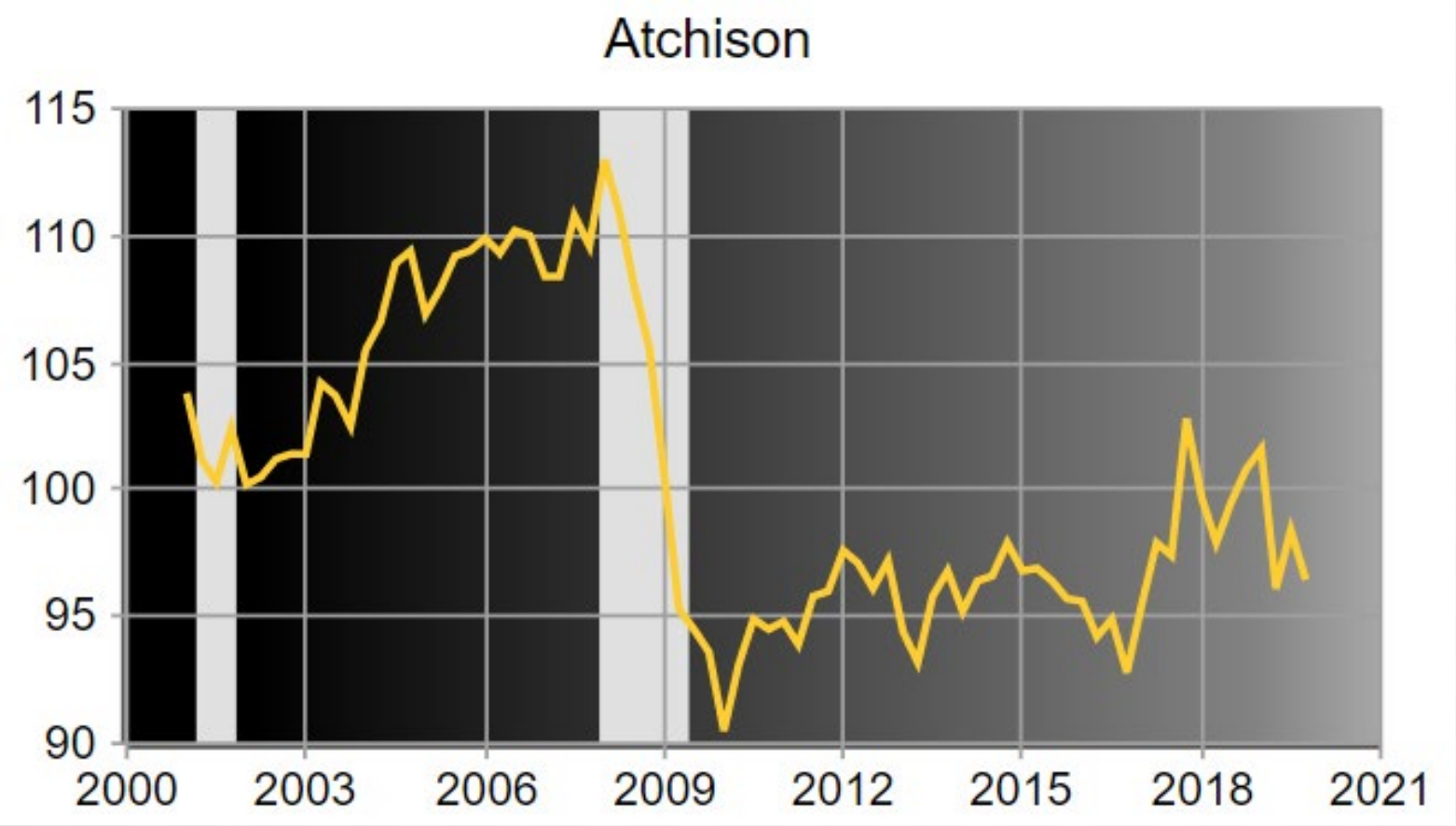
Atchison Local Economy

James Young
Benedictine College

CEDBR

County Index



- The index includes the following:
  - employment
  - unemployment rate
  - retail sales
  - and, as appropriate:
    - local manufacturing wages
    - Kansas oil production
    - Kansas farm proprietor's income
- Q4 2019 last observation

Source: CEDBR (countyindex.kansaseconomy.org)

Data

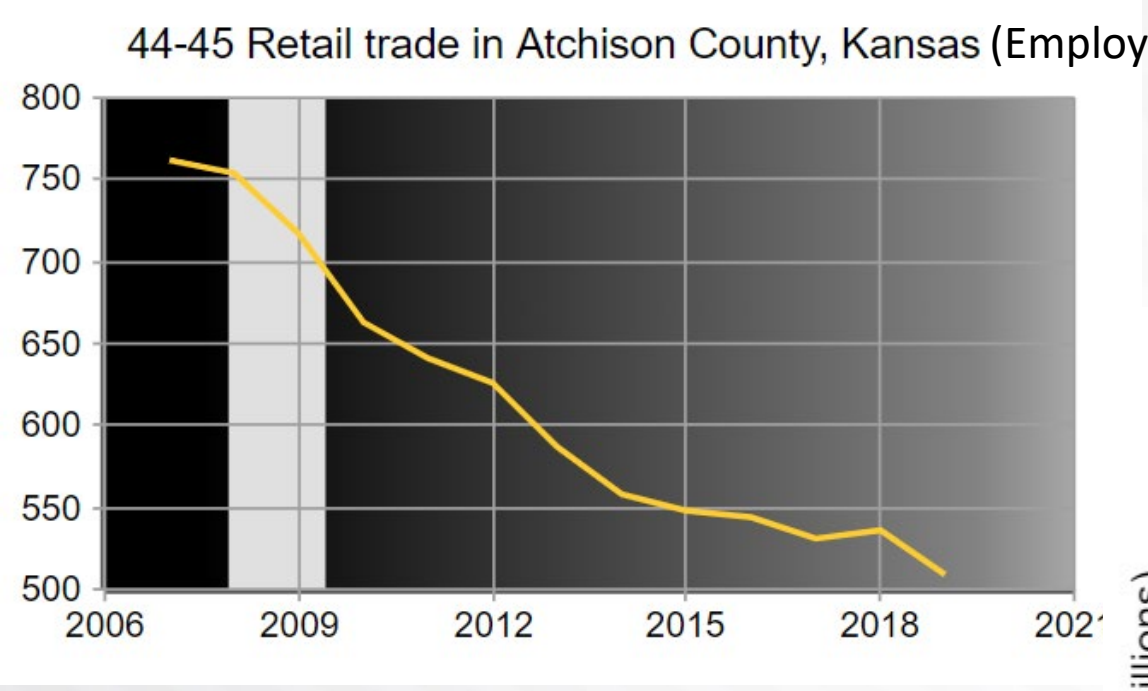
Quarterly Census of Employment and Wages

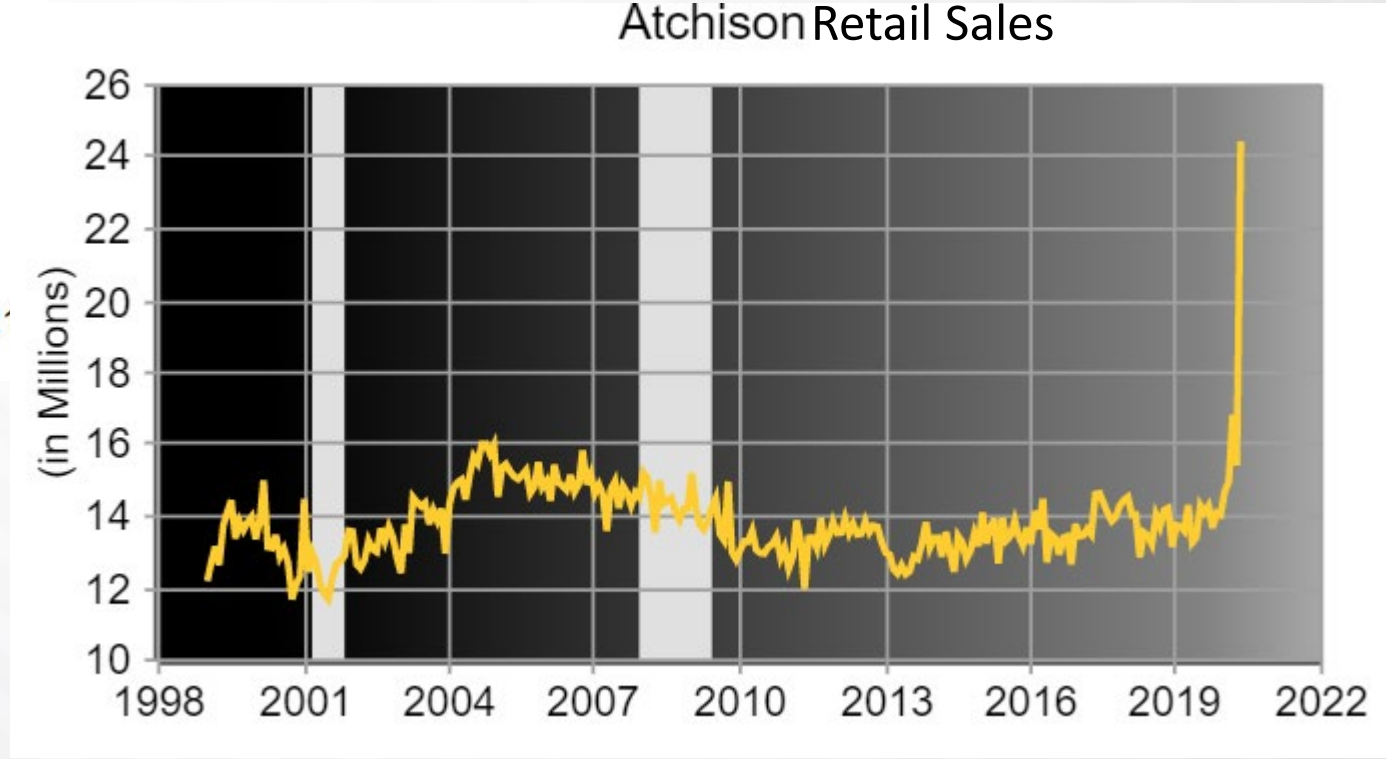
"QCEW is the Quarterly Census of Employment and Wages. The program originated in the 1930s, and was known as the ES-202 program until 2003 when the current QCEW name was adopted. The primary economic product is the tabulation of employment and wages of establishments which report to the Unemployment Insurance (UI) programs of the United States. Employment covered by these UI programs represents about 97% of all wage and salary civilian employment in the country" https://www.bls.gov/cew/questions-and-answers.htm

Retail Sales

"In Kansas, taxable retail sales include the retail sale, rental or lease of tangible property; labor services to install, repair, or service personal property; and admissions to amusement and recreation places." https://www.kansaseconomy.org/economic-indicators/retail-sales

Selected Industries



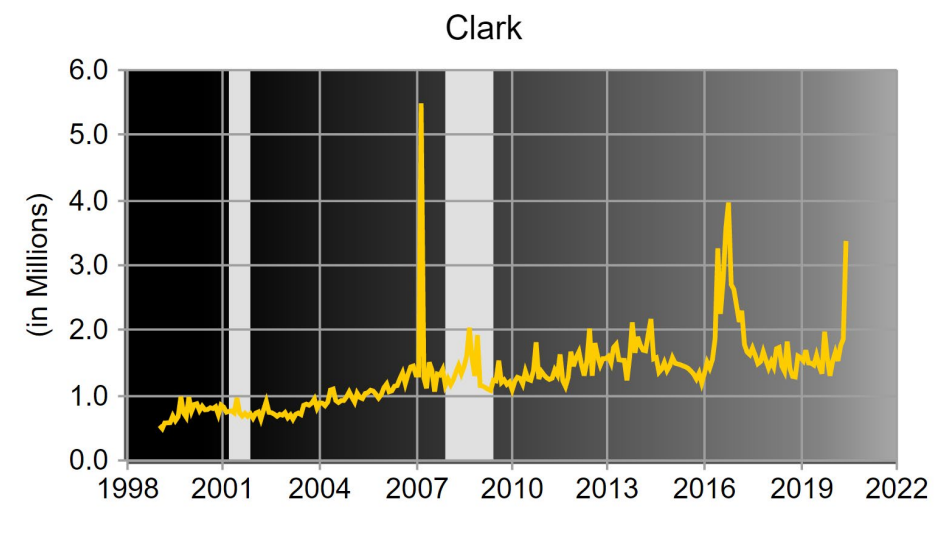


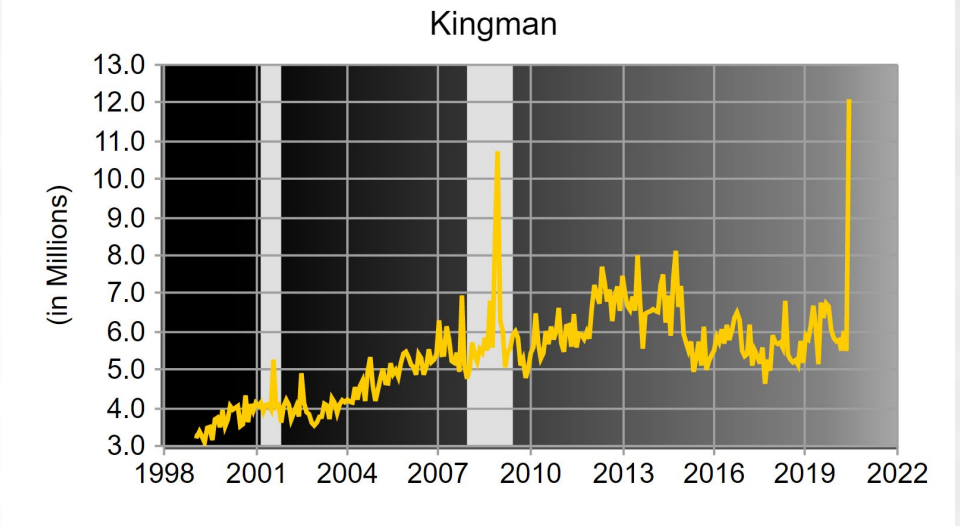
Source: CEDBR, BLS – QCEW, Inflation Adj. Retail Sales

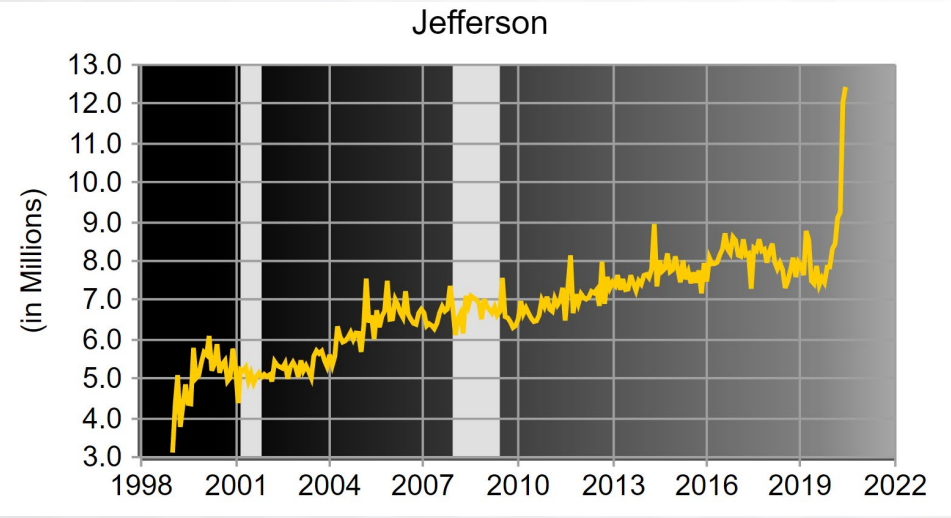
Back of the Envelope Comparison

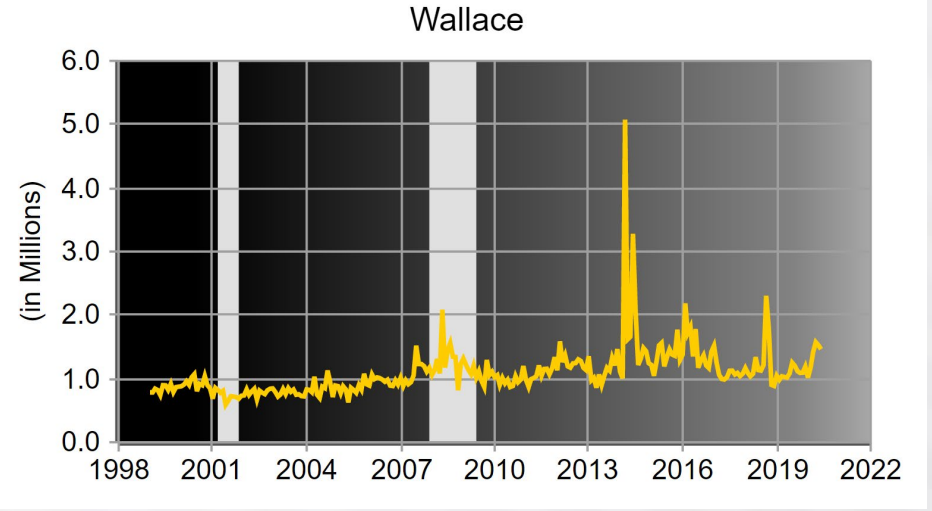
- Atchison had maybe $10-12 million extra in retail sales over the course of three months (nominal and real measures similar)
- Stimulus
  - Population of Atchison County
    - 19 and under 4,677
    - 20 and over 11,789
  - Ballpark upper bound on stimulus
    4,677*$500+11,789*$1,200=$16,485,300
  - Obviously "wrong"
    - Phaseouts
    - Leakages and spending from the outside
    - Additional unemployment benefits

Other Examples of Large Increases in Retail Sales









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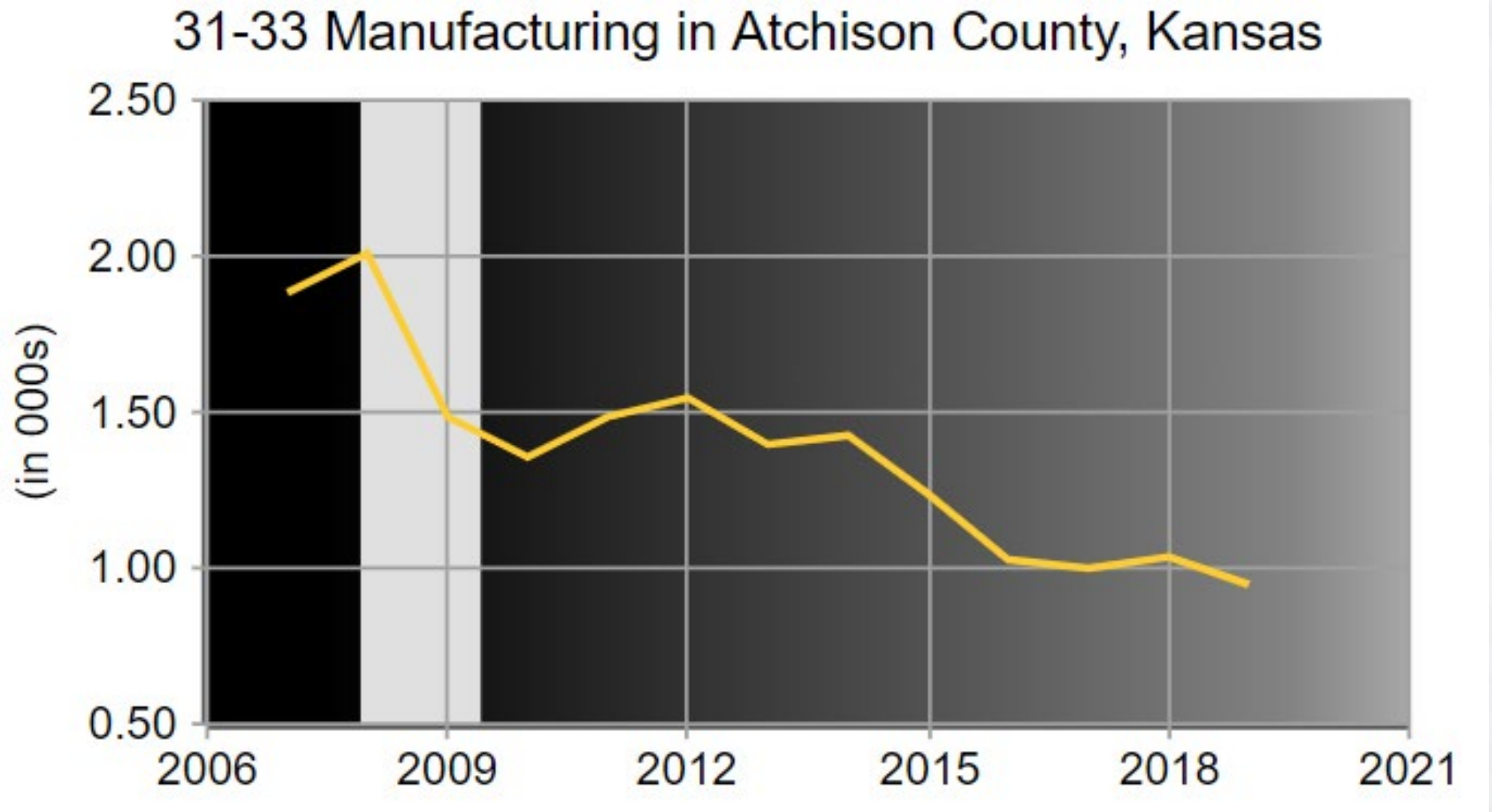
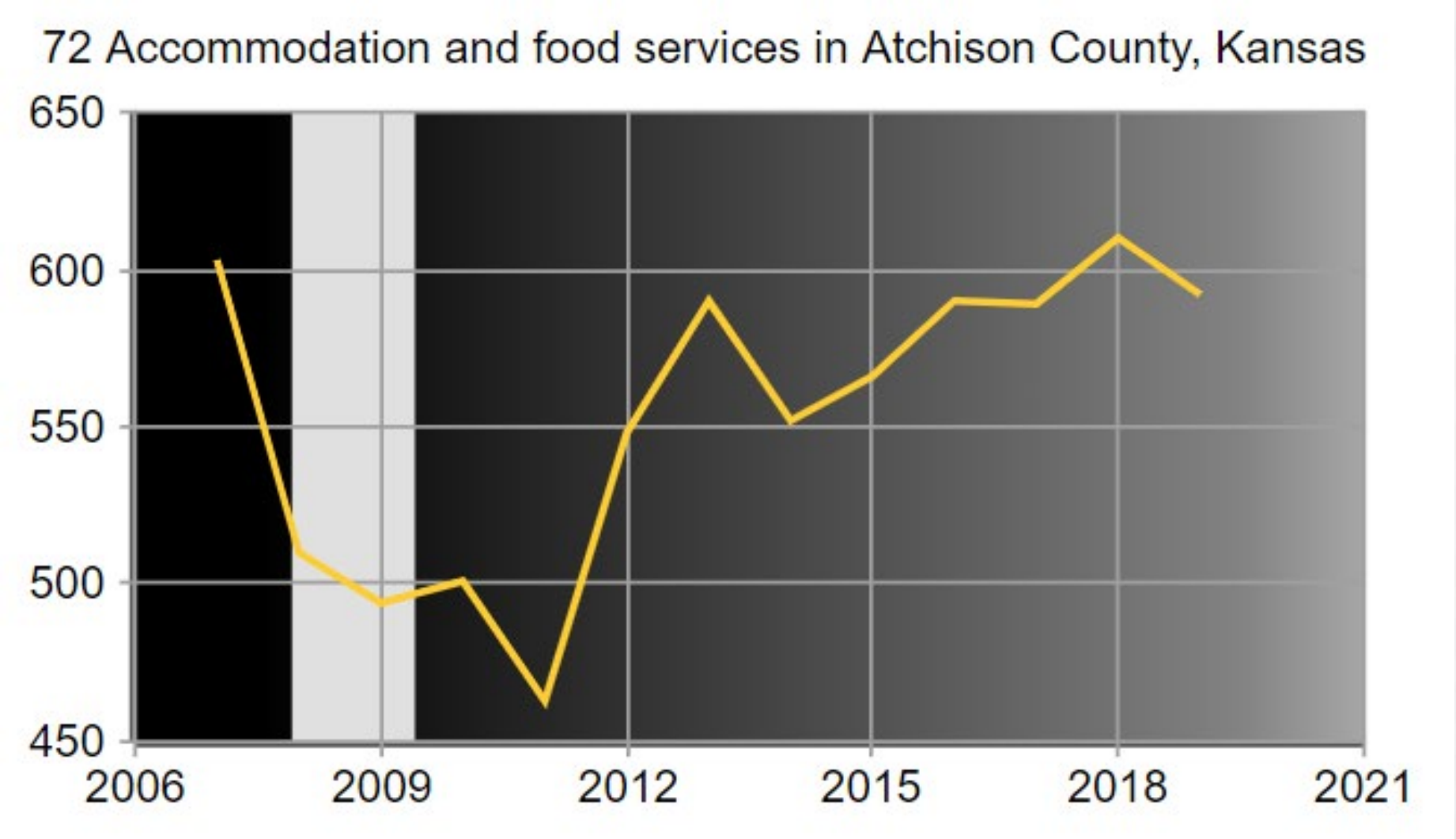
Selected Industries



Source: CEDBR, BLS - QCEW

Selected Industries

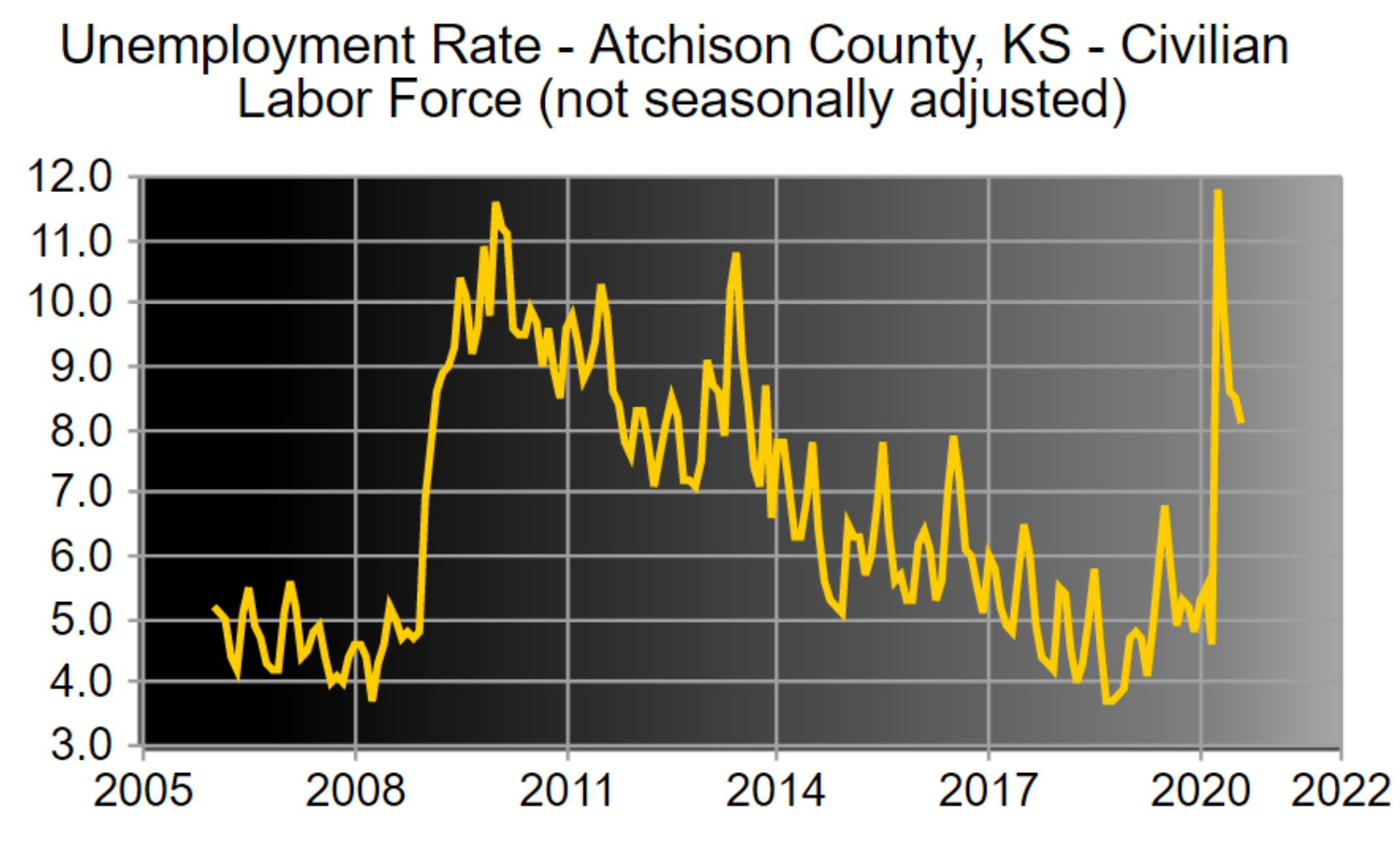


Source: CEDBR, BLS - QCEW

The Local Area Unemployment Statistics (LAUS)

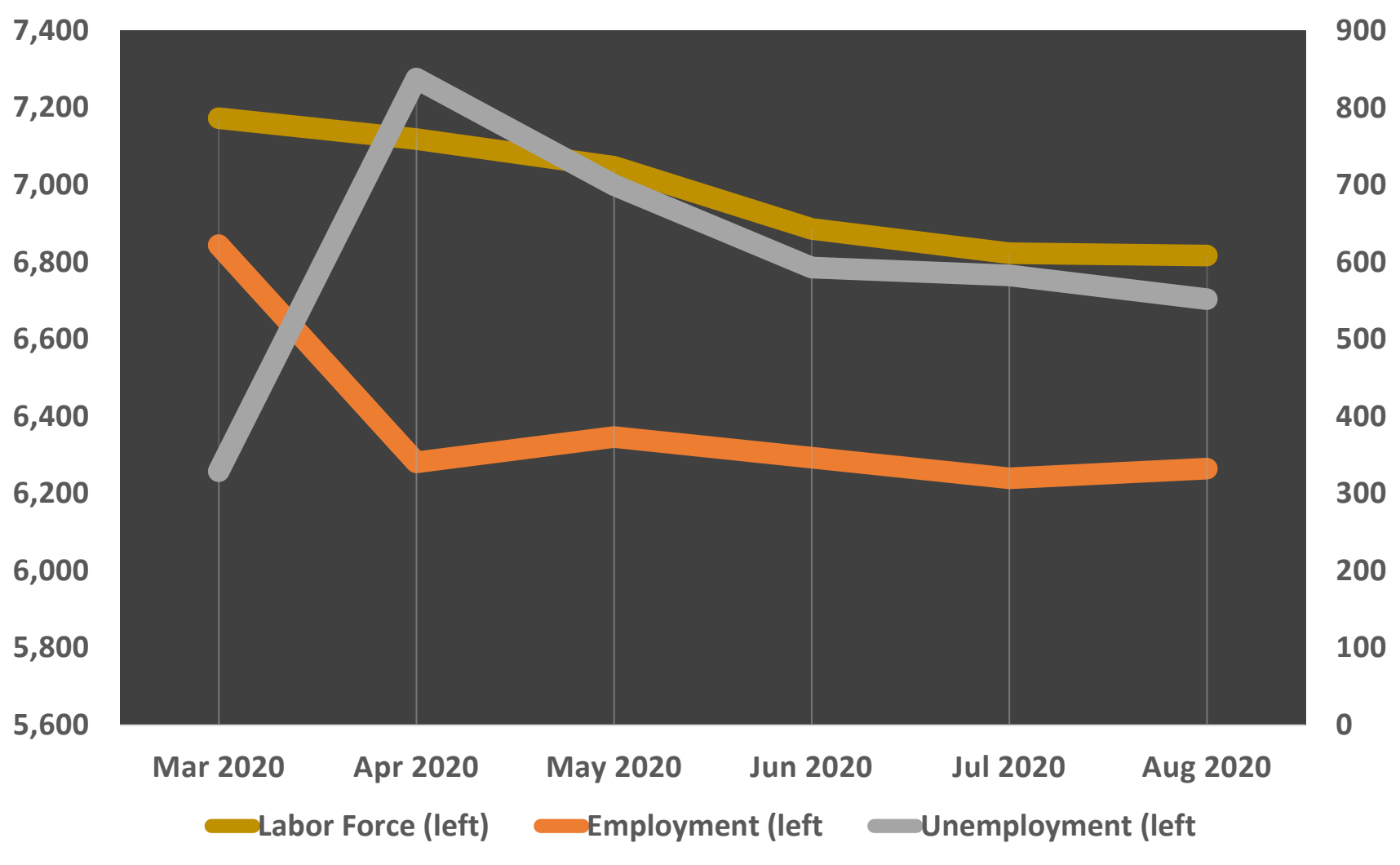
"National data come from the Current Population Survey (CPS), a sample survey of 60,000 households, which provides a wealth of demographic and economic characteristic detail for the U.S. as a whole. The CPS sample is too small to support reliable estimation of even total employed and unemployed for subnational areas on a monthly basis. (For example, not all counties are covered in the CPS sample.) The LAUS program uses non-survey methodologies to estimate total employed and unemployed for subnational areas on a monthly basis, using the national not-seasonally-adjusted estimates from the CPS as controls. No detailed demographic or economic characteristic data are available through these non-survey methodologies." https://www.bls.gov/lau/laufaq.htm#Q04

Unemployment



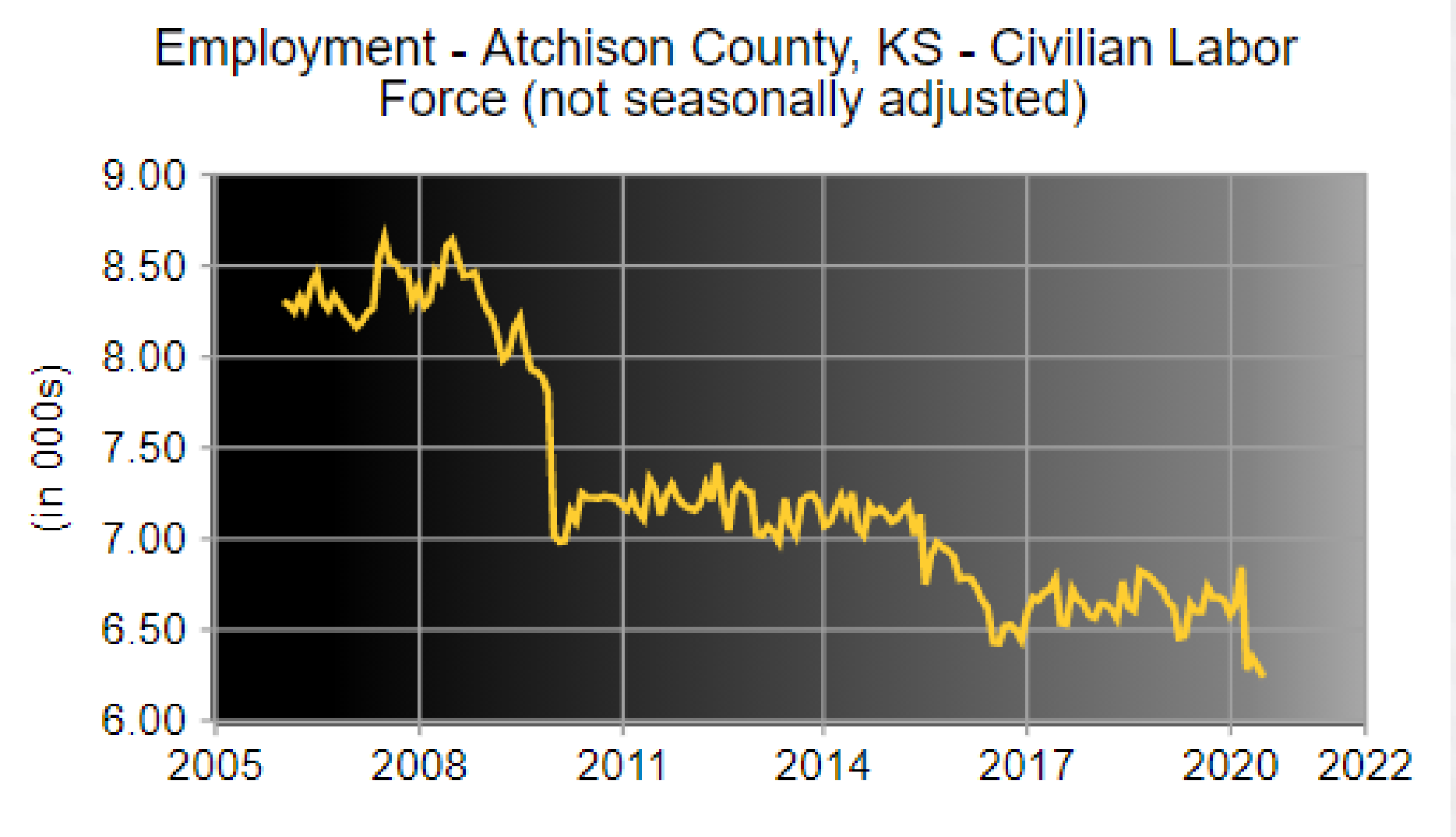
Source: CEDBR, BLS - LAUS

Components of the Unemployment Rate



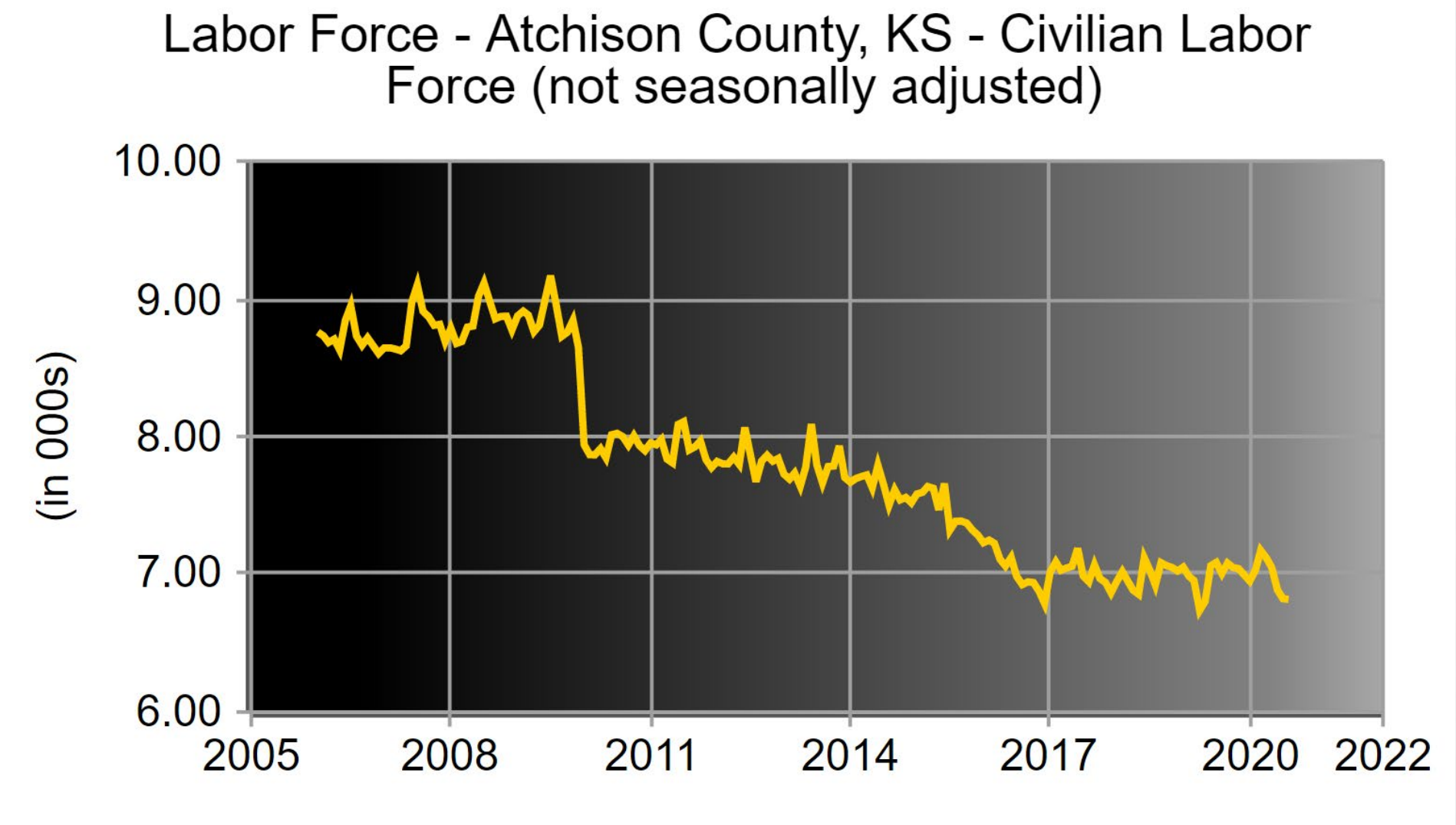
Source: CEDBR, BLS - LAUS

Employment



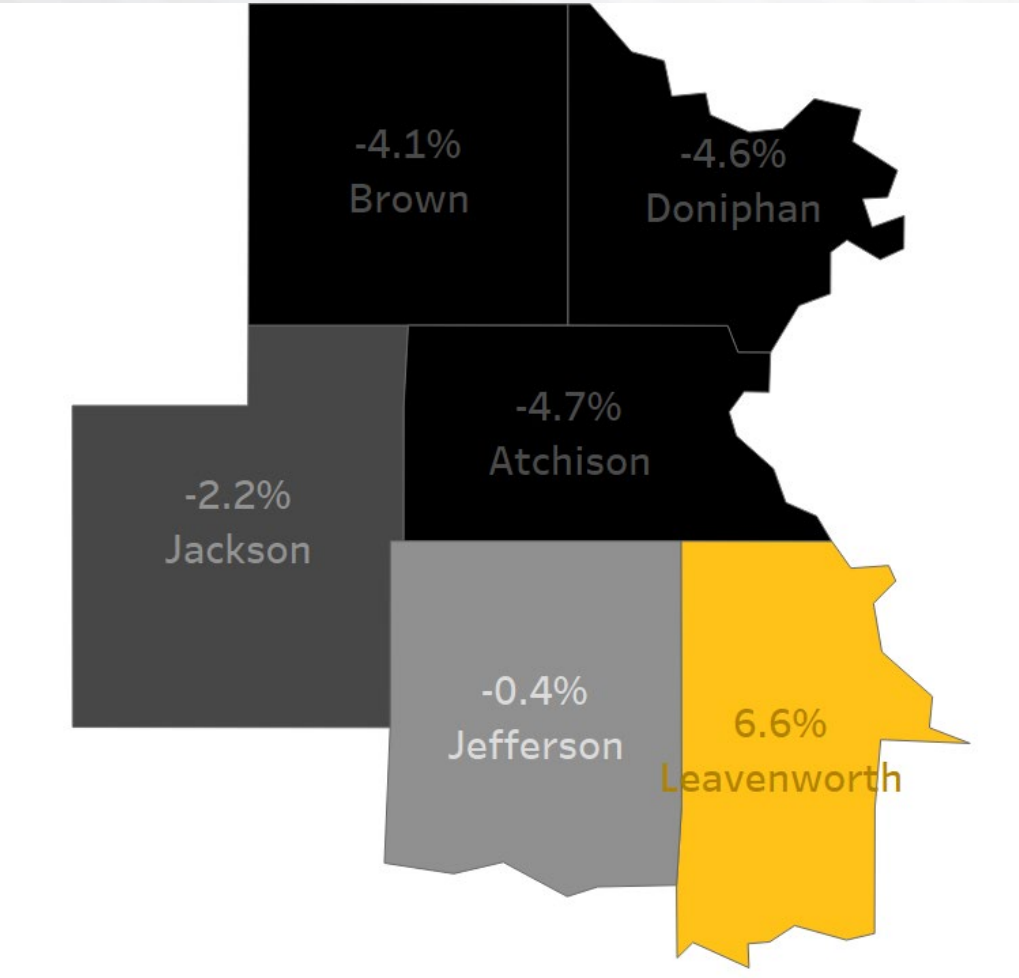
Source: CEDBR, BLS - LAUS

Labor Force



Source: CEDBR, BLS - LAUS

Population YR/YR 2019



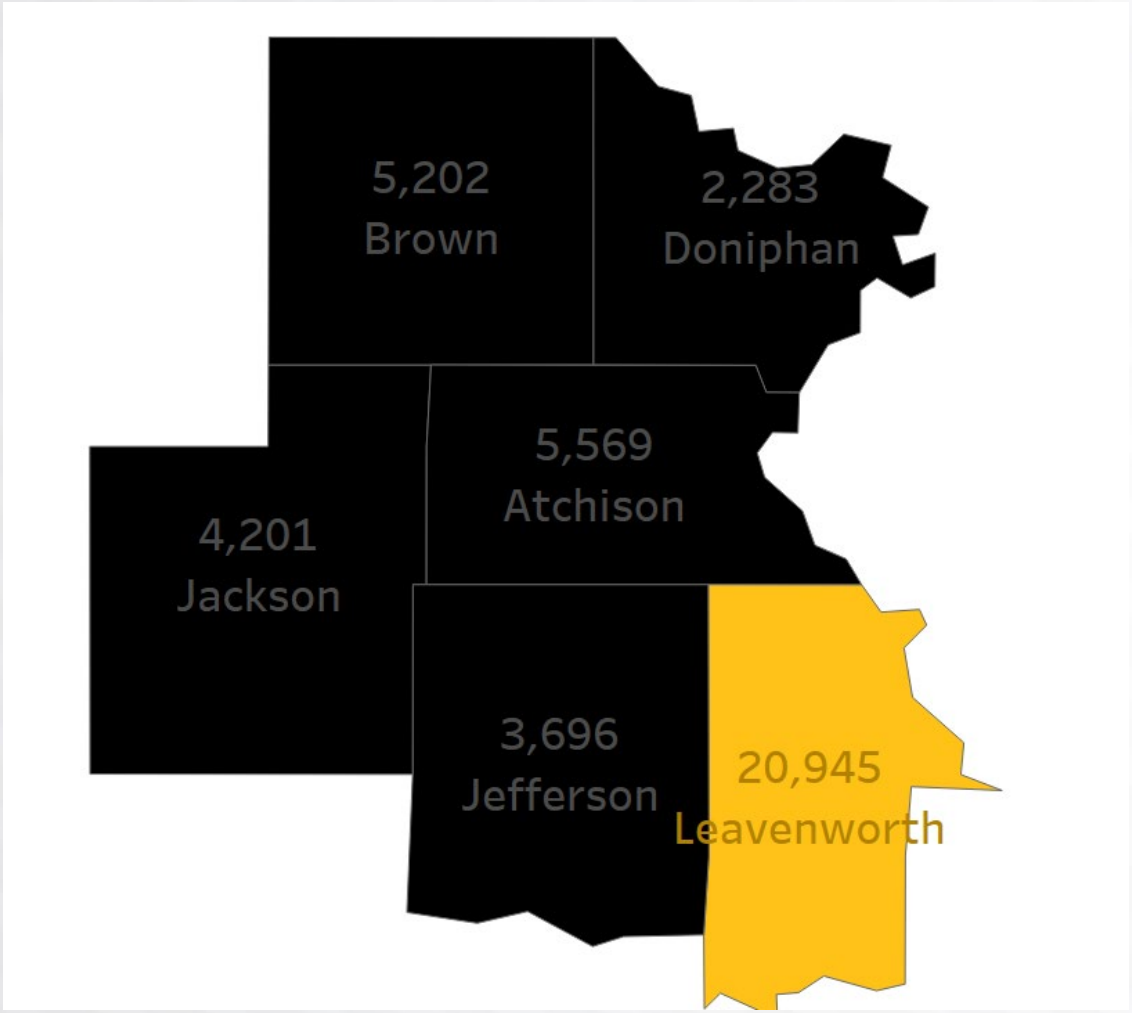
Census Annual Population Estimates:

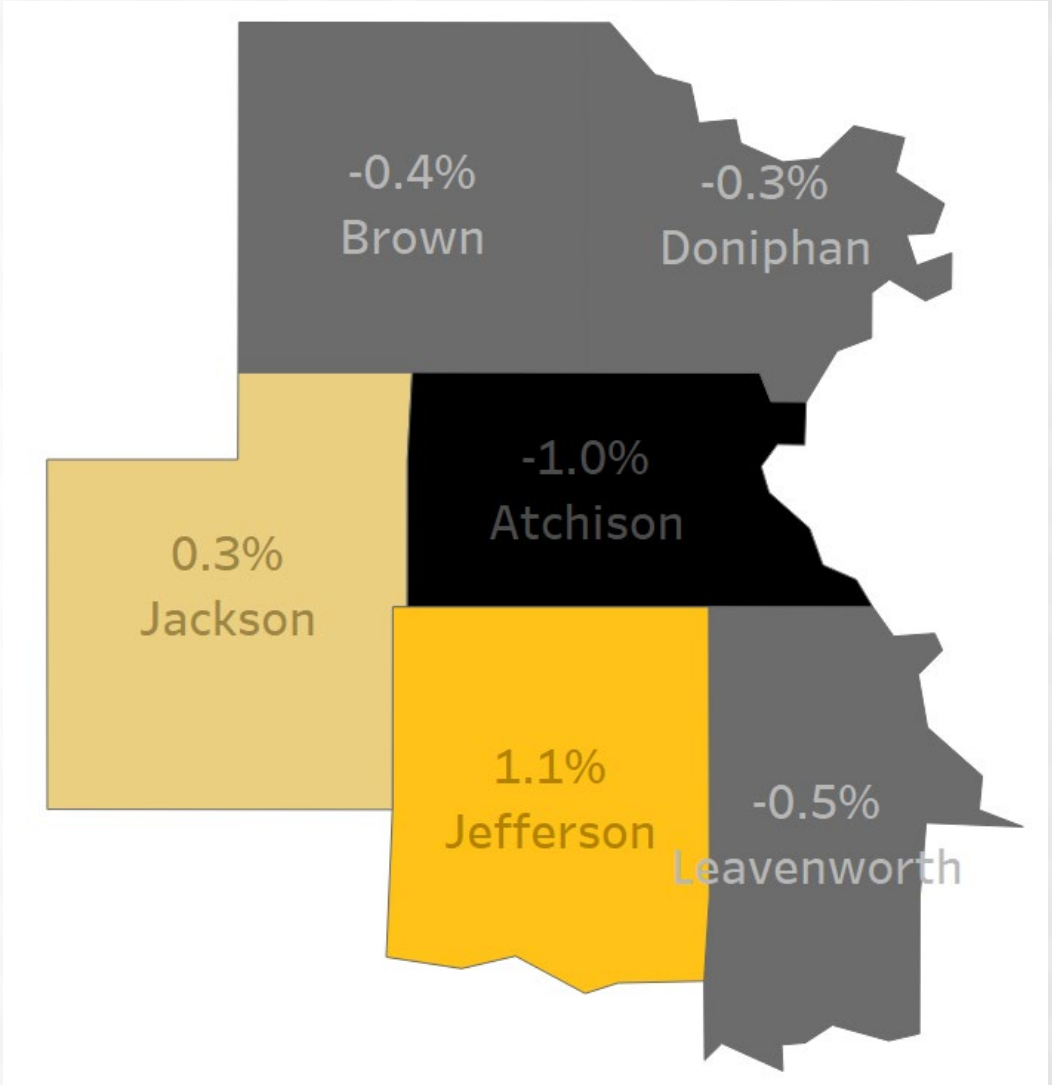
"The population estimate at any given time point starts with a population base (the last decennial census or the previous point in the time series), adds births, subtracts deaths, and adds net migration (both international and domestic)."

https://www2.census.gov/programs-surveys/popest/technical-documentation/methodology/2010-2019/natstcopr-methv2.pdf

Source: CEDBR, Census

Regional Economy - YR/YR EMPLOYMENT 2019





Source: CEDBR, BLS - QCEW

Employment Growth

	Region			Atchison		
	2018	2019		2018	2019	
Natural Resources and Mining	474	460	-3%	48	44	-8%
Construction	2,265	2,318	2%	261	284	9%
Manufacturing	4,582	4,495	-2%	1,035	947	-9%
Trade, Transportation, and Utilities	5,474	5,460	0%	752	726	-3%
Information	231	222	-4%			
Financial	1,752	1,760	0%	297	313	5%
Leisure and Hospitality	3,480	3,447	-1%	631	629	0%
Professional and Business	2,773	2,514	-9%	378	330	-13%
Education and Health	5,280	5,335	1%	1,171	1,222	4%
Other services	1,003	984	-2%			
Federal Government	4,458	4,488	1%	44	45	2%
State Government	854	832	-3%	48	48	0%
Local Government	9,263	9,432	2%	840	855	2%

Source: CEDBR, BLS - QCEW

Annual Wages

Industry	Annual Pay 2018	2019	Difference
Natural Resources and Mining	$ 30,156	$ 29,332	$ (824)
Construction	$ 43,635	$ 47,584	$ 3,949
Manufacturing	$ 69,552	$ 77,655	$ 8,103
Trade, Transportation, and Utilities	$ 30,823	$ 31,857	$ 1,034
Information	$ -	$ -	$ -
Financial	$ 62,212	$ 59,995	$ (2,217)
Leisure and Hospitality	$ 12,186	$ 12,742	$ 556
Professional and Business	$ 36,503	$ 38,689	$ 2,186
Education and Health	$ 43,655	$ 44,037	$ 382
Other services	$ -	$ -	$ -
Federal Government	$ 48,532	$ 52,319	$ 3,787
State Government	$ 37,683	$ 38,948	$ 1,265
Local Government	$ 30,340	$ 31,457	$ 1,117
Total	**$ 41,092**	**$ 42,894**	**$ 1,802**

Source: CEDBR, BLS - QCEW

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