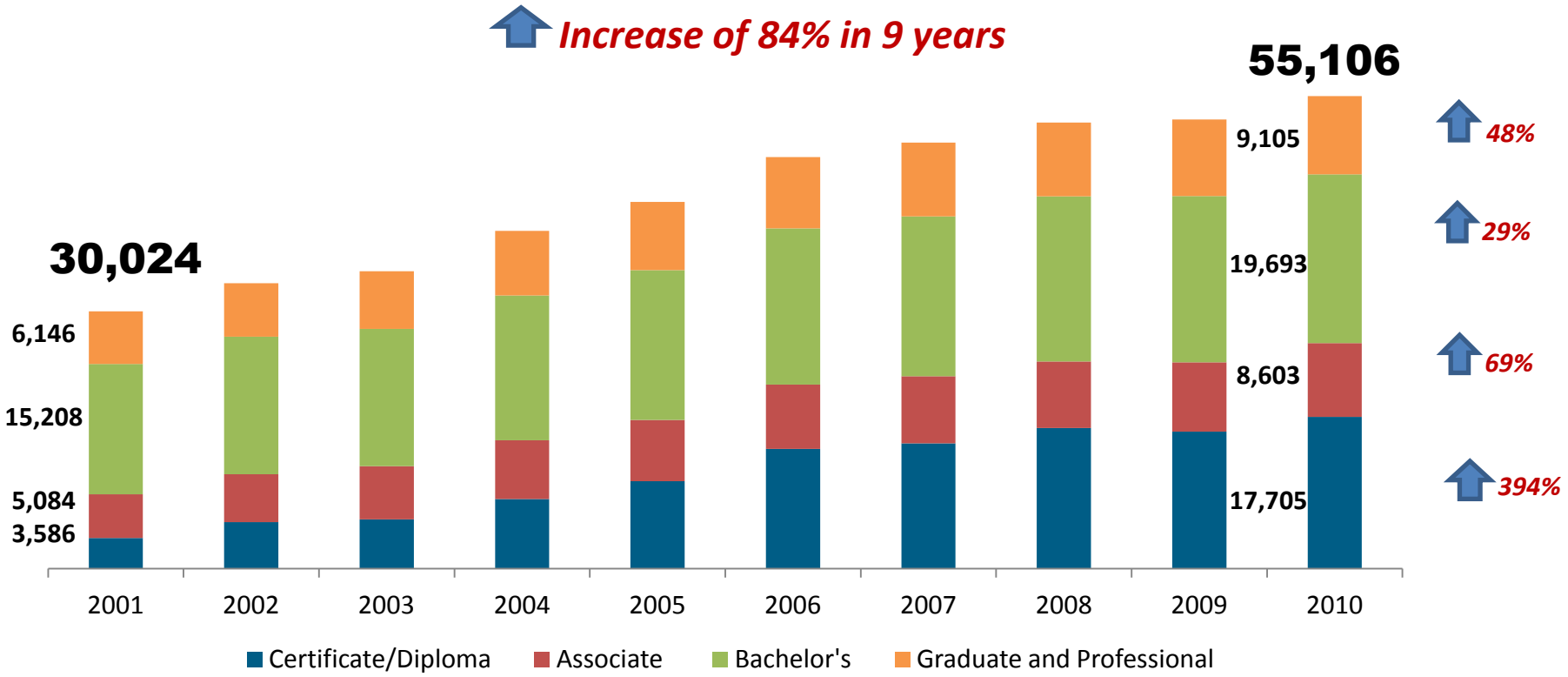
Inflation-adjusted 2005 Dollars



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

Total Degrees/Credentials Awarded, Public and AIKCU Institutions

Public Institutions



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

Kentucky commissioned NCHEMS to produce a report to gauge progress since HB 1 and determine gains needed from now to 2020 to realize Kentucky's educational attainment and degree production goals.

The rate of improvement in KY between 2000-2009 leads the nation

#1 Adults (25-64) With a College Degree (Associate and Higher)

#1 6-Year Graduation Rates at 4-Year Institutions (Public and Private)

#1 Undergraduate Credentials Awarded per 1,000 18 to 44 Year Olds with No College Degree

The rate of improvement in KY between 2000-2009 leads the nation

#2 Adults (25-44) With a College Degree (Associate and Higher)

#3 3-Year Graduation Rates at 2-Year Institutions (Public and Private)

#5 Undergraduate Credentials 1 Year or More in Length

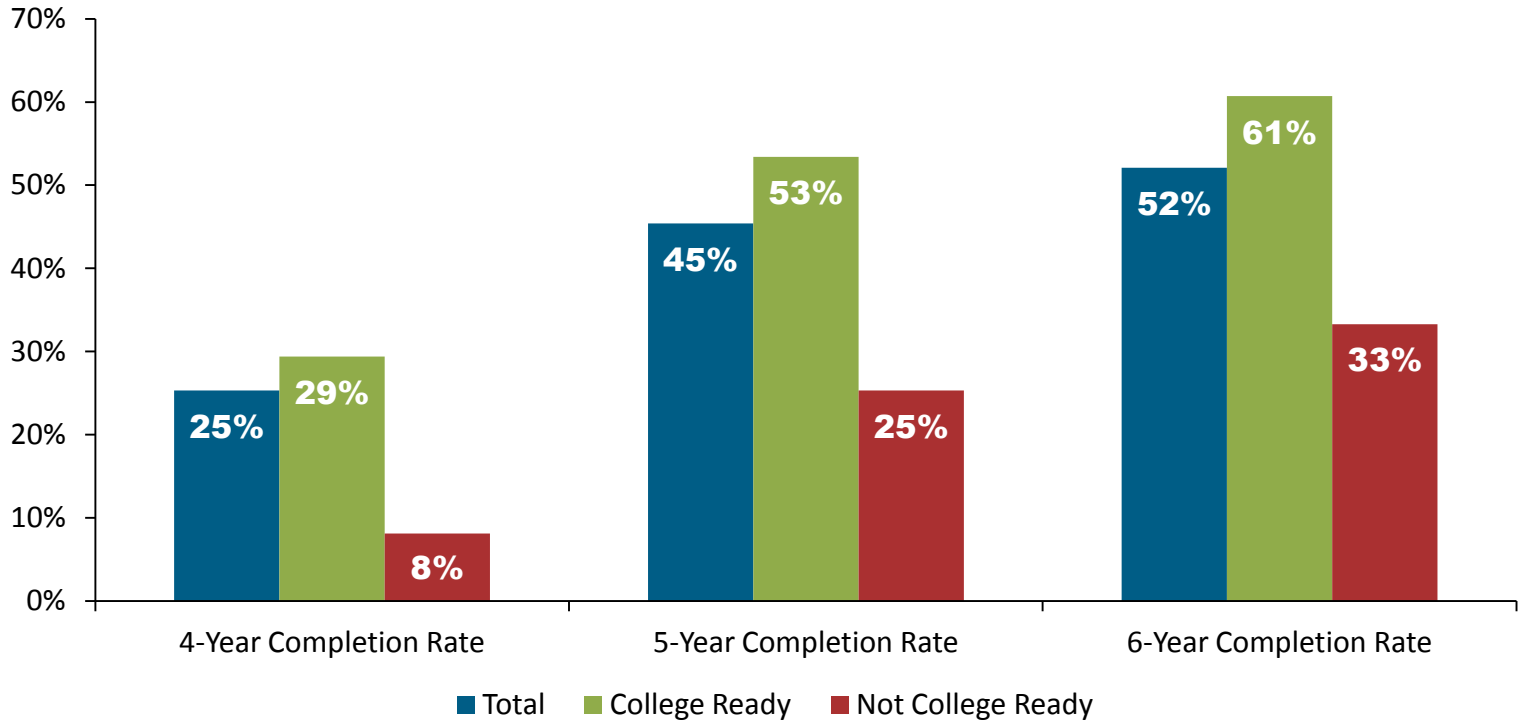
“For these measures of change, Kentucky is the only state in the U.S. that is ranked in the top 5 on each…Kentucky’s across-the-board success on all of them points to the likelihood that the reform efforts are indeed paying off.”

-NCHEMS Report, Sept. 6, 2011

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

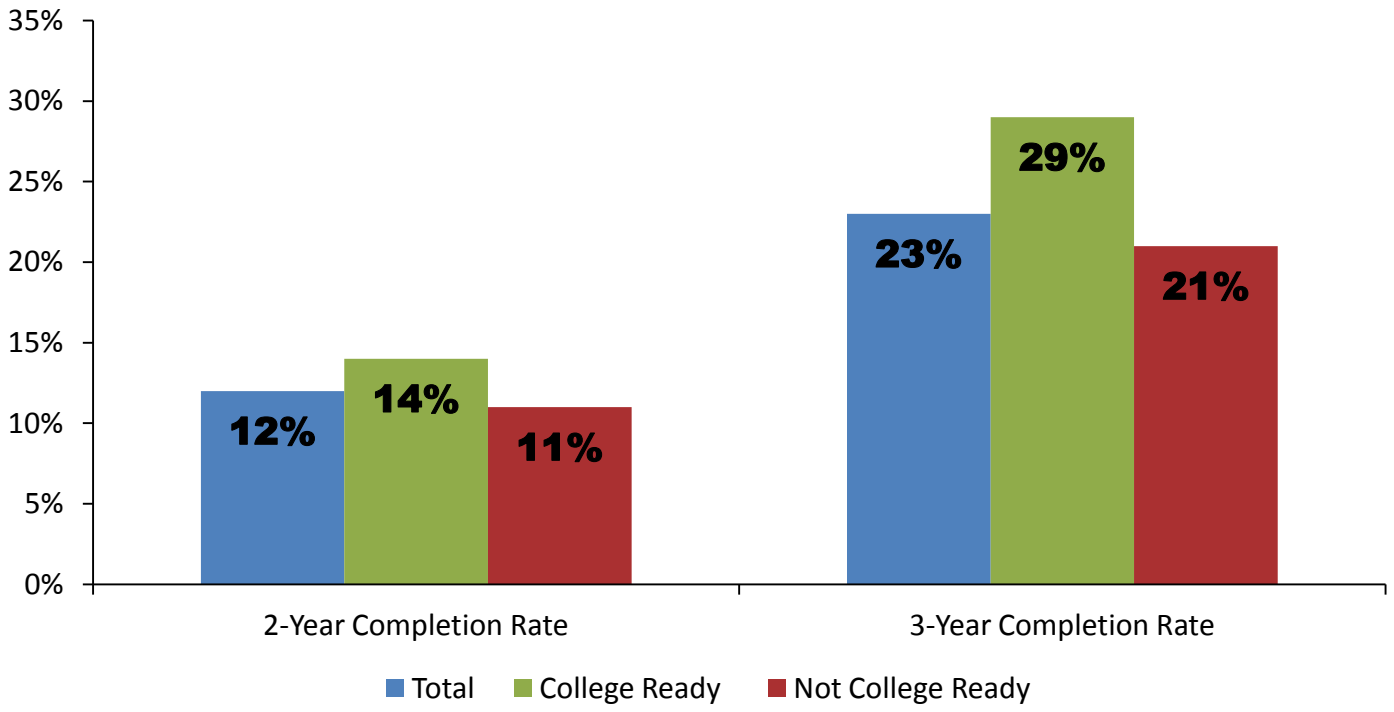


Source: CPE Comprehensive Database

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

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 Daviess County and Owensboro Independent High Schools

High School Performance

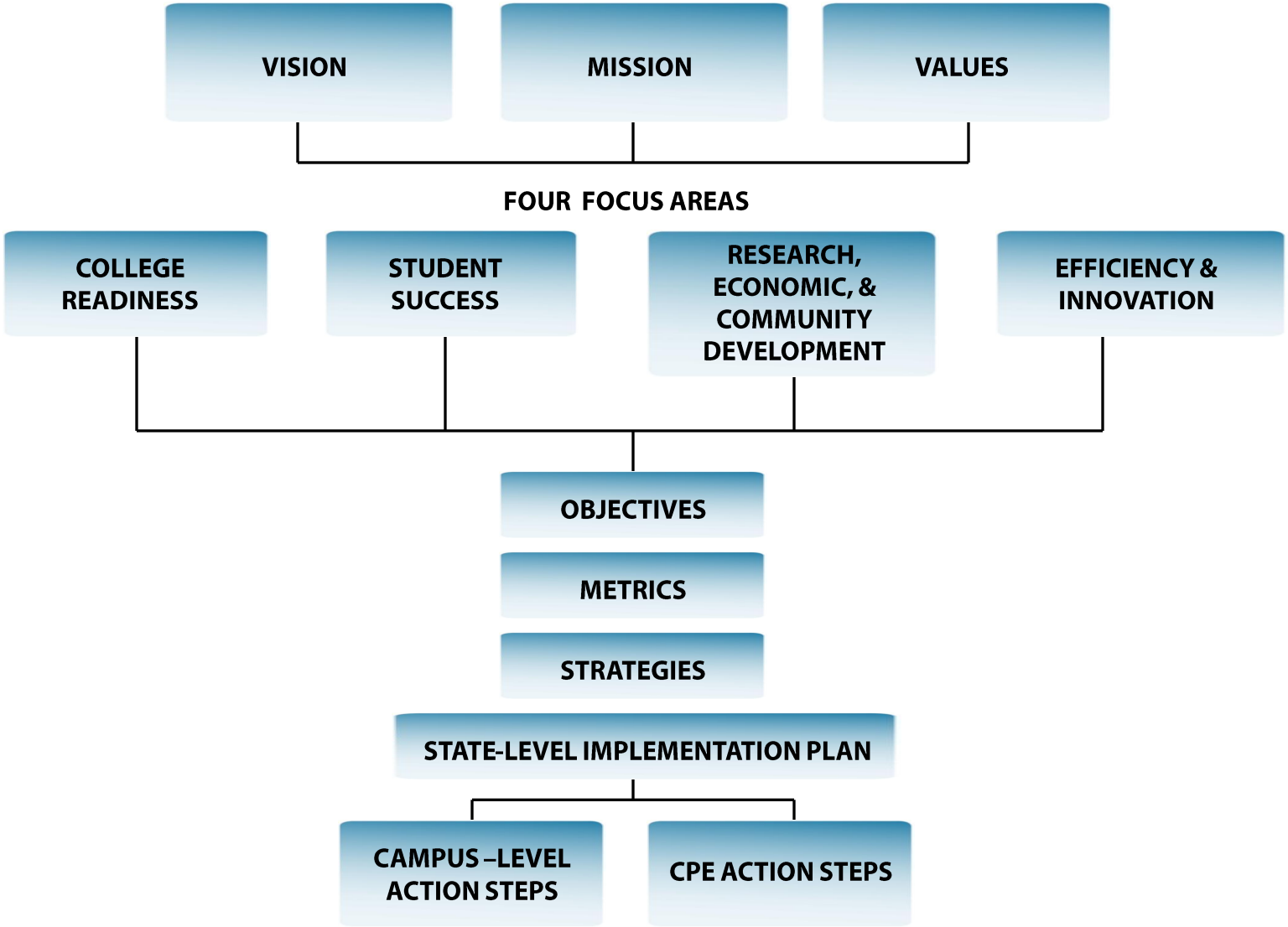
Highlights	Apollo H.S.	Daviess Co. H.S.	Owensboro H.S.	KY
Number of H.S. Graduates	**334**	**452**	**218**	**43,362**
Average H.S. GPA	**2.99**	**2.91**	**3.16**	**2.94**
H.S. Graduation Rate	**94.7%**	**97.2%**	**87.2%**	**84.5%**
College-Going Rate	**68.6%**	**62.5%**	**62.8%**	**63%**
Of Those Who Went to College:				
Percentage with Developmental Needs in One or More Subjects	**34.7%**	**14%**	**40.3%**	**38.2%**
Percentage with Developmental Needs in English	**16.7%**	**7.6%**	**21.3%**	**21.8%**
Percentage with Developmental Needs in Math	**28.9%**	**9.9%**	**35.1%**	**28.2%**
Percentage with Developmental Needs in Reading	**9.1%**	**6.6%**	**16.9%**	**16.6%**

Source: 2008 High School Feedback Report

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

New Strategic Agenda 2011-2015

STRATEGIC AGENDA COMPONENTS



VISION:

All Kentuckians will be prepared to succeed in a global economy.

MISSION:

To deliver a world-class education to students, create and apply new knowledge, and grow the economy of the Commonwealth

FOUR AREAS OF FOCUS

COLLEGE READINESS

STUDENT SUCCESS

RESEARCH, ECONOMIC, & COMMUNITY DEVELOPMENT

EFFICIENCY & INNOVATION

COLLEGE READINESS

Policy Objectives:

1) Increase college-ready Kentuckians entering postsecondary education
2) Increase college-ready GED graduates
3) Increase effectiveness of K-12 teachers and school leaders

COLLEGE READINESS

Performance Metrics:

- Readiness of Kentucky high school graduates who enter college
- GED graduates
- New teacher excellence (top 15% nationally on PRAXIS II)

STUDENT SUCCESS

Policy Objectives:

4) Increase degree production and completion rates and close achievement gaps
5) Decrease financial barriers to college access and completion

STUDENT SUCCESS

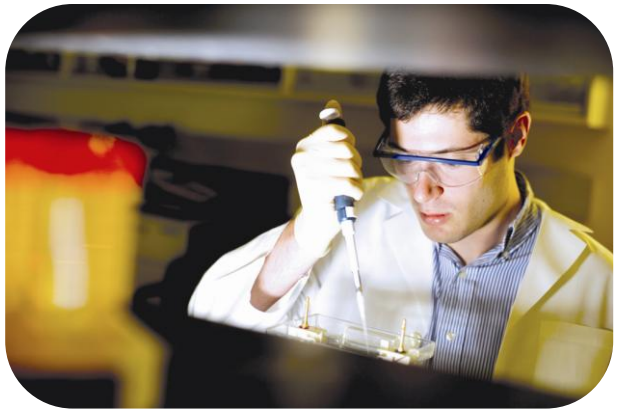
Performance Metrics:

- Degrees & credentials conferred
- Graduation rates (bachelor's and associate)
- Graduation rate gaps of low-income, underprepared, and underrepresented minority students
- State appropriations for public higher education
- State financial aid funding deficit

RESEARCH, ECONOMIC, & COMMUNITY DEVELOPMENT

Policy Objectives:

6) Increase basic, applied, and translational research
7) Increase educational attainment and quality of life through regional stewardship, public service, and community outreach



RESEARCH, ECONOMIC, & COMMUNITY DEVELOPMENT

Performance Metrics:

- Research & development funding
- Degrees and credentials in science, technology, engineering, math, and health-related fields
- Educational attainment at the associate degree level and higher, ages 25-44

EFFICIENCY & INNOVATION

Policy Objectives:

8) Increase academic productivity through program innovations
9) Maximize use of postsecondary and adult education resources

EFFICIENCY & INNOVATION

Performance Metrics:

- Online learning
- Degree productivity relative to education and related expenditures

OVERVIEW OF PERFORMANCE METRICS

	Statewide	Institution	Region
College Readiness	Readiness of Kentucky high school graduates who enter college		Readiness of all high school graduates in the region
	GED® graduates		College-going rate of high school graduates in the region
	New teacher excellence (top 15% nationally)	New teacher excellence (top 15% nationally)	
Student Success	Degrees and credentials conferred	Degrees and credentials conferred	
	Graduation rates (bachelor's and associate)	Graduation rates (bachelor's and associate)	
	Graduation rate gaps of low-income, underprepared, and underrepresented minority students	Graduation rate gaps of low-income, underprepared, and underrepresented minority students	
	State appropriations for public higher education	Transfer from KCTCS to four-year colleges and universities	
	State financial aid funding deficit	Net direct cost for low-income students	
Research, Economic and Community Development	Research and development funding	Research and development funding	
	Degrees and credentials in science, technology, engineering, mathematics, and health-related fields	Degrees and credentials in science, technology, engineering, mathematics, and health-related fields	
	Educational attainment at the associate degree level and higher, ages 25-44		Educational attainment at the associate degree level and higher in the region, ages 25-44
Efficiency and Innovation	Online learning	Online learning	
	Degree productivity relative to education and related expenditures	Credits earned by degree graduates	

STRONGER by DEGREES

A STRATEGIC AGENDA
for Kentucky Postsecondary and Adult Education

KENTUCKY COUNCIL ON POSTSECONDARY EDUCATION

A Presentation to Owensboro Chamber of Commerce
Robert L. King, CPE President
October 6, 2011

Kentucky Council on Postsecondary Education