

Bourbon County Economic Indicators

Jonathan Norris

Agenda

Current Index

- Employment, Wages, Durable/Nondurable consumer goods, Oil Production, Wheat prices, Inflation

Healthy-Wealthy-Wise Index

- Household perspective
- Labor force risk, opportunity, and education

Business Dynamism Index

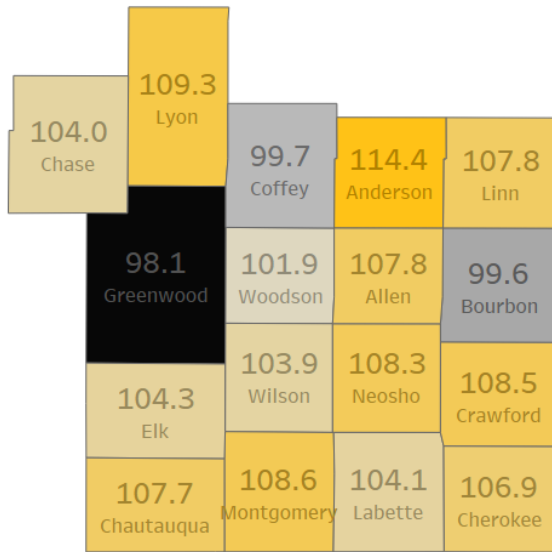
- Firm perspective
- Examining the economic engine

Government Vitality Index

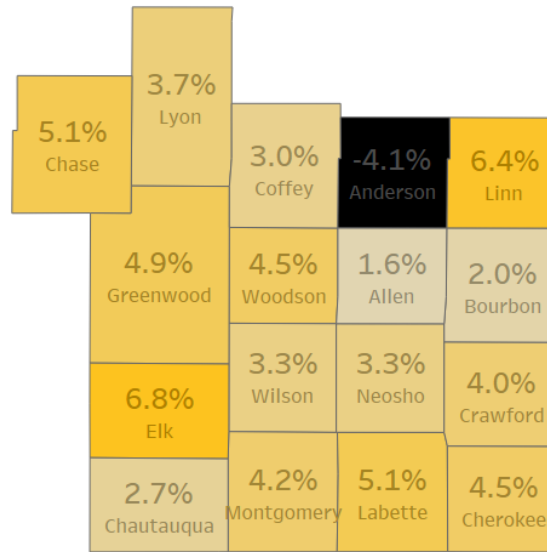
- Government perspective
- Market, core economic driver, and fiscal growth indicators

Current Index

2022 Current Index



Y/Y Current Index Growth – 2021-22



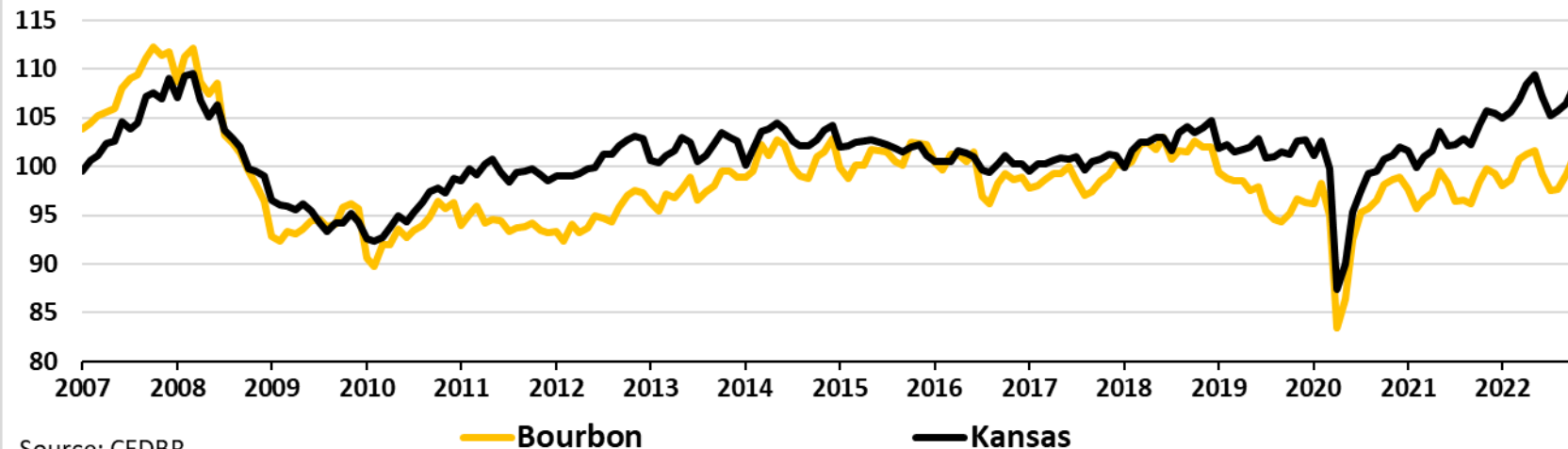
- Regionally, most counties are better off than in 2017 (the base year)

- Bourbon County falls below the state average level post great recession

- Improved better through the mid 2010s, but remained generally lower

- Manufacturing dependency hit Bourbon harder than many counties

Current Index



Household Index

Healthy
1/3

Low Birthweight
(1/3)

Obesity
(1/3)

Preventable
Hospitalizations
(1/3)

Wealthy
1/3

GINI Index
(1/3)

Household Income
(1/3)

Poverty
(1/3)

Wise
1/3

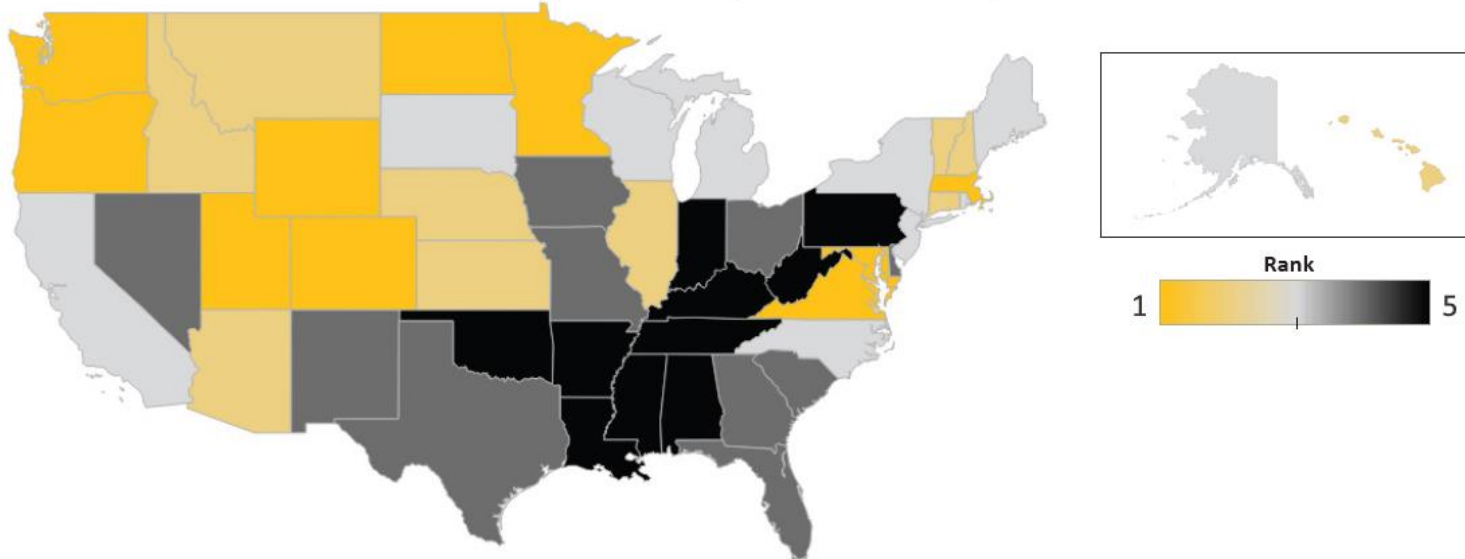
Associate's
(1/3)

Bachelor's
(1/3)

Advanced
(1/3)

Healthy, Wealthy, and Wise – Kansas ranks near the national median

U.S. Healthy-Wealthy-Wise Index, 2024



- **Healthy** – Near Median
 - **High obesity**
 - **Low birthweights**
- **Wealthy** – Near Median
 - **Low wealth polarization**
 - **Lagging incomes**
- **Wise** – Above Median
 - **Associate and Bachelor**

Kansas Healthy-Wealthy-Wise Index 2024

		Rank	Value
Healthy	Obesity Rate	4	35.8%
	Low Birthweight Rate	2	7.2%
	Preventable Hospitalization Rate	3	2.7%
Wealthy	Gini Coefficient	2	0.46
	Median Household Income	4	\$69,747
	Poverty Rate	3	11.6%
Wise	Associate Degrees	2	31.4%
	Bachelor Degrees	2	21.7%
	Advanced Degrees	3	13.0%

Neighboring State Ranks

State	HWW Index	Healthy	Wealthy	Wise
Colorado	1	2	1	1
Kansas	3	3	3	2
Missouri	4	4	4	4
Nebraska	2	3	2	2
Oklahoma	5	4	4	5

Midwest Region

- Colorado and Nebraska **lead**
- Missouri and Oklahoma **lag**

Bourbon County ranked **below median** in household conditions

Healthy-Wealthy-Wise 2024				
County	Healthy-Wealthy-Wise Index	Healthy	Wealthy	Wise
Allen	5	5	3	3
Anderson	3	2	2	5
Bourbon	4	3	3	3
Chase	4	2	4	4
Chautauqua	5	3	5	5
Cherokee	4	3	3	4
Coffey	1	1	1	2
Crawford	3	2	5	1
Elk	5	3	5	5
Greenwood	5	5	5	4
Labette	4	3	4	3
Linn	5	4	4	4
Lyon	4	3	4	4
Montgomery	5	4	5	4
Neosho	5	5	4	2
Wilson	5	4	5	4
Woodson	3	1	4	4

- **Healthy:** Near Median
- **Wealthy:** Near Median
- **Wise:** Near Median
- This is better overall than much of the region

Healthy – Concerns with obesity and birthweights, but greatly improved preventable hospitalization rate

Low Birthweight Rate

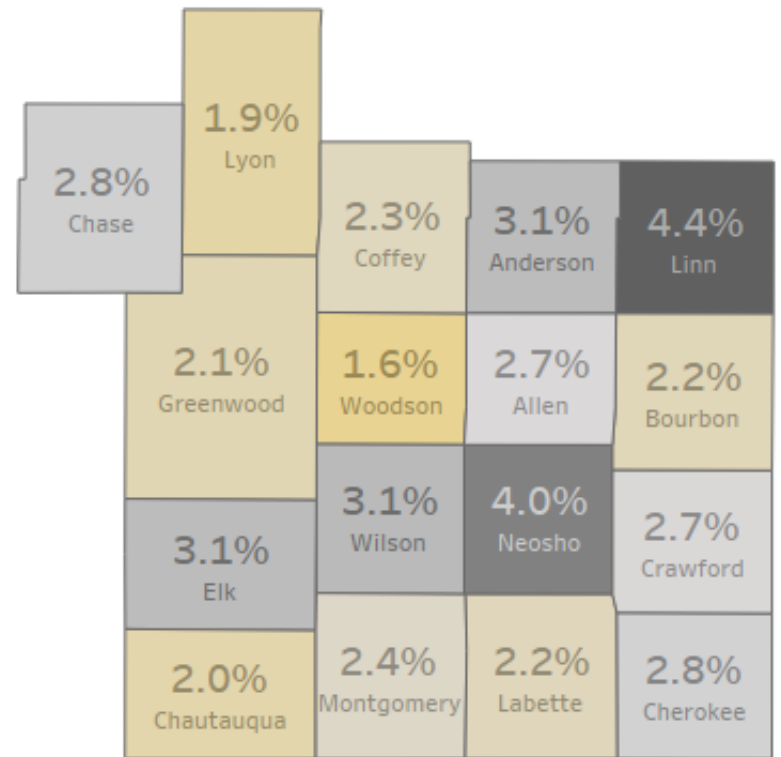
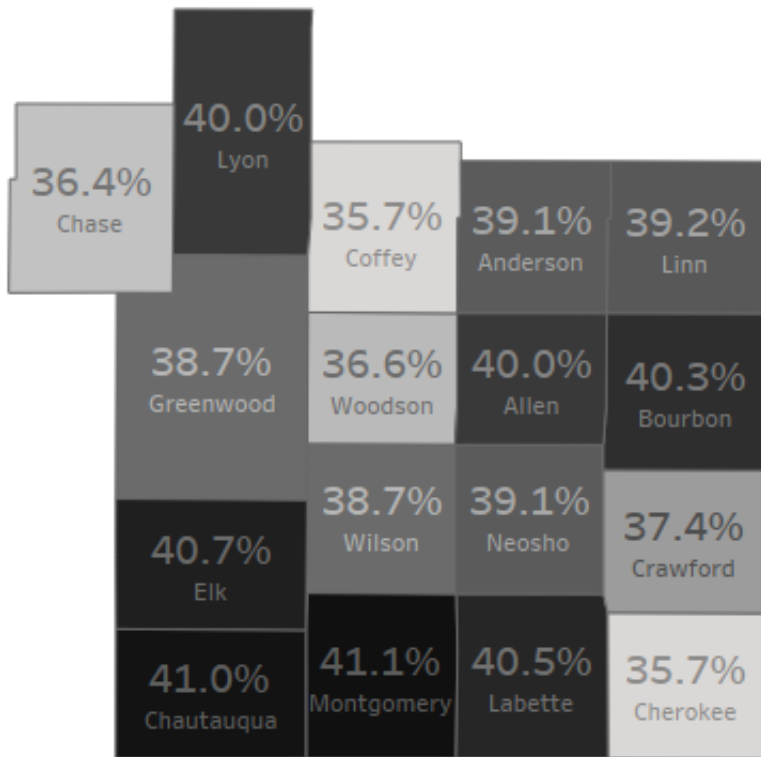
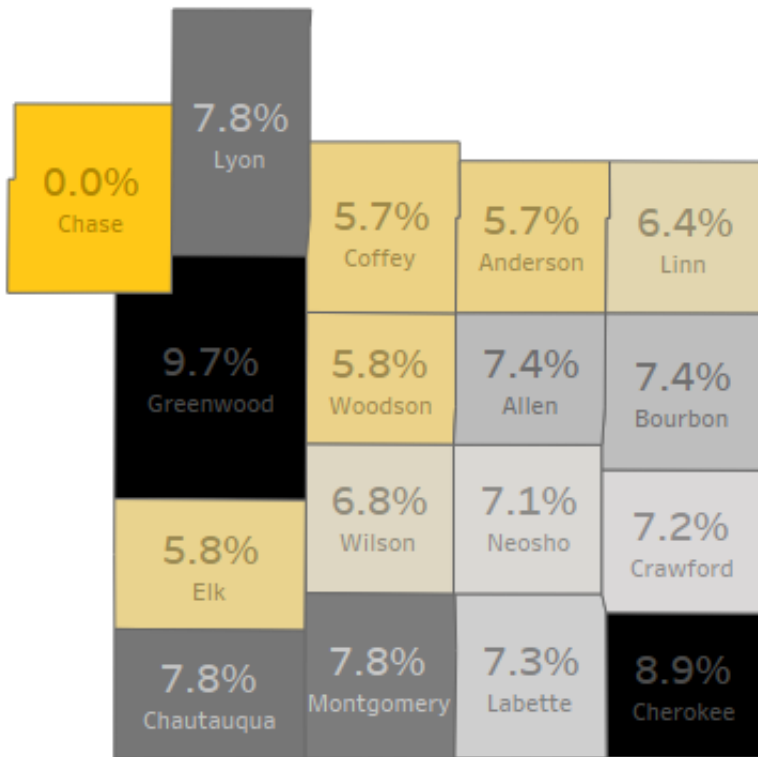
Obesity Rate

Preventable Hospitalizations Rate

	2018	2022	Growth
Kansas	7.0%	7.2%	0.2%
Bourbon	7.3%	7.4%	0.1%

	2018	2022	Growth
Kansas	32.4%	35.8%	3.4%
Bourbon	34.5%	40.3%	5.8%

	2018	2022	Growth
Kansas	5.1%	2.7%	-2.4%
Bourbon	6.7%	2.2%	-4.6%



Wealthy – Income polarity has narrowed dramatically while incomes grew, and poverty fell faster than average, but there is still ground to cover

Gini Coefficient

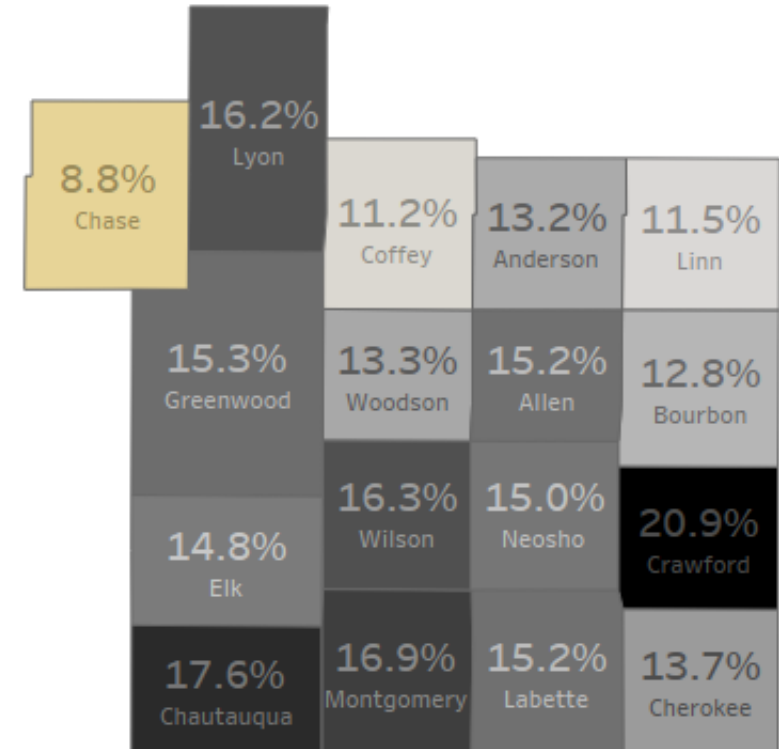
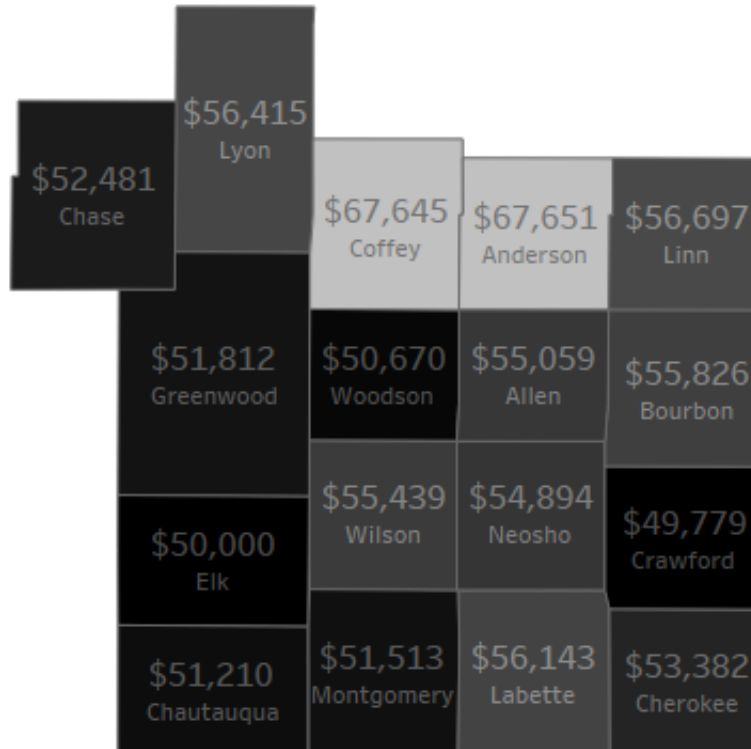
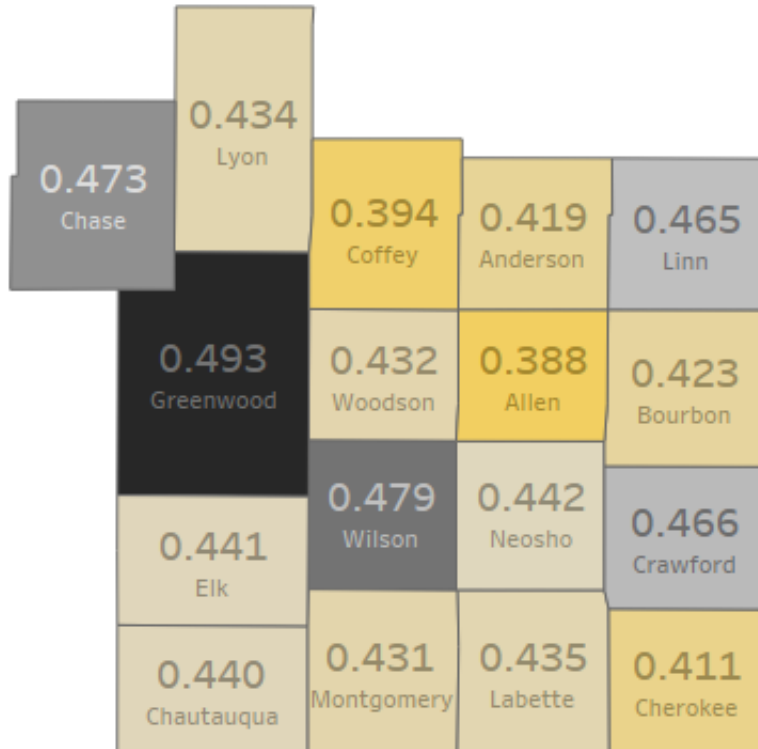
	2018	2022	Growth
Kansas	0.458	0.458	-0.1%
Bourbon	0.463	0.423	-8.7%

Median Household Income

	2018	2022	Growth
Kansas	\$ 57,422	\$ 69,747	21.5%
Bourbon	\$ 40,733	\$ 55,826	37.1%

Poverty Rate

	2018	2022	Growth
Kansas	12.4%	11.6%	-0.8%
Bourbon	17.6%	12.8%	-4.8%



Wise – Strength in skilled trades and some college, higher degrees are growing, but overall education fell

Total Education	2018	2022	Growth
Kansas	64.7%	66.1%	1.4%
Bourbon	60.4%	59.4%	-1.0%

Some College and Associate Degrees

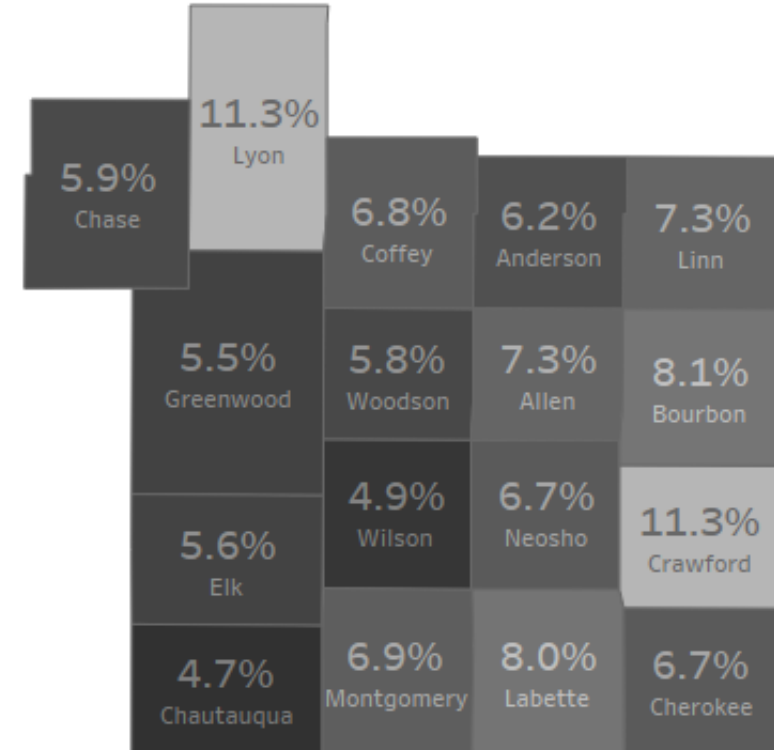
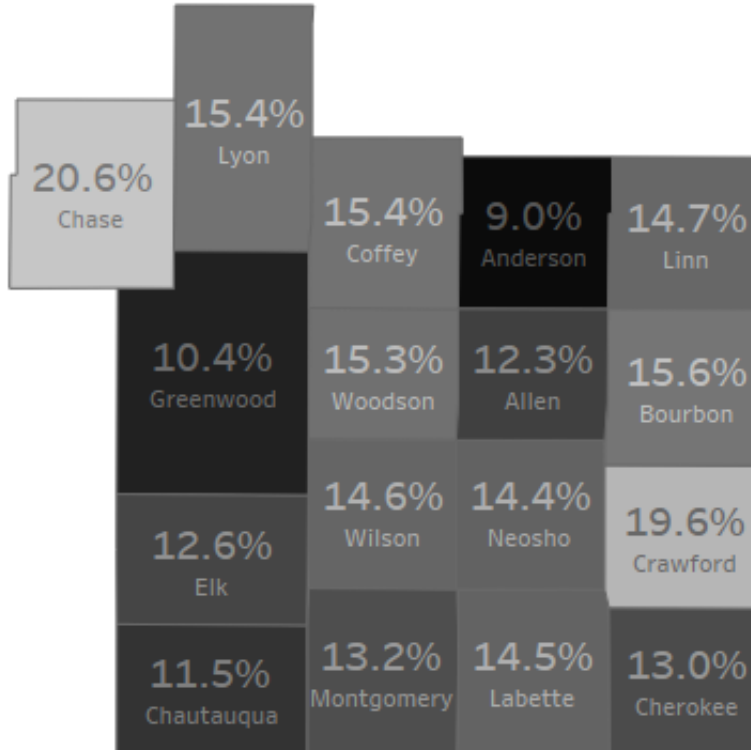
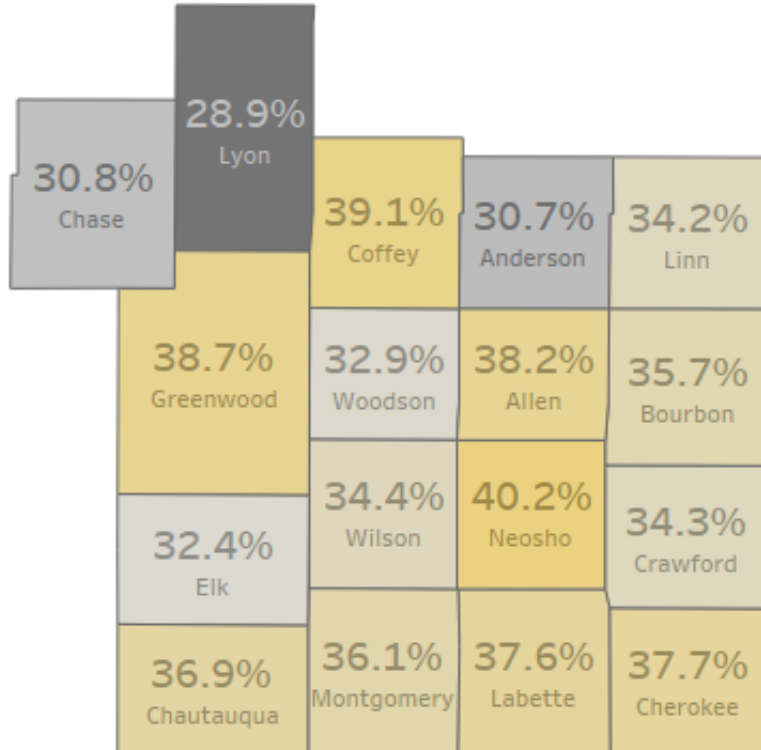
	2018	2022	Growth
Kansas	31.8%	31.4%	-0.4%
Bourbon	39.8%	35.7%	-4.1%

Bachelor Degrees

	2018	2022	Growth
Kansas	20.8%	21.7%	0.9%
Bourbon	13.7%	15.6%	1.9%

Advanced Degrees

	2018	2022	Growth
Kansas	12.1%	13.0%	0.9%
Bourbon	6.9%	8.1%	1.2%



Business Dynamism

Labor Churn

New Hires
1/2

Separations
1/2

Economic Diversification

Employment
1/3

Establishments
1/3

Wages
1/3

Expansion

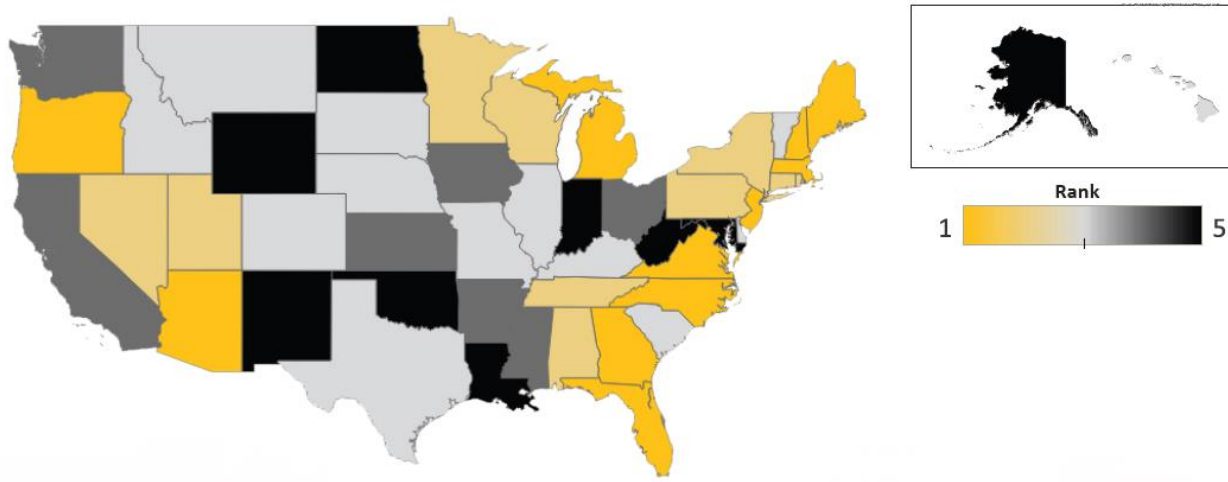
Employment
1/3

Establishments
1/3

Wages
1/3

Business Dynamism – Kansas fell behind (Note 2018-2022)

U.S. Business Dynamism Index, 2024



- Labor churn – **Below Median**
- Diversification – **Near Median**
- Growth – **Bottom 20% of States**

Kansas Business Dynamism Index 2024			
		Rank	Value
Labor Churn	New Hires	3	15.2%
	Separations	3	16.3%
Economic Diversification	Employment	3	97.4
	Establishments	4	89.7
	Wages	2	96.0
Economic Growth	Employment Growth	4	0.6%
	Establishments Growth	5	5.0%
	Wages Growth	4	21.2%

Neighbor State Dynamism Ranks				
State	Business Dynamism	Labor Churn	Economic Diversification	Economic Growth
Colorado	3	4	3	2
Kansas	4	4	3	5
Missouri	3	4	2	3
Nebraska	3	3	2	4
Oklahoma	5	5	4	5

Midwest Region

- Colorado, Nebraska, and Missouri **lead**
- Oklahoma **lags**

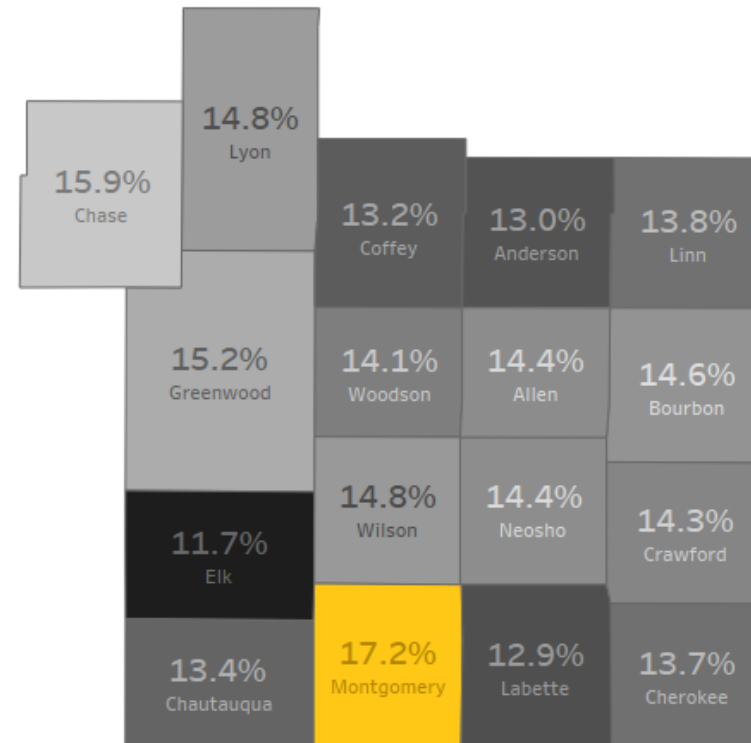
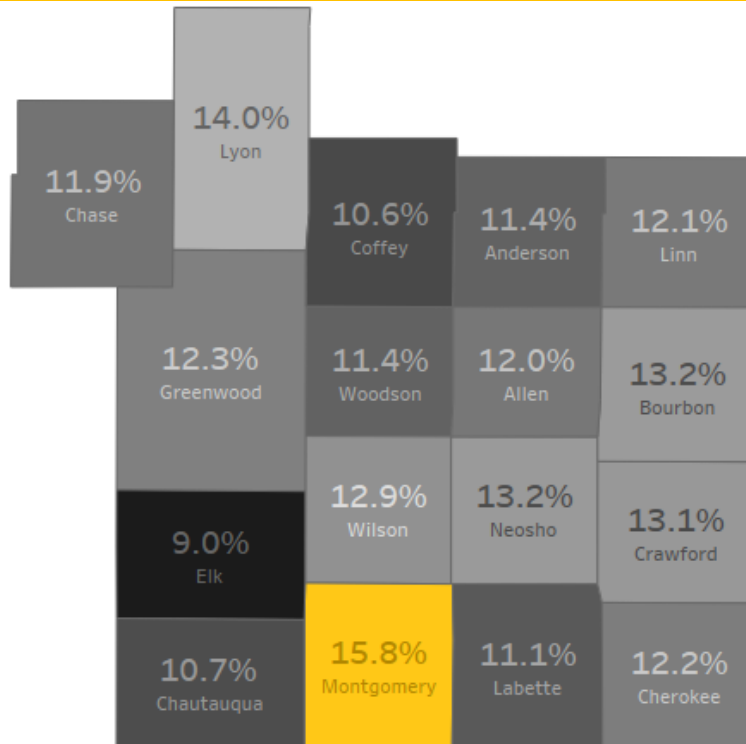
Bourbon County ranks **below the median** in Business Dynamism

Business Dynamism Index Ranks 2024				
County	Business Dynamism	Labor Churn	Economic Diversification	Economic Growth
Allen	2	2	2	2
Anderson	1	4	1	1
Bourbon	4	2	1	5
Chase	5	2	5	5
Chautauqua	3	4	4	3
Cherokee	3	3	2	3
Coffey	4	4	3	5
Crawford	1	2	1	2
Elk	2	5	5	2
Greenwood	5	2	3	5
Labette	3	4	2	5
Linn	3	3	3	2
Lyon	2	1	2	1
Montgomery	1	1	1	1
Neosho	2	2	1	2
Wilson	5	2	4	5
Woodson	5	3	5	4

- **Labor Churn:** Above Median
- **Economic Diversification:** Top 20%
- **Economic Growth:** Bottom 20%

Labor Churn – Lower job movement may be a risk, but there are advantages in retention and growth has been better than average

New Hires			Separations				
	2018	2022	Growth		2018	2022	Growth
Kansas	14.3%	15.2%	0.9%	Kansas	15.7%	16.3%	0.6%
Bourbon	11.0%	13.2%	2.2%	Bourbon	13.2%	14.6%	1.4%

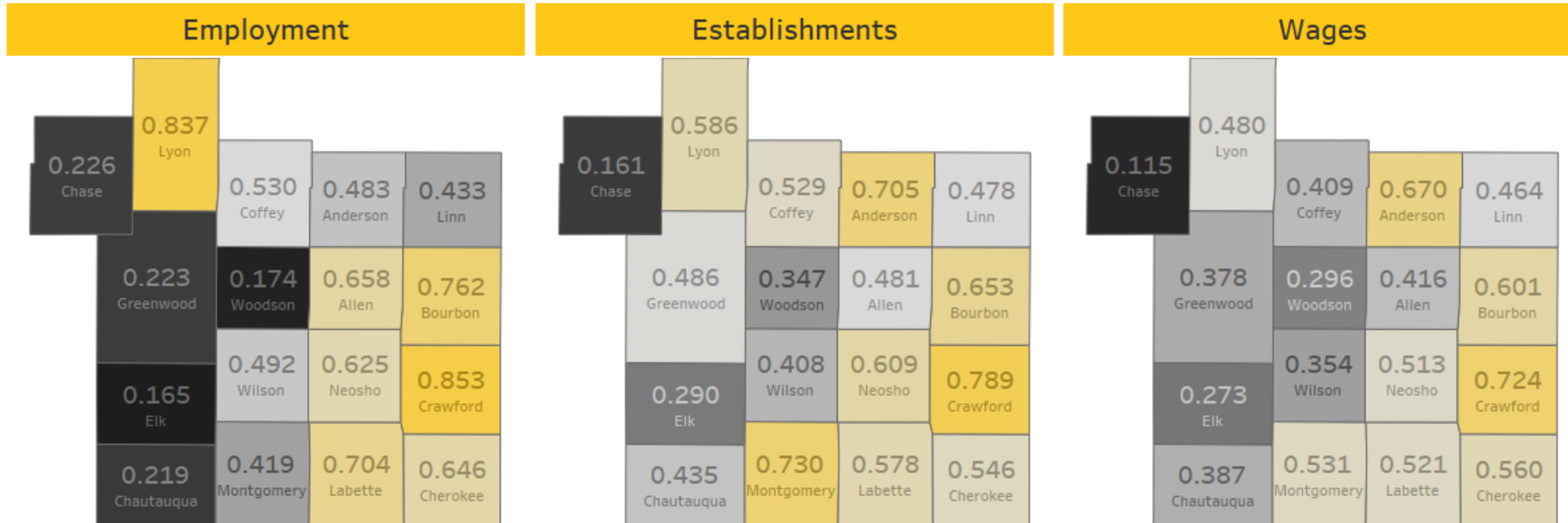


- We are **not at the new labor market equilibrium**
- Separations are not an inherent negative

- Labor mobility **drives skill-job matching** (optimization)
- Drives growth in productivity



Diversification – high employment diversity, but highly concentrated in manufacturing with well-paid complementary transport



Concentration		
Industry	Employment	Wages
Natural Resources and Mining	0.43	0.55
Construction	0.70	0.94
Manufacturing	2.87	3.04
Trade, Transportation, and Utilities	0.89	1.03
Information	0.20	0.08
Financial Activities	0.87	0.56
Professional and Business Services	0.31	0.29
Education and Health Services	0.88	1.09
Leisure and Hospitality	0.78	0.66
Other Services	0.54	0.57

- Two perspectives –
 - Diversity weathers economic cycles
 - Economies of Agglomeration
 - Industry-driven

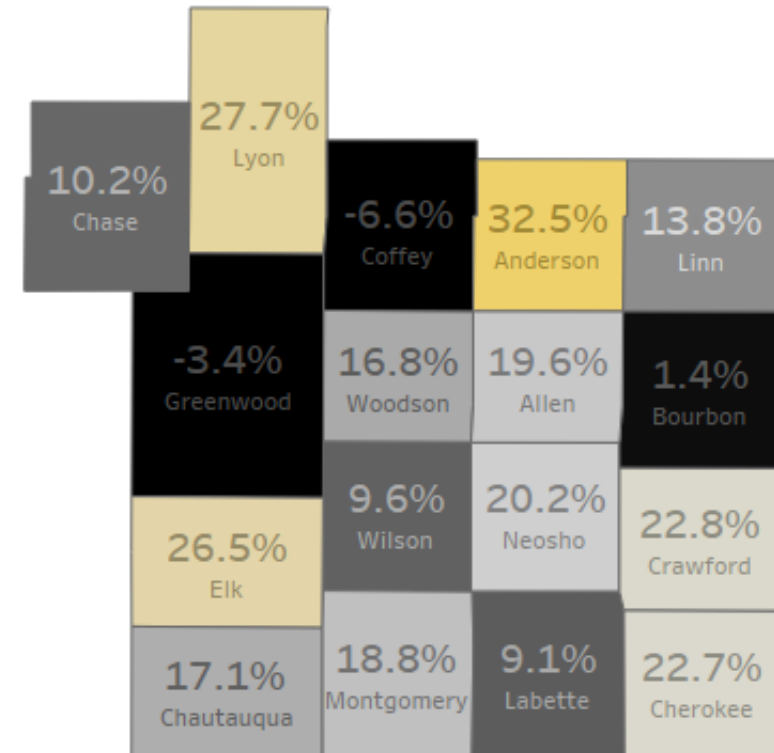
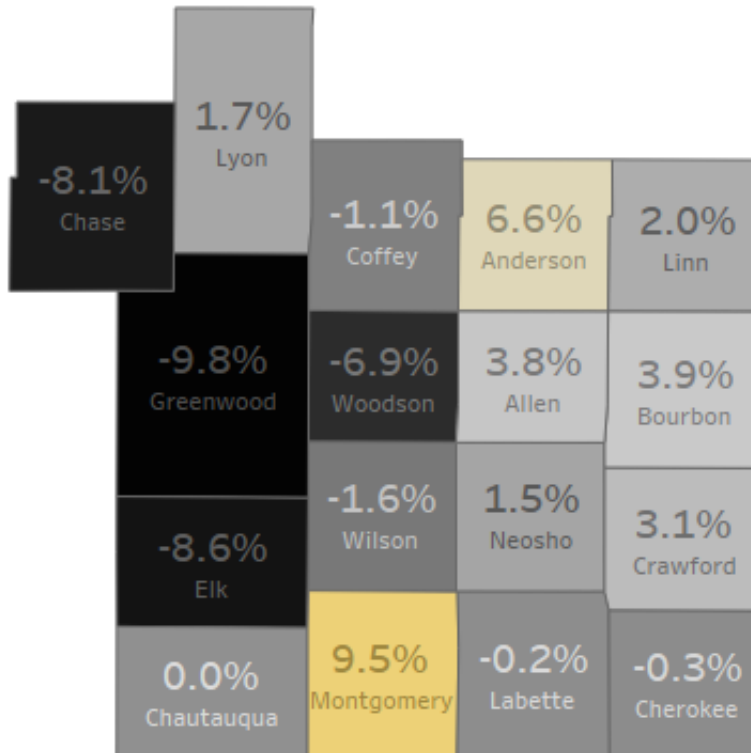
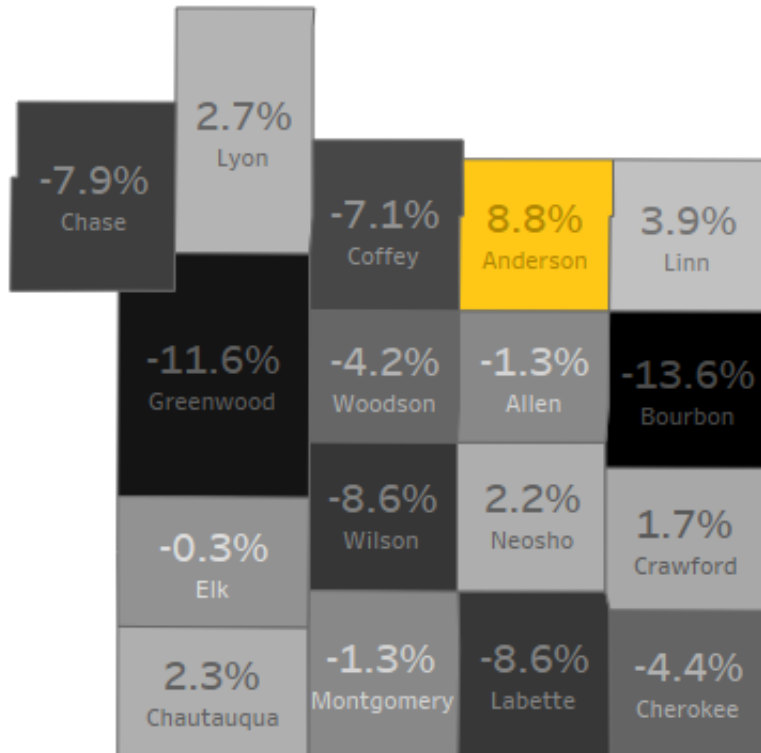


5-Year Expansion – lagging growth rates, particularly employment and total wages

Employment			
	2018	2022	Growth
Kansas	1,383,119	1,390,817	0.6%
Bourbon	6,420	5,550	-13.6%

Establishments			
	2018	2022	Growth
Kansas	88,793	93,245	5.0%
Bourbon	357	371	3.9%

Wages			
(\$millions)	2018	2022	Growth
Kansas	64,463	78,133	21.2%
Bourbon	221	224	1.4%



Government Vitality

Market Growth

GDP
20%

Personal Income
40%

County Index
40%

Economic Drivers

Prime Age
25%

Mobility
25%

Home Value
50%

Fiscal Growth

Bonds
10%

Property Tax
60%

Retail Sales
30%

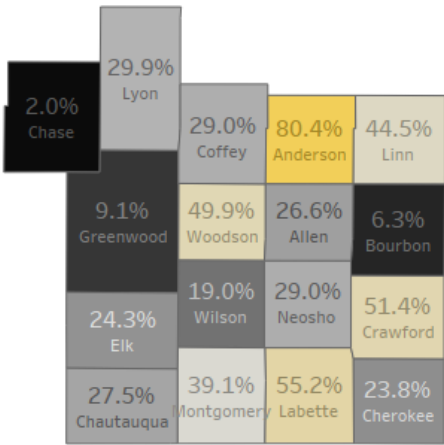
Bourbon County ranks in the **bottom 20% of counties** in Government Vitality

Government Vitality Index 2024				
County	Government Vitality	Economic Drivers	Market Growth	Fiscal Growth
Allen	1	4	2	1
Anderson	1	1	1	5
Bourbon	5	5	4	4
Chase	3	5	2	2
Chautauqua	4	4	5	1
Cherokee	3	4	1	4
Coffey	4	4	5	1
Crawford	4	2	4	4
Elk	3	4	4	1
Greenwood	4	5	5	1
Labette	3	1	4	4
Linn	1	2	2	2
Lyon	1	3	2	1
Montgomery	1	2	1	3
Neosho	4	3	3	5
Wilson	4	5	5	1
Woodson	1	2	4	1

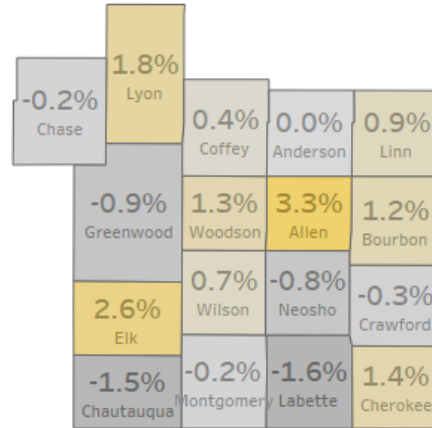
- **Economic Drivers: Bottom 20%**
- **Market Growth: Below Median**
- **Fiscal Growth: Below Median**

Economic Drivers – Bottom 20% overall

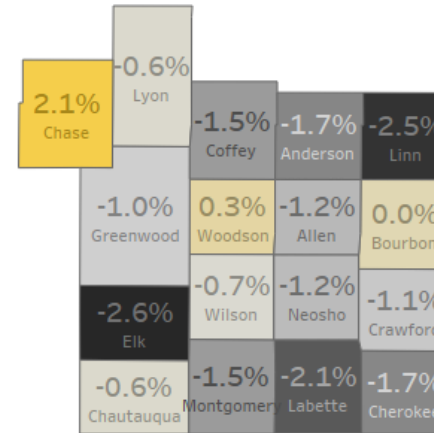
Median Home Value Growth



Inward Mobility Growth



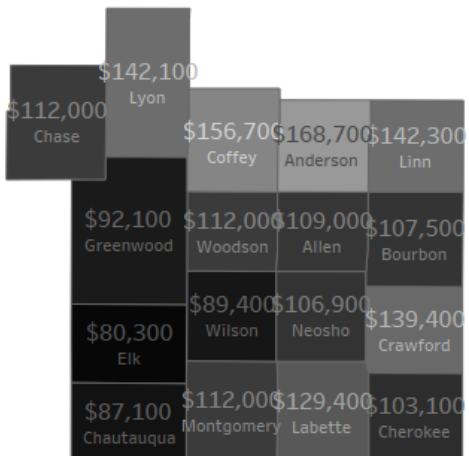
Prime Age Growth



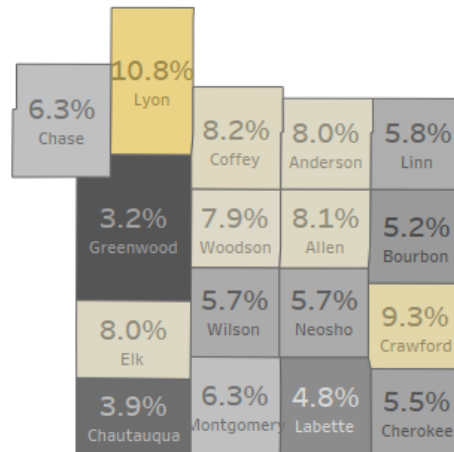
- Median home values have grown slower than statewide and remain low

- Inward mobility has grown, but remains low among regional counties

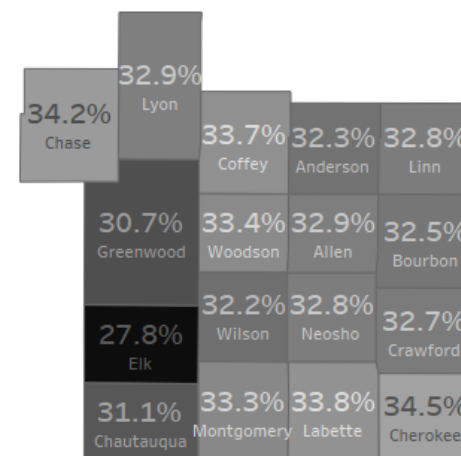
Median Home Value



Inward Mobility Share



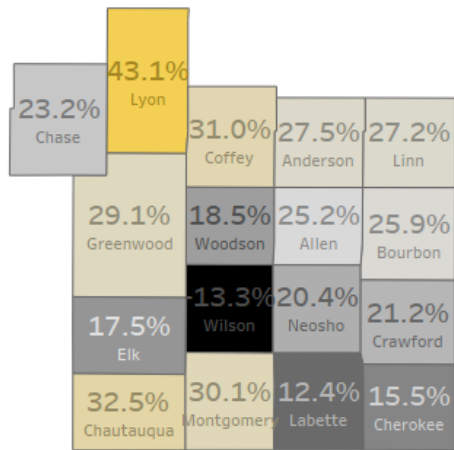
Prime Age Share



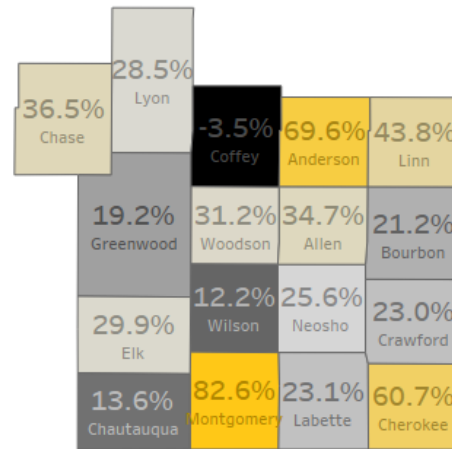
- Prime age share remained flat, outperforming its neighbors

Market Growth – Below Median overall

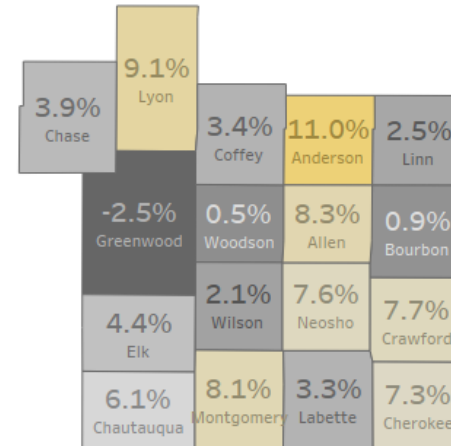
Income Per Capita Growth



GDP Growth



Current Index Growth

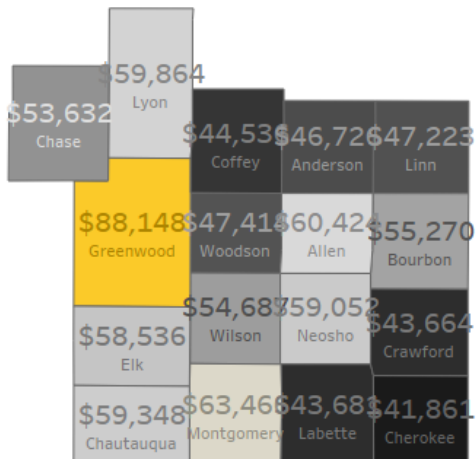


- Income per capita growth slightly above statewide average, and the level is near the middle of the region

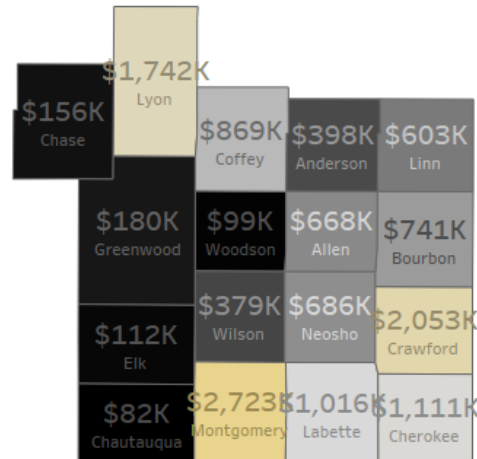
- GDP has grown by less than the state

- Current Index level and growth slightly below state average

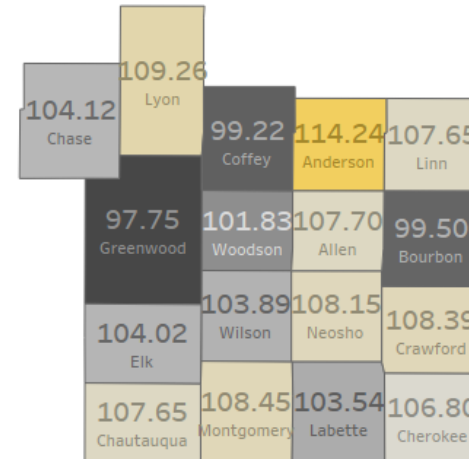
Income Per Capita



GDP (\$millions)

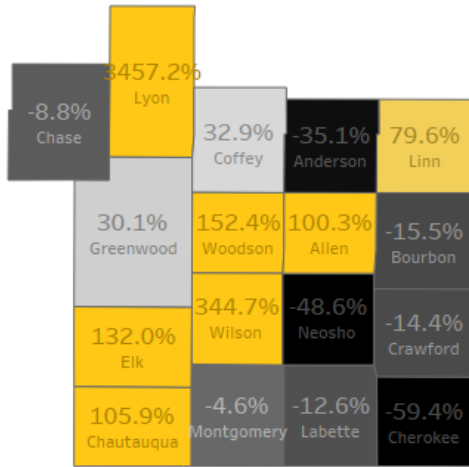


Current Index

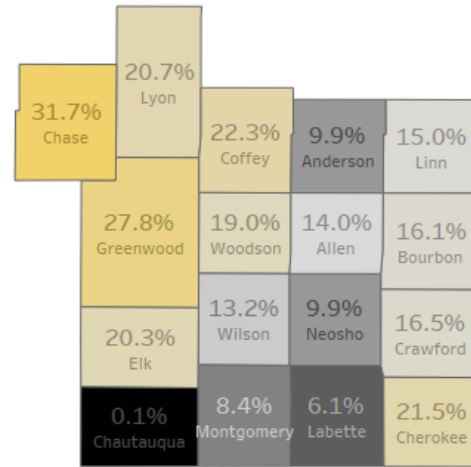


Fiscal Growth – Below median overall

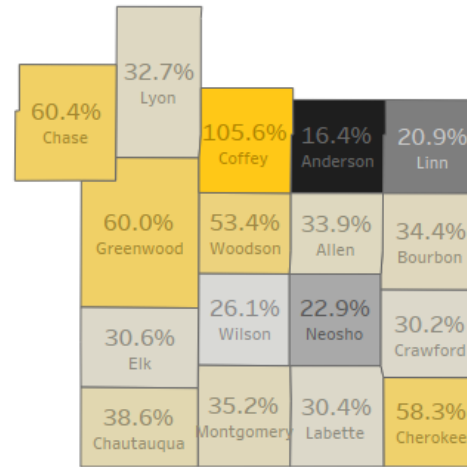
Per Capita Bonds Growth



Per-Capita Property Tax Collections Growth



Per-Capita Retail Sales Growth

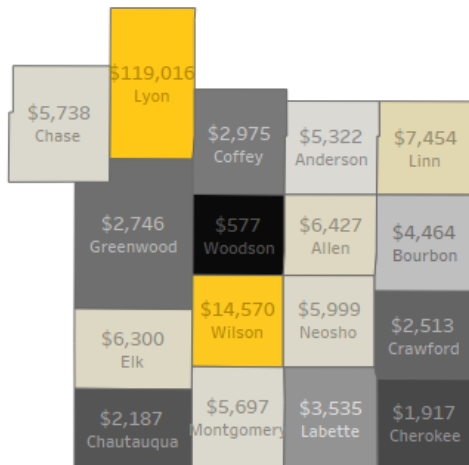


- Per capita **bonds growth** has declined, but it remains near the lower-middle in level

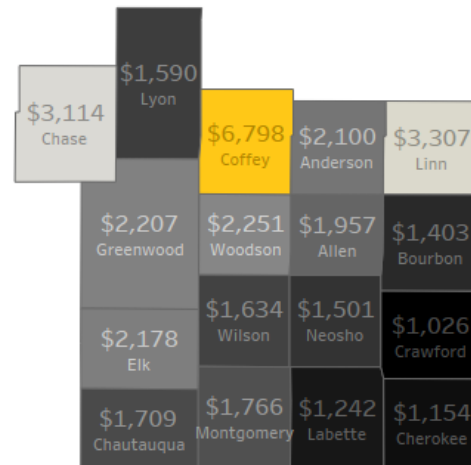
- Per capita **property tax collections** have grown slightly faster than the state average but remain low as a level

- Per capita **retail sales growth** is above average, but is below average as a level

Per Capita Bonds



Per-Capita Property Tax Collections



Per-Capita Retail Sales

