

KANSAS BOARD OF REGENTS



# System Enrollments and New Initiatives

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Data, Research and Planning

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LEADING HIGHER EDUCATION





# Types of Data Collections

## ★ Fall Census Day Collections

- Kansas Higher Education Enrollment Report (45+ Years)
- Kansas Higher Education Data System (9 Years)

## ★ Academic Year Collections

- Kansas Higher Education Data System (8 Years)

## ★ Various

- Supports State University Data Book and Statutory Requirements



# **ENGAGING RESEARCH**

**FACULTY RESEARCH PROJECTS**

**ENHANCED REPORTING SYSTEM**



# Kansas Education Research Scholars

- ★ Transferability of General Education Courses in Subsequent Student Success

*Researchers: Dr. Donna Hawley, Dr. James Clark, and David Smith, WSU*

- ★ Choice of Major as an Influencing Factor for Success in Stem Fields

*Researchers: Dr. M.E. Yeager and Dr. Joseph Mau, WSU*

- ★ Influencing Factors of College Success for Minority Students in Kansas City, KS Metro Area

*Researchers: Dr. John L. Rury, Dr. Argun Saatcioglu, and Dr. Dongbin Kim, KU*

- ★ Participation, Retention and Graduation Patterns of ABE/GED Students Transitioning to Community College Programs

*Researchers: Dr. Jeffrey Zacharakis and Dr. Haiyan Wang, KSU*



# Other Federal Grant Research Efforts

- ★ Math Matters: Transition from Math in K-12 to Postsecondary Education Math and STEM Fields

*Researchers: Dr. Jacqueline D. Spears and Dr. Tamera Murdock, KSU and UMKC*

- ★ KBOR-DOL Crosswalk: Relationship Between Field of Study and Occupational Placement and Earnings

*Researchers: Dr. Donna Ginther and Pat Oslund, KU*



# Kansas Higher Education Reporting System

- ★ Enterprise Business Intelligence Software Suite
  - Web-based
  - Dashboards, Graphs, and Charts
  - Guided Ad Hoc Reporting (Filtering and Drill Down)
  - Graphical User Interface Query Tool
  - Mobile Device Compatible
  - GIS Mapping
  - Microsoft and Adobe Integration
  - Dynamic Report Distribution
  - Predictive Analytics



# **ANNUAL REPORT ON ENROLLMENT**

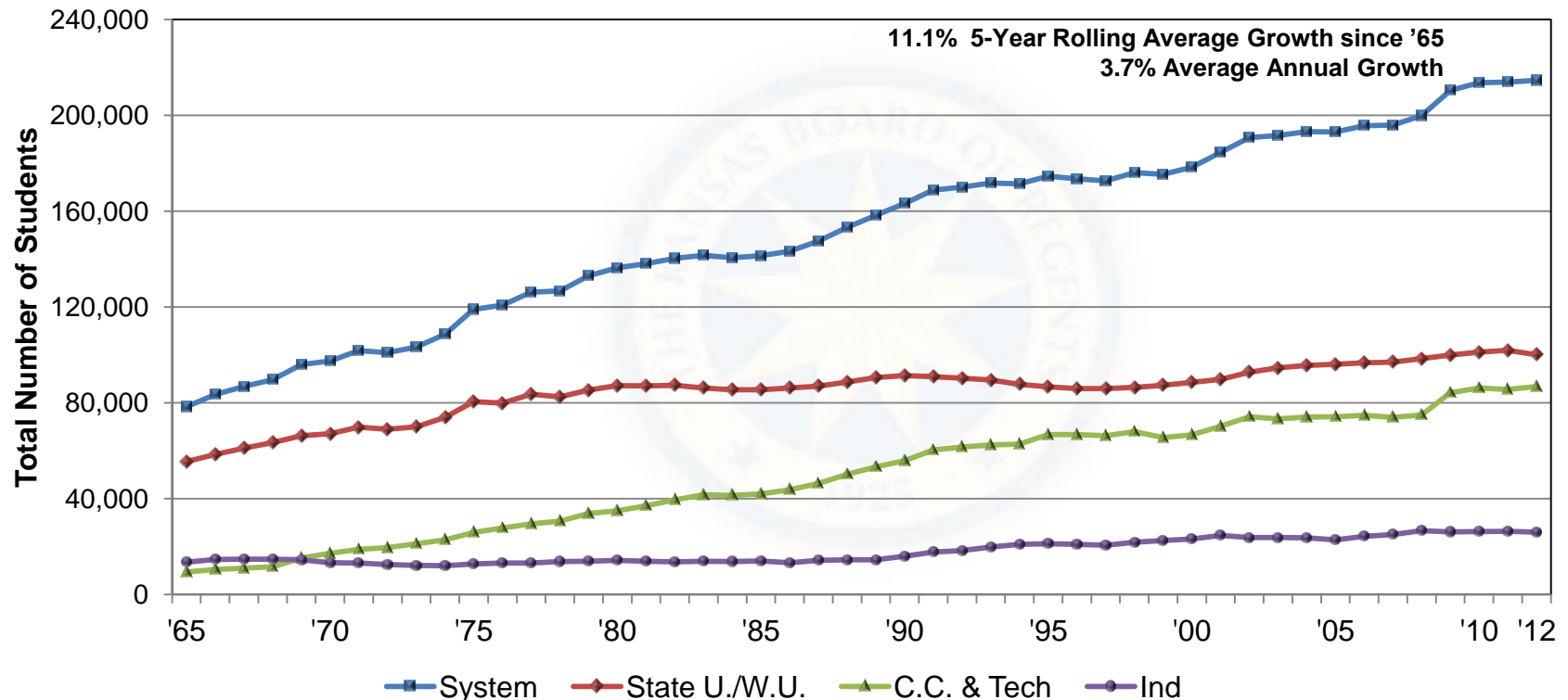
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## **HISTORICAL TRENDS AND COMPARISONS (KHEER FALL CENSUS DAY)**



## Headcount

System Wide  
Kansas Public and Independent (Private, Not for Profit)  
Colleges and Universities

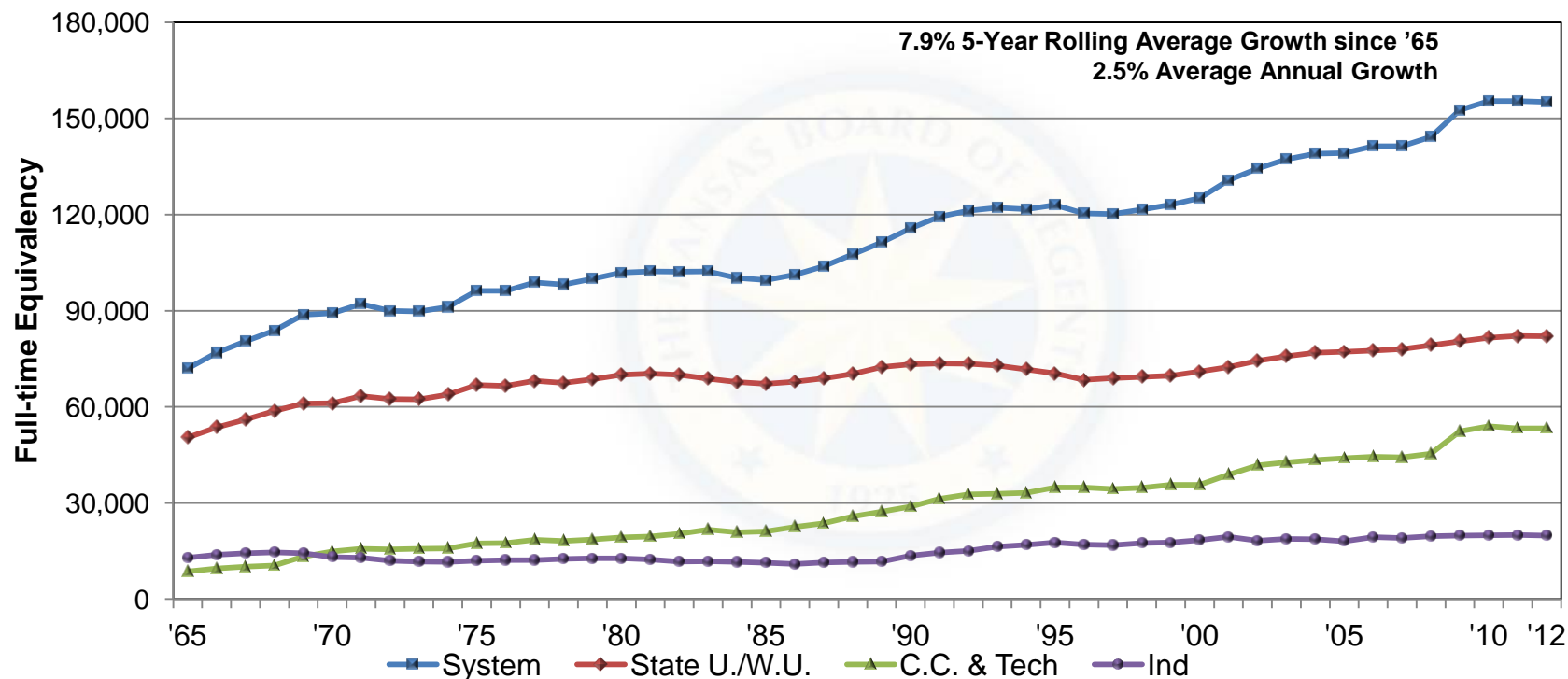






# Full-Time Equivalency (FTE)

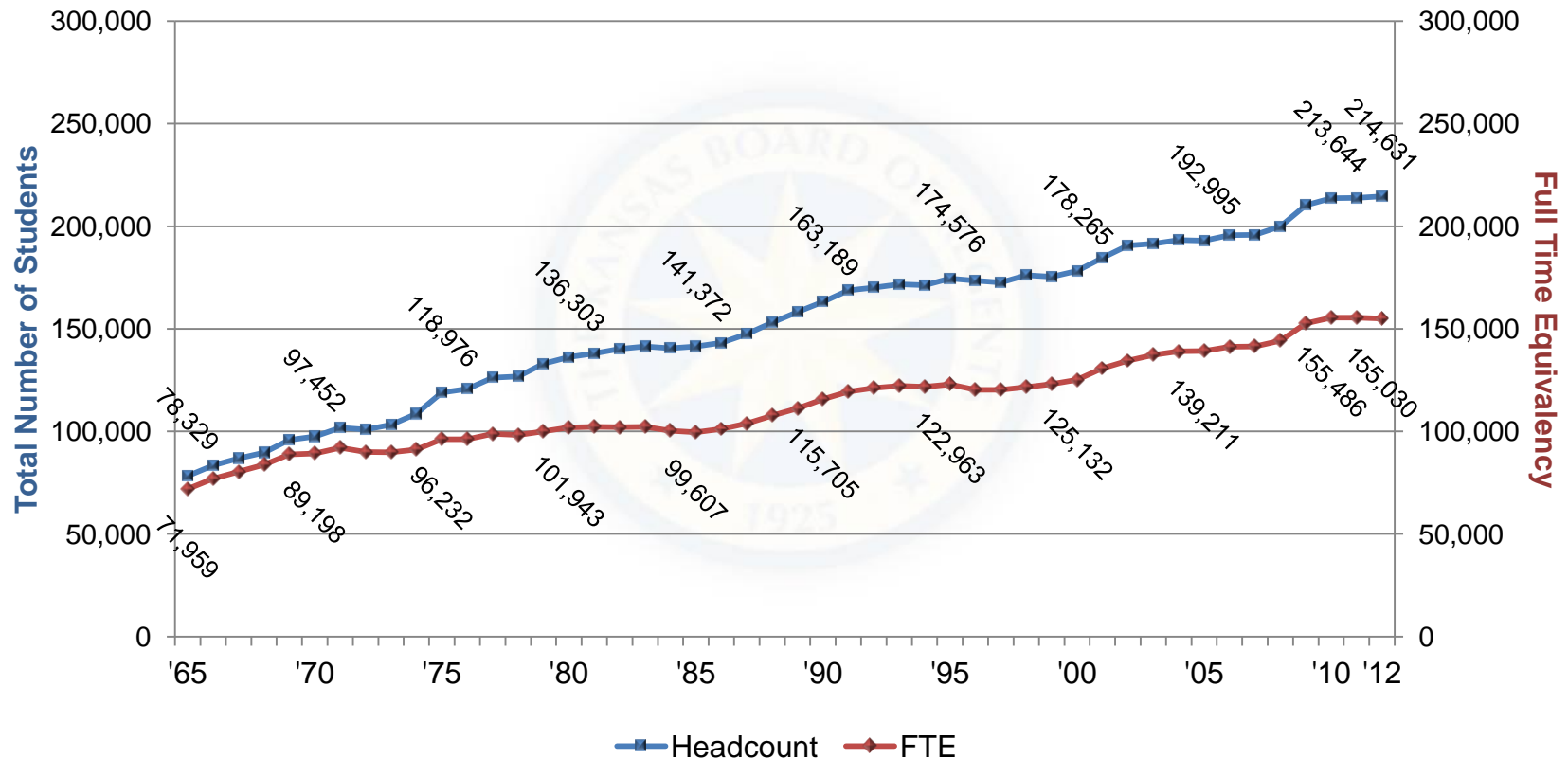
System Wide  
Kansas Public and Independent (Private, Not for Profit)  
Colleges and Universities





## Headcount and FTE

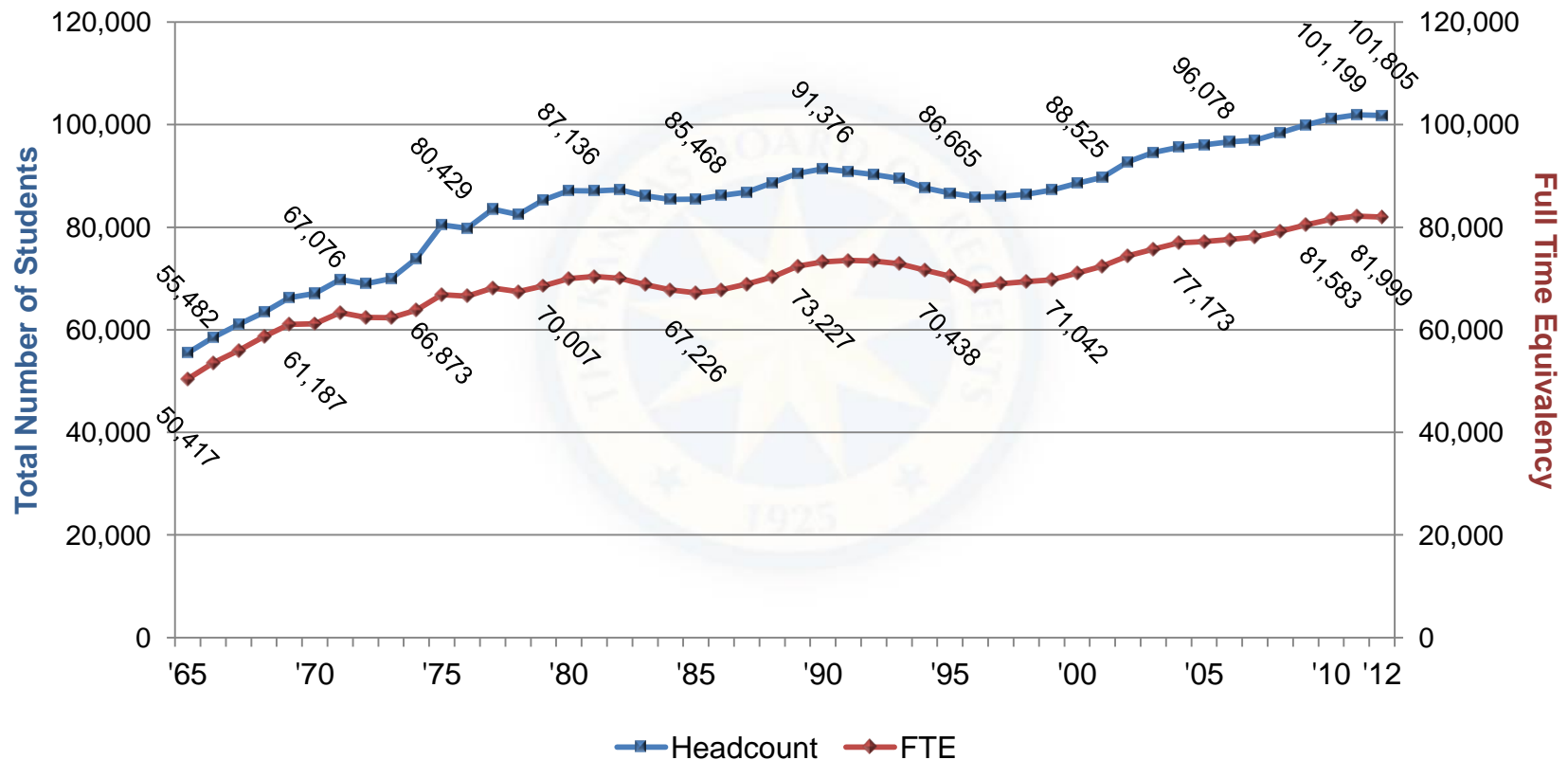
### System Wide





## Headcount and FTE

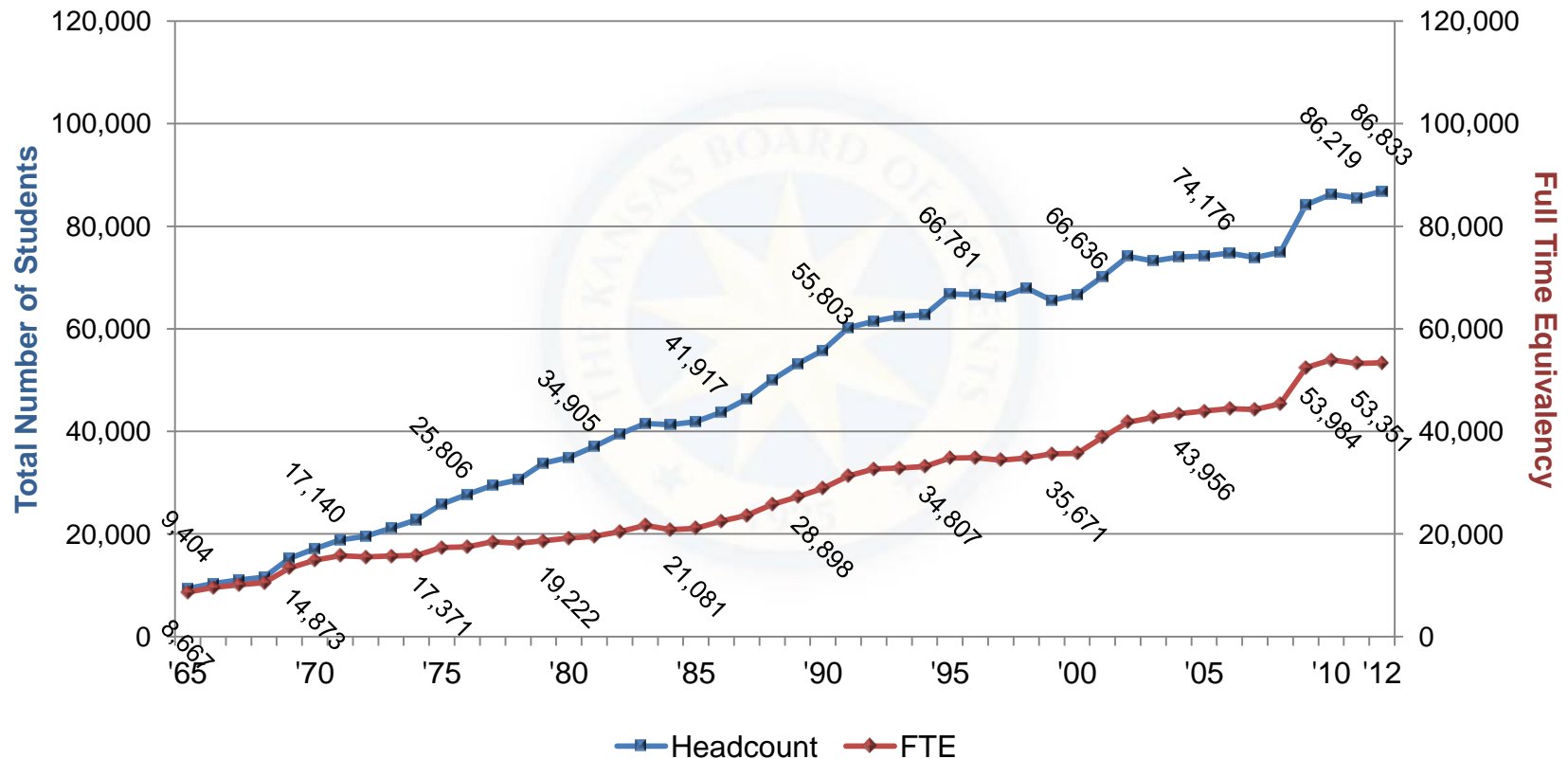
### State Universities & Washburn





## Headcount and FTE

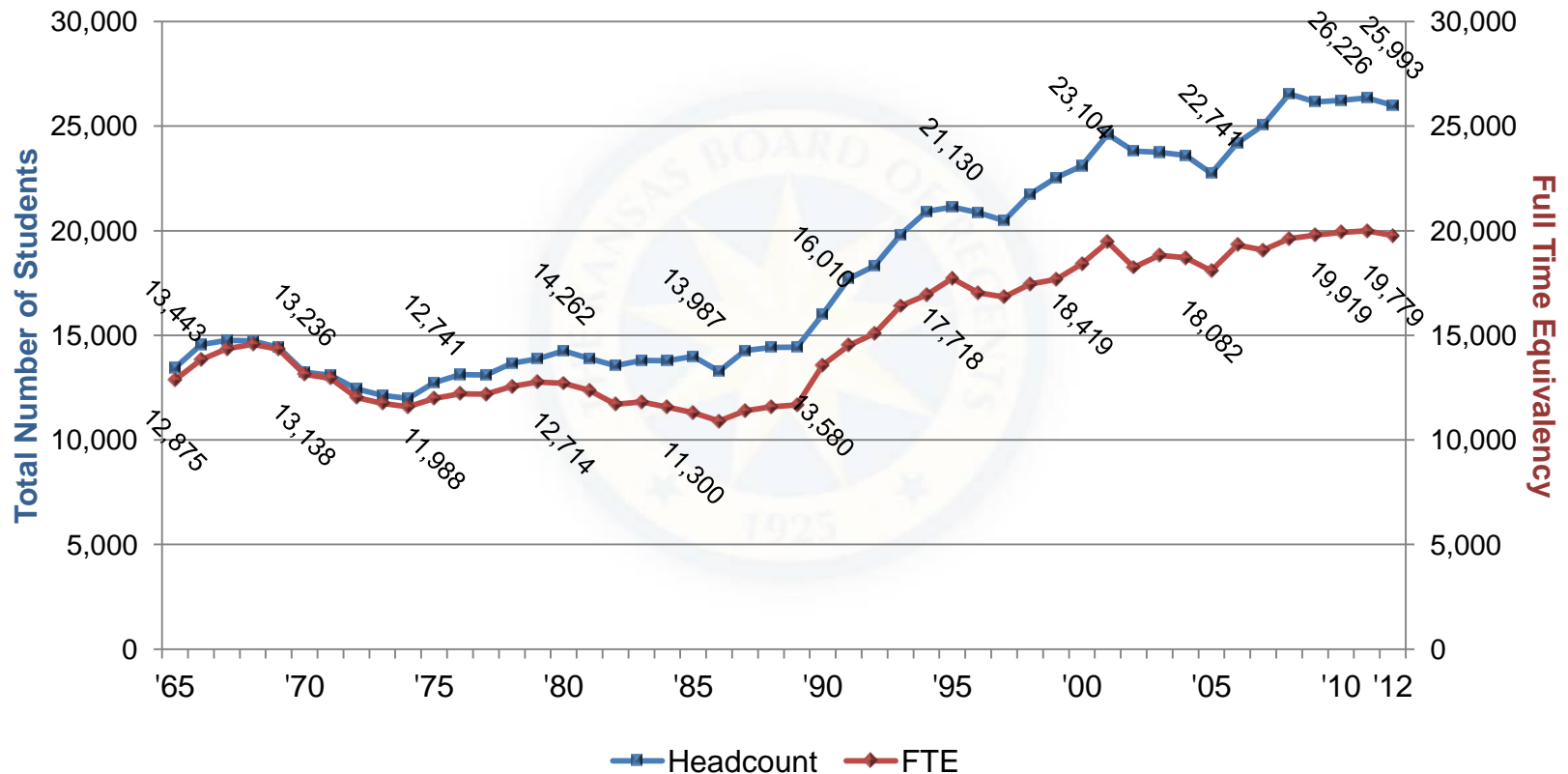
### Community and Technical Colleges





## Headcount and FTE

### Independent Institutions





# Historical Trend Remarks

- ★ Overall Average Annual Growth = 3.7%
- ★ Growth More Significant in 2 Year Sectors
- ★ Recent Growth Influenced by Recession, Particularly in Non-Traditional Populations
- ★ Overall Enrollment Beginning to Flatten



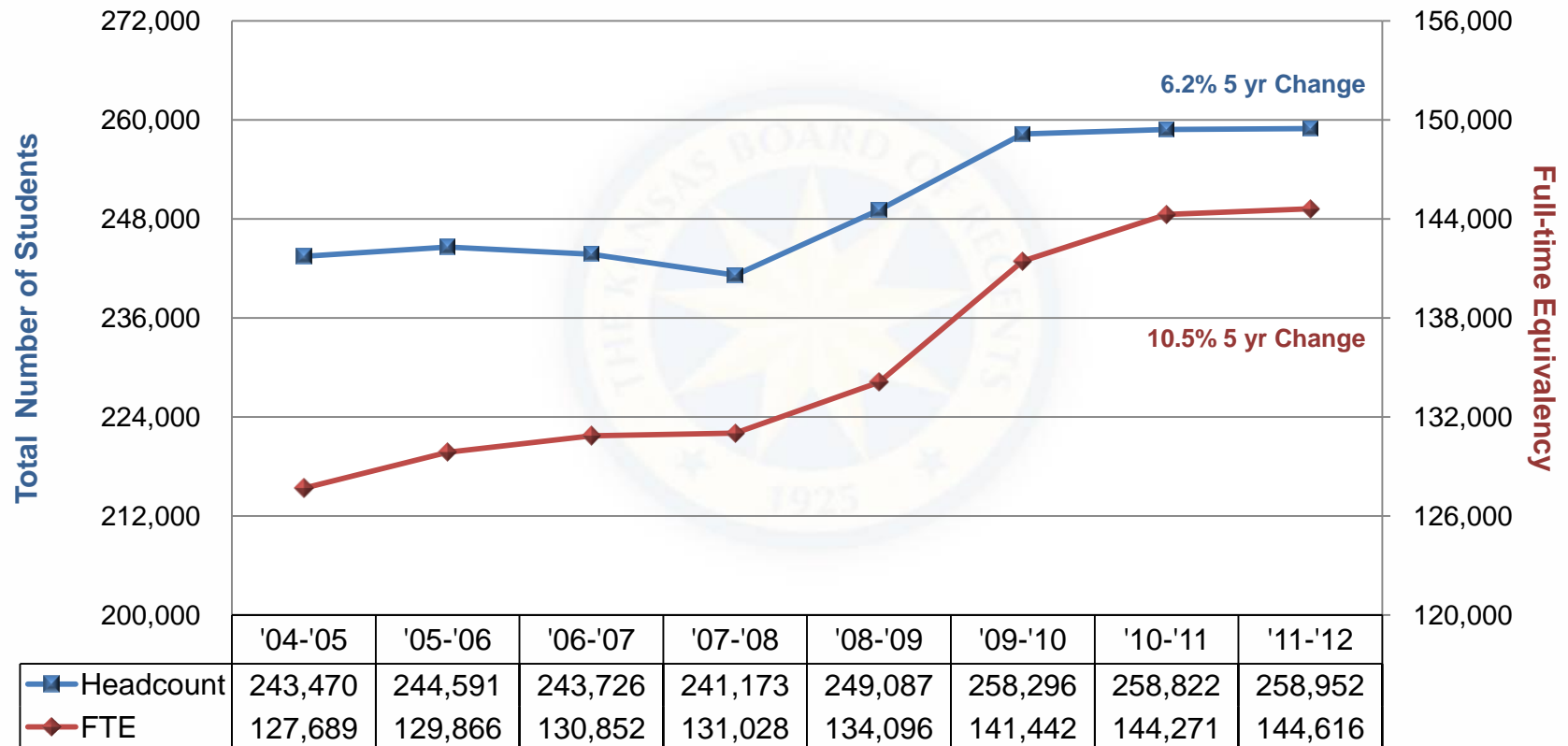
# **ACADEMIC YEAR ENROLLMENT TRENDS**

## **KHEDS AY**



## Academic Year Enrollment

### System Wide, Public

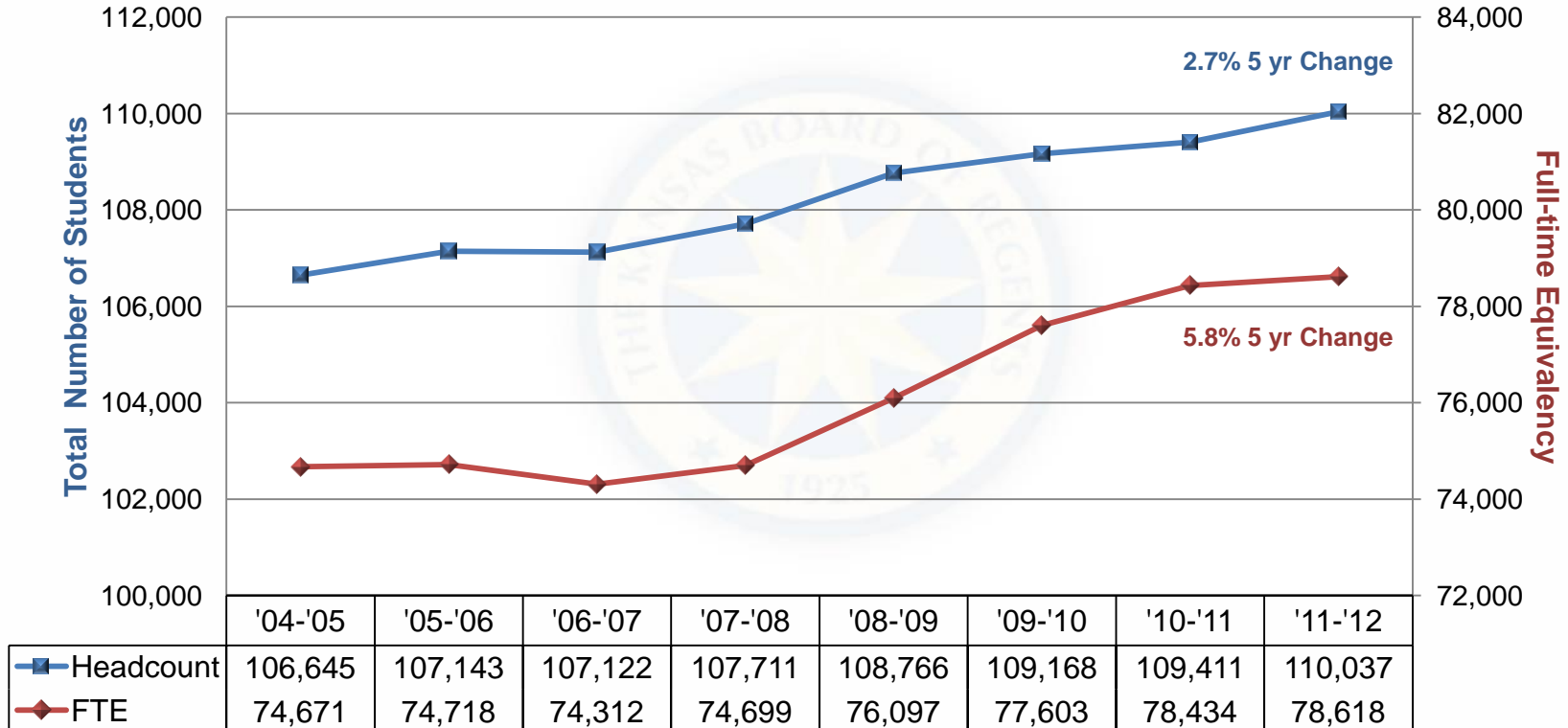






# Academic Year Enrollment

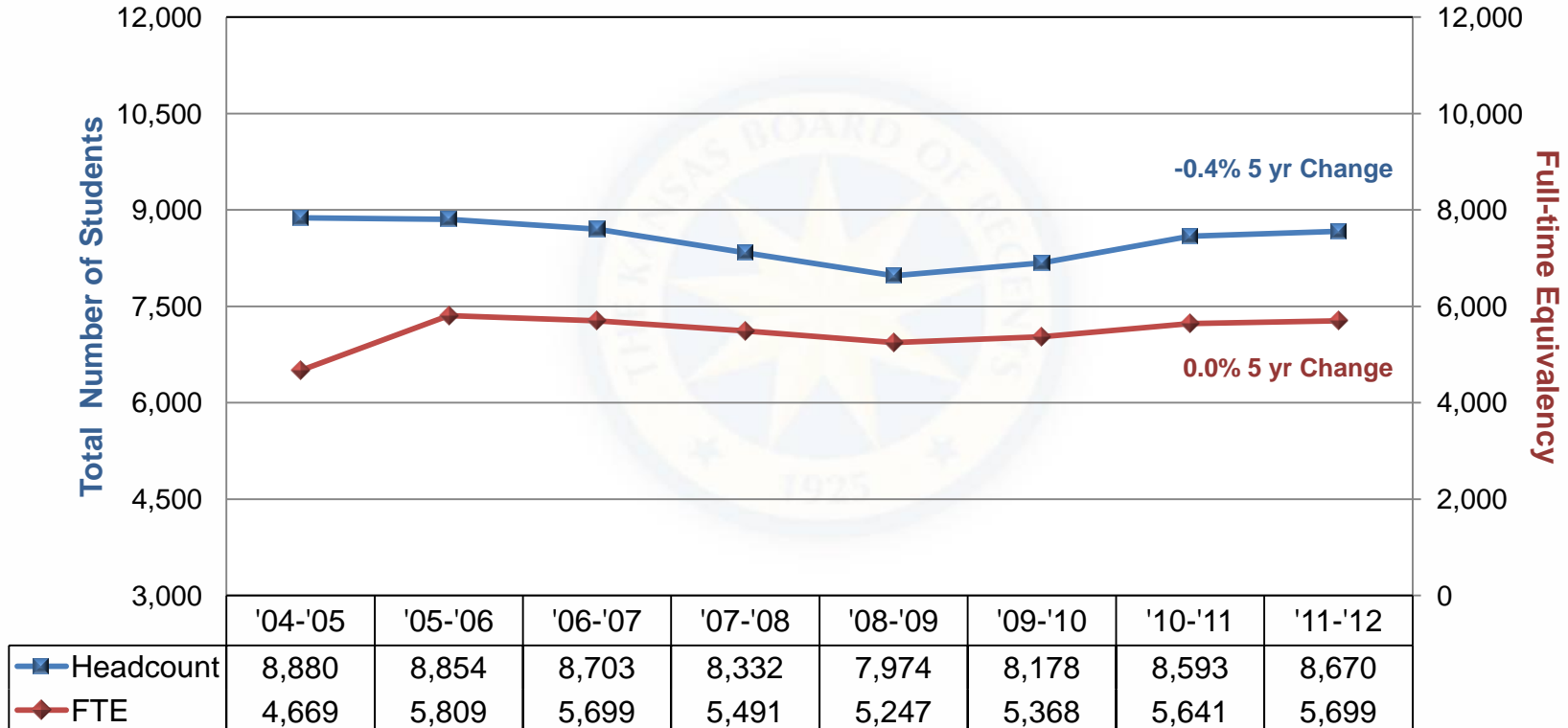
## State Universities





# Academic Year Enrollment

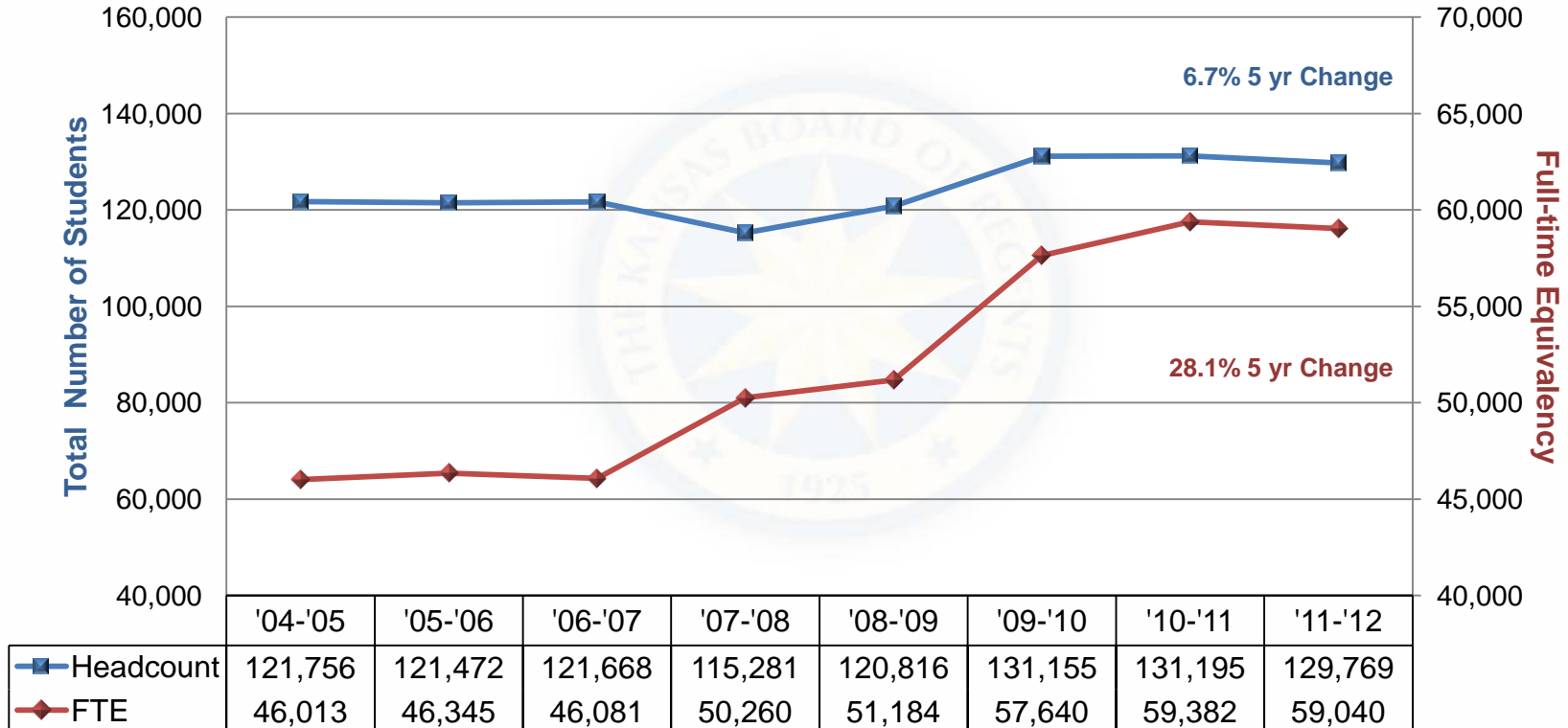
## Washburn University





# Academic Year Enrollment

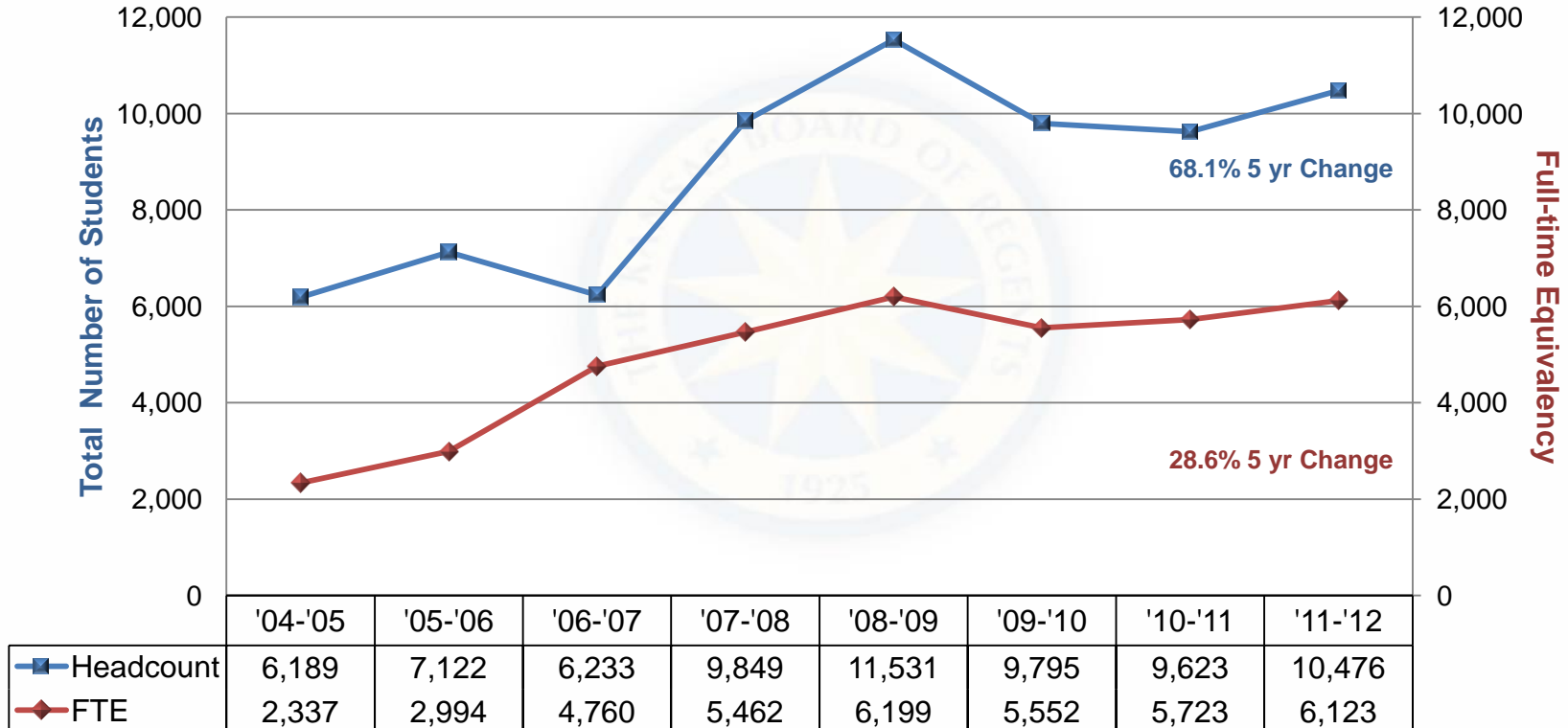
## Community Colleges





# Academic Year Enrollment

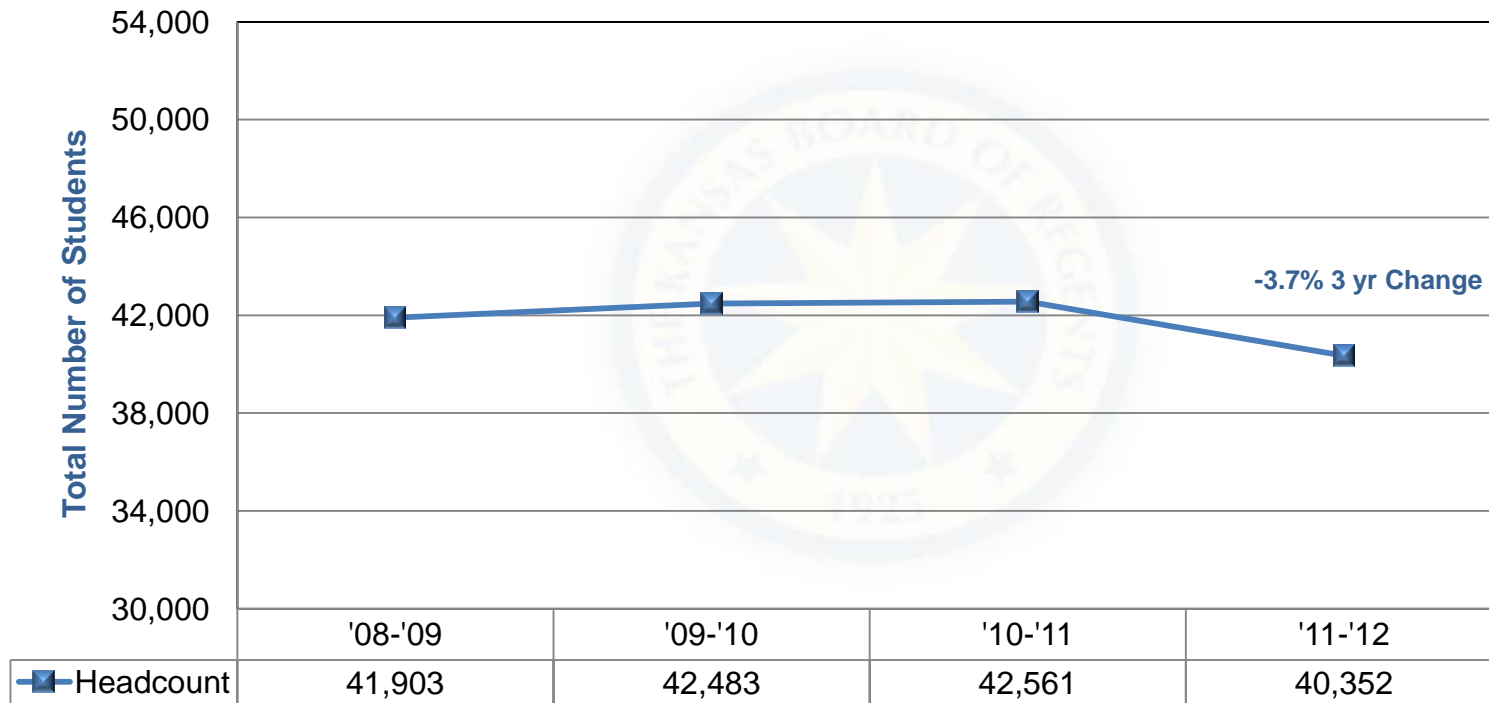
## Technical Colleges and Institutions





## Other Academic Year Data

### Private and Out-of-State Postsecondary Institutions





# Academic Enrollment Remarks

- ★ Overall 6.2% 5-Year Increase in Headcount
- ★ Overall 10.5% 5-Year Increase in FTE
- ★ Result = More Credit Hours Per Student
- ★ State University Growth = Slow but Steady
- ★ More Significant Recent Growth in 2 Year Sector
- ★ Slight Decrease in Private and Out-of-State
- ★ Evidence of Recession as Influencing Factor  
Along with New Strategies



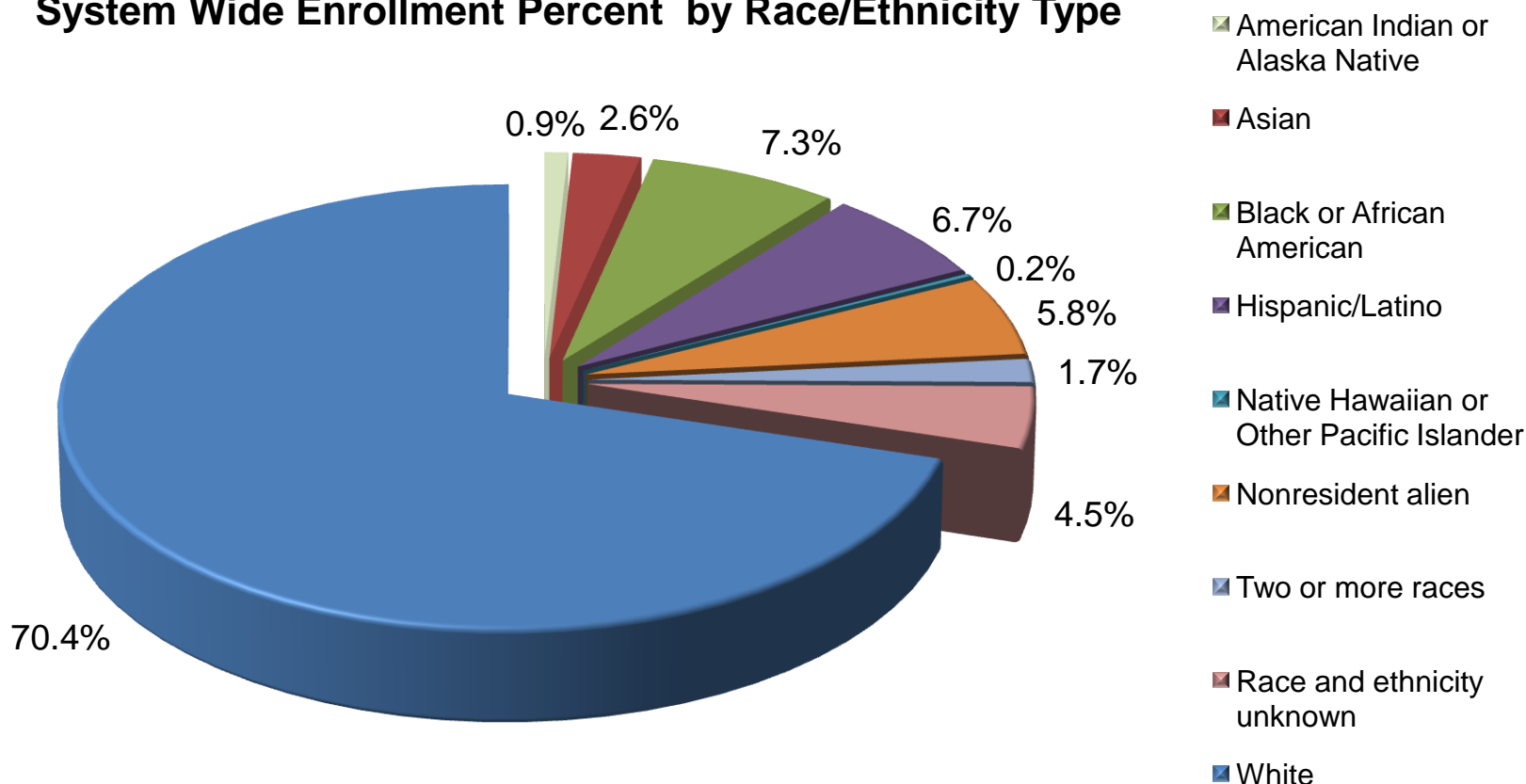
# **ACADEMIC YEAR DEMOGRAPHICS AND CHARACTERISTICS OF ENROLLMENT**

## **KHEDS AY**



## Enrollment Academic Year

System Wide Enrollment Percent by Race/Ethnicity Type

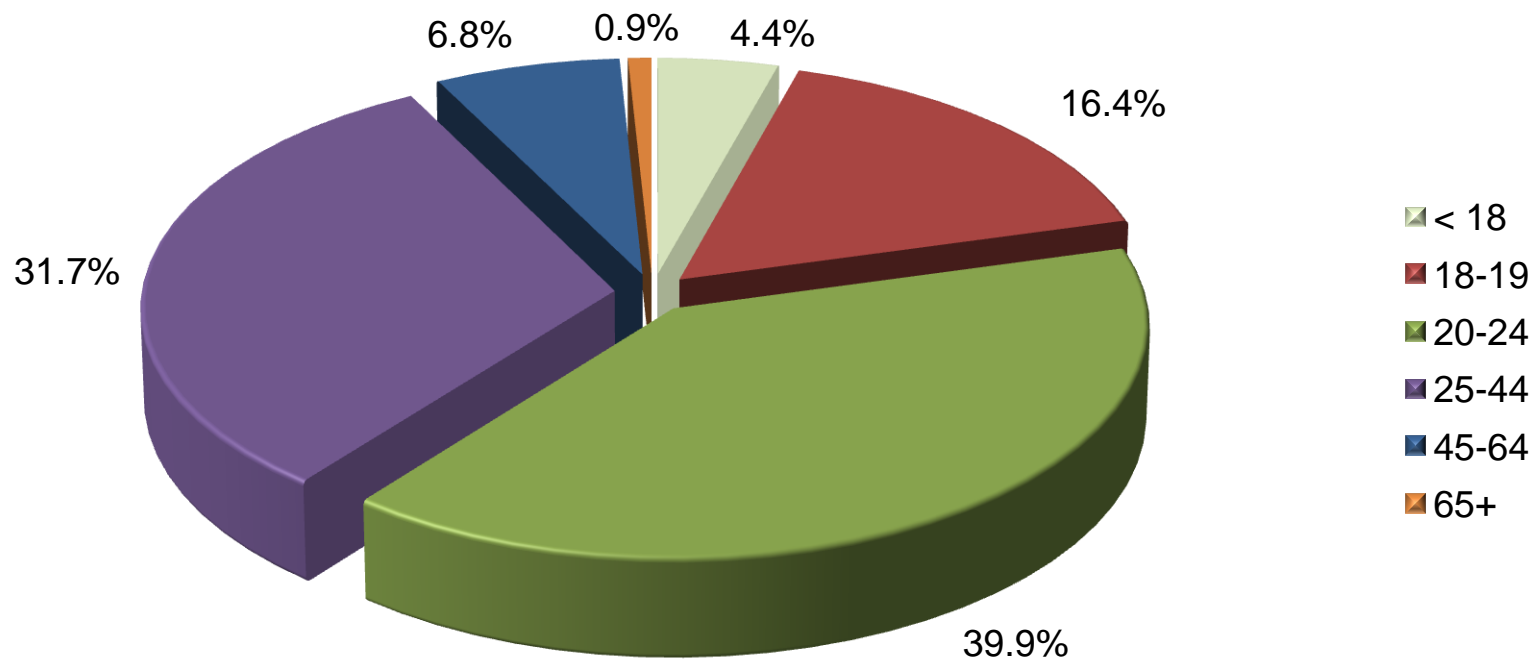






# Enrollment Academic Year

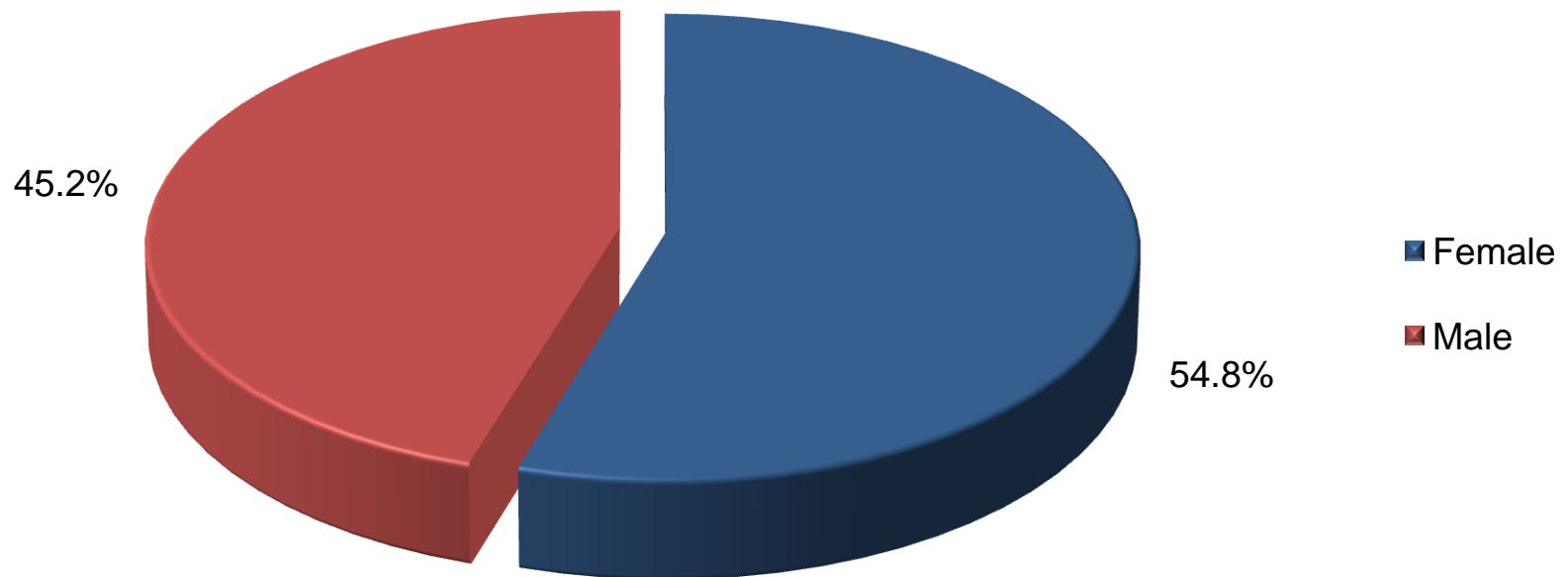
**System Wide Enrollment Percent by Age Bracket**





# Enrollment Academic Year

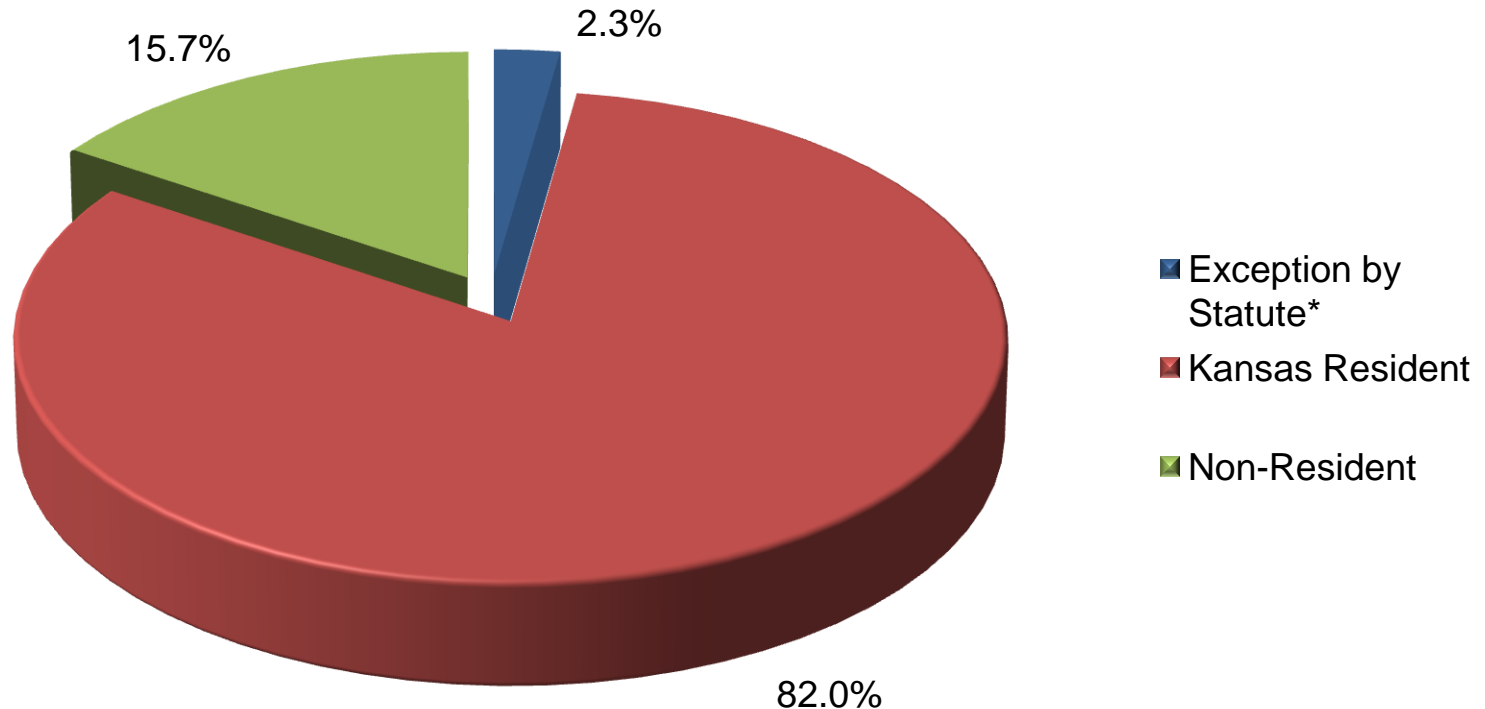
**System Wide Enrollment Percent by Gender Type**





# Enrollment Academic Year

**System Wide Enrollment Percent by Residency Type**



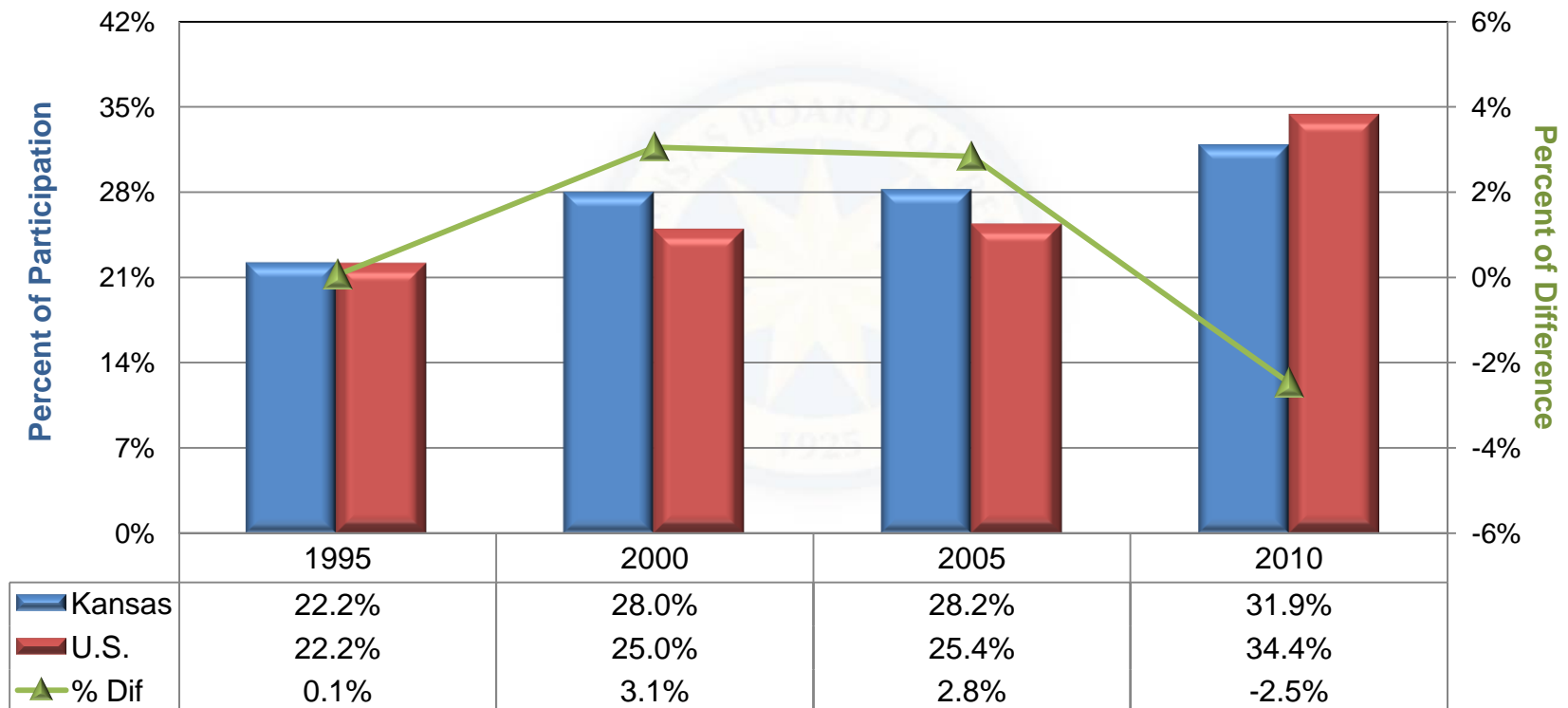
Source: KHEDS 2012 Academic Year Collection

Notes: \*Some examples of exception by statute (non-inclusive): Employees of a state educational institution, Spouse of military serviceman transferred to another state, recruited for full-time employment in Kansas (economy)



## Enrollment Comparisons

**Kansas Vs. U.S. Enrollment for Low-Income**





# Characteristics Remarks

- ★ 25.1% Culturally Diverse
- ★ 39.4% Non-Traditional
- ★ 82% Kansas Residents
- ★ 2.3% Residency Exception by Statute
- ★ Fewer Non-Resident in 2 Year Sector due to Different Residency Requirements

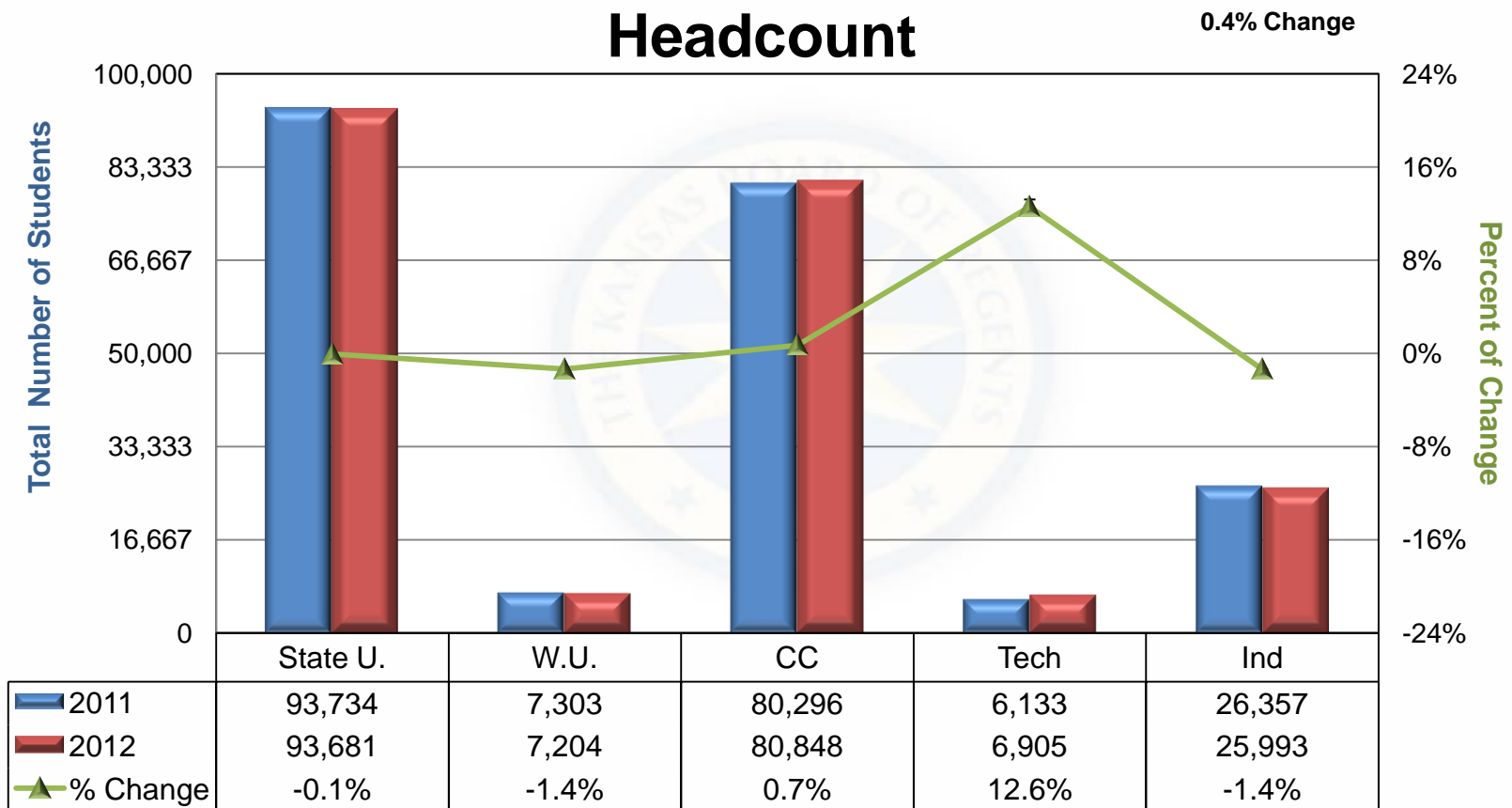


# **RECENT FALL ENROLLMENT COMPARISONS**

## **KHEER FALL CENSUS**



## Fall Census Day Enrollment

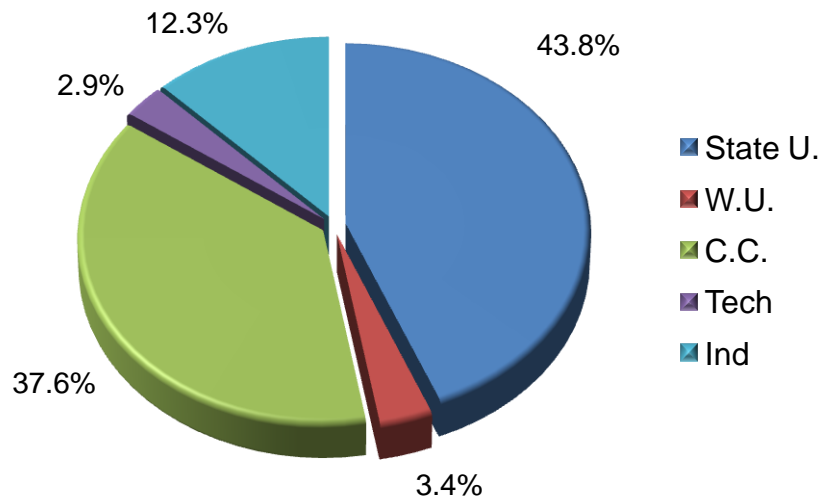




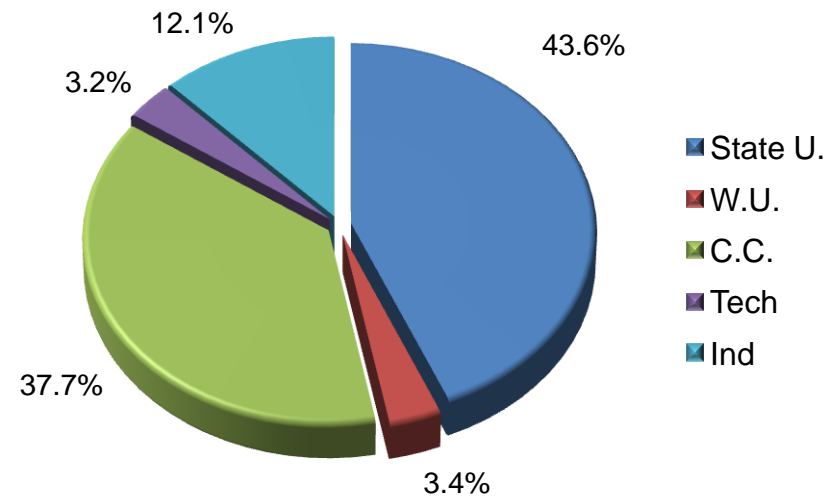
# Fall Census Day Enrollment

## Sector Percentage of Headcount Total

2011 Fall Term



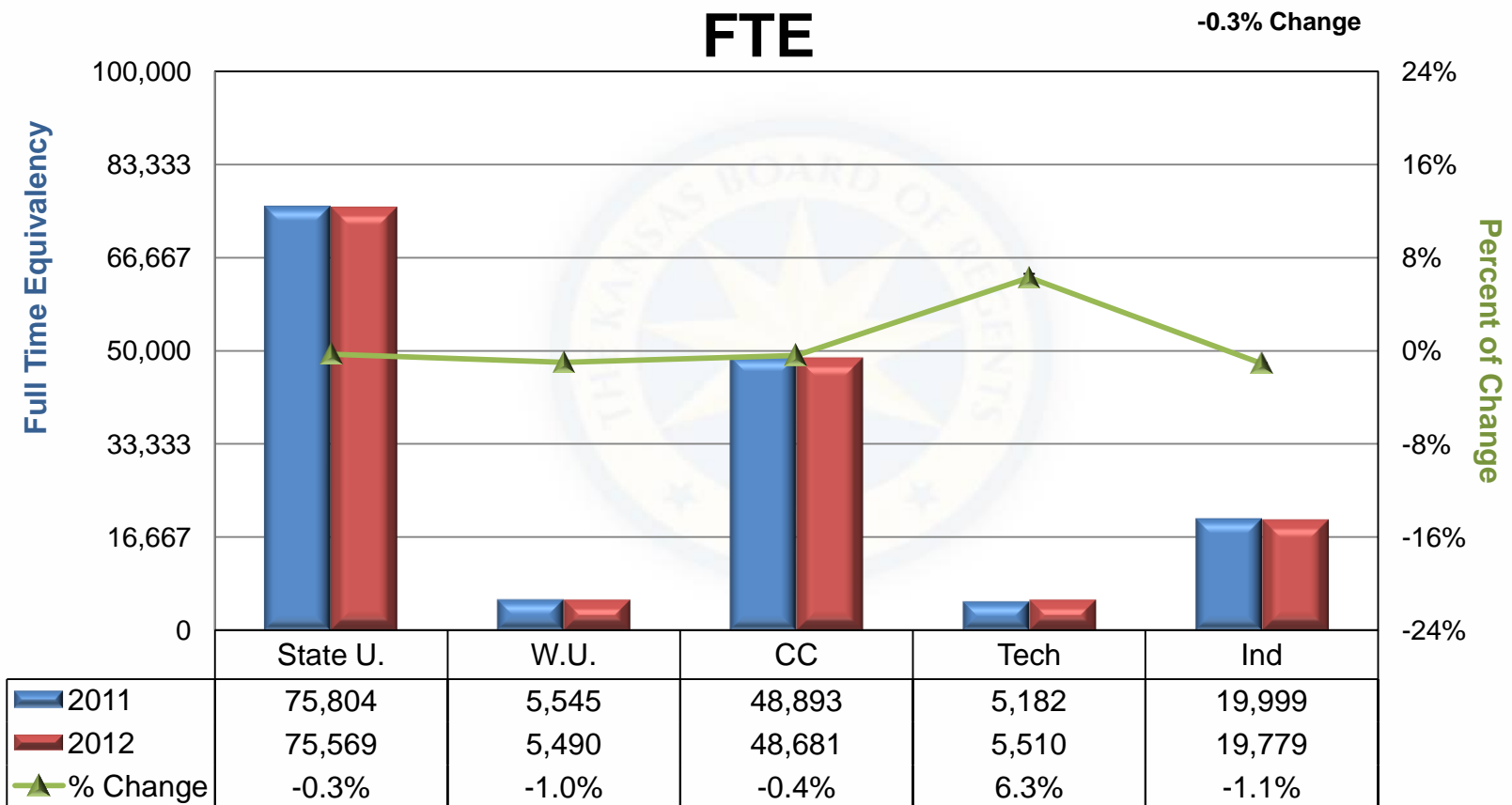
2012 Fall Term







# Fall Census Day Enrollment

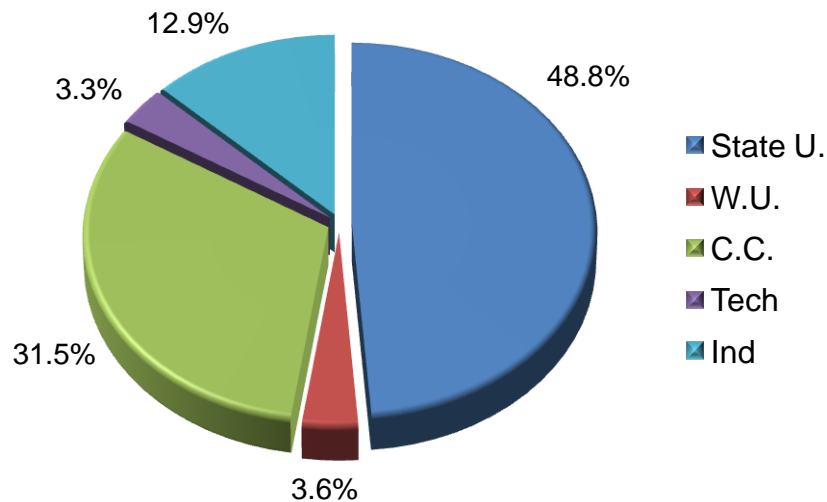




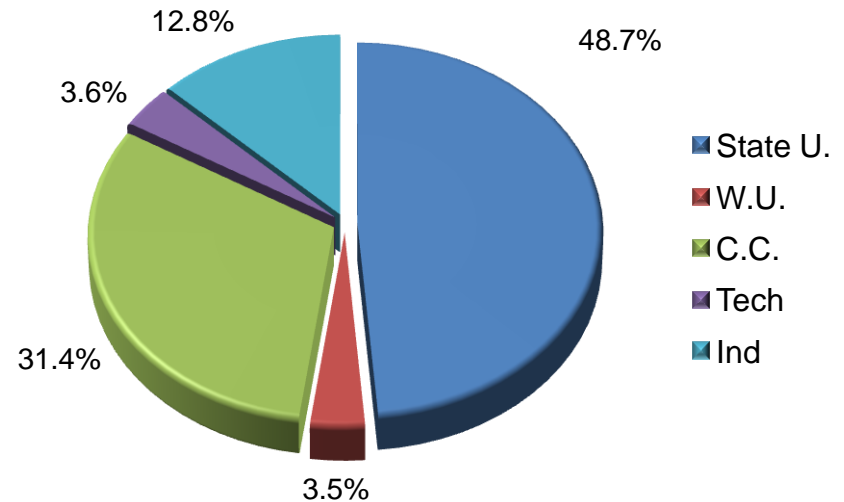
# Fall Census Day Enrollment

## Sector Percentage of FTE Total

2011 Fall Term



2012 Fall Term





# Fall 2012 Remarks

- ★ Very Little Change Fall to Fall
- ★ Enrollment Flat
- ★ FTE Flat
- ★ Economic Improvement Slows Postsecondary Growth

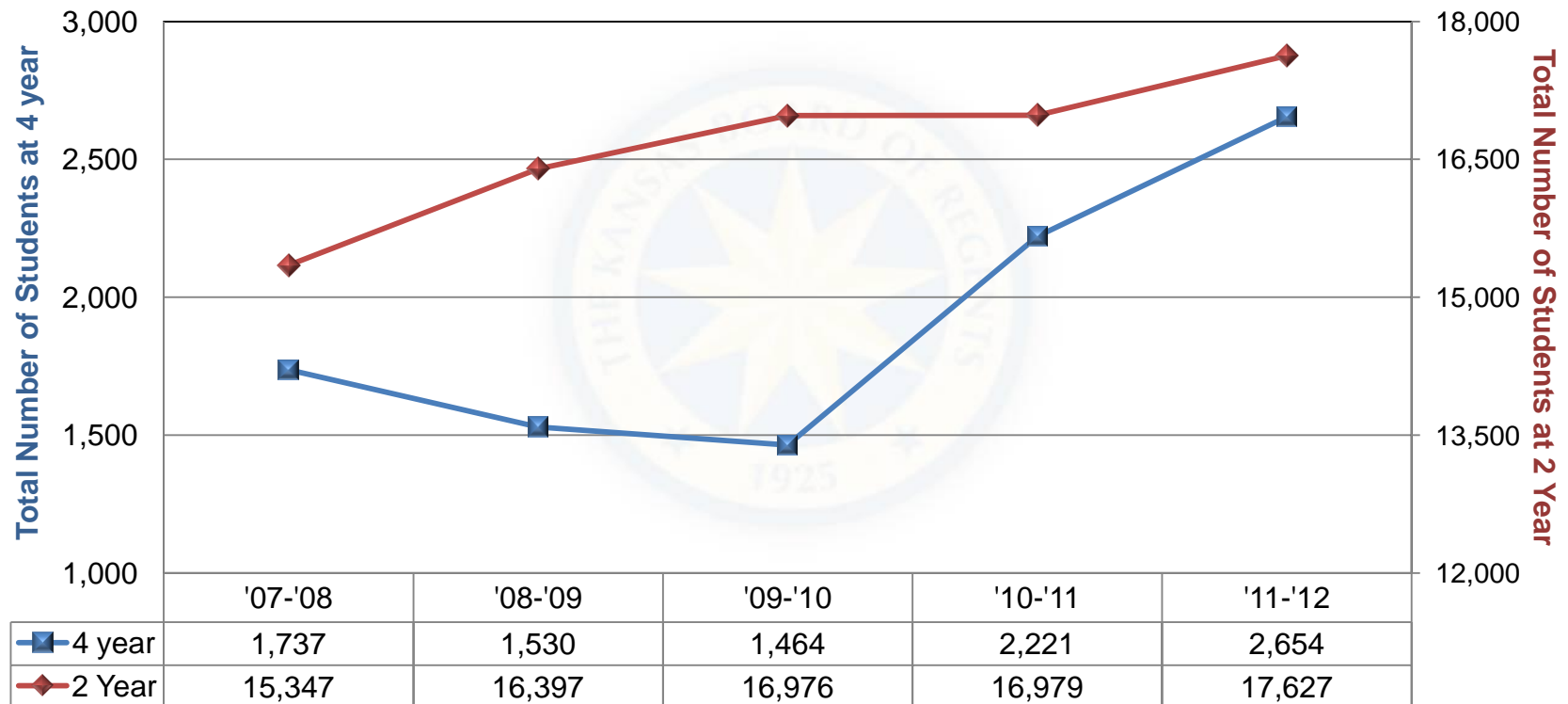


**POPULATIONS AND  
CHARACTERISTICS OF  
HIGH SCHOOL  
STUDENTS  
ENTERING POSTSECONDARY**



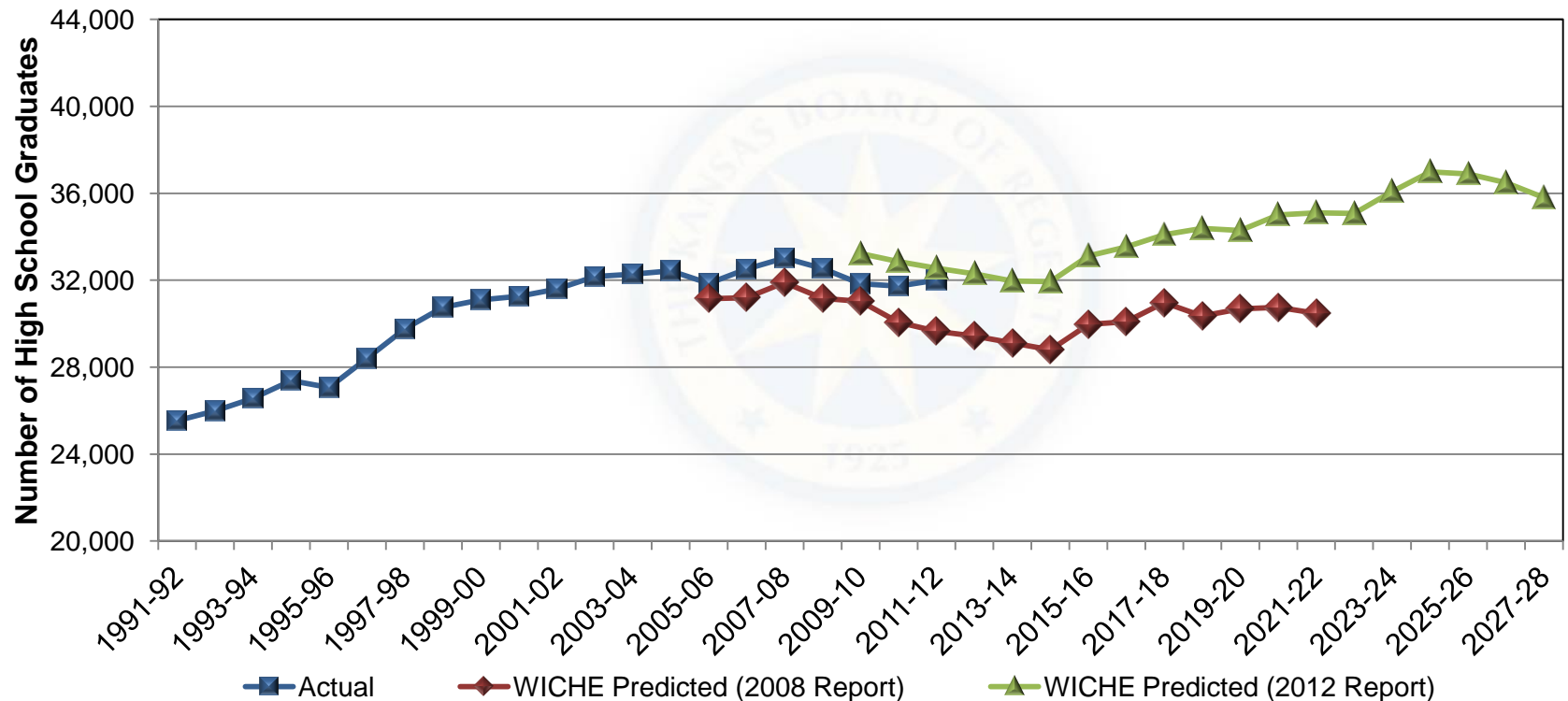
## Dually Enrolled High School and Postsecondary

System Wide by 4 Year or 2 Year Institutions





## Actual and Predicted Graduates Kansas

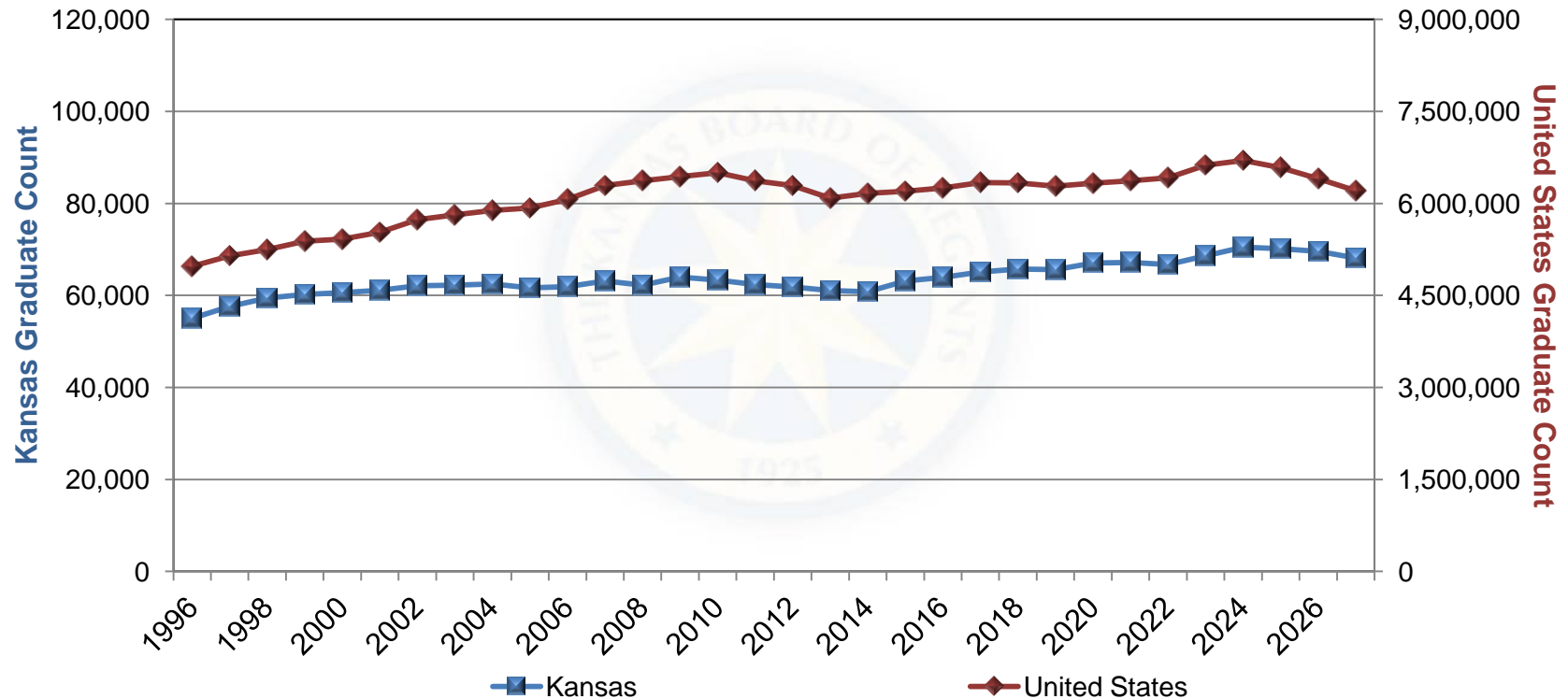


Source: Western Interstate Commission for Higher Education, *Knocking at the College Door: Projections of High School Graduates*, 2012 report. (<http://knocking.wiche.edu/download>)



## Actual and Predicted Graduates

### Kansas Vs. United States



Source: Western Interstate Commission for Higher Education, *Knocking at the College Door: Projections of High School Graduates, 2012* report. (<http://knocking.wiche.edu/download>)



# Average ACT Statistics

## Kansas High School Graduating Class

High School Graduation Year	2008	2009	2010	2011	2012
KS Percent Who Took the ACT	74%	74%	75%	79%	81%
KS Average ACT score	22	21.9	22	22	21.9
National Average ACT Score	21.1	21.1	21	21.1	21.1





# Kansas College Going Rate

## High School Graduating Class

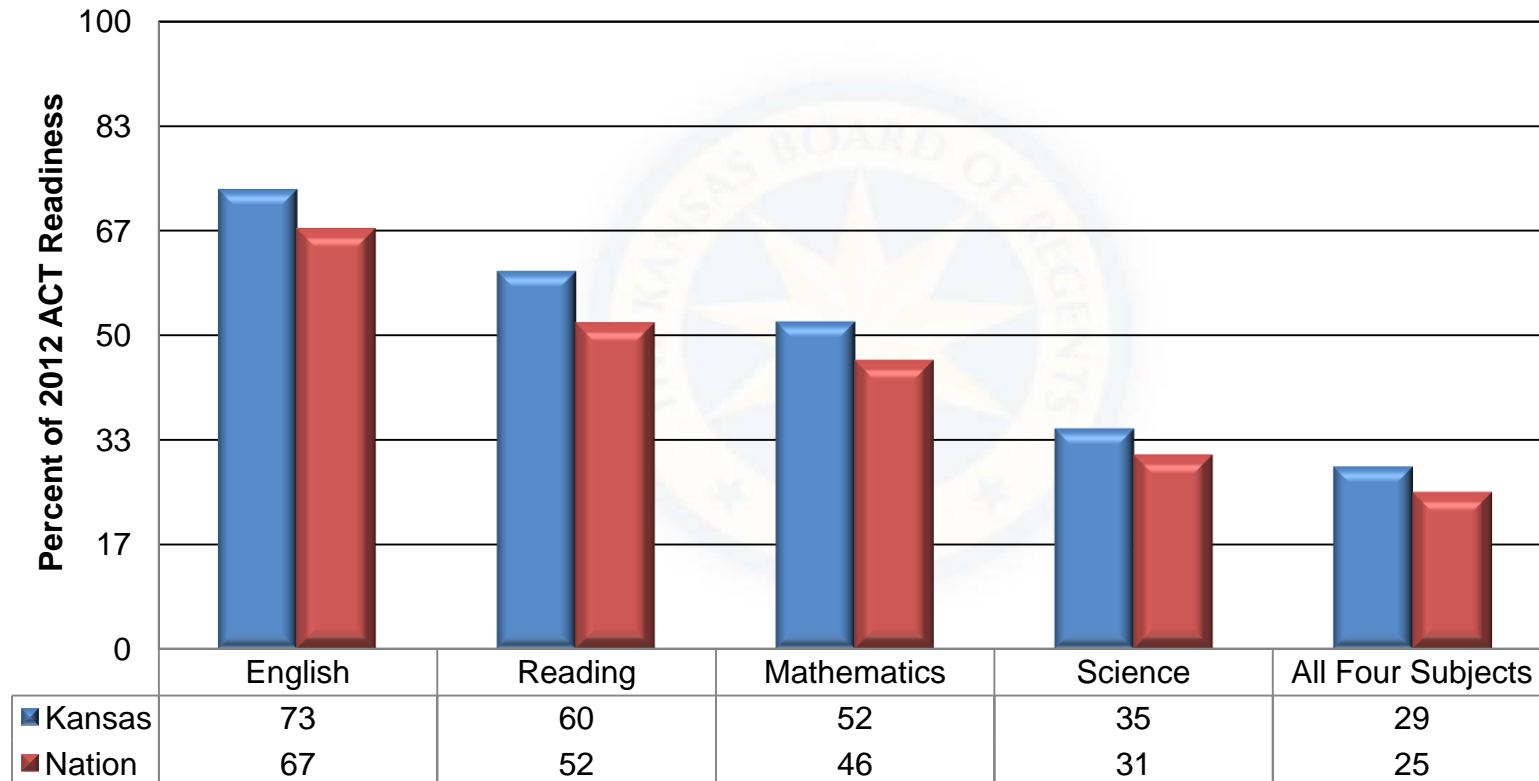
	2009	2010	2011
High School Graduating Class	31,926	32,387	32,303
Enrolled in Postsecondary*	17,268	17,669	17,556
KS HS Graduates attending KS Public Postsecondary Institution*	54.1%	54.6%	54.3%

Source: P20 Data System

Definitions: \*Unduplicated Number Enrolled in Kansas Public Postsecondary as Degree-Seeking during Academic Year Following High School Graduation.



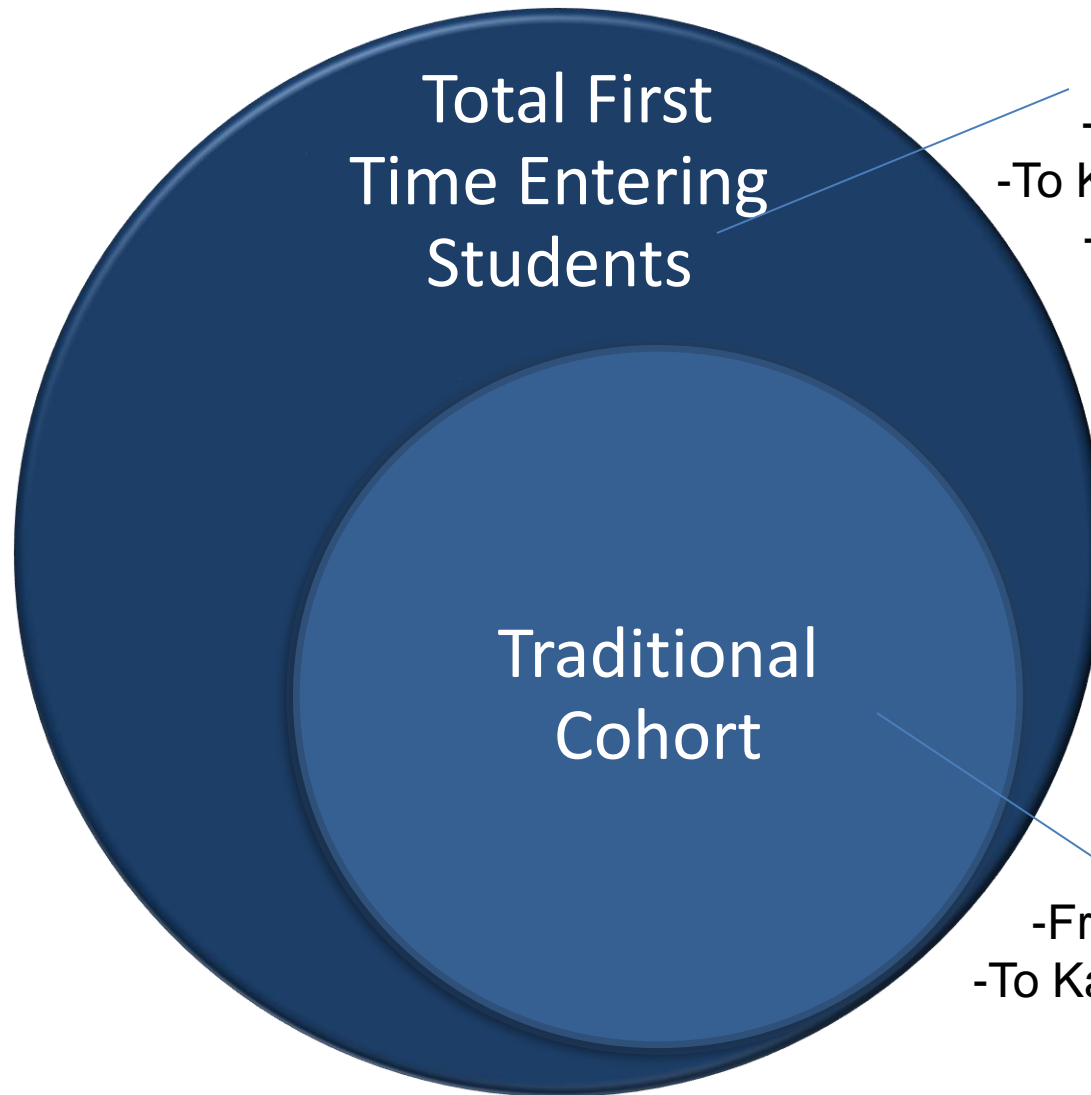
## College Readiness By Subject





# College Readiness Remarks

- ★ Kansas Above the Nation in ACT Average
- ★ Kansas Above the Nation in All College Readiness Subject Areas
- ★ Nearly 55% of High School Graduates Enroll Directly into Kansas Public Postsecondary
- ★ Almost 20% More Can Be Found in Postsecondary at Some Time



Total First  
Time Entering  
Students

Total First Time =  
-From In and Out of State  
-To Kansas Public Postsecondary  
-Degree and Non-Degree  
-Delayed Enrollments

Traditional  
Cohort

Traditional=  
-From Kansas High Schools  
-To Kansas Public Postsecondary  
-Degree-Seeking  
-Within One Year

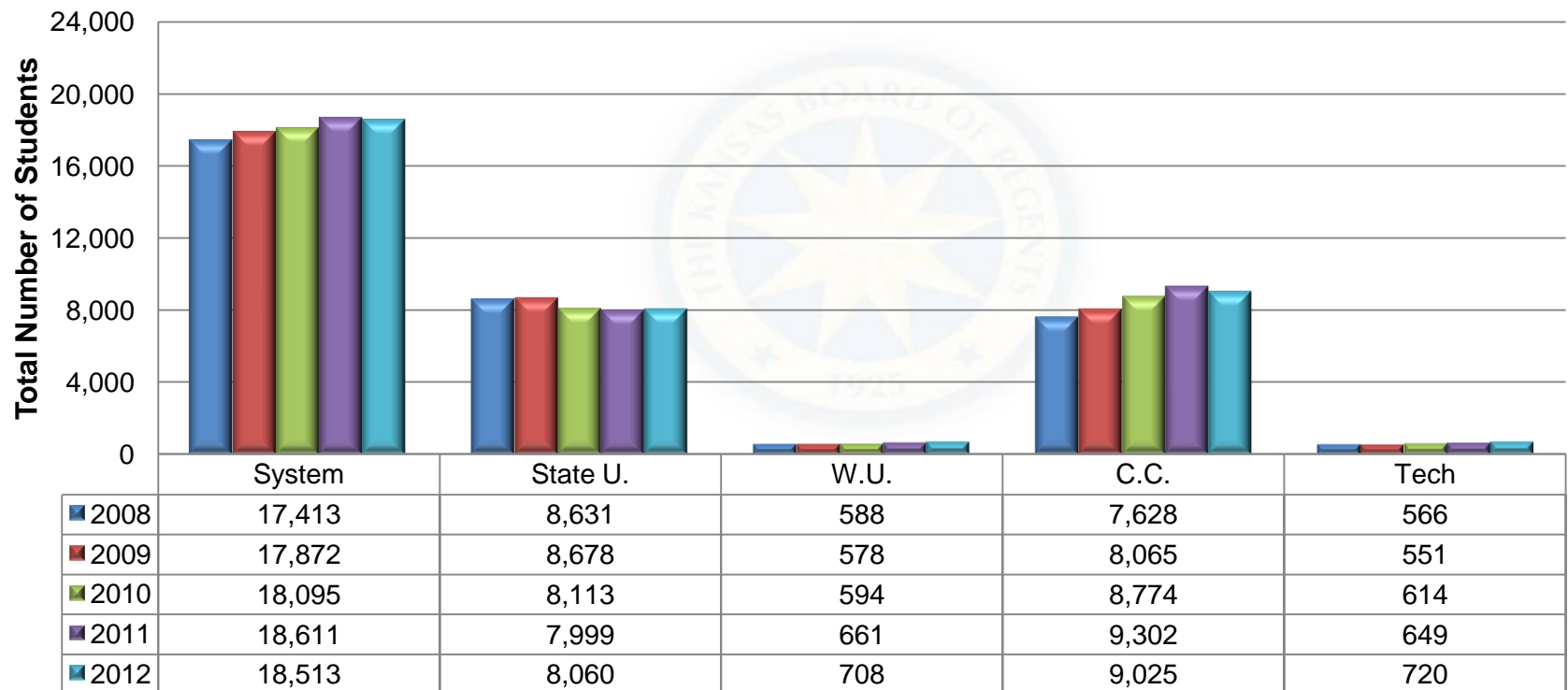


**HEADCOUNT  
KANSAS  
(TRADITIONAL COHORT)  
FIRST TIME  
ENTERING STUDENT  
POPULATION**



# First Time Entering Headcount

## Kansas (Traditional Cohort): System Wide



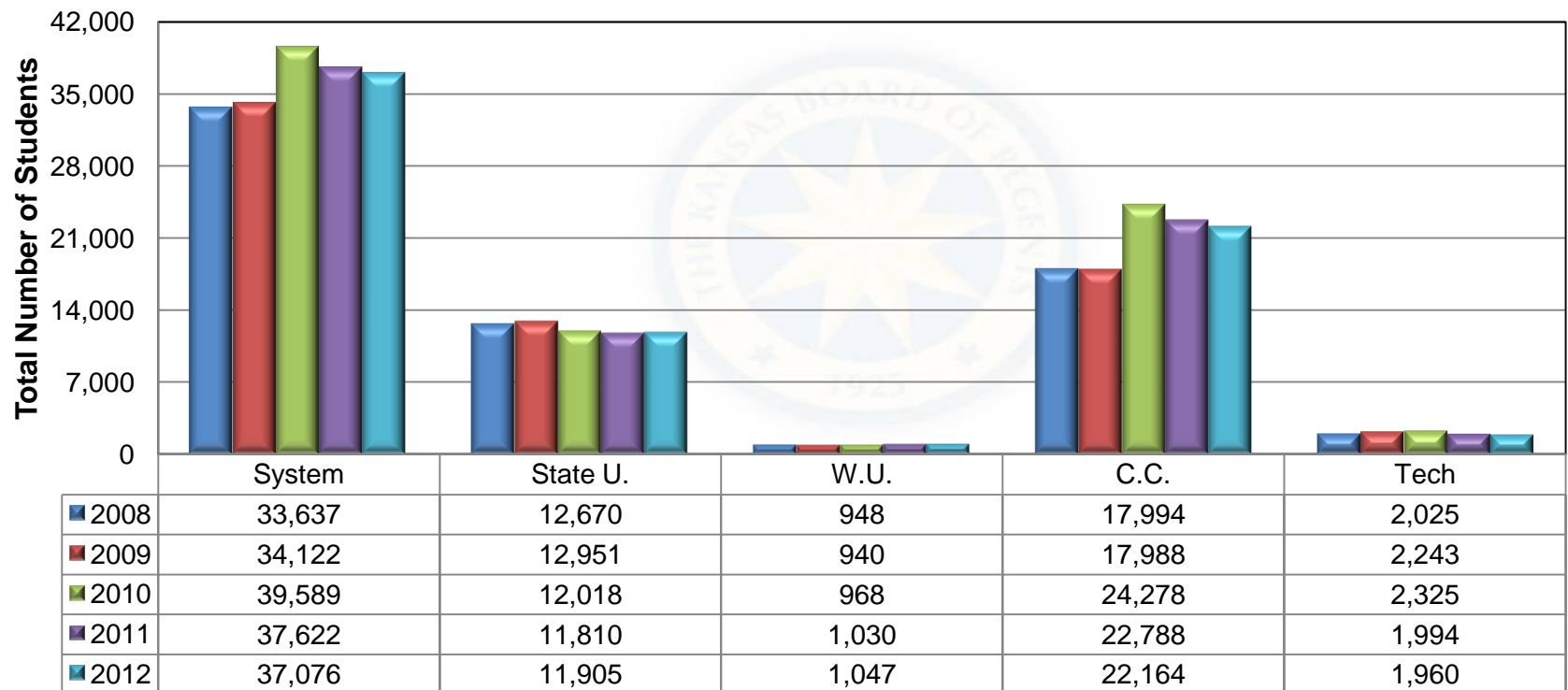


**HEADCOUNT  
TOTAL  
FIRST TIME  
ENTERING STUDENT  
POPULATION**



# First Time Entering Headcount

**Total: System Wide**

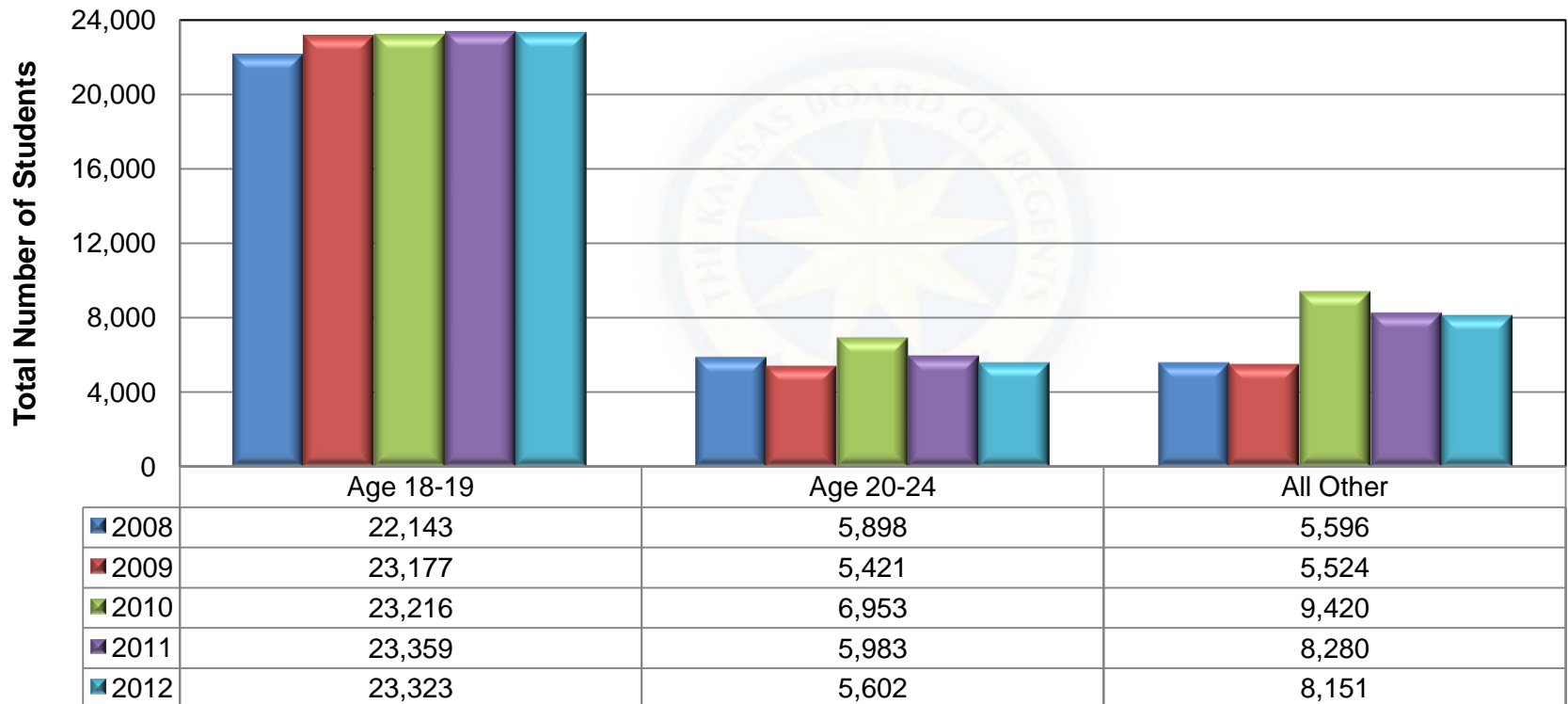






# First Time Entering Headcount

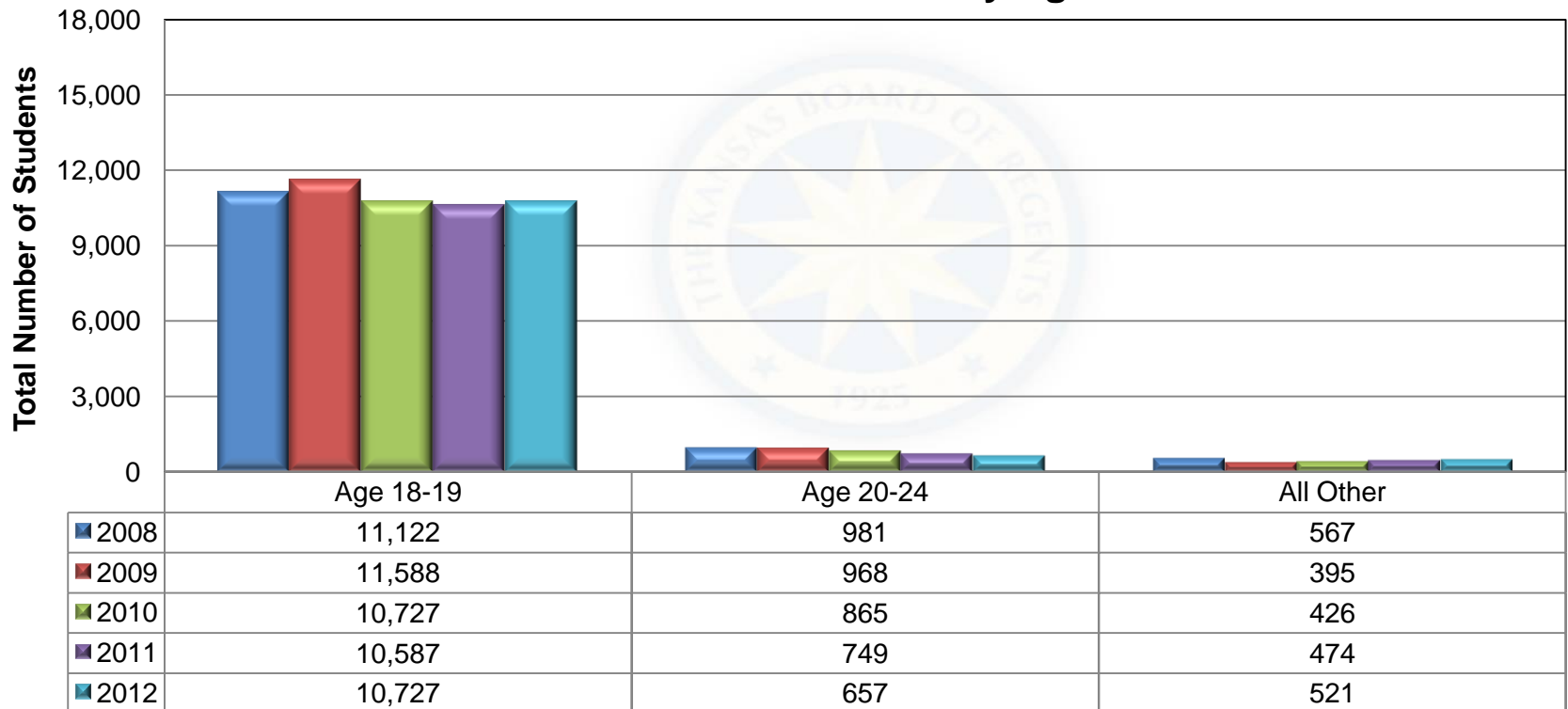
**Total: System Wide by Age**





# First Time Entering Headcount

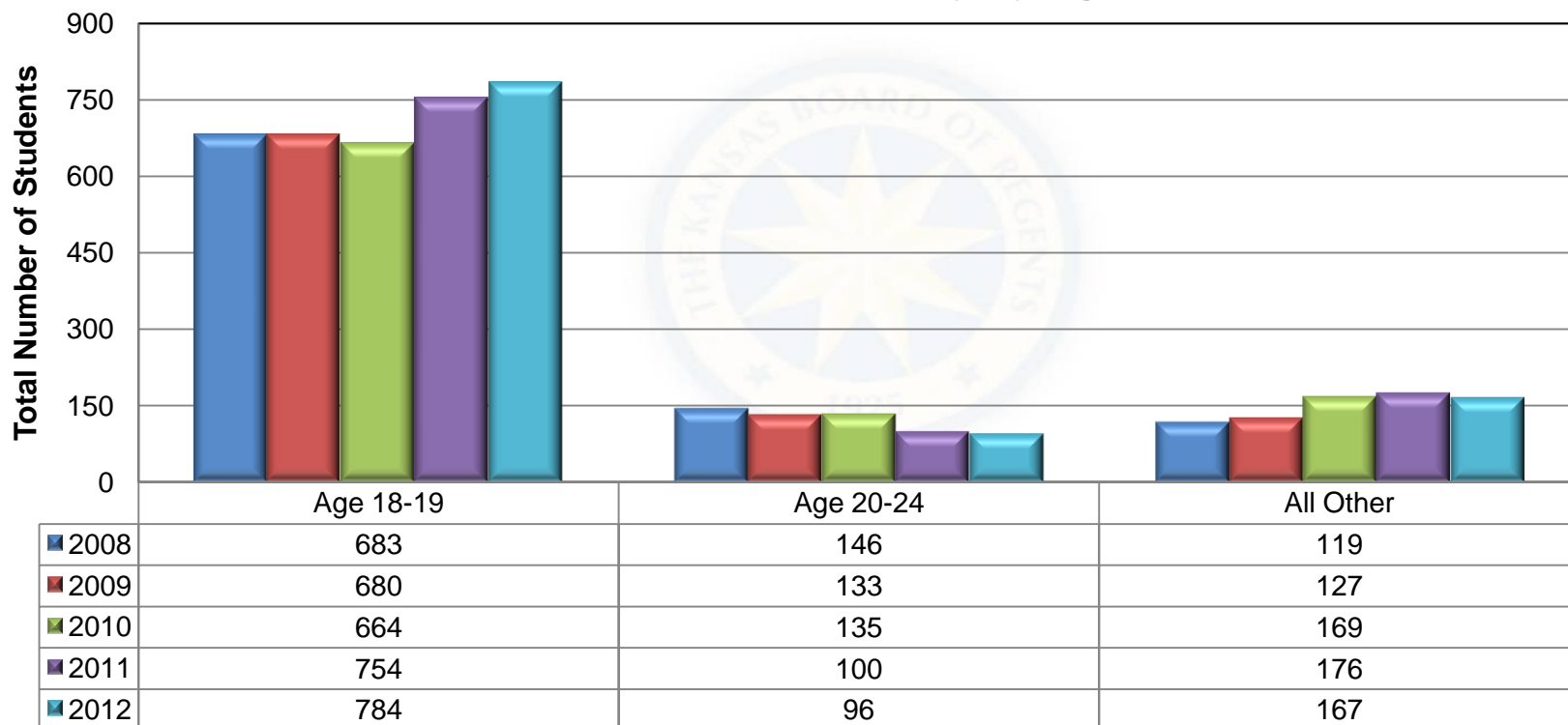
**Total: State Universities by Age**





# First Time Entering Headcount

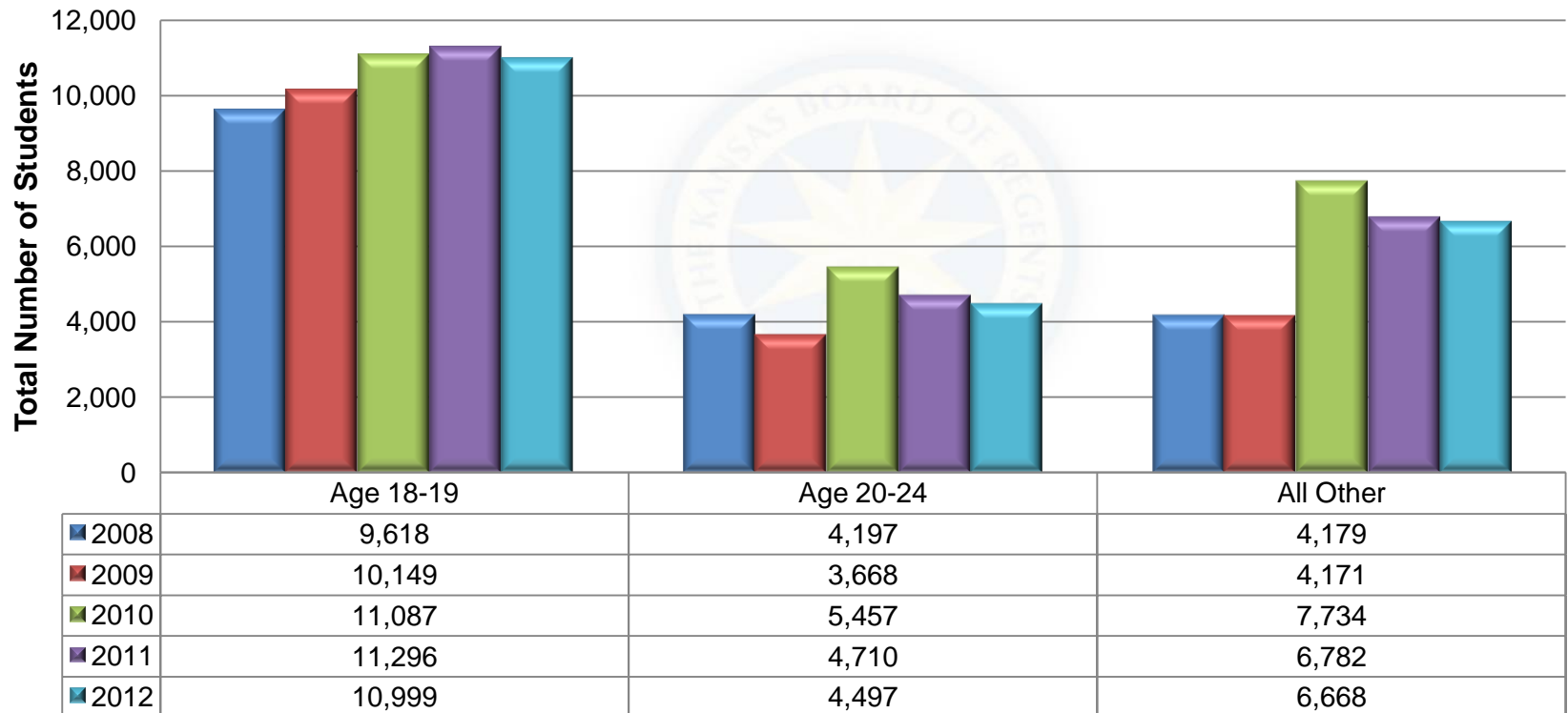
**Total: Washburn University by Age**





# First Time Entering Headcount

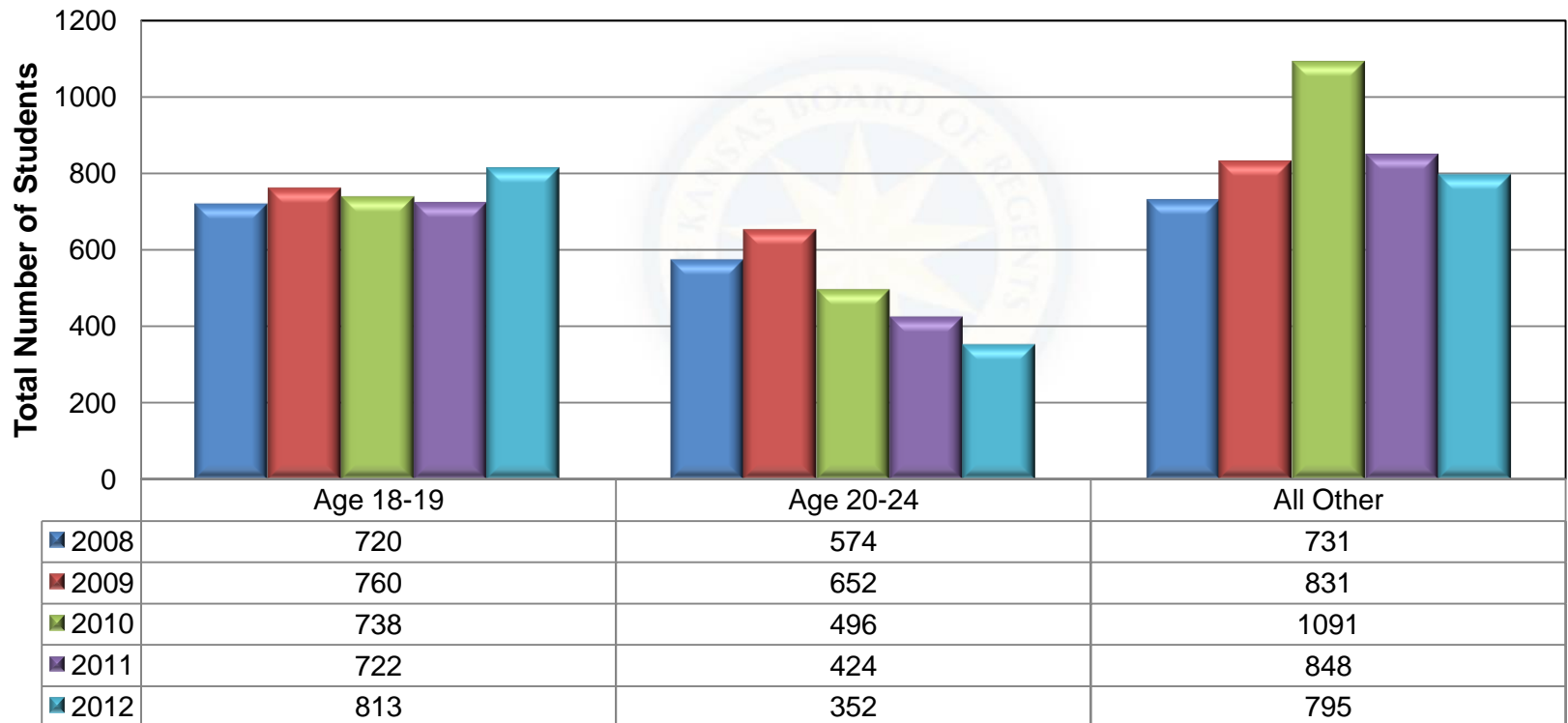
## Total: Community Colleges by Age





# First Time Entering Headcount

**Total: Technical Colleges and Institutions by Age**





# First Time Headcount Remarks

- ★ Traditional Kansas Cohort = Similar Share of Population for State Universities vs. Community Colleges
- ★ Less Traditional = Twice as Many Attend 2 Year Sector
- ★ Students Who Wait More Likely to Attend Community/Technical College

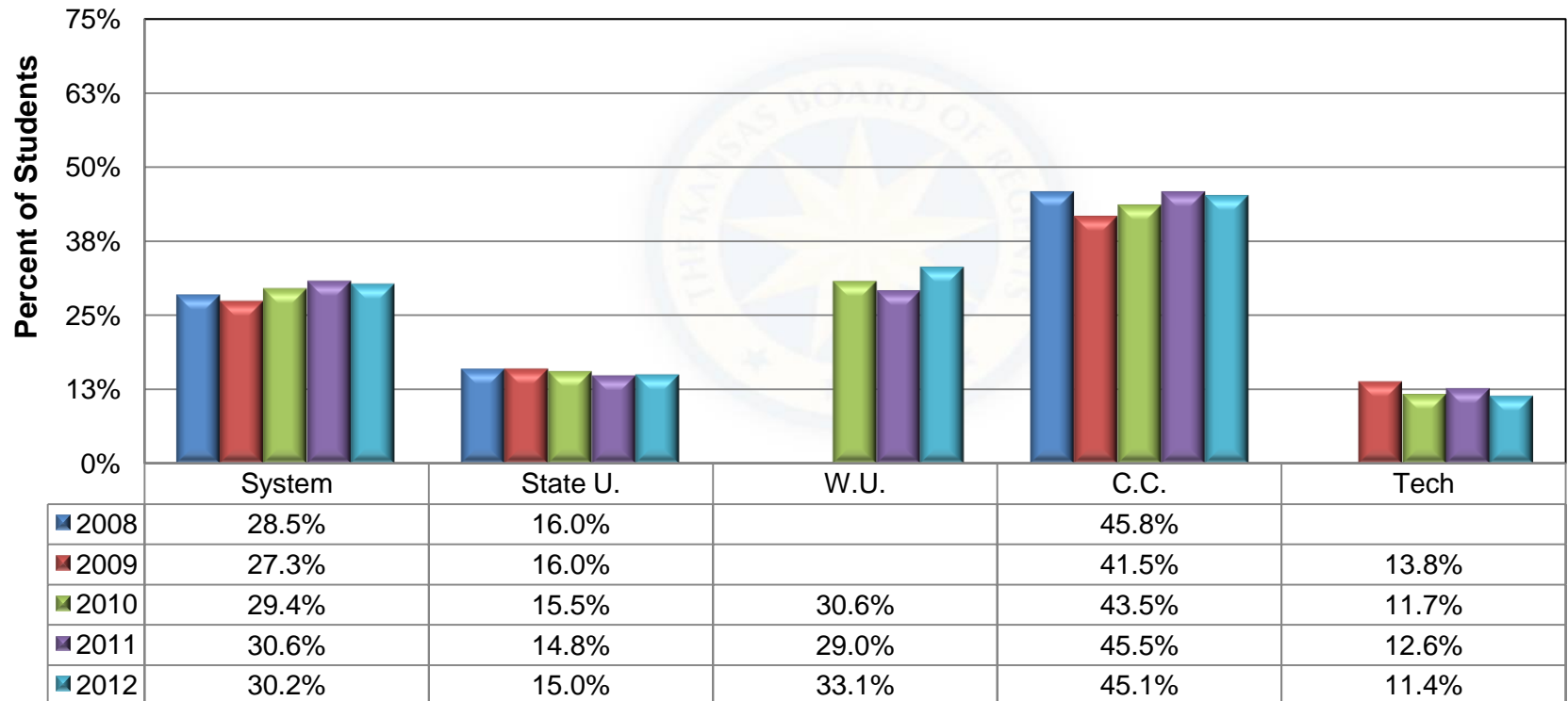


**DEVELOPMENTAL  
KANSAS  
(TRADITIONAL COHORT)  
FIRST TIME  
ENTERING STUDENT  
POPULATION**



## Developmental

### Kansas (Traditional Cohort): System Wide Overall

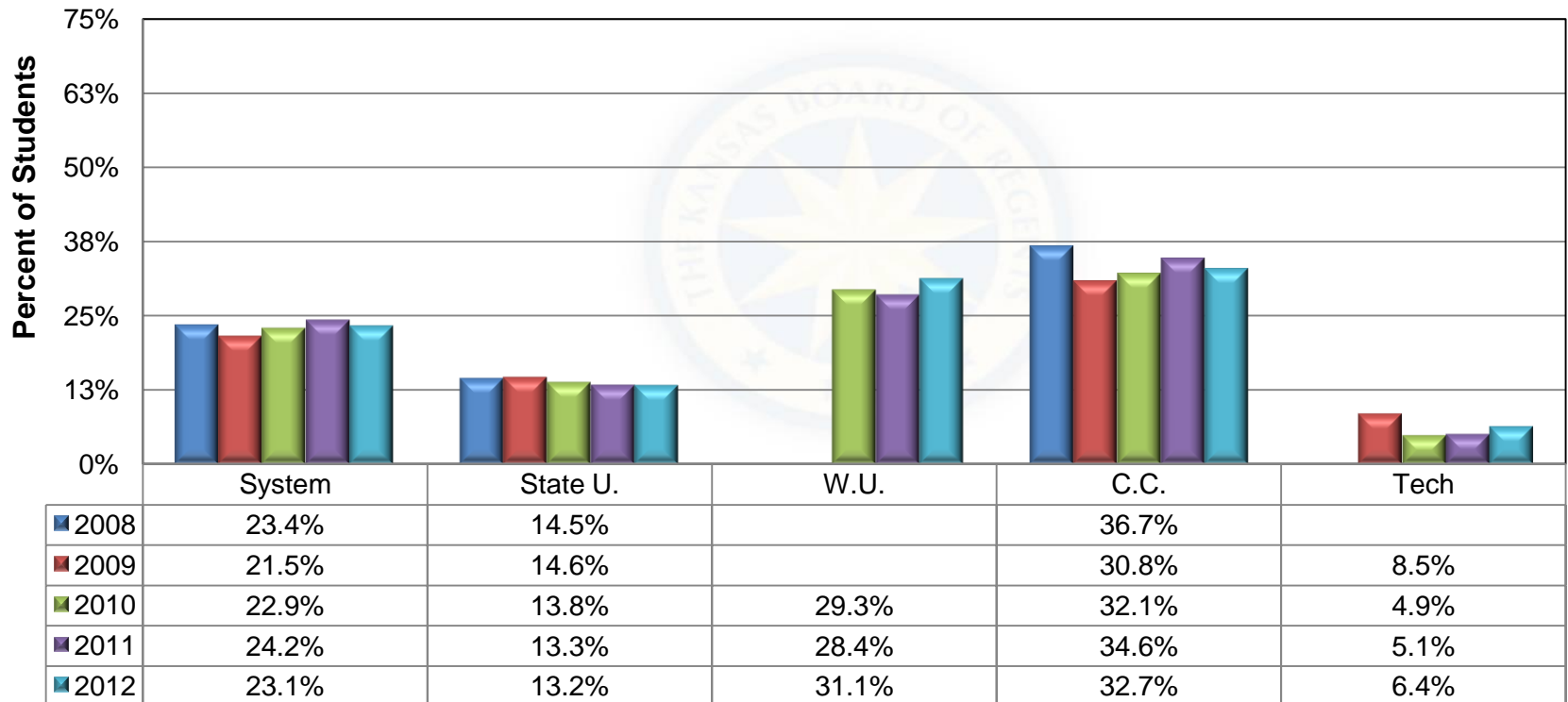






## Developmental

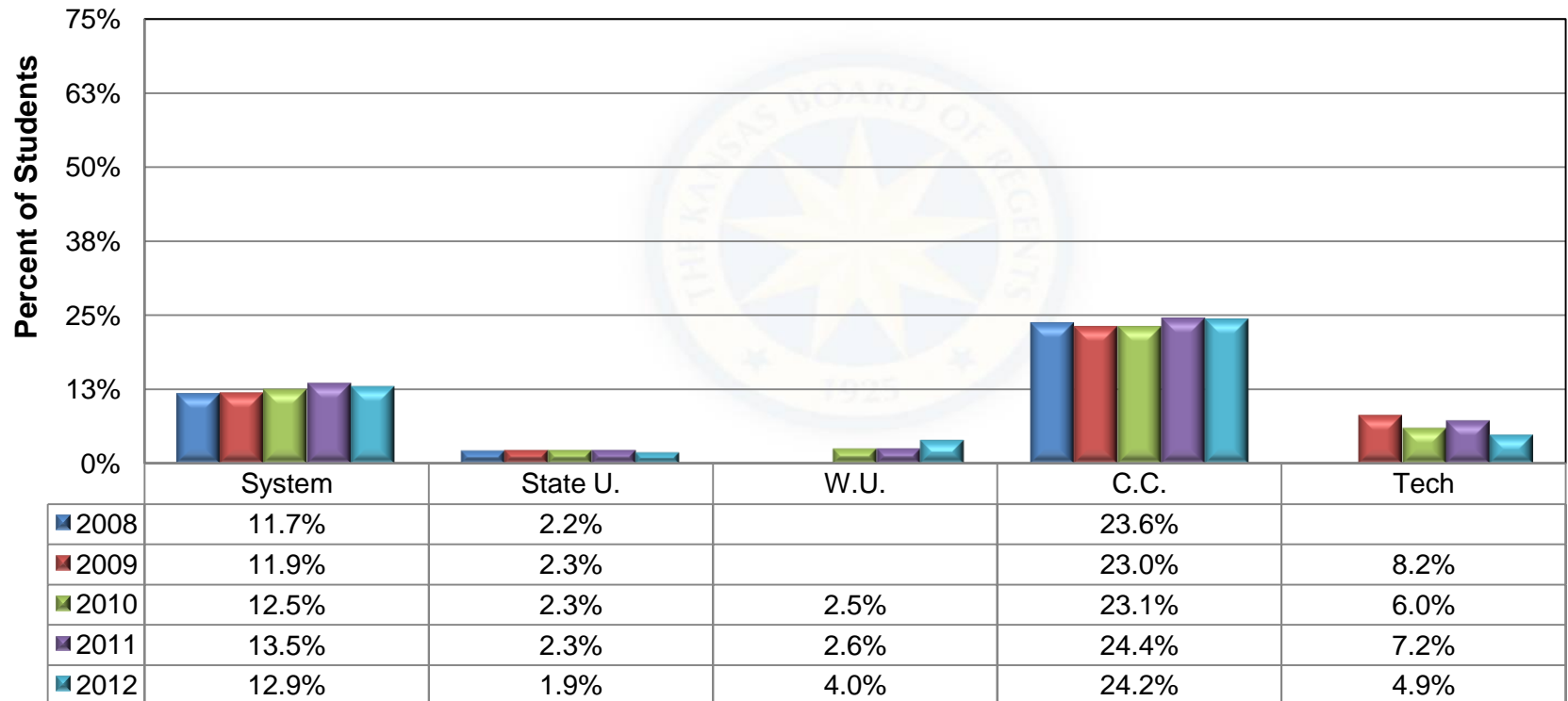
### Kansas (Traditional Cohort): System Wide Math





# Developmental

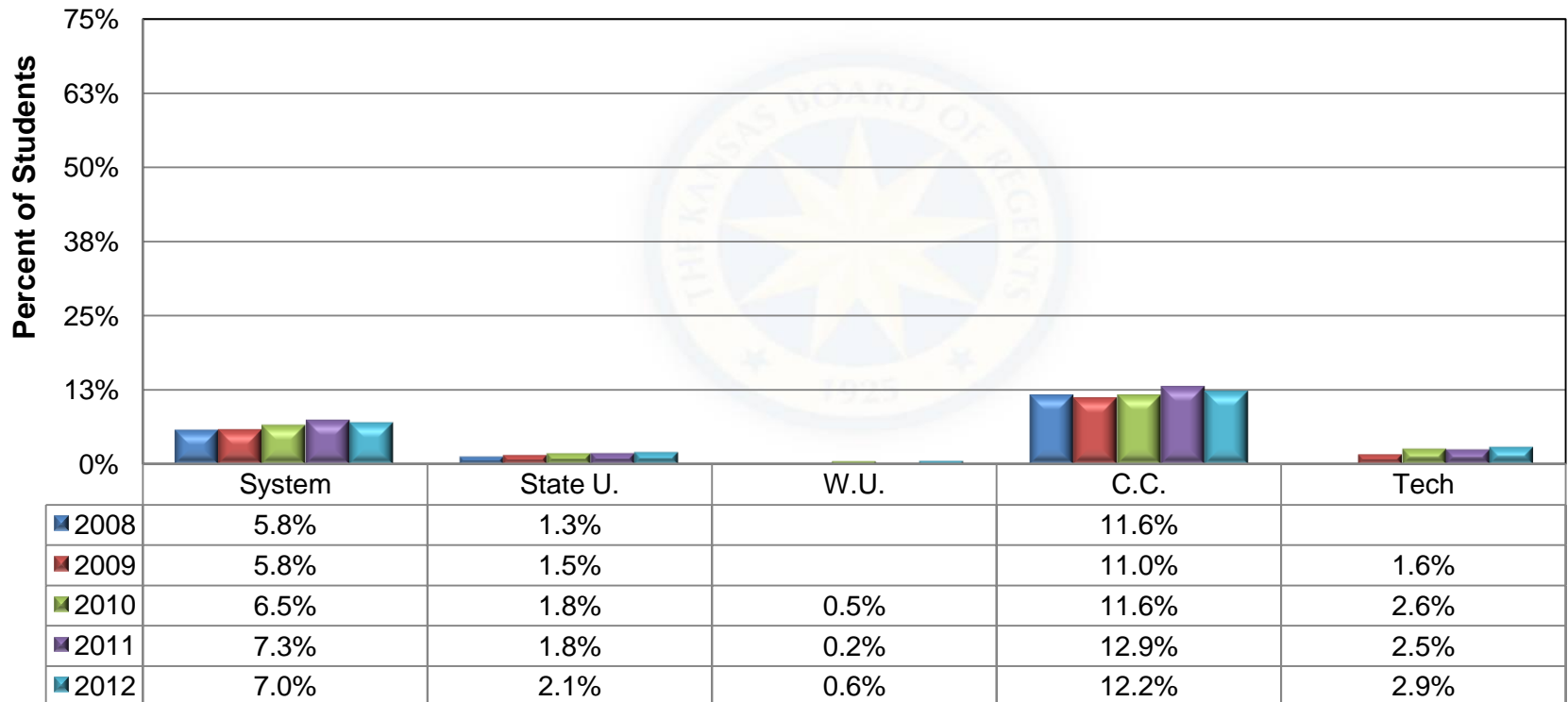
## Kansas (Traditional Cohort): System Wide English





## Developmental

### Kansas (Traditional Cohort): System Wide Reading





# Traditional KS Cohort Developmental Remarks

- ★ Test Scores Would Lead Us to Expect  
26% Developmental in Math Compared to  
23% Actual

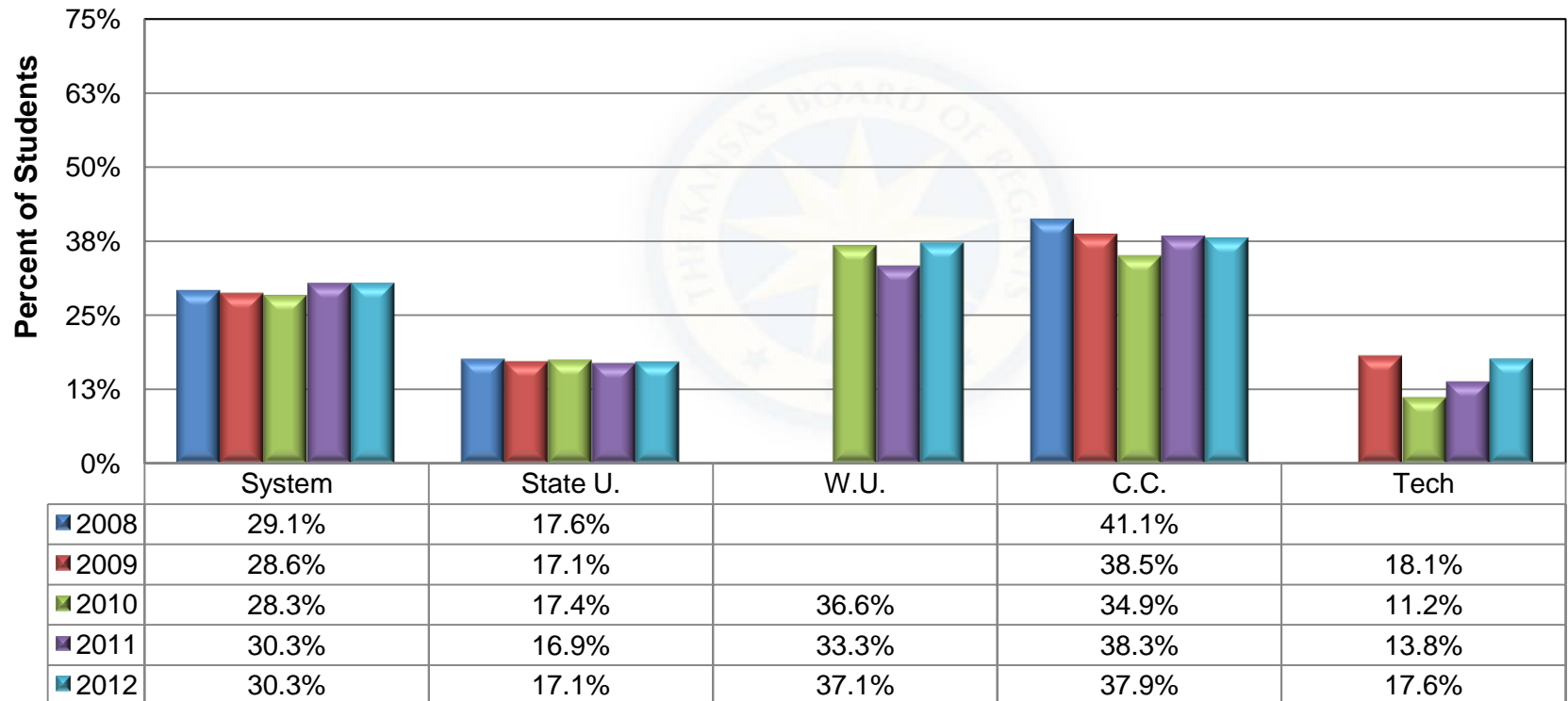


**DEVELOPMENTAL  
TOTAL  
FIRST TIME  
ENTERING STUDENT  
POPULATION**



## Developmental

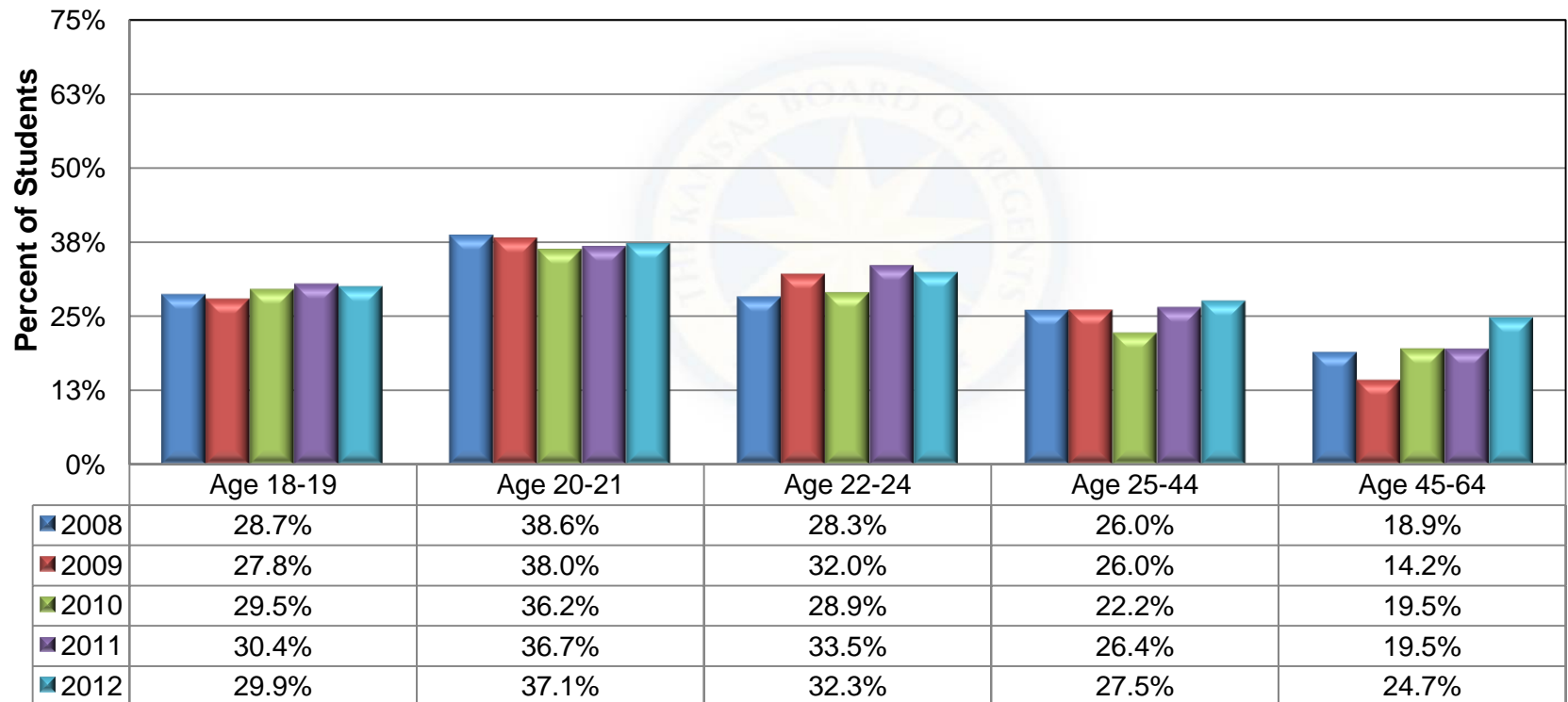
### Total First Time: System Wide Overall by Sector





## Developmental

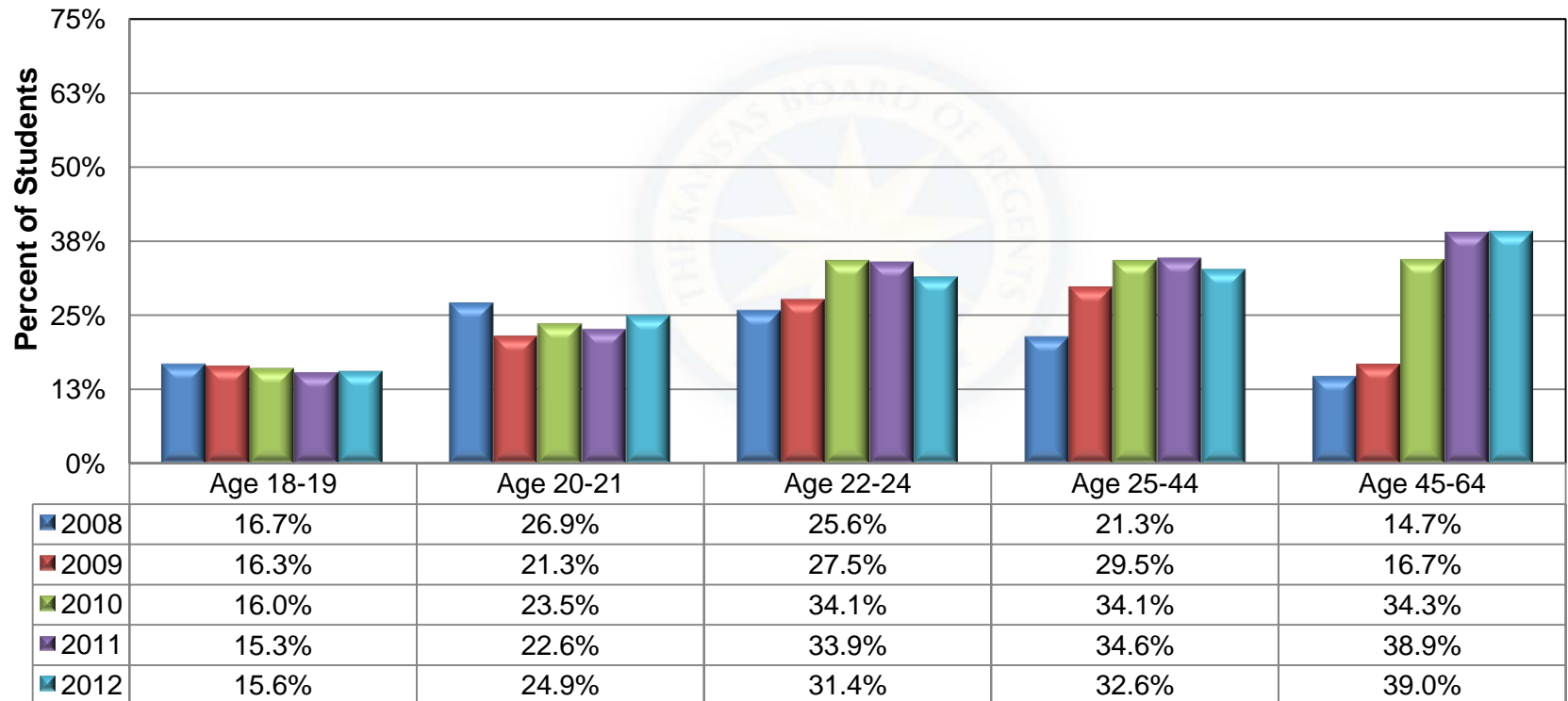
### Total First Time: System Wide Overall by Age





## Developmental

### Total First Time: State Universities Overall by Age

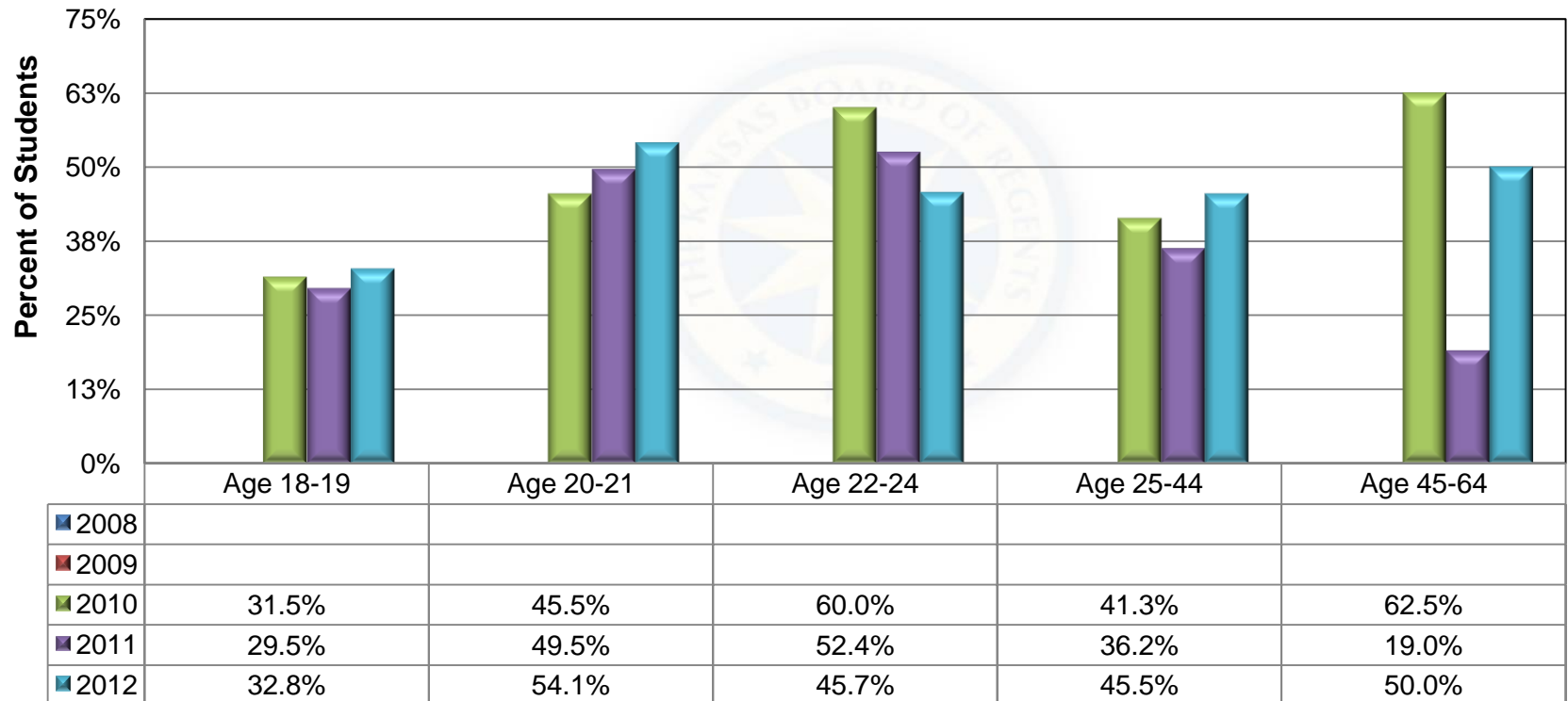






## Developmental

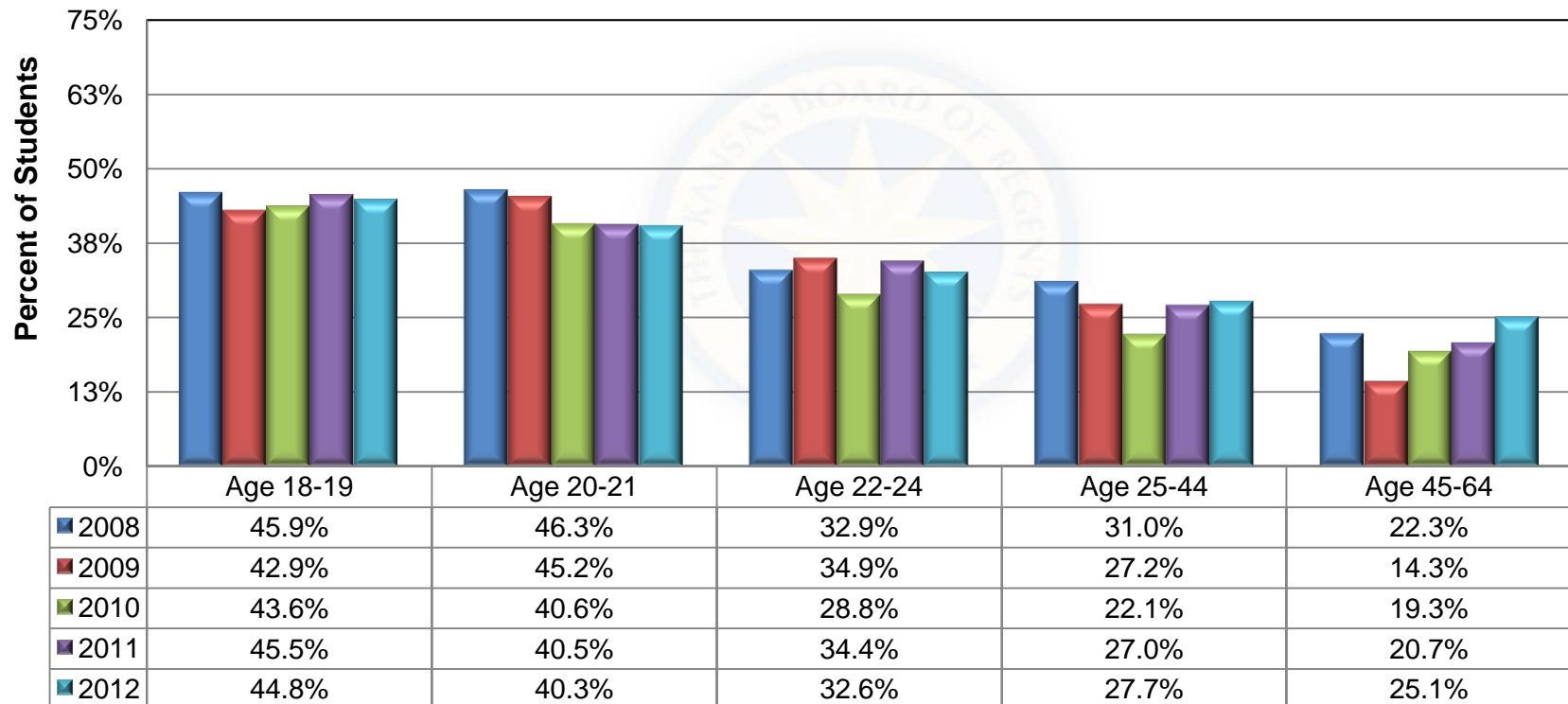
**Total First Time: Washburn University Overall by Age**





## Developmental

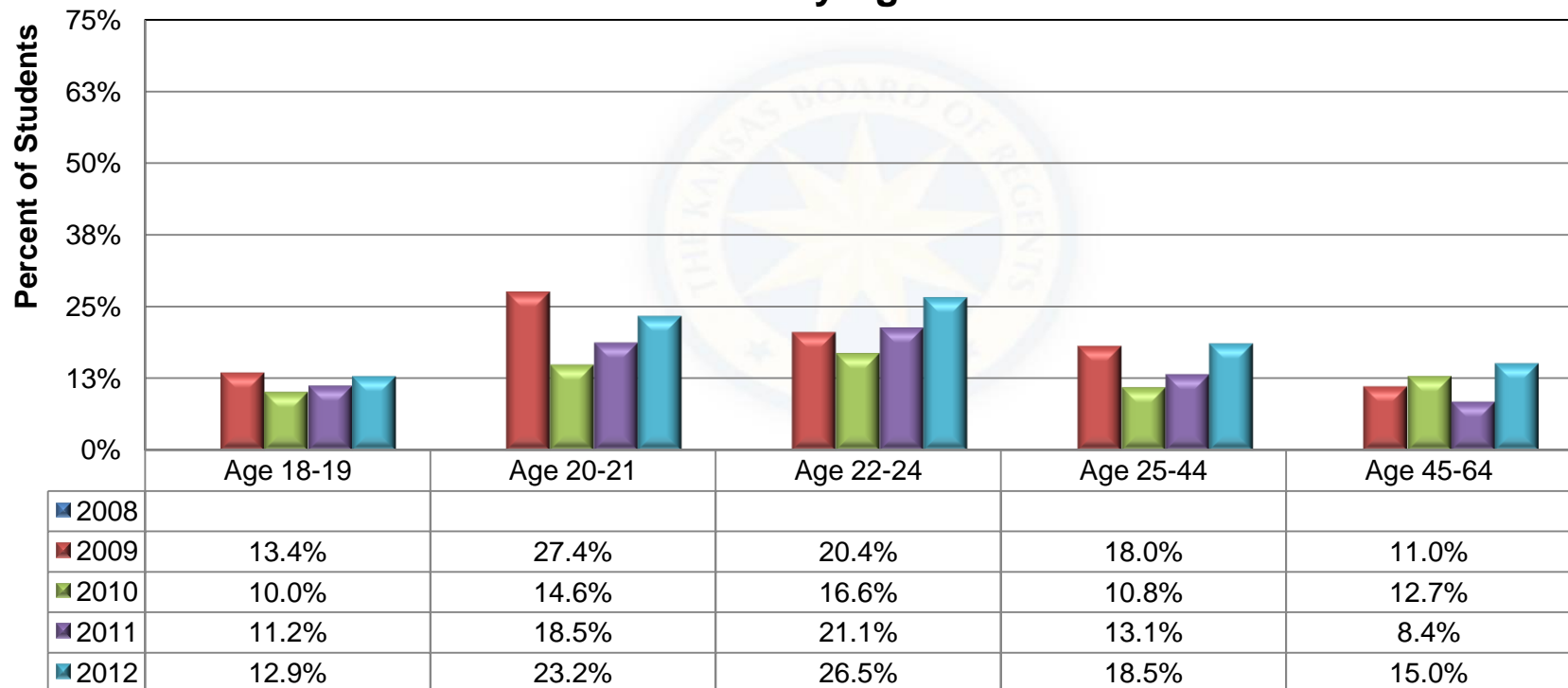
### Total First Time: Community Colleges Overall by Age





## Developmental

### Total First Time: Technical Colleges and Institution Overall by Age





# Developmental Remarks

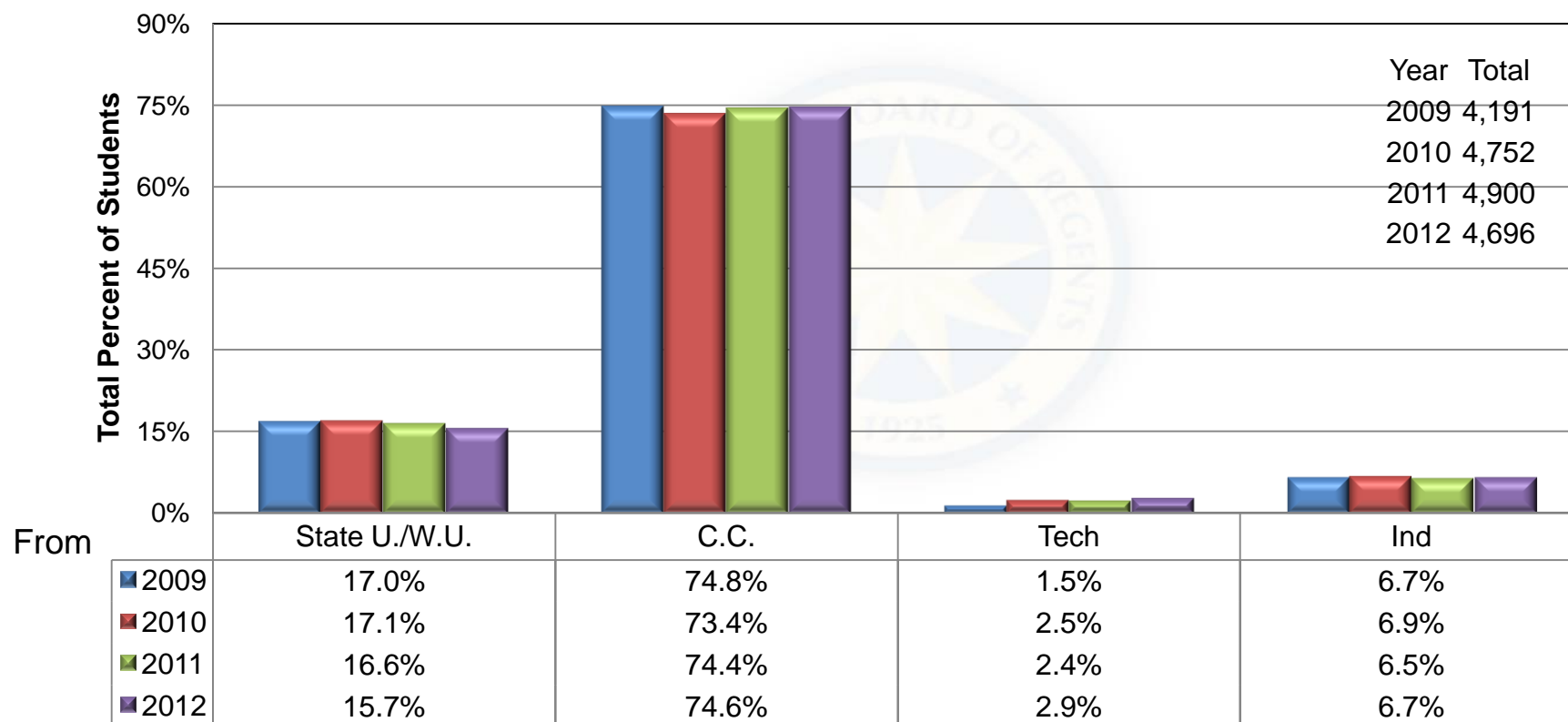
- ★ Of Students Who Wait to Attend Postsecondary
  - State University = More Likely to Enroll in Developmental with Time
  - Community College = Less Likely to Enroll in Developmental with Time



# **POPULATIONS AND CHARACTERISTICS OF TRANSFER STUDENTS**

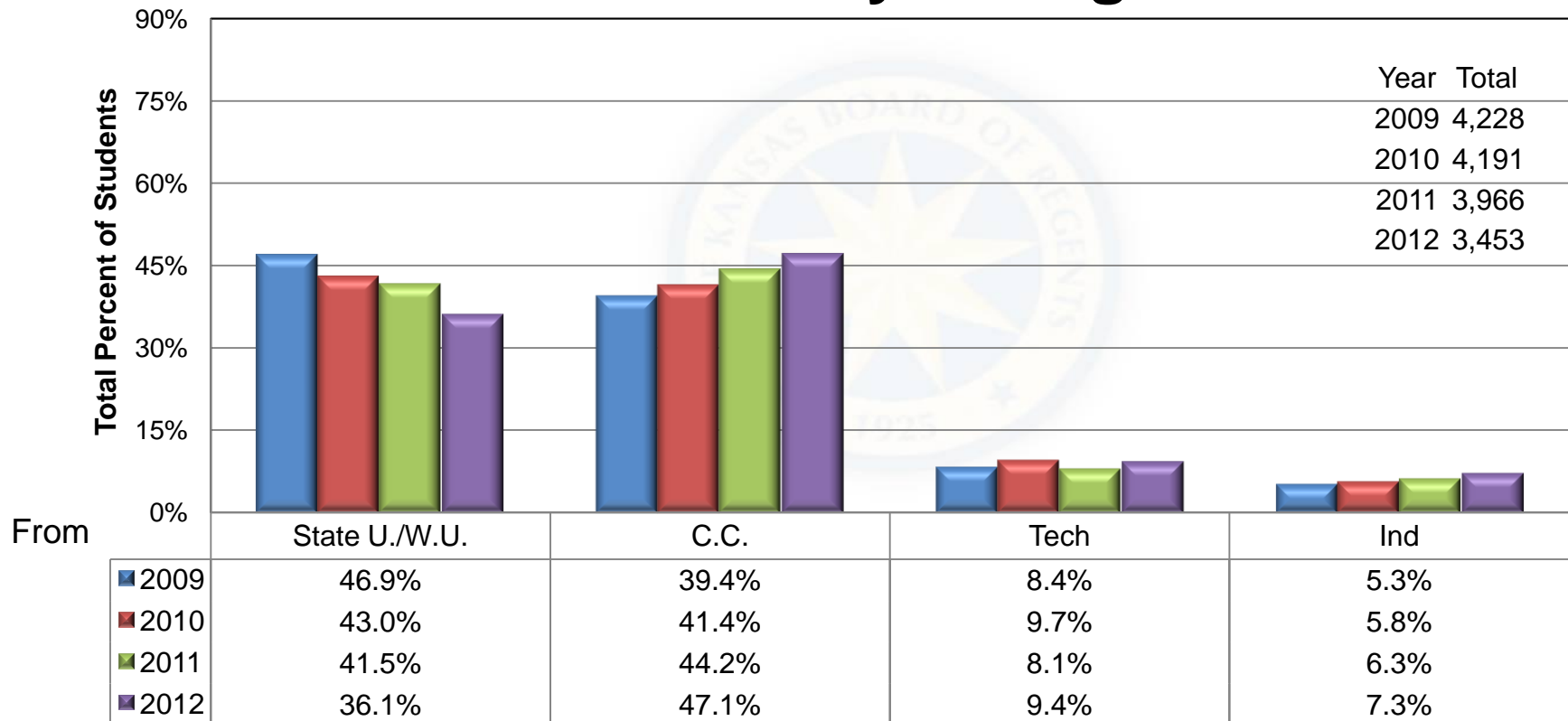


## Of Transfer Students To State Universities and Washburn



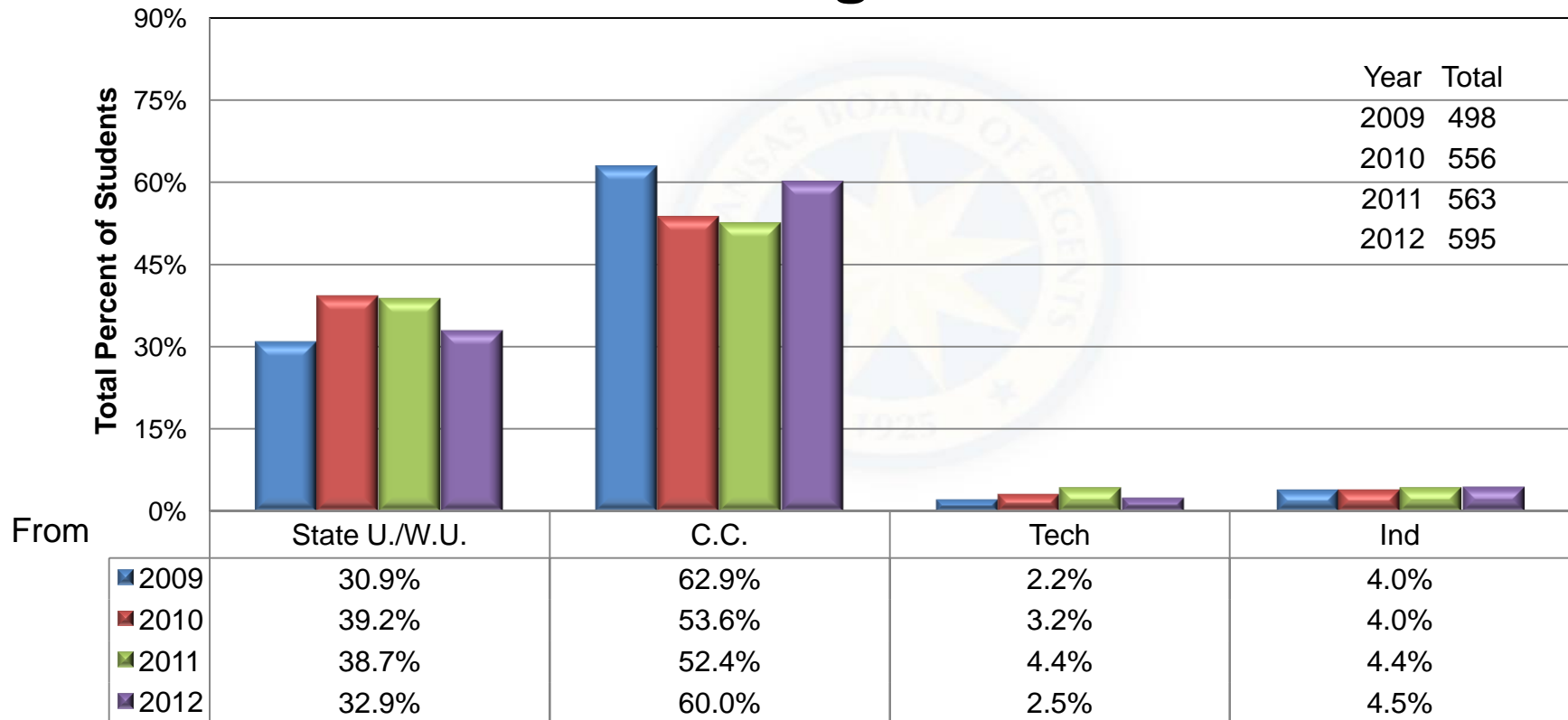


## Of Transfer Students To Community Colleges





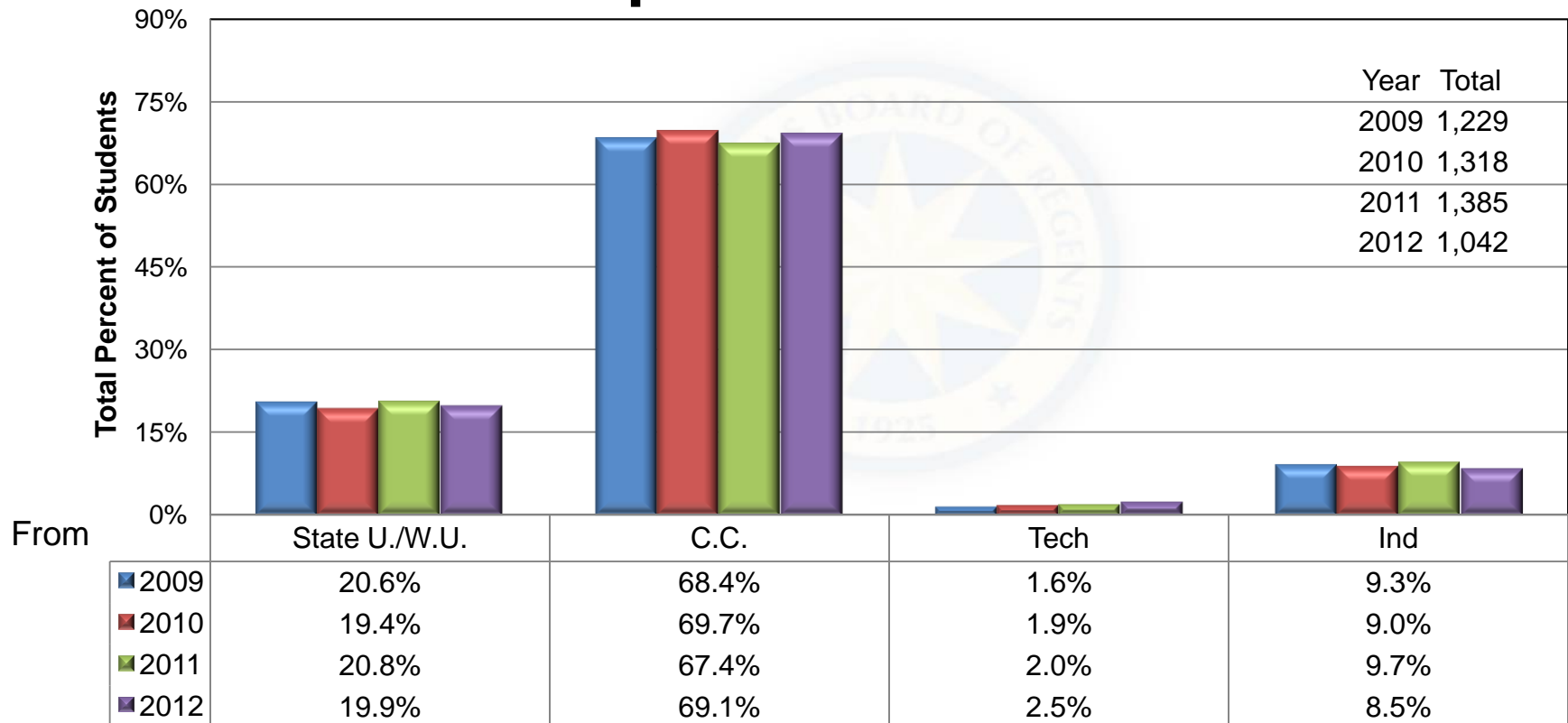
## Of Transfer Students To Technical Colleges or Institutions







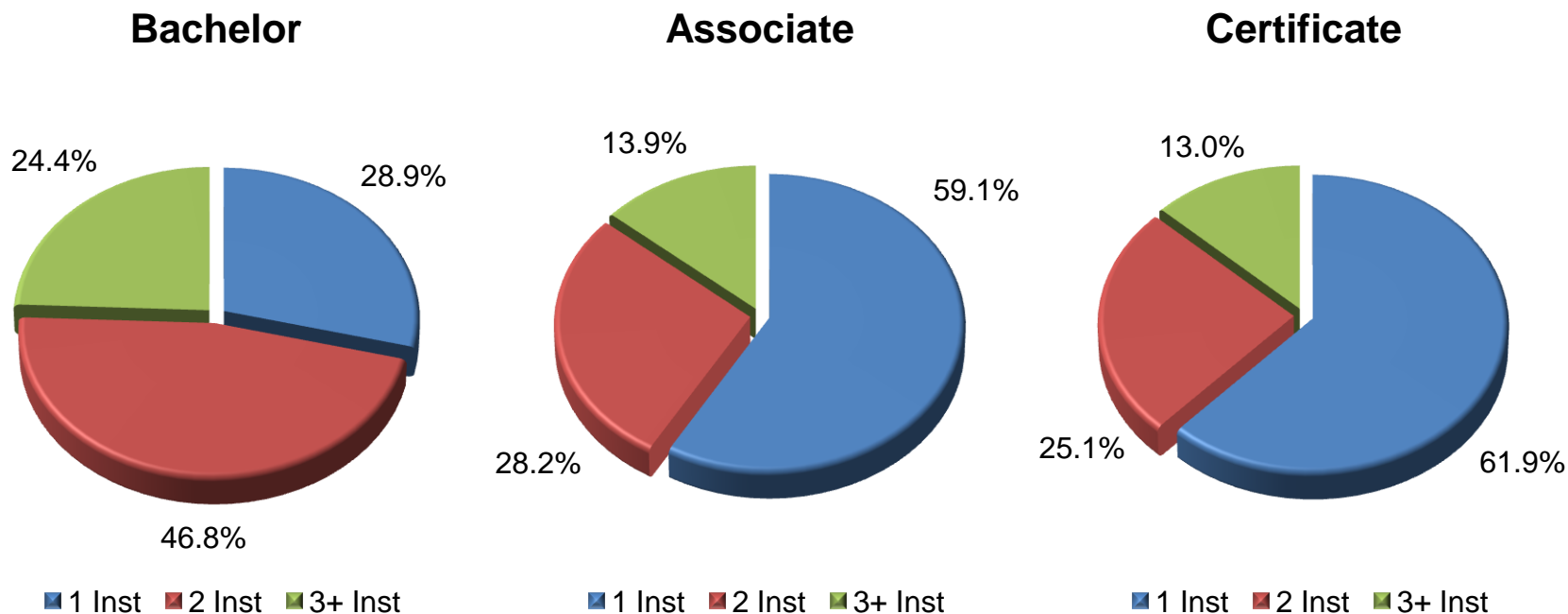
## Of Transfer Students To Independent Institutions





# Undergraduate Awards

## By Number of Kansas Public Institutions Attended





# Transfer Students Remarks

- ★ Students are Highly Mobile with 71% Attending Multiple Institutions to Complete a Bachelor's Degree
- ★ Less Students Transferring from State Universities to Community Colleges
- ★ More Students Transferring from Community Colleges to Community Colleges



## Final Remarks

- ★ As Economy Improves, Enrollments Likely to Remain Flat
- ★ No New Influx of Students from High School Expected in Near Future
- ★ Even With Strategies Such as Transferability, Flexibility through Distance Education, and New Initiatives, Recent Enrollments Have Been Flat
- ★ Even More Important to Look for New Opportunities and Innovative Strategies



# Questions?

Next Up: Kansas Higher  
Education Reporting System  
Prototype Demonstration