Bourbon County Economic Indicators

Jonathan Norris

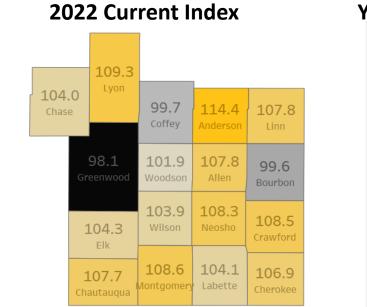
Agenda

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

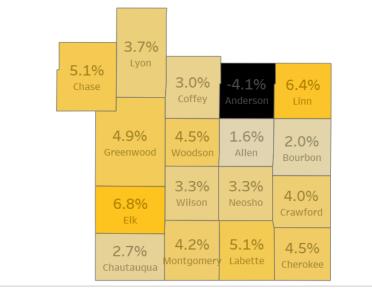


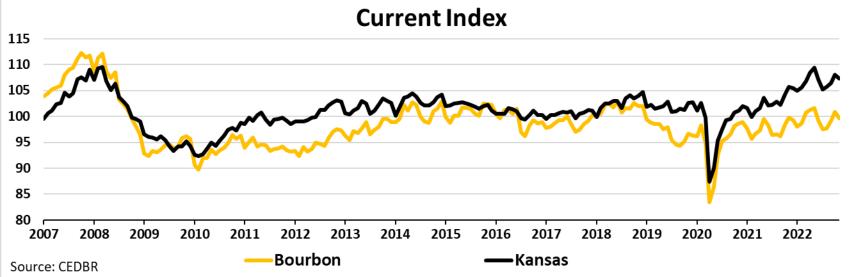


Current Index



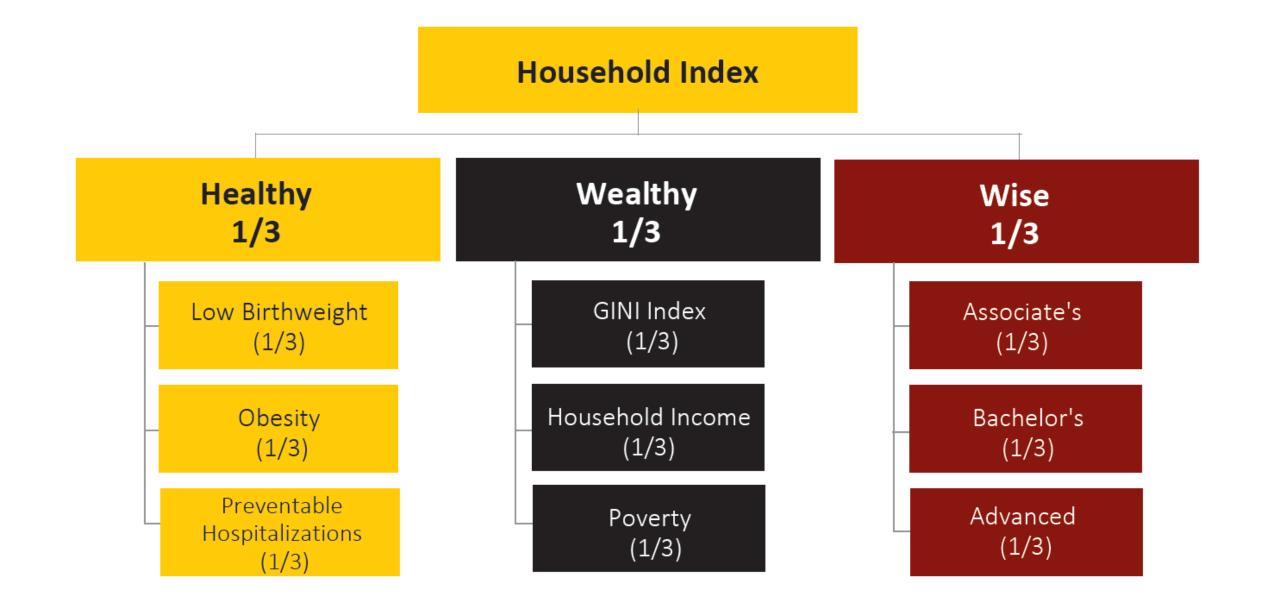
Y/Y Current Index Growth – 2021-22





- 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





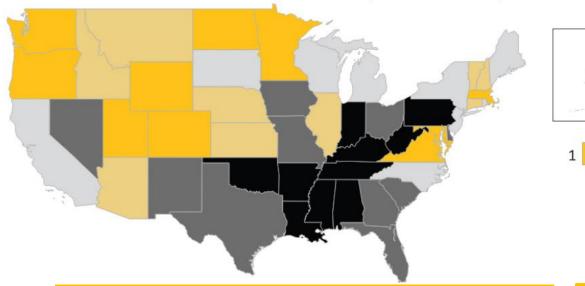




Healthy, Wealthy, and Wise – Kansas ranks near the national median

Rank

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

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

Kansas Healthy-Wealthy-Wise Index 2024

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 Healthy-Wealthy-Wise Healthy Wealthy Wise County Index Allen Anderson Bourbon Chase Chautauqua Cherokee Coffey Crawford Elk Greenwood Labette Linn Lyon Montgomery Neosho Wilson Woodson

EDBF

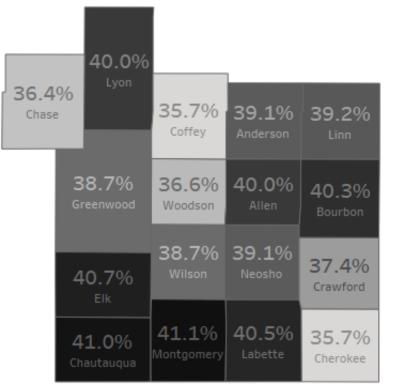
- Healthy: Near Median
- Wealthy: Near Median
- Wise: Near Median
- This is better overall than much of the region



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

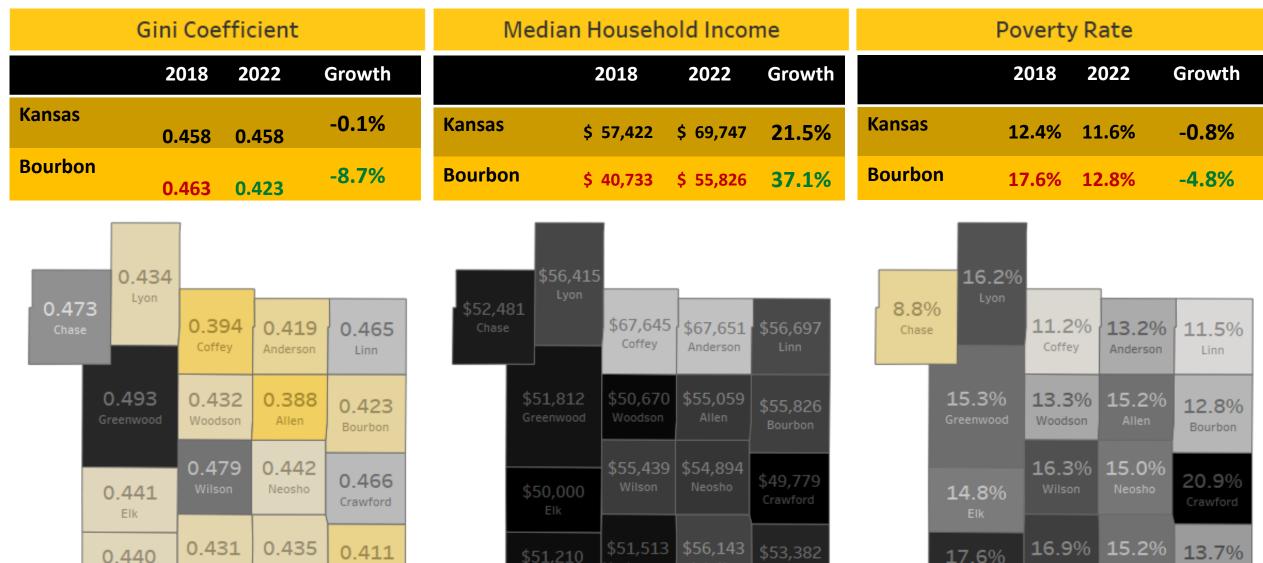
Low Birthweight Rate			Obesity Rate			Preventable Hospitalizations Rate					
	2018	2022	Growth		2018	2022	Growth		2018	2022	Growth
Kansas	7.0%	7.2%	0.2%	Kansas	32.4%	35.8%	3.4%	Kansas	5.1%	2.7%	-2.4%
Bourbon	7.3%	7.4%	0.1%	Bourbon	34.5%	40.3%	5.8%	Bourbon	6.7%	2.2%	-4.6%

		7.8%		1	
0.0% Chase			5.7% Coffey	5.7% Anderson	6.4%
		9.7% reenwood	5.8% Woodson	7.4% Allen	7.4% Bourbon
	ļ	5.8%	6.8% Wilson	7.1% Neosho	7.2% Crawford
		7.8% autauqua	7.8% Montgomery	7.3% Labette	8.9% Cherokee



		1.00/			
2.89 Chase		1.9% Lyon	2.3% Coffey	3.1% Anderson	4.4% Linn
	2.1% Greenwood 3.1% Elk		1.6% Woodson	2.7% Allen	2.2% Bourbon
			3.1% Wilson	4.0% Neosho	2.7% Crawford
		2.0% autauqua	2.4% Montgomery	2.2% Labette	2.8% Cherokee

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



Cherokee

Chautauqua

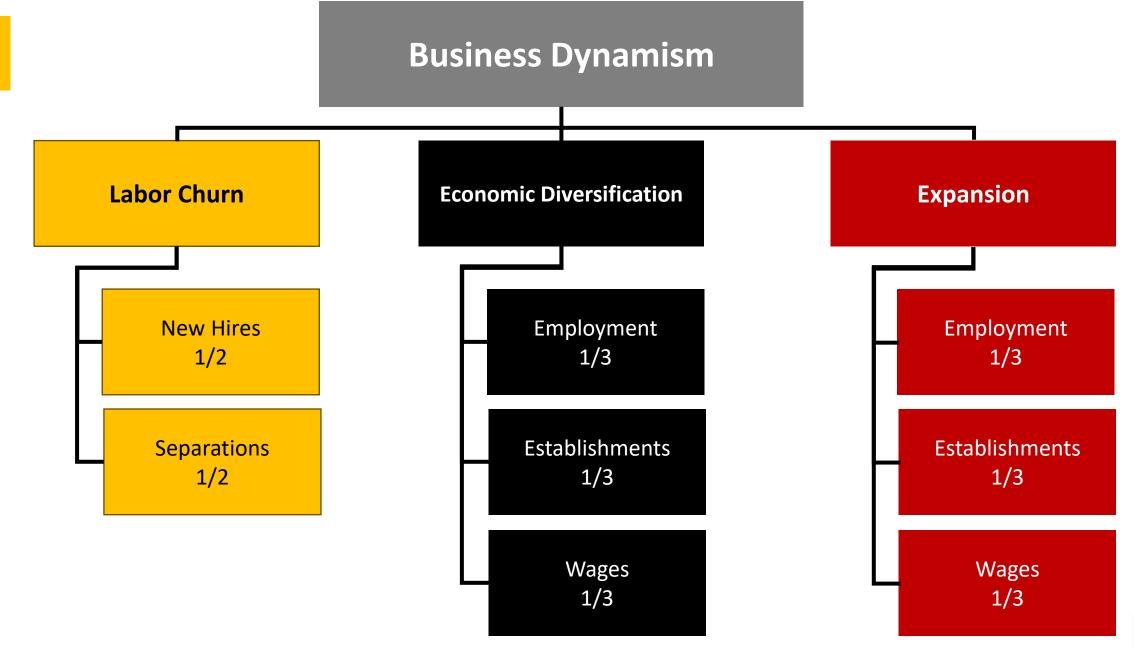
Montgomery

Chautaugua

Labette

Cherokee

	Wise – Strength in skilled trades and								ication	2018 2	022	Growth
	some	e co	llege,	highe	er degree	es are		Kansas	64	4.7% 66	5.1%	1.4%
	grow	ing,	but	overa	ll educat	ion fel	I	Bourbon	6	0.4% 59).4%	-1.0%
Some	College a	ind As	sociate [Degrees	В	achelor D	egrees			Advanced	d Degrees	5
	2	018	2022	Growth		2018	2022	Growth		2018	2022	Growth
Kansas	3:	1.8%	31.4%	-0.4%	Kansas	20.8%	21.7%	0.9%	Kansas	12.1%	13.0%	0.9%
Bourbo	on 39	9.8%	35.7%	-4.1%	Bourbon	13.7%	15.6%	1.9%	Bourbon	6.9%	8.1%	1.2%
30.8 Chase		39.19 Coffey 32.99 Woodsor 34.49 Wilson	Anderson 6 38.2% Allen 6 40.2%	34.2% Linn 35.7% Bourbon 34.3% Crawford	20.6% Chase 10.4 Green	wood Woodso 14.6 Wilsor	Anderson Anderson 12.3% Allen 414.4%	Bourbon	Gre	5.5% 5.1% eenwood 4.9	8% 6.2% Anders Anders 8% 7.3% odson Allen 9% 6.7% Ison Neosh	on Linn 6 8.1% Bourbon
	36.9% Chautauqua	36.1% Montgome	6 37.6% Ery Labette	37.7% Cherokee	11 .	970 Montaom	% 14.5% ery Labette	13.0% Cherokee		. / %0	9% 8.09 Jomery Labett	0.7 70

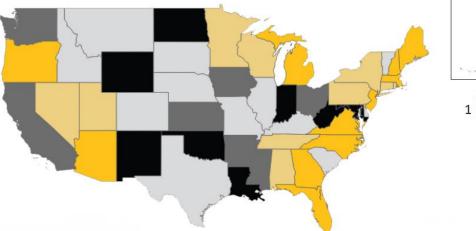


CEDBR



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

U.S. Business Dynamism Index, 2024



Rank 1 5

• 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	Employment	3	97.4
Diversification	Establishments	4	89.7
Diversification	Wages	2	96.0
	Employment Growth	4	0.6%
Economic Growth	Establishments Growth	5	5.0%
	Wages Growth	4	21.2%

Neighbor State Dynamism Ranks usiness Dynamism Labor Churn Economic Diversification Economic C

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

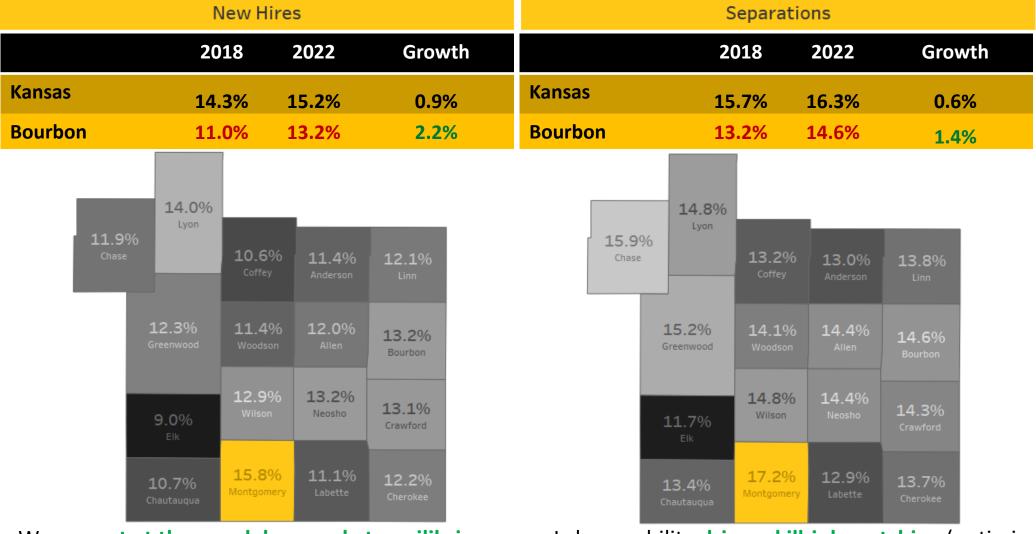
Business Dynamism Index Ranks 2024						
County	Business Dynamism	Labor Churn	Economic Diversification	Economic Growth		
Allen	2	2	2	2		
Anderson	1	4	1	1		
Bourbon	4	2	1	5		
Chase	5	2	5	5		
Chautauqua	3	4	4	3		
Cherokee	3	3	2	3		
Coffey	4	4	3	5		
Crawford	1	2	1	2		
Elk	2	5	5	2		
Greenwood	5	2	3	5		
Labette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

Rusiness Dynamism Index Panks 2024

- 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



- We are not at the new labor market equilibrium
 EDBR• 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

	0.837		1		
0.226 _{Chase}	Lyon	0.530 Coffey	0.483 Anderson	0.433 Linn	0.161 Chase
	0.223	0.174 Woodson	0.658 Allen	0.762 Bourbon	
- 1	0.165 Elk	0.492 Wilson	0.625 Neosho	0.853 Crawford	- 1
	0.219 hautauqua	0.419 Montgomery	0.704 Labette	0.646 Cherokee	



Employment

Concentration

Industrv

•	Two	perspectives -
---	-----	----------------

- Diversity weathers economic cycles ۰
- **Economies of Agglomeration** •
 - Industry-driven •

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	

Wages



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

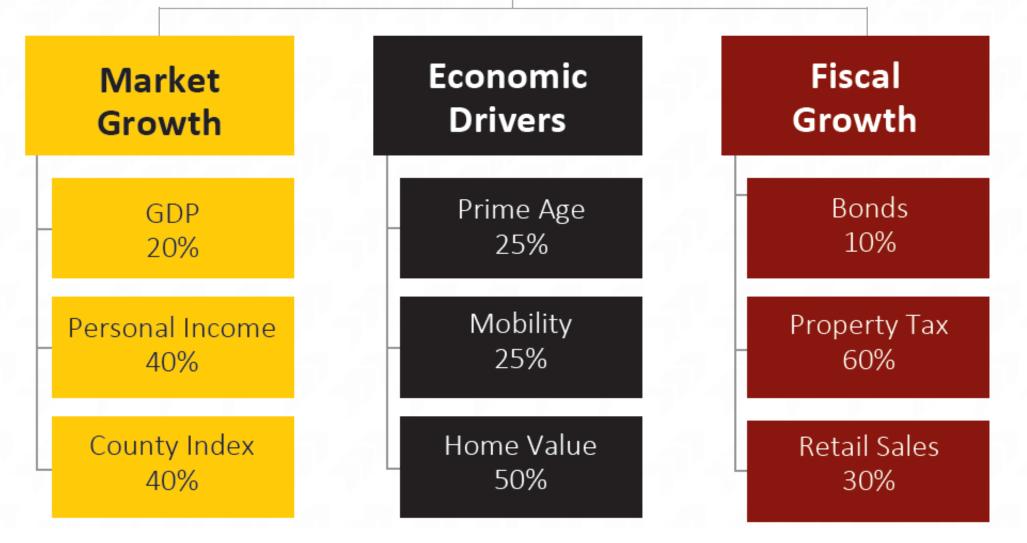
	Employr		Establishments			Wages					
	2018	2022	Growth		2018	2022	Growth	(\$millions)	2018	2022	Growth
Kansas			0.69/	Kansas				Kansas			
	1,383,119	1,390,817	0.6%		88,793	93,245	5.0%		64,463	78,133	21.2%
Bourbon	6,420	5,550	-13.6%	Bourbon	357	371	3.9%	Bourbon	221	224	1.4%

-7.9% Chase		2.7%		I	
		Lyon	-7.1% _{Coffey}	8.8% Anderson	3.9%
		L 1.6%	-4.2% Woodson	-1.3% Allen	-13.6% Bourbon
		0.3% Elk	-8.6% ^{Wilson}	2.2% Neosho	1.7% Crawford
		2.3% autauqua	-1.3% Montgomery	-8.6% Labette	-4.4% Cherokee

		1.7%				
-8.19 Chase		Lyon	-1.1% _{Coffey}	6.6% Anderson	2.0%	
		9.8% eenwood	-6.9% _{Woodson}	3.8% Allen	3.9% Bourbon	
	-	8.6% Elk	-1.6% ^{Wilson}	1.5% Neosho	3.1% Crawford	
).0% autauqua	9.5% Montgomery	-0.2% Labette	-0.3% ^{Cherokee}	

		27.7%				
10.2 Chase			-6.6% Coffey	32.5% Anderson	13.8% Linn	
	-3.4% Greenwood		16.8% Woodson	19.6% Allen	1.4% Bourbon	
	2	6.5%	9.6% Wilson	20.2% _{Neosho}	22.8% Crawford	
		7.1% autauqua	18.8% Montgomery	9.1% Labette	22.7% Cherokee	

Government Vitality







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
2.0% 29.9% Lyon 29.0% 2.0% 29.0% 2.0% 29.0% 2.0% 29.0% 2.0% 29.0% 2.0% 29.0% 2.0% 29.0% 9.1% 49.9% Greenwood 49.9% 19.0% 29.0% 24.3% 19.0% Vilson 51.4% Crawford 23.8% 27.5% 39.1% 55.2% 23.8% Cherokee	-0.2% 1.8% Lyon 0.4% 0.0% Coffey Anderson Linn -0.9% 1.3% 3.3% 1.2% Greenwood 0.7% -0.8% 0.3% 2.6% 0.2% -0.3% Elk -0.2% -1.6% 1.4%	-0.6% Lyon -1.5% -1.7% -1.0% -1.7% -1.0% -1.2% -1.0% 0.3% -1.2% 0.0% Greenwood -1.2% -2.6% -0.7% Wilson -1.2% -1.1% -1.1% -2.6% -1.5% -2.6% -1.2% -1.1% -1.1% -2.6% -1.5% -2.6% -1.5% -1.2% -1.1% -2.6% -1.5% -1.2% -1.1% -2.6% -1.5% -1.2% -1.1% -2.6% -1.5% -1.2% -1.7% Crawford -1.7% Chautauqua -1.5% -2.1% -1.7% -1.7%
Median Home Value	Inward Mobility Share	Prime Age Share
\$142,100 \$112,000 Chase \$156,700 \$156,700 \$168,700 \$142,300 Coffey Anderson Linn \$92,100 Greenwood \$112,000 \$107,500 Bourbon \$89,400 \$106,900 \$139,400 Crawford Elk \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$112,000 \$107,500 Bourbon \$139,400 Crawford \$112,000 \$112,000 \$107,500 \$139,400 \$112,000 \$112,000 \$107,500 \$139,400 \$112,000 \$112,000 \$107,500 \$10	10.8% Lyon 8.2% Coffey 8.0% 5.8% Linn 3.2% Greenwood 8.0% S.7% S.5% Construct	32.9% Lyon Chase 33.7% 32.3% Lyon 33.7% Coffey Anderson Linn 30.7% Greenwood Xwoodson 32.2% 32.8% Bourbon 32.2% 32.8% Crawford S1.1%

- Median home values have grown slower than statewide and remain low
- Inward mobility has grown, but remains low among regional counties
- Prime age share remained flat, outperforming its neighbors



Market Growth – Below Median overall

Income Per Capita Growth	GDP Growth	Current Index Growth					
43.1% Lyon 31.0% 27.5% Coffey Anderson 29.1% 18.5% Greenwood 18.5% 17.5% 20.4% Elk 30.1% 32.5% 30.1% Chautauqua 12.4% Chautauqua	28.5% Lyon -3.5% 69.6% 43.8% Corfey 19.2% Greenwood 29.9% Elk 13.6% Allen 29.9% Elk 13.6% Kontgomery Labette Chautauqua	9.1% Lyon 3.9% Chase -2.5% Greenwood 0.5% Anderson Linn -2.5% Greenwood 2.1% Allen Bourbon 4.4% Elk 6.1% Nontgomer Jabette 7.3% Chautauqua					
Income Per Capita	GDP (\$millions)	Current Index					

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

•

107.65

99.50

.06.80

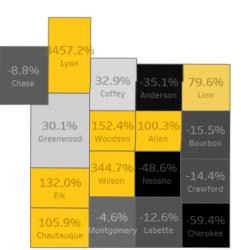
03.54

- GDP has grown by less than the state
- Current Index level and growth slightly below state average



Income Per Capita	GDP (\$millions)	Current Inde			
59,864 2 ^{Lyon} \$44,53 \$ 46,72 \$ 47,223 Coffey Anderson Linn	\$1,742 { \$156K Chase \$869K Coffey Anderson Linn	109.26 104.12 Chase Chase			
88,148,47,41,60,42,55,270	\$180K Greenwood \$99K Woodson Allen \$741K Bourbon	97.75 101.83			
\$54,68359,052 58,536 Wilson Neosho Crawford	\$379K \$686K \$2,053K Wilson Weosho	103.89 104.02 Elk			
59,348 ^{63,466} 43,68 ^{41,861}	\$82K \$2,723\$1,016\$1,111K	107.65 108.45 10			

Fiscal Growth – Below median overall



Per Capita Bonds Growth

Per-Cap	oita Proper	rty Tax Co		P	er-Capita I	Retail Sa	les Grow	vth			
	20.7%		1		1			32.7%		L	
31.7 Chase	%	22.3% Coffey	9.9% Anderson	15.0% Linn			60.4 Chase	%	105.6% _{Coffey}	16.4% Anderson	20 L
	27.8% Greenwood	19.0% Woodson	14.0% Allen	16.1% Bourbon				60.0% Greenwood	53.4% Woodson	33.9% Allen	34. Bou
	20.3%	13.2% Wilson	9.9% Neosho	16.5% Crawford				30.6%	26.1% Wilson	22.9% Neosho	30. Crav
	0.1%	8.4% Montgomery	6.1% / Labette	21.5% Cherokee				38.6% Chautauqua	35.2% Wontgomery	30.4% Labette	58 Chei

Per Capita Bonds				Per-Capita Property Tax Collections						Per-Capita Retail Sales				
\$119,01 \$5,738 Chase	16 \$2,975 Coffey	\$5,322 Anderson	\$7,454 Linn	\$3,11 Chase			\$2,100 Anderson	\$3,307 Linn		\$772 Chase	\$1,116 Lyon	\$1,406 Coffey	\$692 Anderson	\$611 Linn
\$2,746 Greenwood	\$577 Woodson	\$6,427 Allen	\$4,464 Bourbon		\$2,207 Greenwood	\$2,251 Woodson	\$1,957 Allen	\$1,403 Bourbon		c	\$709 Greenwood	\$637 Woodson	\$1,052 Allen	\$861 Bourbon
\$6,300 Elk	\$14,570 Wilson	\$5,999 Neosho	\$2,513 Crawford		\$2,178 Elk	\$1,634 ^{Wilson}	\$1,501 Neosho	\$1,026 Crawford			\$622 _{Elk}	\$570 ^{Wilson}	\$979 Neosho	\$1,004 Crawford
\$2,187 Chautauqua	\$5,697 Montgomer	\$3,535 Labette	\$1,917 Cherokee		\$1,709 Chautauqua	\$1,766 Montgomery	\$1,242 Labette	\$1,154 Cherokee		c	\$532 hautaugua	\$954 Montgomery	\$792 _{Labette}	\$574 Cherokee

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

34.4%

- Per capita property tax ulletcollections 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

