

An aerial photograph of a rural landscape. The image shows a patchwork of green and brown agricultural fields, a winding road, and a small house with a blue roof. The text is overlaid on the image in a white, serif font.

# Local Area Update Emporia, Lyon County, and Surrounding Areas

Bekah Selby

ESU Center for Community Research

Emporia Outlook Conference

October 14, 2022

# MAJOR TOPICS FOR TODAY

---

Census Snapshot

---

Labor Market Health

---

Goods Market Health

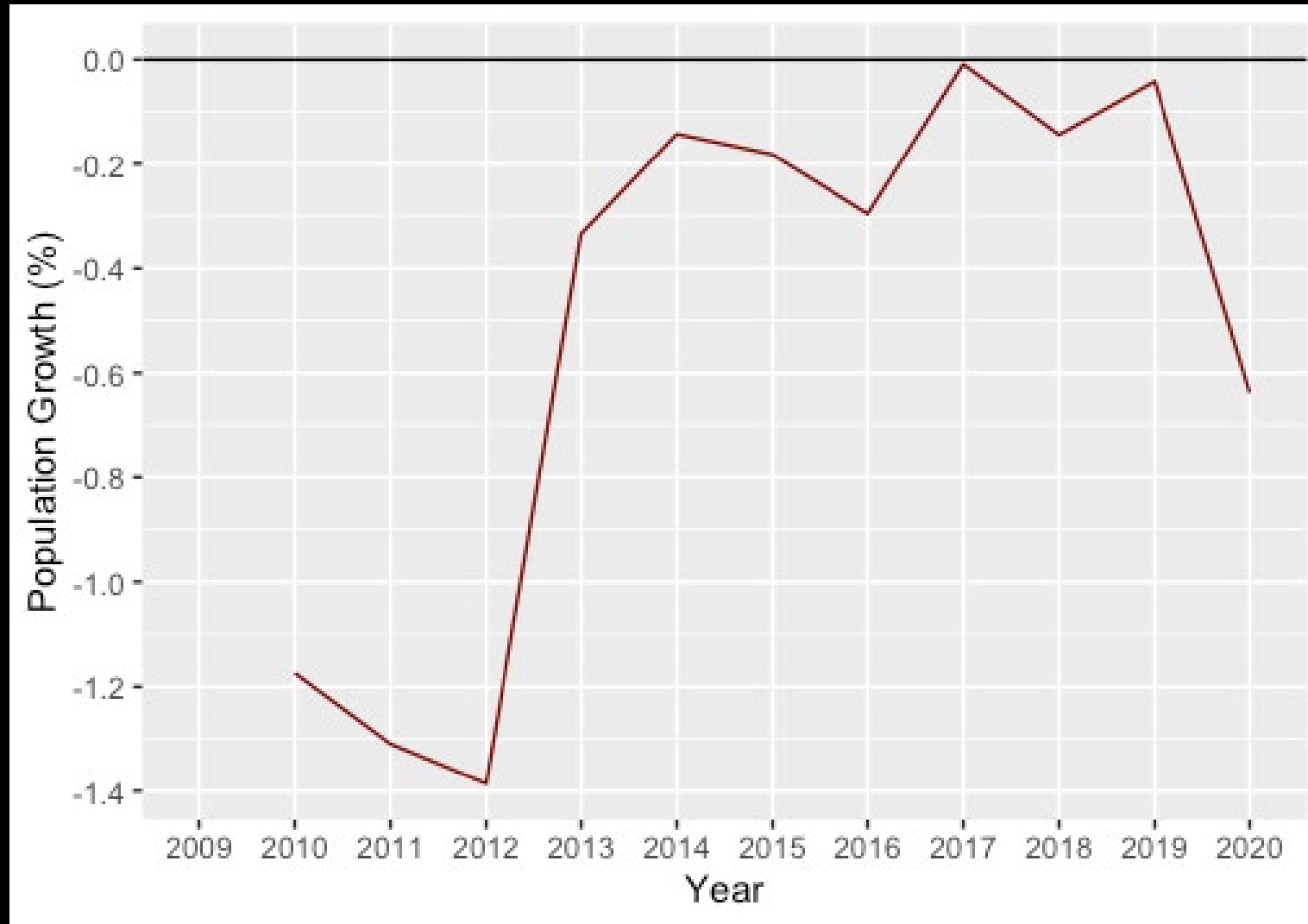
---

Inflation & Recession Concerns



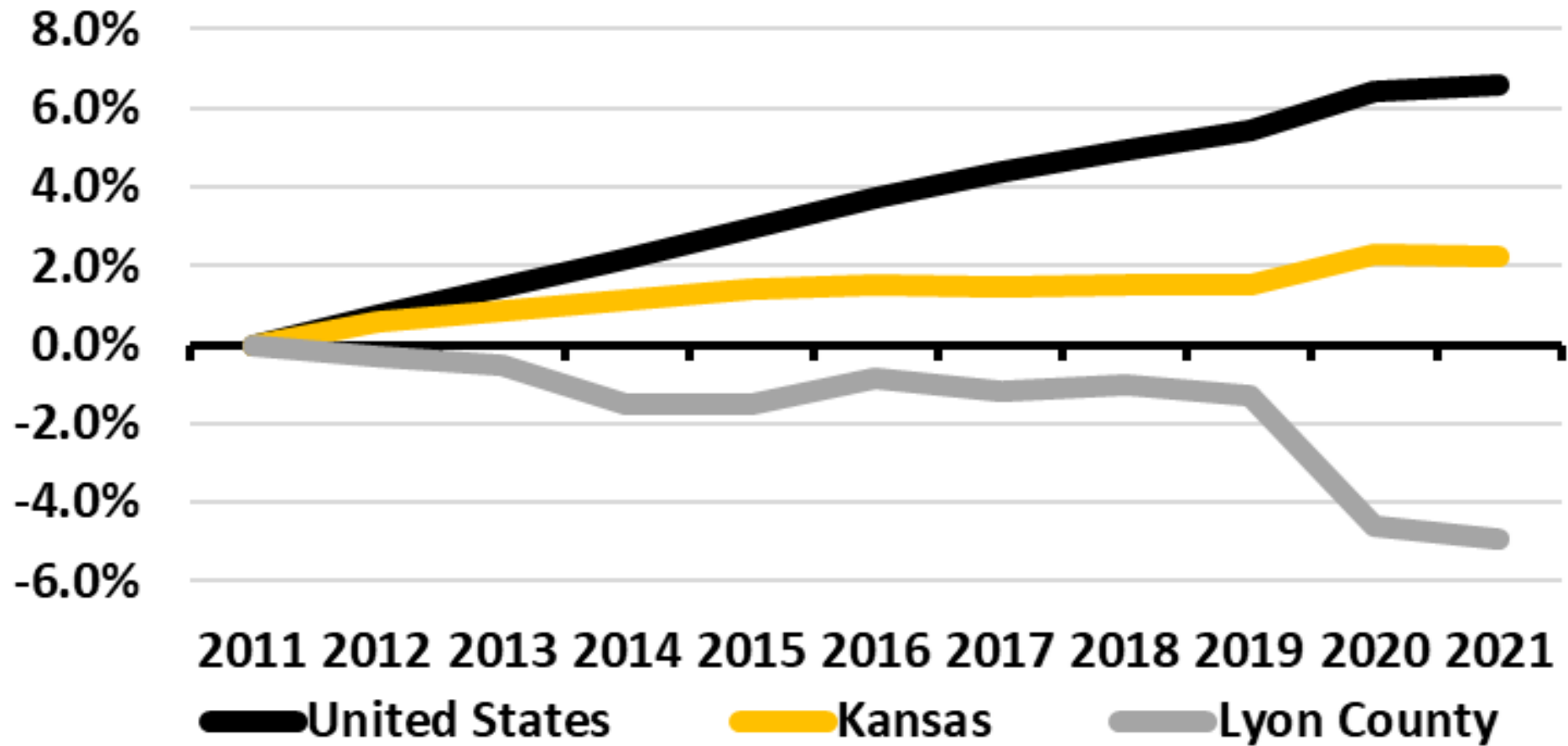
# Population Trends

# Population in Lyon County



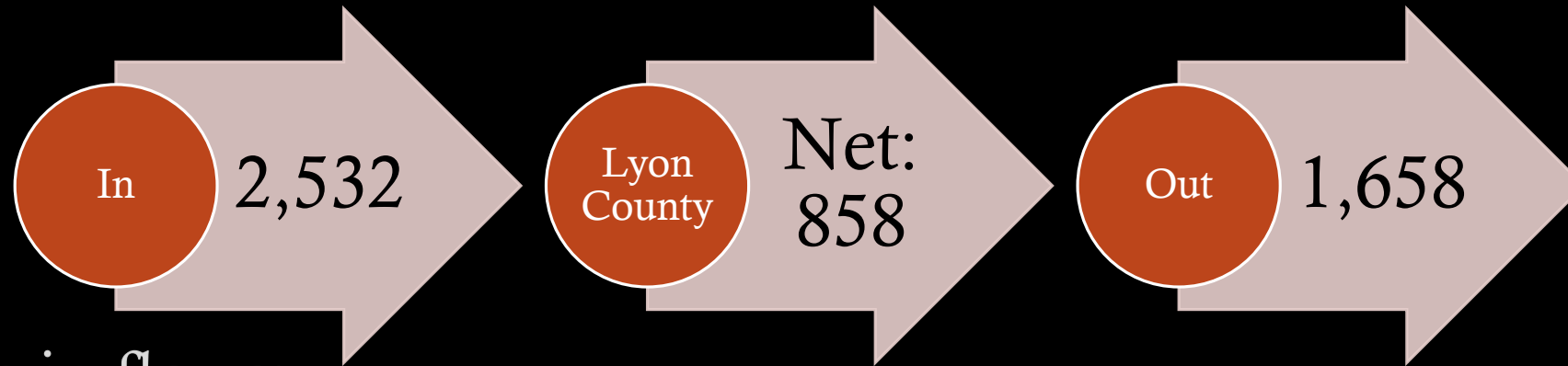
*Source: ESU Center for Community Research, Census ACS 5 Year Estimates*

## Lyon County Population Growth



Source: CEDBR, Census, (Cumulative)

# Estimate of Migration Flows (2015-2019)



## Top five in-flows:

1. Sedgwick County
2. Johnson County
3. Morton County
4. Shawnee County
5. Osage County

## Top five out-flows:

1. Sedgwick County
2. Shawnee County
3. Johnson County
4. Coffey County
5. Osage County

# Census Snapshot



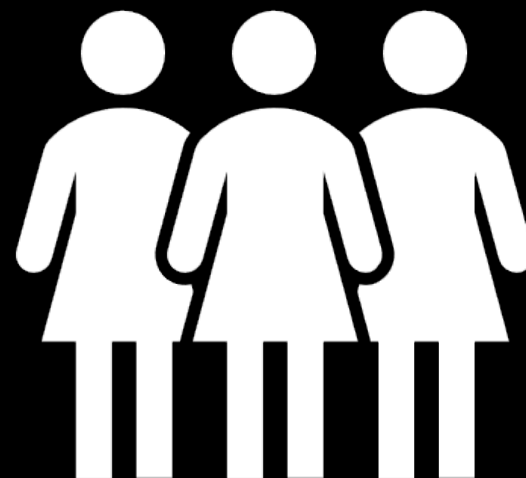
## Households

Lyon County: 13,561  
Emporia: 10,044



## Race and Ethnicity

	<u>%White</u>	<u>%Hispanic</u>
Lyon County	70%	22.7%
Emporia	63.4%	27.7%
Kansas	74.7%	12.7%
USA	59.3%	18.9%



## Female

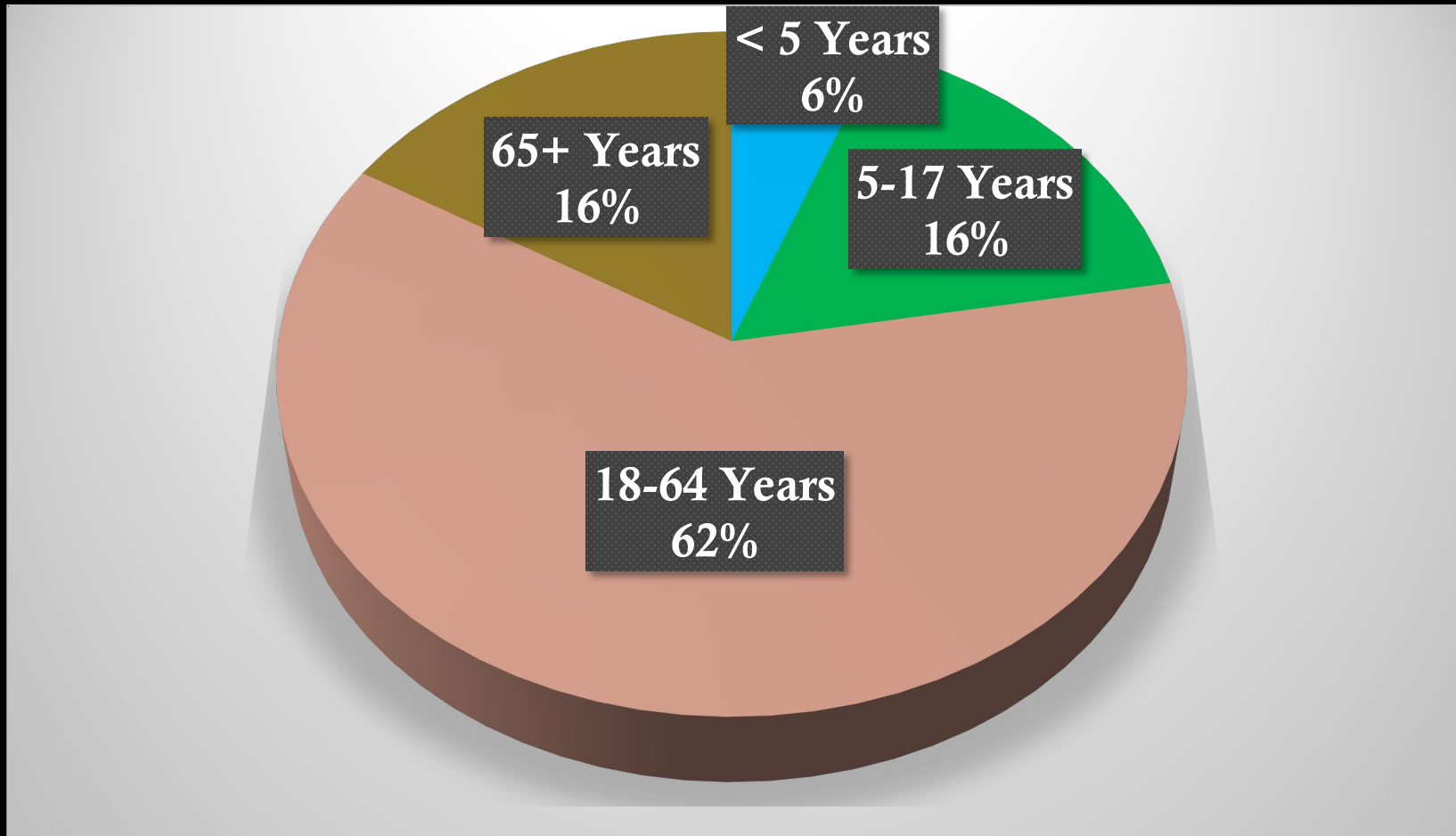
Lyon County: 51%  
Emporia: 51.7%  
Kansas: 49.9%  
USA: 50.5%



## Bachelor's+

Lyon County: 26.9%  
Emporia: 26.7%  
Kansas: 33.9%  
USA: 32.9%

# Lyon County Demographics





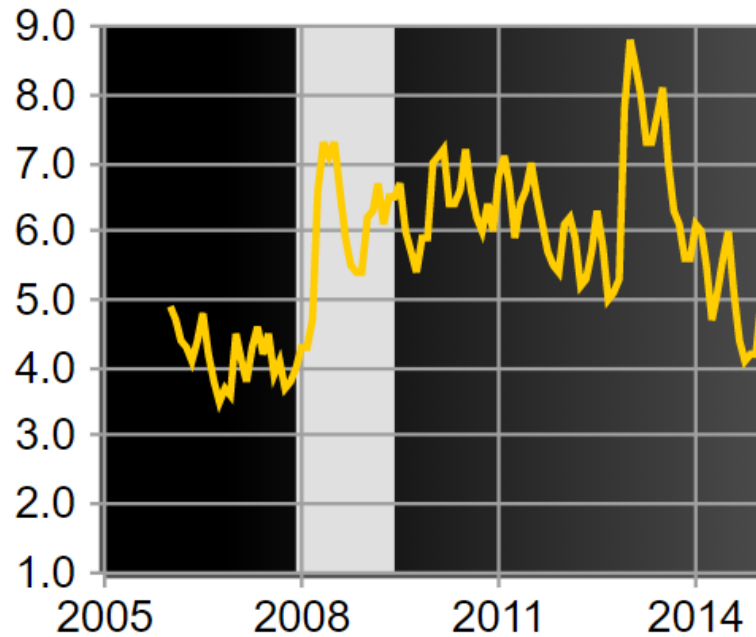


# Labor Market Health

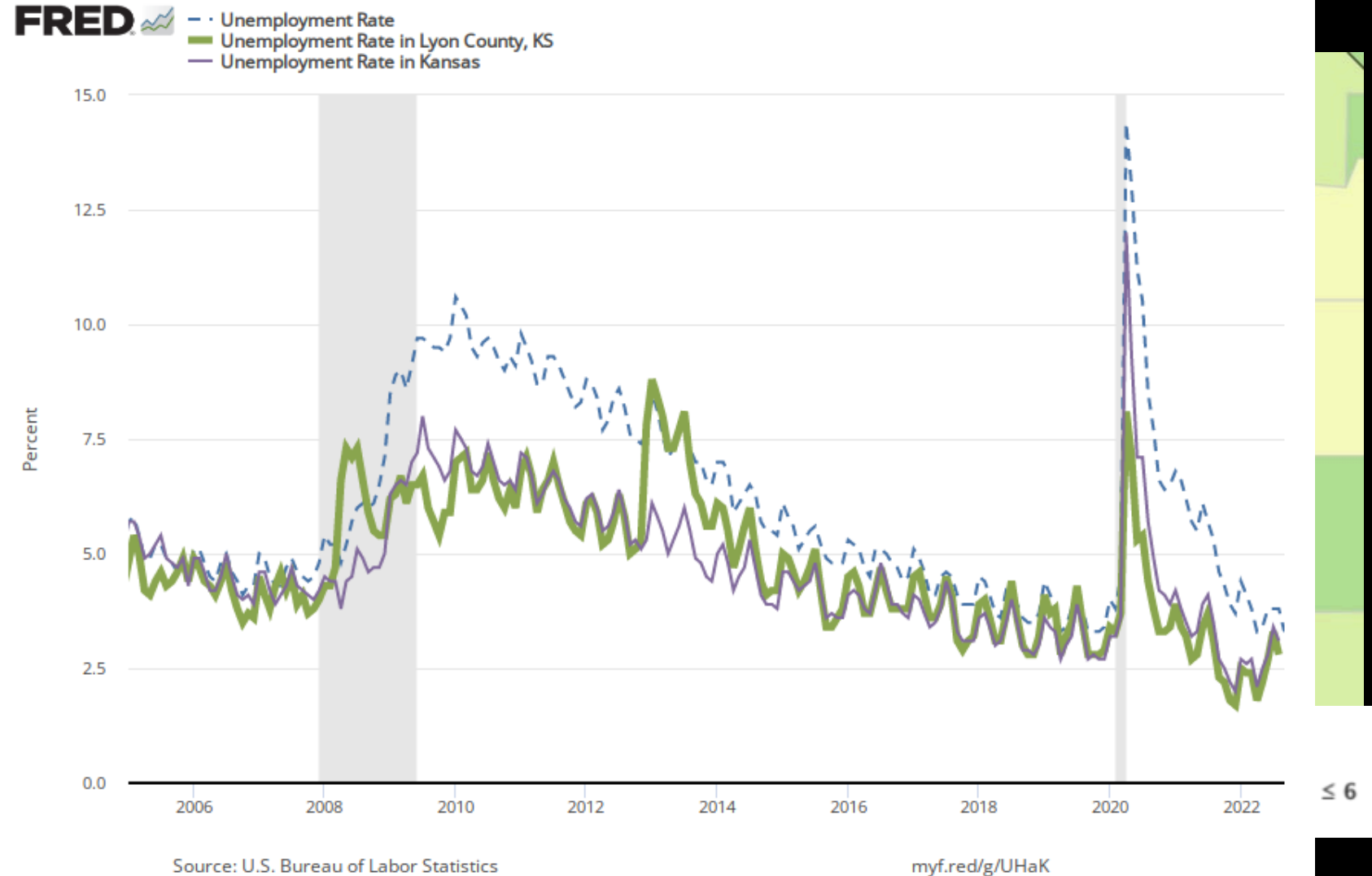
# Unemployment Rate

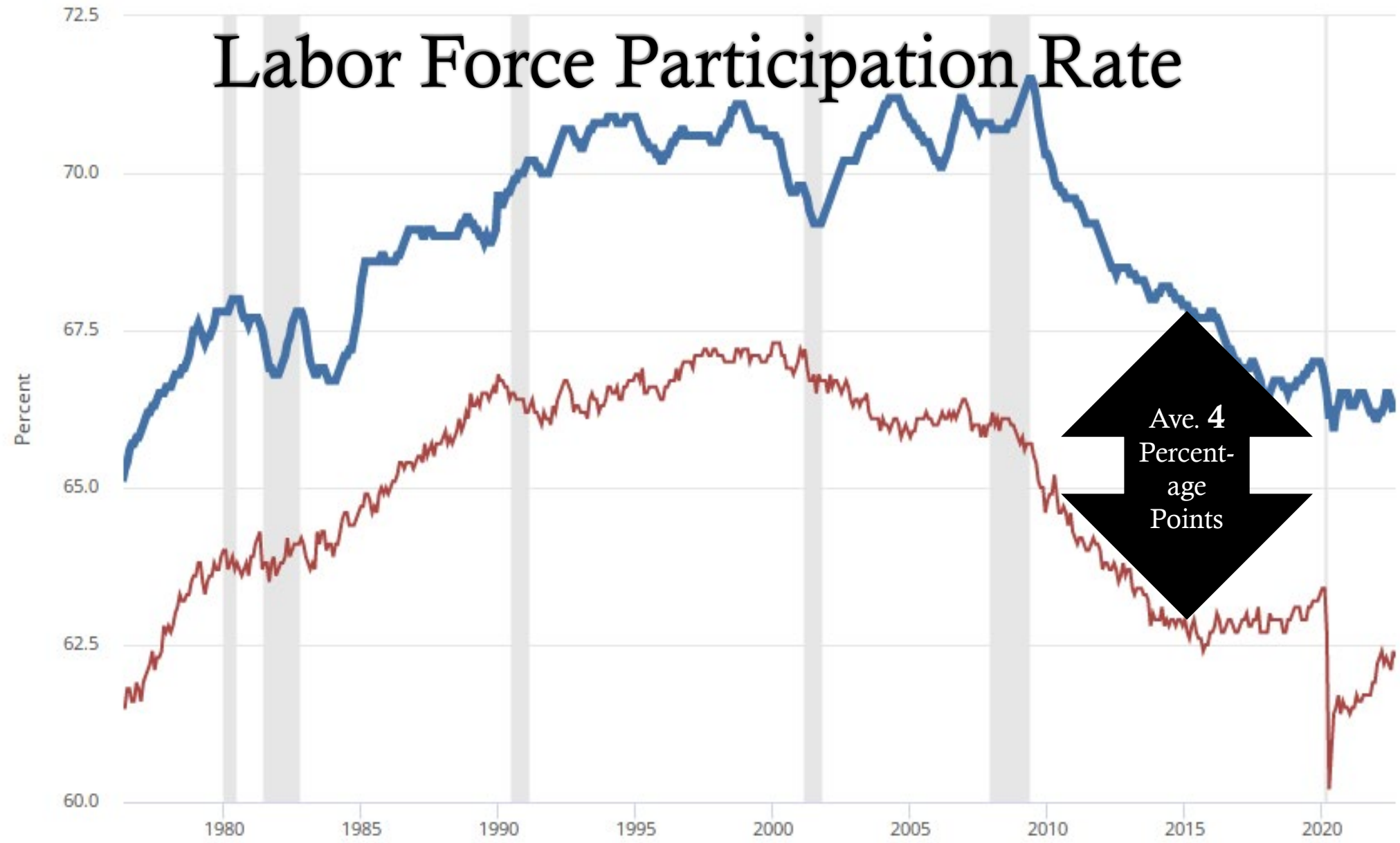
Click to Compare to  
Kansas and USA

Unemployment Rate - Lyon Cou  
Force (not seasonall



Source: CEDBR, BLS - LAUS



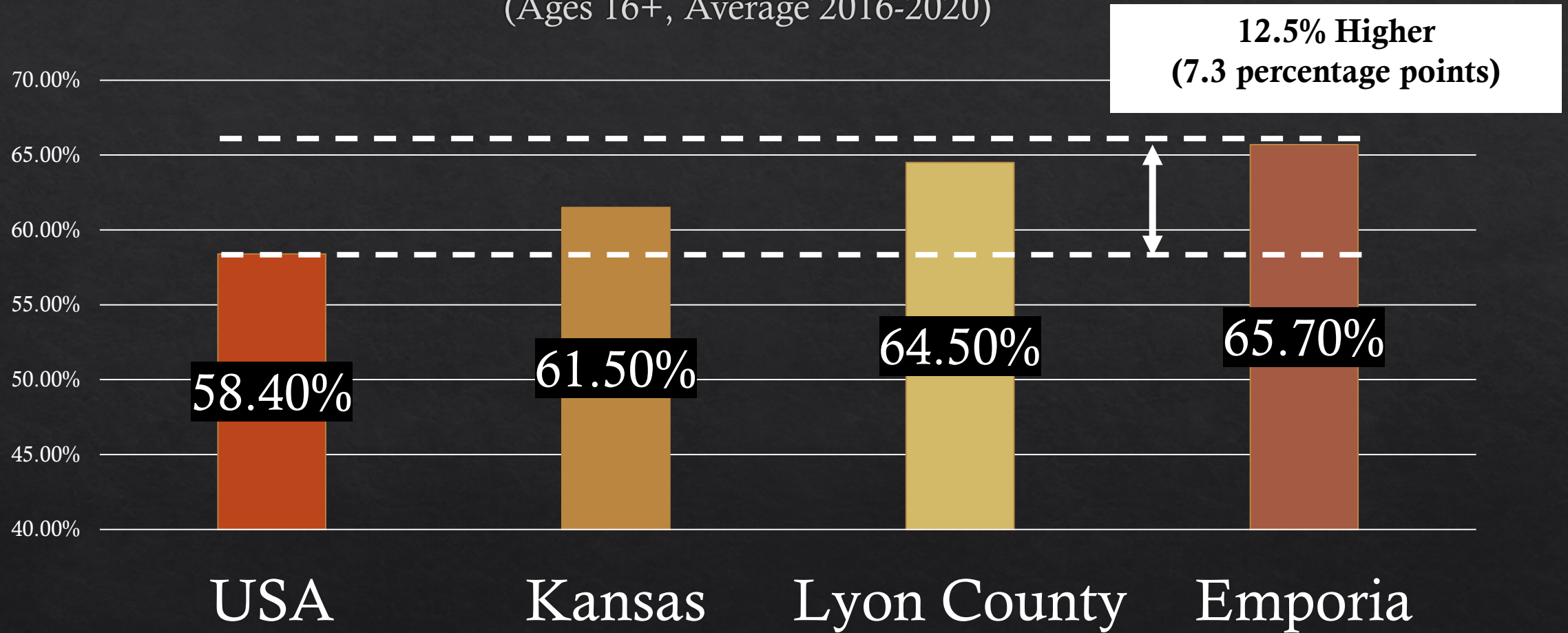


Ave. 4  
Percentage  
Points

Source: ESU Center for Community Research, FRED, BLS

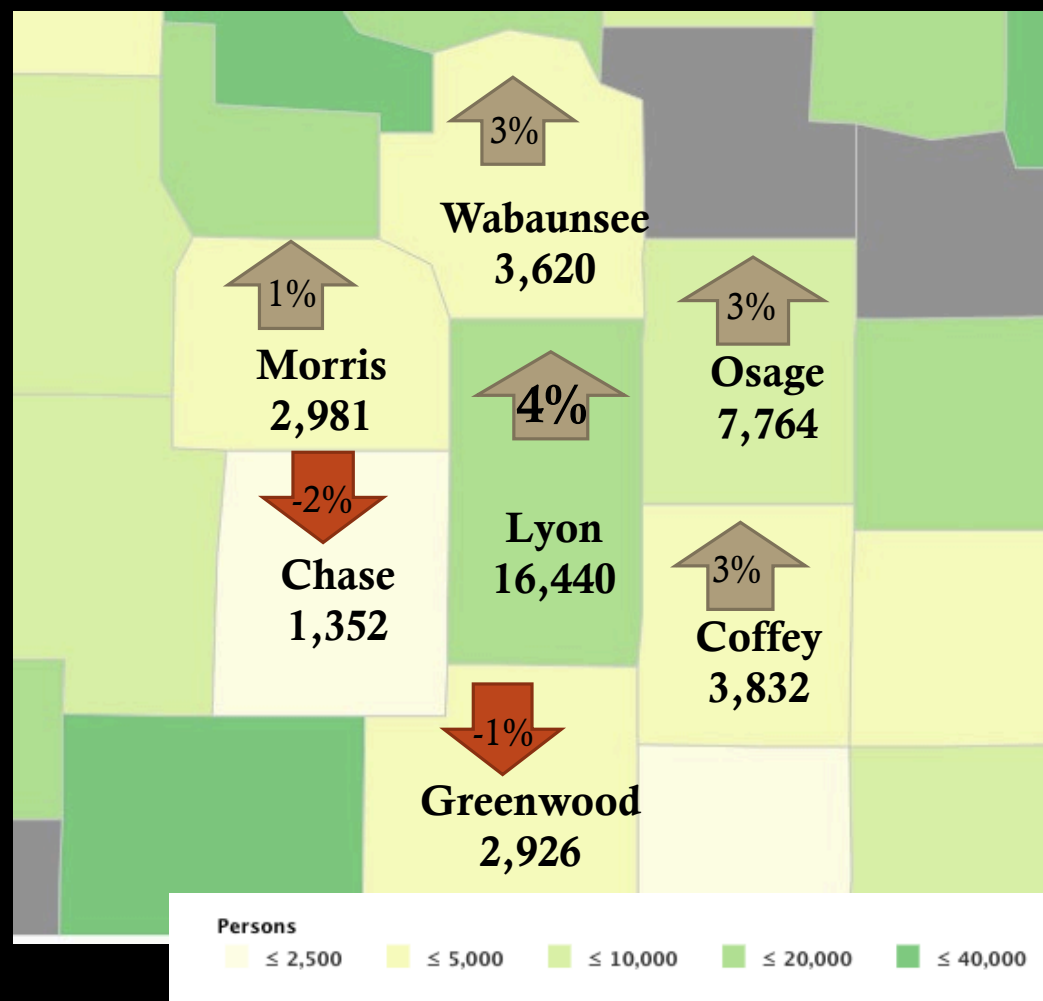
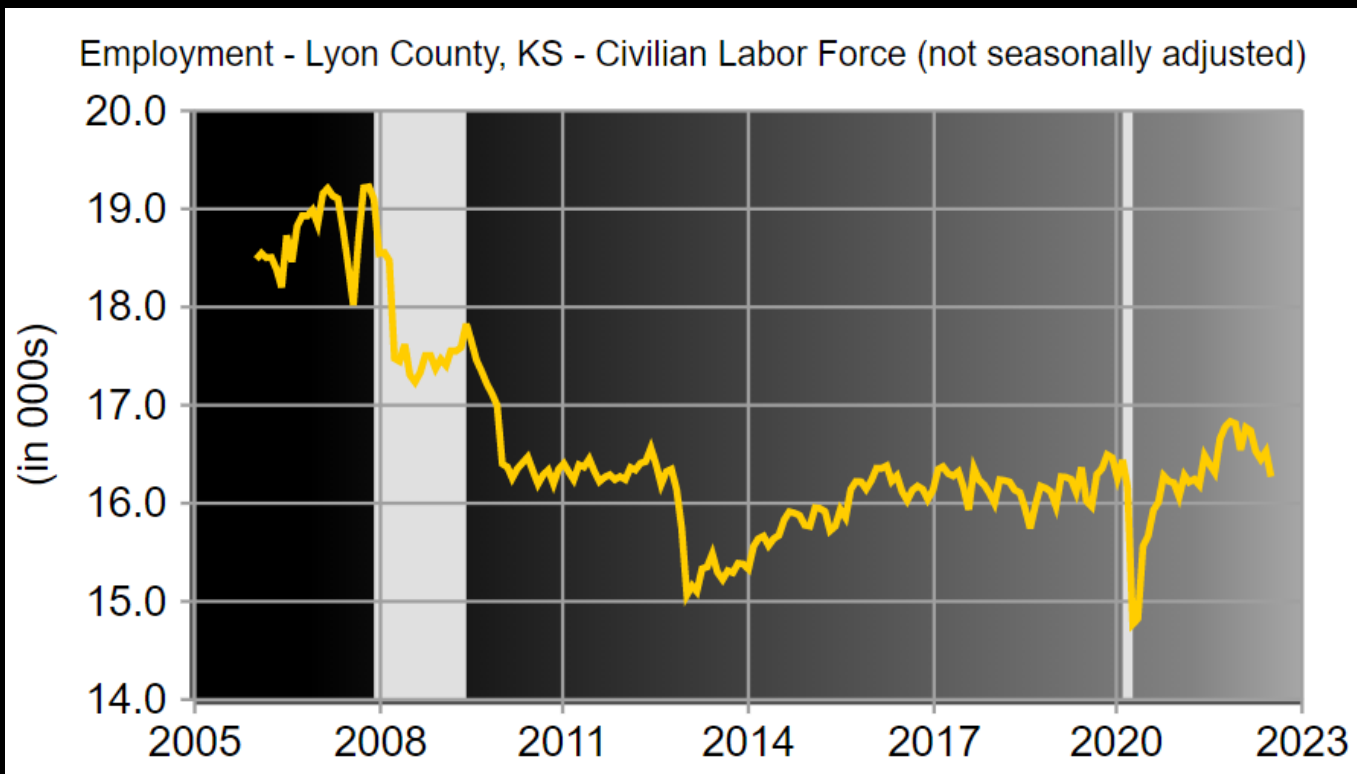
# Female Labor Force Participation

(Ages 16+, Average 2016-2020)



Source: ESU Center for Community Research, Census ACS 5 Year Estimates

# Employment



Sources: ESU Center for Community Research, FRED, BLS

# Employment by Industry

Employment by Industry						
	Kansas			Lyon County		
Industry	2020	2021	Difference	2020	2021	Difference
Natural resources and mining	18,607	18,619	0.1%	72	78	8.3%
Construction	63,118	63,945	1.3%	322	317	-1.6%
Manufacturing	158,784	160,731	1.2%	3,699	3,987	7.8%
Trade, transportation, and utilities	255,575	262,905	2.9%	2,530	2,533	0.1%
Information	16,734	16,912	1.1%	214	198	-7.5%
Financial activities	73,310	73,221	-0.1%	412	382	-7.3%
Professional and business services	168,813	171,560	1.6%	894	1,022	14.3%
Education and health services	194,569	194,264	-0.2%	1,272	1,300	2.2%
Leisure and hospitality	110,526	120,309	8.9%	1,200	1,327	10.6%
Other services	31,183	32,361	3.8%	242	258	6.6%
<b>Total</b>	<b>1,328,640</b>	<b>1,353,532</b>	<b>1.9%</b>	<b>29,083</b>	<b>30,104</b>	<b>3.5%</b>

Source: CEDBR, BLS - QCEW

# Pay by Industry

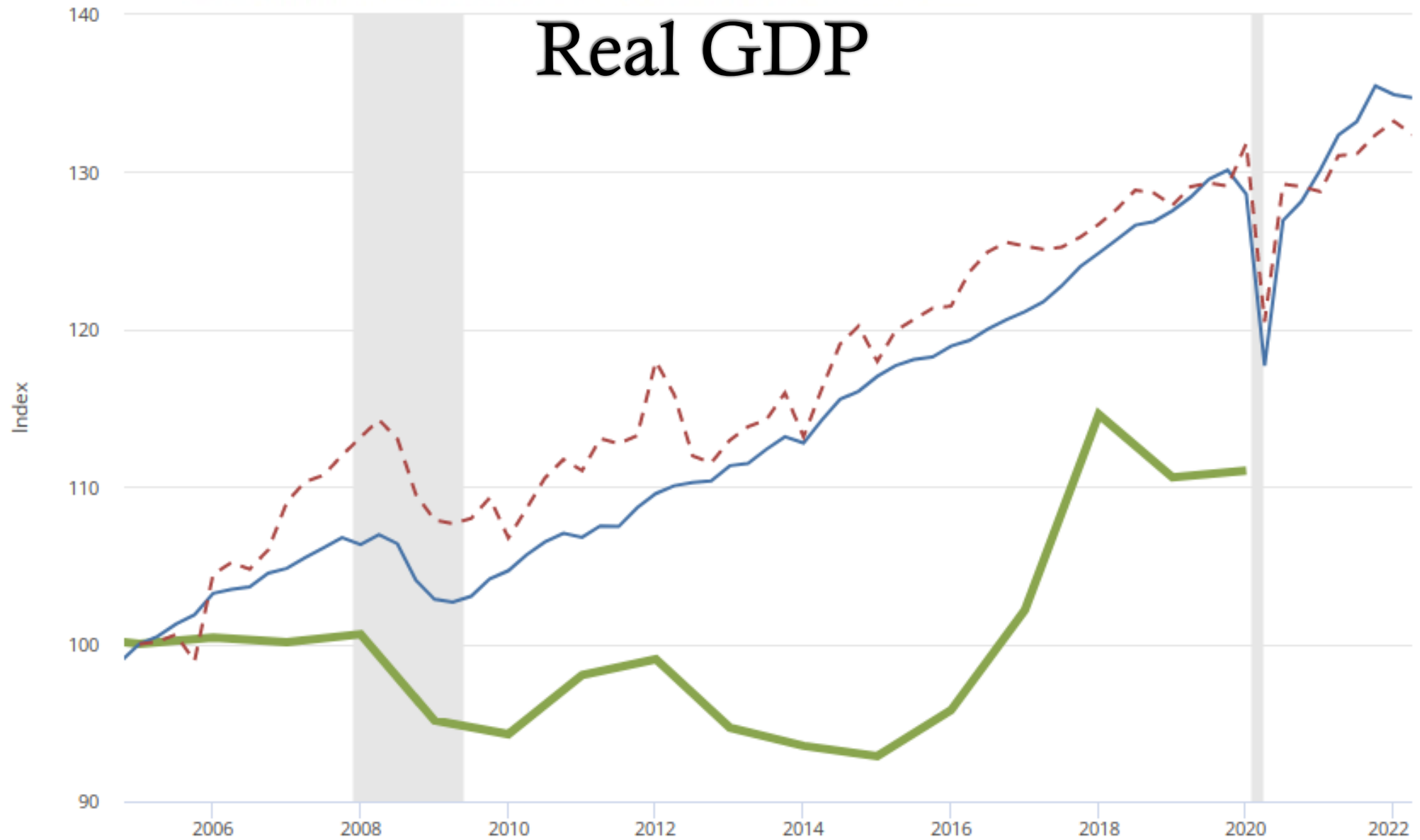
Annual Pay by Industry						
Industry	Kansas			Lyon County		
	2020	2021	Difference	2020	2021	Difference
Natural resources and mining	\$47,721	\$50,132	5.1%	\$39,070	\$38,407	-1.7%
Construction	\$59,126	\$60,815	2.9%	\$49,301	\$49,116	-0.4%
Manufacturing	\$62,958	\$64,603	2.6%	\$54,634	\$53,608	-1.9%
Trade, transportation, and utilities	\$46,012	\$47,912	4.1%	\$35,425	\$38,139	7.7%
Information	\$73,749	\$81,217	10.1%	\$41,659	\$45,377	8.9%
Financial activities	\$75,889	\$81,985	8.0%	\$55,877	\$46,688	-16.4%
Professional and business services	\$69,538	\$71,479	2.8%	\$32,911	\$32,945	0.1%
Education and health services	\$48,486	\$50,954	5.1%	\$31,700	\$33,730	6.4%
Leisure and hospitality	\$18,088	\$19,987	10.5%	\$13,963	\$15,302	9.6%
Other services	\$38,965	\$41,079	5.4%	\$27,034	\$25,782	-4.6%
<b>Total</b>	<b>\$51,490</b>	<b>\$53,422</b>	<b>3.8%</b>	<b>\$40,388</b>	<b>\$40,951</b>	<b>1.4%</b>

Source: CEDBR, BLS - QCEW

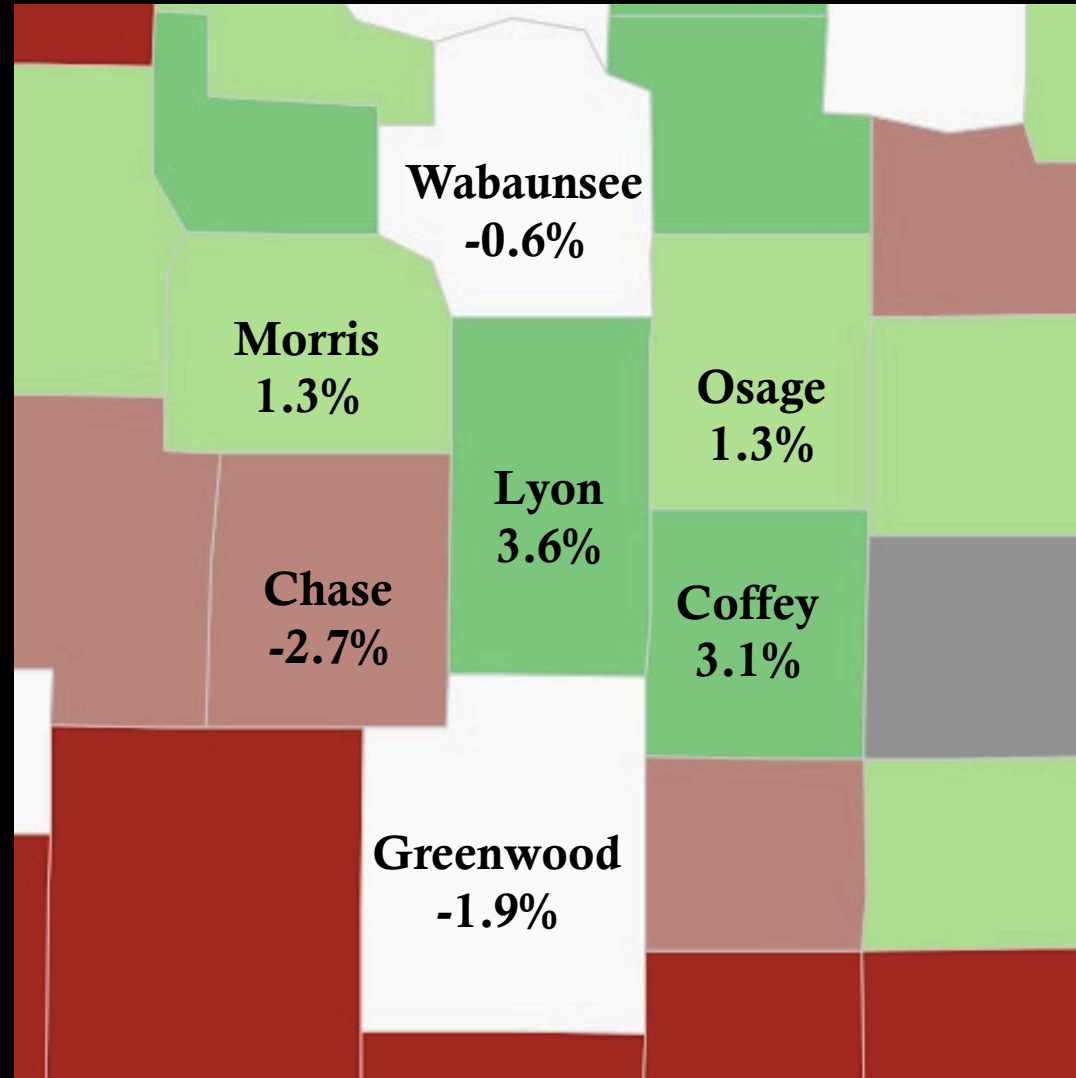


# Goods & Services Market Health



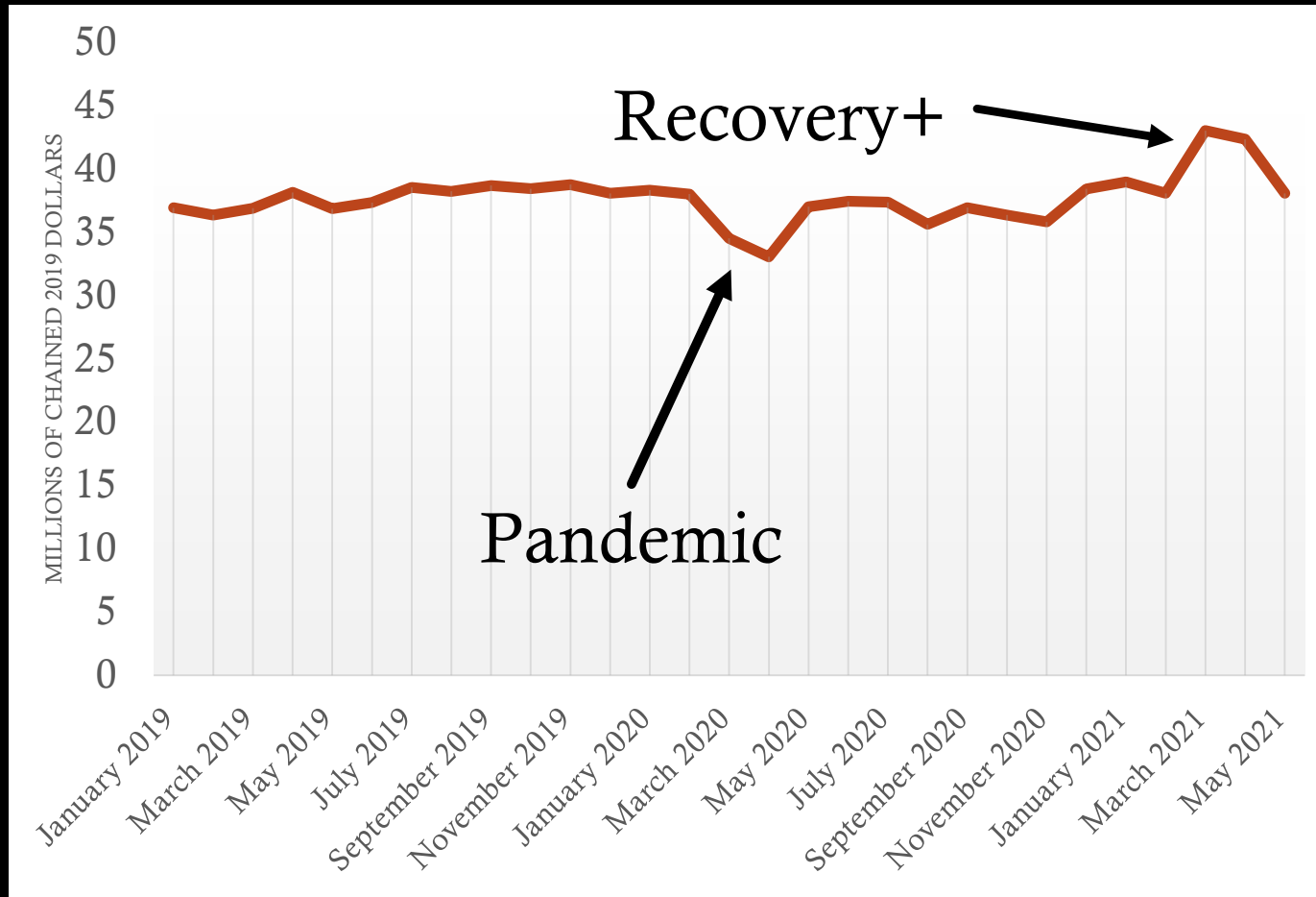


# GDP Growth in our Region (2019-2020)



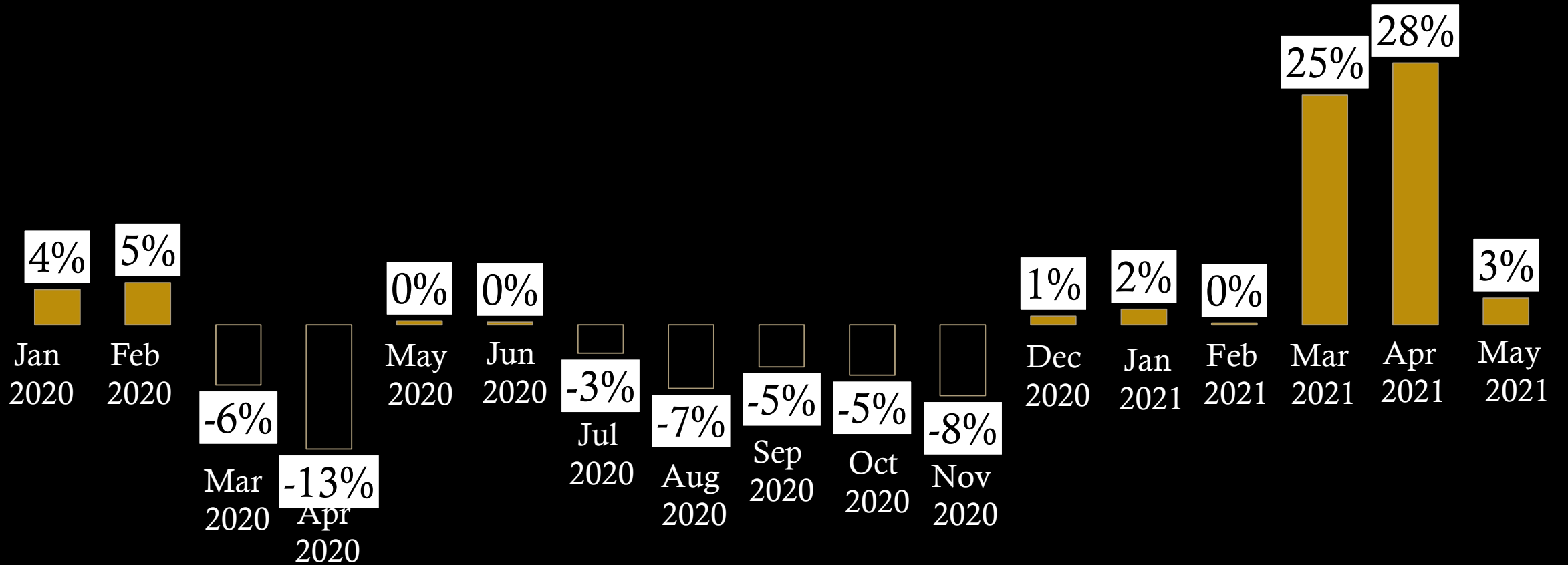
# Lyon County Retail Sales

(Inflation and Seasonally Adjusted)



# Percent Change in Lyon County Retail Sales

(Inflation and Seasonally Adjusted)



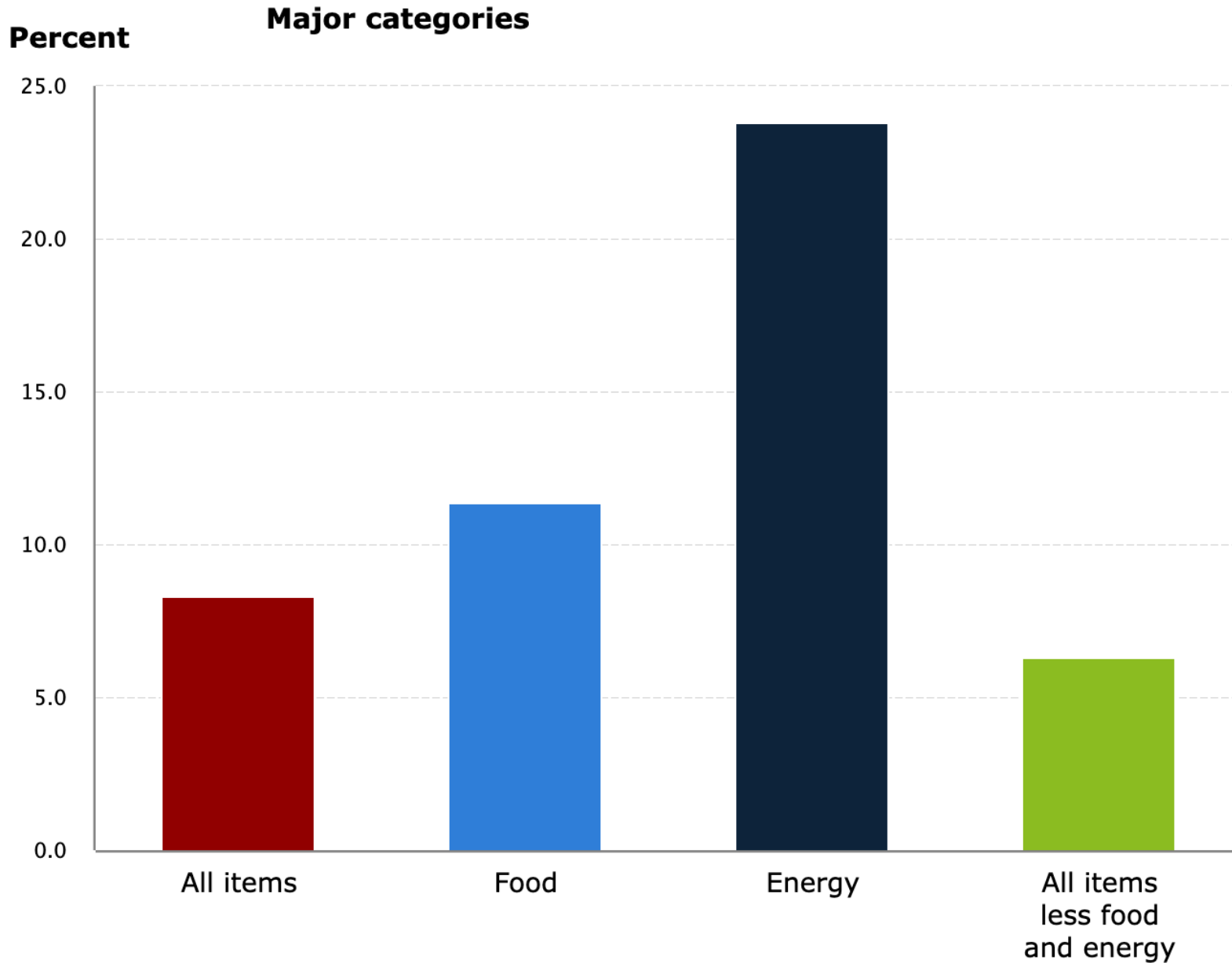
Source: ESU Center for Community Research, CEDBR

# Discussion: Inflation and Recession

- What is happening to prices?
  - Why is this happening?
- Are we entering a recession?
  - Why do you think so?

12-month percentage change, Consumer Price Index, selected categories, August 2022, not seasonally adjusted

[Click on columns to drill down](#)



# Inflation by Region Size

Area	August 2021-2022	July 2021-2022
<b>U.S. City Average</b>	8.3%	8.5%
<b>Midwest region</b>	8.1%	8.6%
<b>Midwest - Size Class B/C (2.5 million or less)</b>	8.0%	8.6%
<b>West North Central</b> (IA, KS, MN, MO, NB, ND, SD)	7.6%	8.1%

# Some Causes of Inflation

- ◇ Monetary policy (Fed decreased FFR during pandemic, quantitative easing, forward guidance)
- ◇ Supply chain failures (factory closing, China closure, war)
- ◇ Oil price increase (war in Ukraine)
- ◇ Demand for goods increase (shift away from services)
- ◇ Labor shortage (drives wages up, then prices)



# Are We Entering (in) a Recession?

- ◇ The NBER defines a recession as a “significant decline in economic activity spread across the economy, lasting more than a few months, normally visible in real GDP, real income, employment, industrial production, and wholesale-retail sales.”
  - ◇ Sustained low GDP growth
  - ◇ No evidence of slow down in labor market (low unemployment, labor shortage)
  - ◇ Retail sales look stable
  - ◇ High inflation may hide slowdown (prices increase more than quantity decreases)
- ◇ Federal Reserve has increased interest rates to curb inflation
  - ◇ The interest rates affect the bank’s short-term loans
  - ◇ They pass off this new, higher interest rates to borrowers
  - ◇ Higher interest rates -> More expensive to borrow -> Less spending
  - ◇ This is like hitting the brakes on the economy





# Questions and Comments

[rselby@emporia.edu](mailto:rselby@emporia.edu)