

Labor Market Update

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Job Opening and Labor Turnover Survey (JOLTS)

Business Establishment Survey

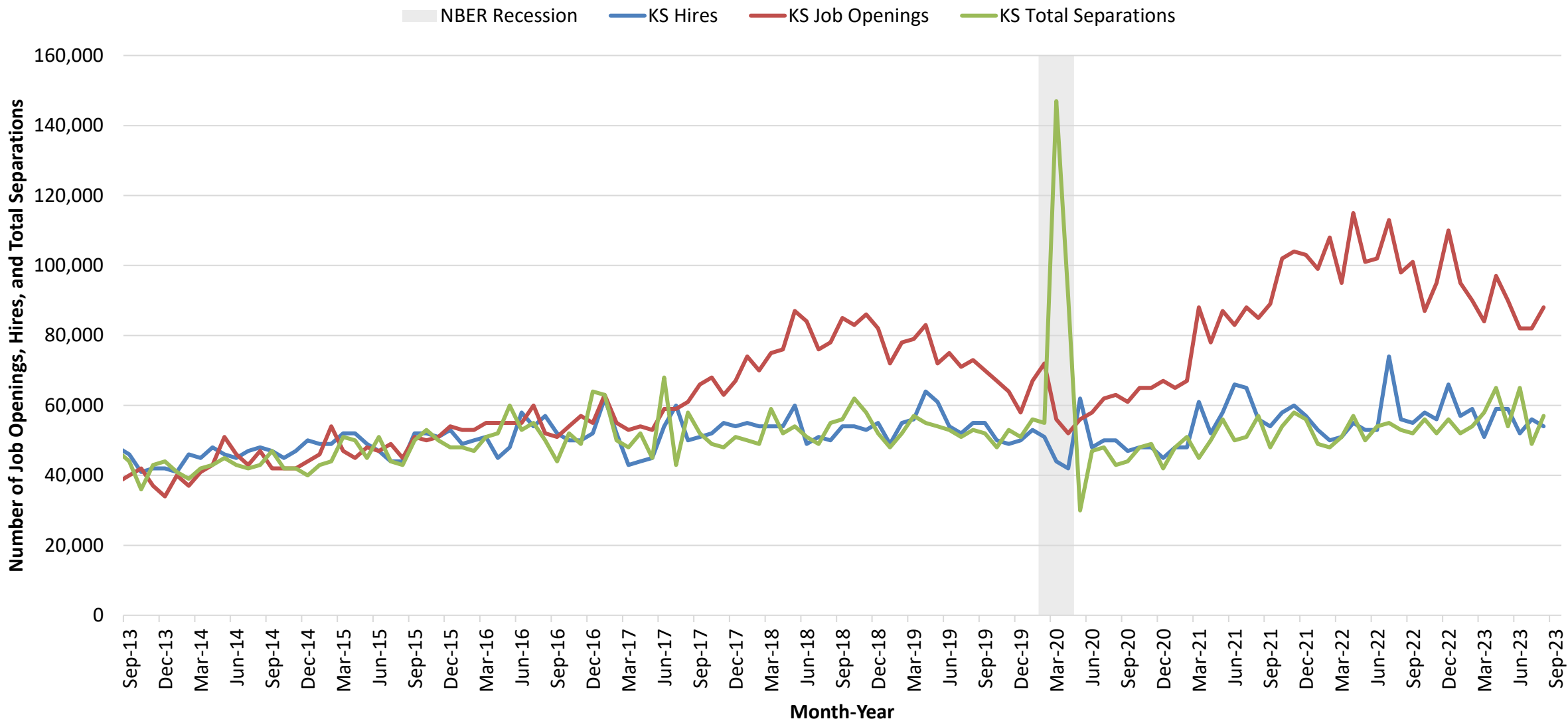
JOLTS FAQs: https://www.bls.gov/jlt/jlt_statedata_faq.htm



Job Openings and Labor Turnover Survey (JOLTS)

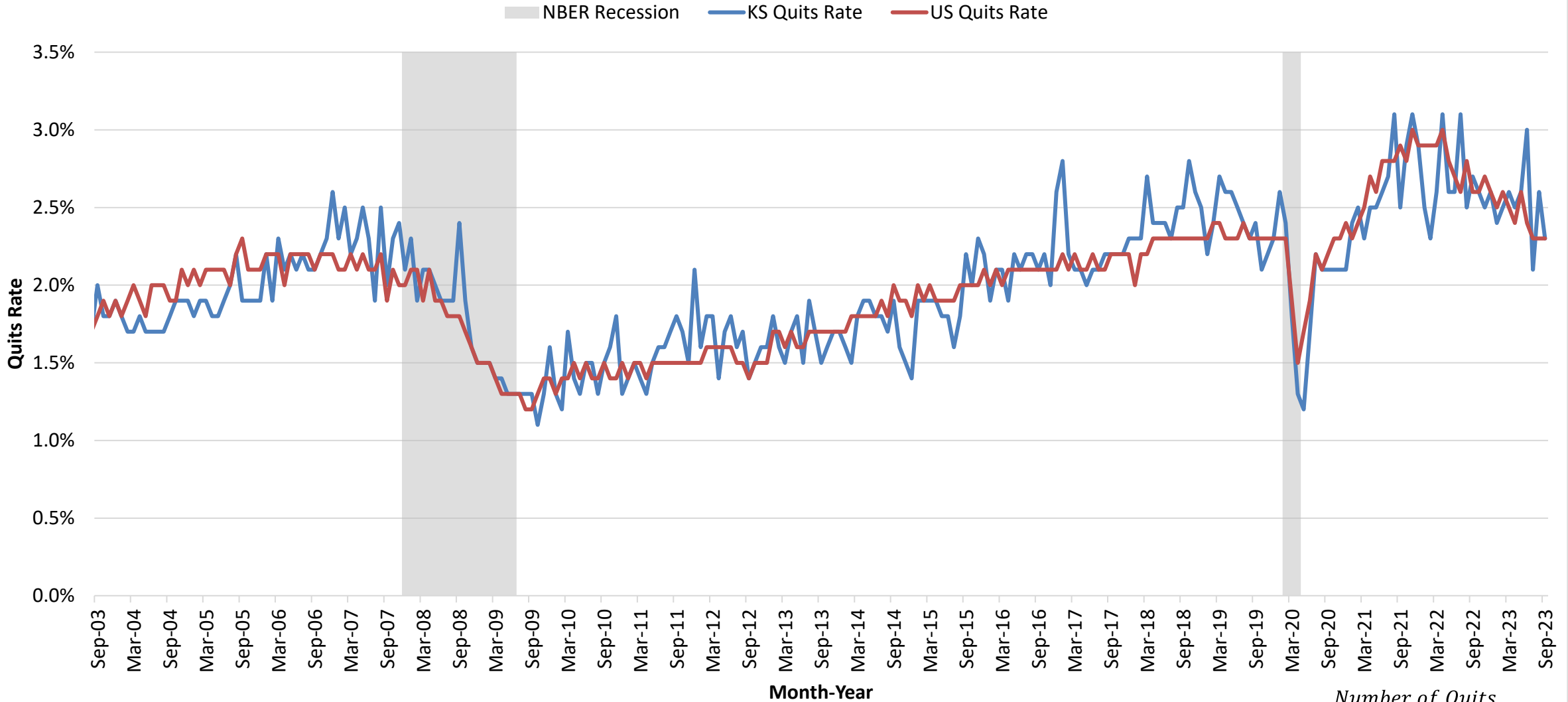
- JOLTS state model incorporates:
 - JOLTS sample data
 - JOLTS regional-level estimates
 - Current Employment Statistics state estimates
 - Quarterly Census of Employment and Wages establishment counts
- Concepts (<https://www.bls.gov/opub/hom/jlt/concepts.htm>):
 - *Job openings* includes all positions that are open on the last business day of the reference month.
 - *Hires* include all additions to the payroll during the entire reference month.
 - *Separations* include all separations from the payroll during the entire reference month and are reported by type of separation: quits, layoffs and discharges, and other separations.

Total Nonfarm Job Openings, Hires, and Total Separations Kansas September 2013 to September 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Job Openings and Labor Turnover Survey (JOLTS)

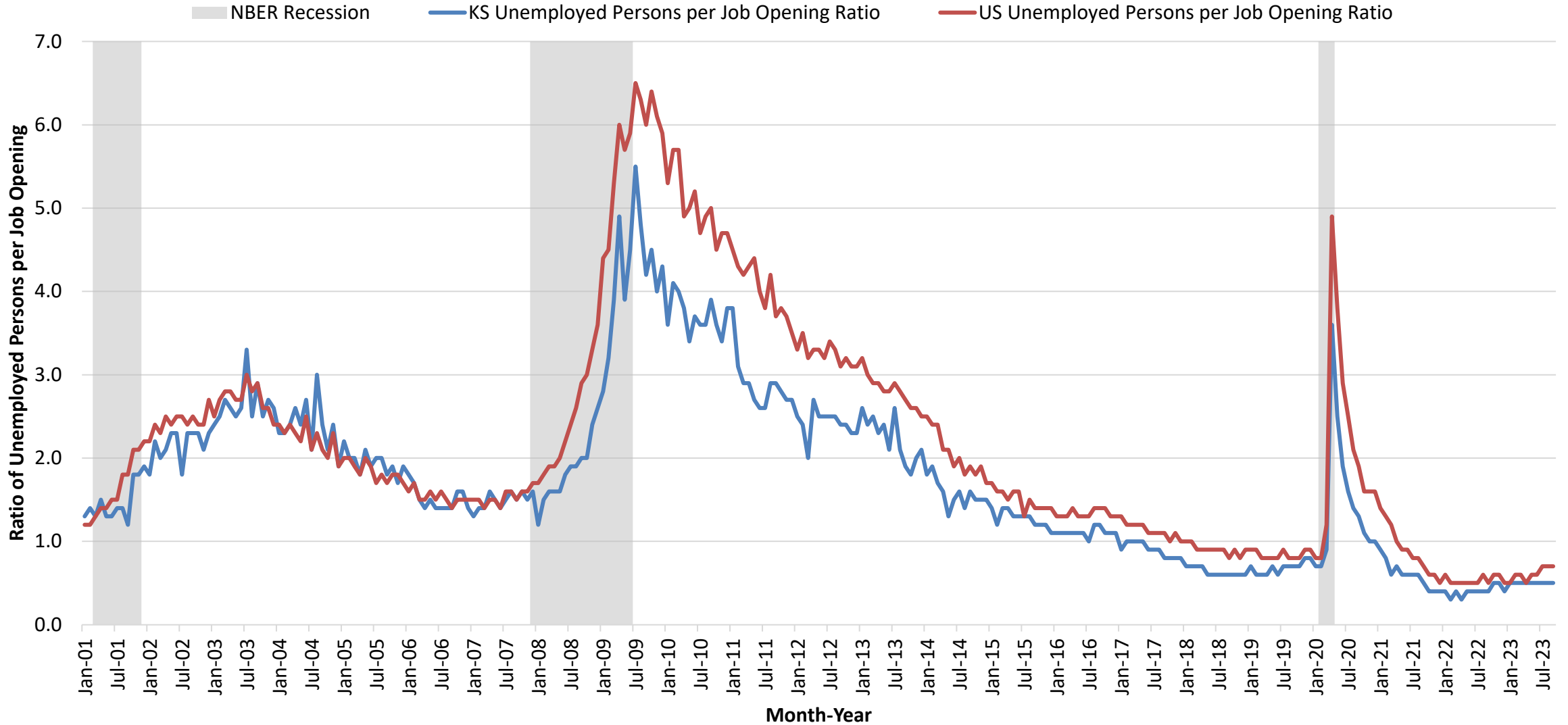
Total Nonfarm Quits Rate Kansas and U.S. September 2003 to September 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Job Openings and Labor Turnover Survey (JOLTS)

$$\text{Quits Rate} = \frac{\text{Number of Quits}}{\text{Employment}} * 100$$

Unemployed Persons per Job Opening Ratio Kansas and U.S. January 2001 to September 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Job Openings and Labor Turnover Survey (JOLTS)

Current Employment Statistics (CES) Program

Payroll Survey Data

CES FAQs: <https://www.bls.gov/sae/questions-and-answers.htm>



Current Employment Statistics (CES)

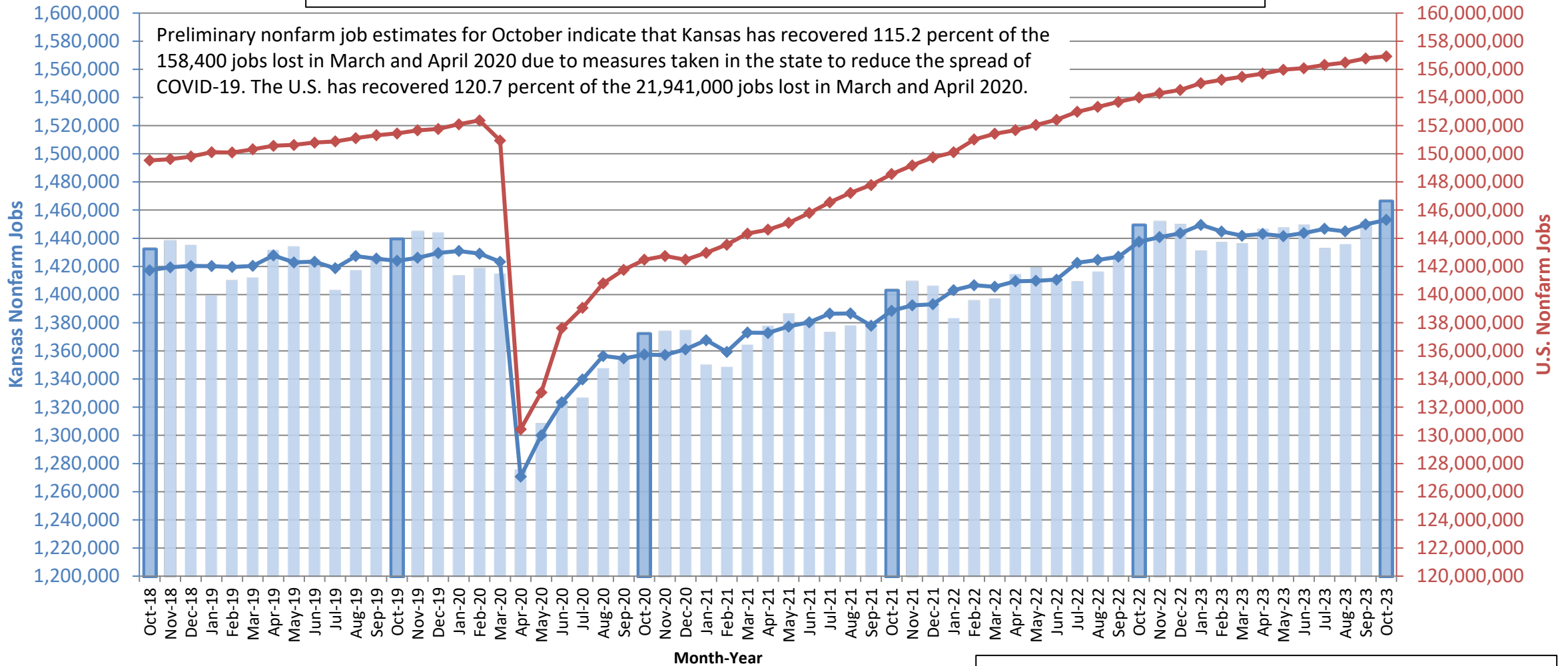
The Current Employment Statistics (CES) program is a monthly survey of employers conducted by the Bureau of Labor Statistics. The program provides employment, hours, and earnings estimates by industry.

- Employment data refer to persons on establishment payrolls who receive pay for any part of the pay period that includes the 12th of the month
 - Persons are counted at their place of work rather than at their place of residence
 - Persons appearing on more than one payroll are counted on each payroll
- Establishments are classified in an industry based on their principal product or activity using the North American Industry Classification System.

<https://www.bls.gov/sae/overview.htm>

Nonfarm Jobs Kansas and U.S. October 2018 to October 2023

■ Kansas Jobs
 ◆ Kansas Jobs (Seasonally Adjusted)
 ◆ U.S. Jobs (Seasonally Adjusted)



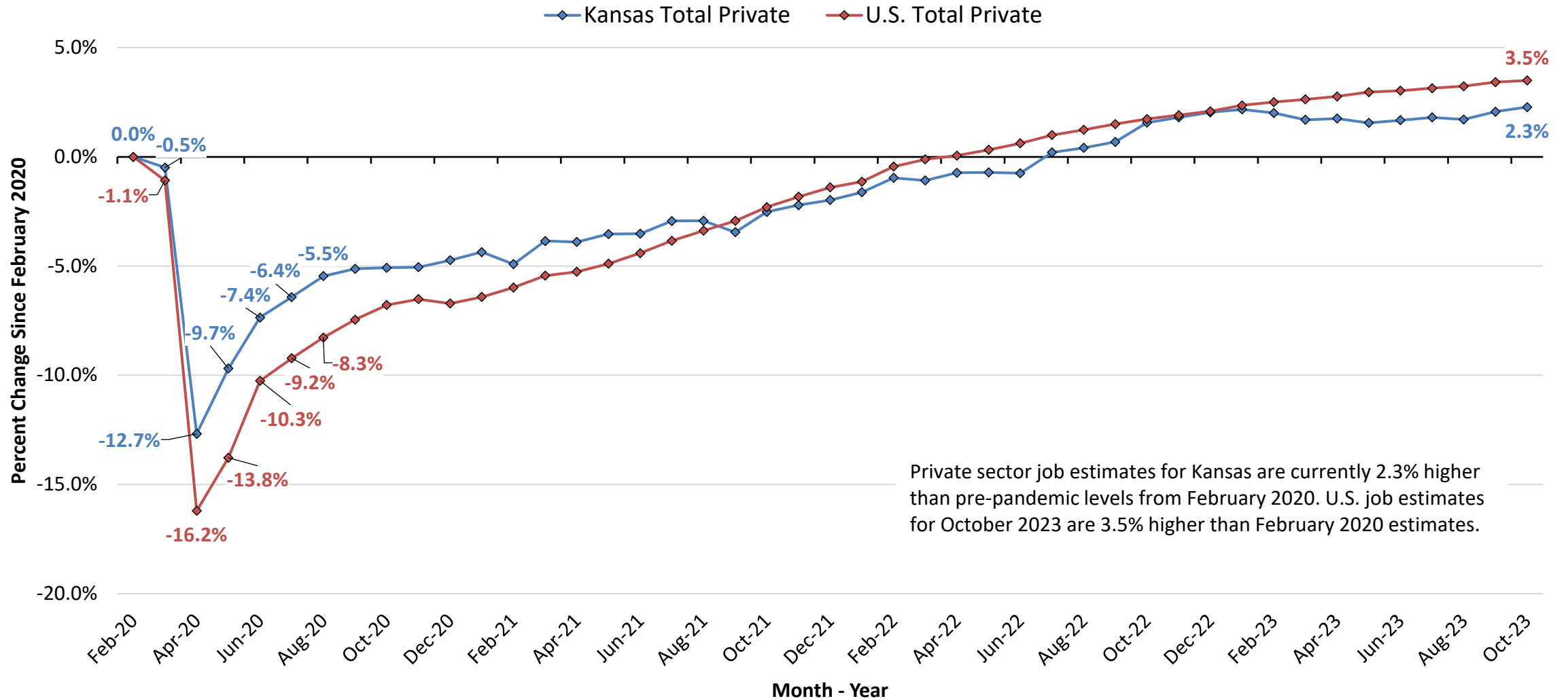
Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Employment Statistics (CES)

Over-the-Year Percent Change in Jobs, Not Seasonally Adjusted (KS) +1.2%
 Over-the-Year Percent Change in Jobs, Not Seasonally Adjusted (US) +1.9%

Percent Change in Jobs Since February 2020

Total Private (seasonally adjusted)

February 2020 to October 2023



Private sector job estimates for Kansas are currently 2.3% higher than pre-pandemic levels from February 2020. U.S. job estimates for October 2023 are 3.5% higher than February 2020 estimates.

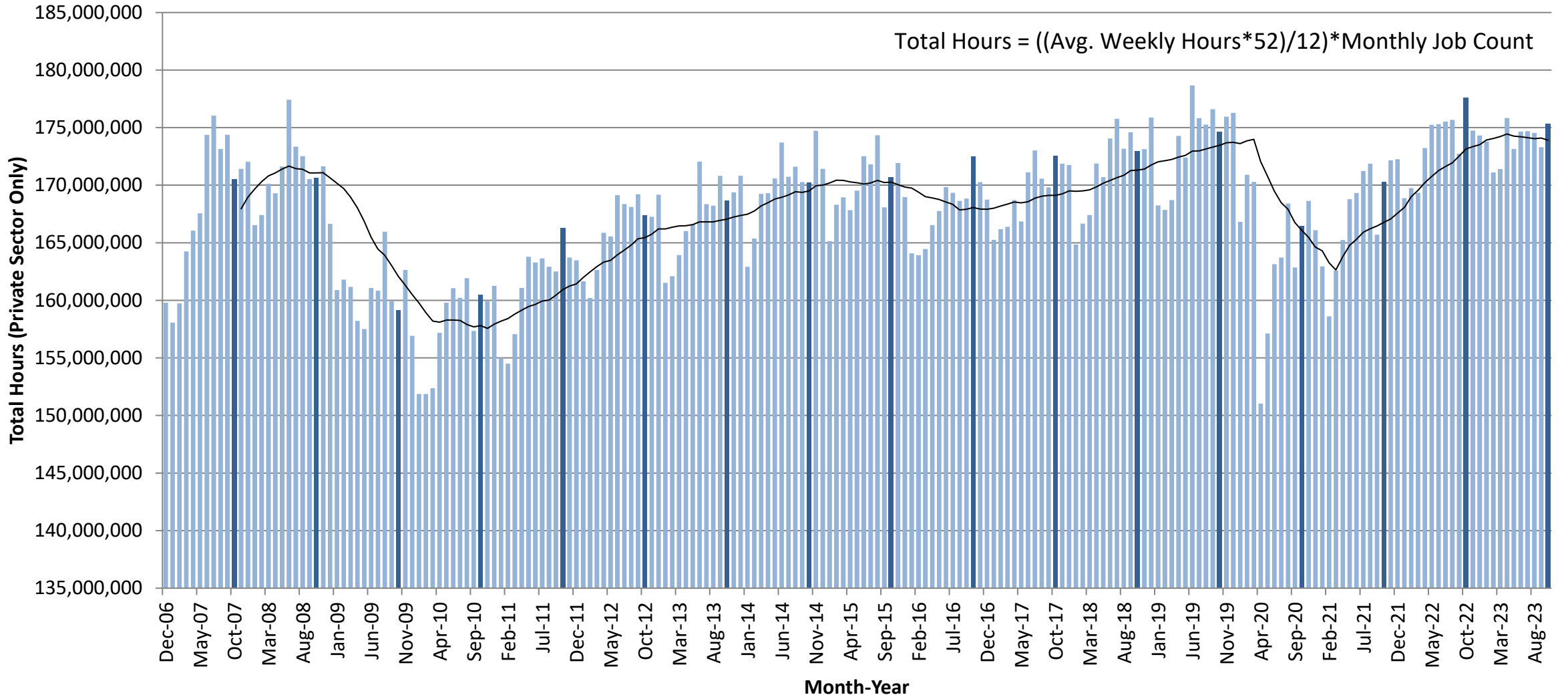
Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Employment Statistics (CES)

Seasonally Adjusted Nonfarm Jobs Kansas

	Employment Level			February to April loss		April to October recovery	
	Feb-20	Apr-20	Oct-23	Jobs lost	% lost	Jobs recovered	% recovered
Total Nonfarm	1,429,100	1,270,700	1,453,100	-158,400	-11.1%	182,400	115.2%
Total Private	1,167,800	1,019,700	1,194,400	-148,100	-12.7%	174,700	118.0%
Goods Producing	241,200	219,800	246,000	-21,400	-8.9%	26,200	122.4%
Mining and Logging	6,500	5,900	6,500	-600	-9.2%	600	100.0%
Construction	64,700	61,400	69,300	-3,300	-5.1%	7,900	239.4%
Manufacturing	170,000	152,500	170,200	-17,500	-10.3%	17,700	101.1%
Private Service Providing	926,600	799,900	948,400	-126,700	-13.7%	148,500	117.2%
Trade, Transportation, and Utilities	266,500	242,100	274,100	-24,400	-9.2%	32,000	131.1%
Information	18,200	16,500	19,000	-1,700	-9.3%	2,500	147.1%
Financial Activities	78,200	75,900	76,700	-2,300	-2.9%	800	34.8%
Professional and Business Services	175,500	160,900	184,500	-14,600	-8.3%	23,600	161.6%
Private Education and Health Services	205,200	187,800	210,200	-17,400	-8.5%	22,400	128.7%
Leisure and Hospitality	131,100	74,900	133,100	-56,200	-42.9%	58,200	103.6%
Other Services	51,900	41,800	50,800	-10,100	-19.5%	9,000	89.1%
Government	261,300	251,000	258,700	-10,300	-3.9%	7,700	74.8%
Federal Government	25,700	25,900	26,800	200	0.8%	900	450.0%
State Government	52,400	51,700	50,300	-700	-1.3%	-1,400	N/A
Local Government	183,200	173,400	181,600	-9,800	-5.3%	8,200	83.7%

Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Employment Statistics (CES)

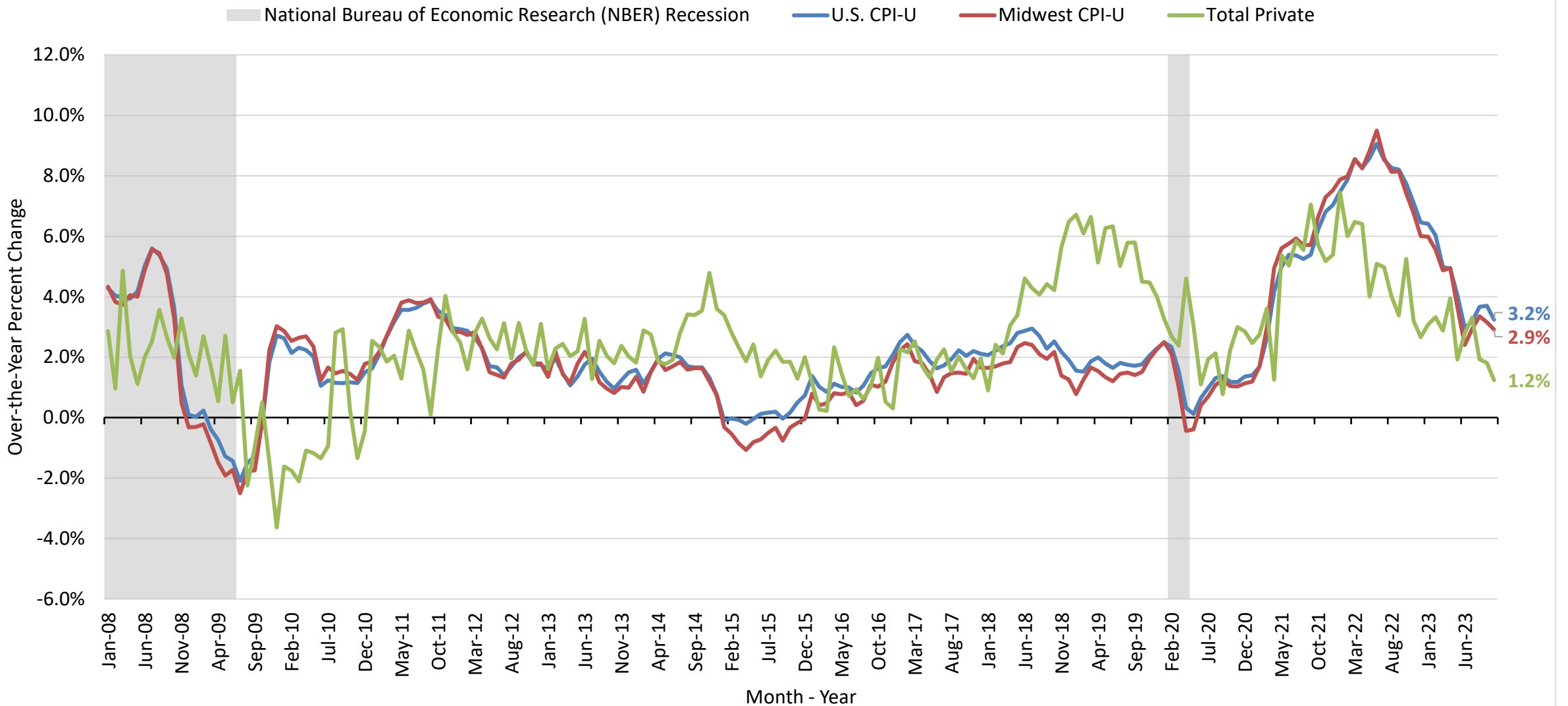
Total Hours Worked (private sector) Kansas December 2006 to October 2023



Note: Trend line is a 12 month moving average

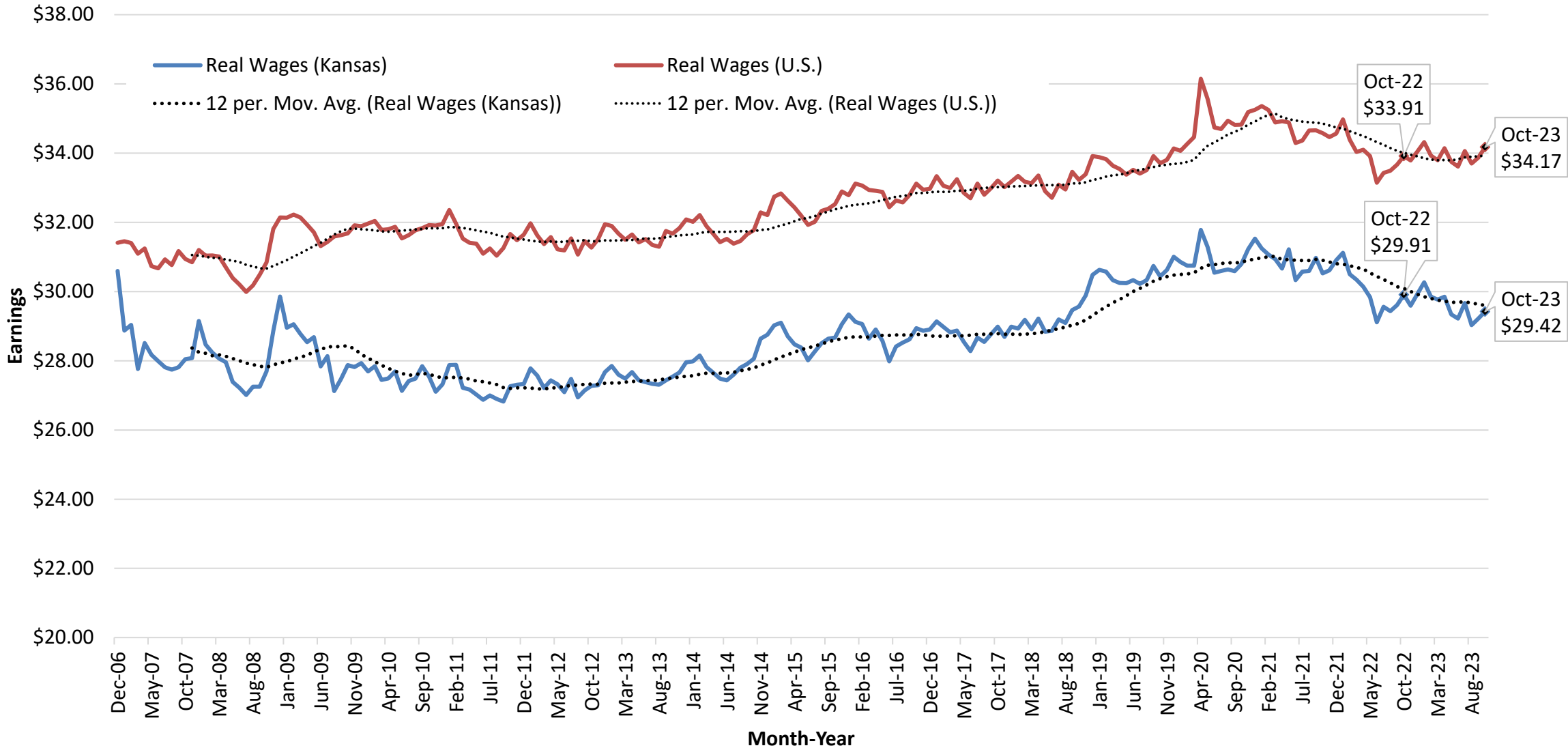
Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Employment Statistics (CES)

Over-the-Year Percent Change in Inflation and Nominal Average Hourly Earnings Kansas January 2008 - October 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Employment Statistics (CES), Consumer Price Index (CPI)

Real Hourly Earnings (private sector) Kansas and U.S. December 2006 to October 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Employment Statistics (CES)

Local Area Unemployment Statistics (LAUS) Program

Household Survey Data

LAUS FAQs: <https://www.bls.gov/lau/laufaq.htm>



Civilian Noninstitutional Population 16+

Excludes people <16 years, institutionalized, and active duty military

Labor Force

Sum of employed and unemployed

Not in the Labor Force

Examples:

- Retirees not working
- Students not working
- Disabled persons who cannot work
- Persons not working and discouraged from seeking work
- Volunteers working for religious/charitable organizations

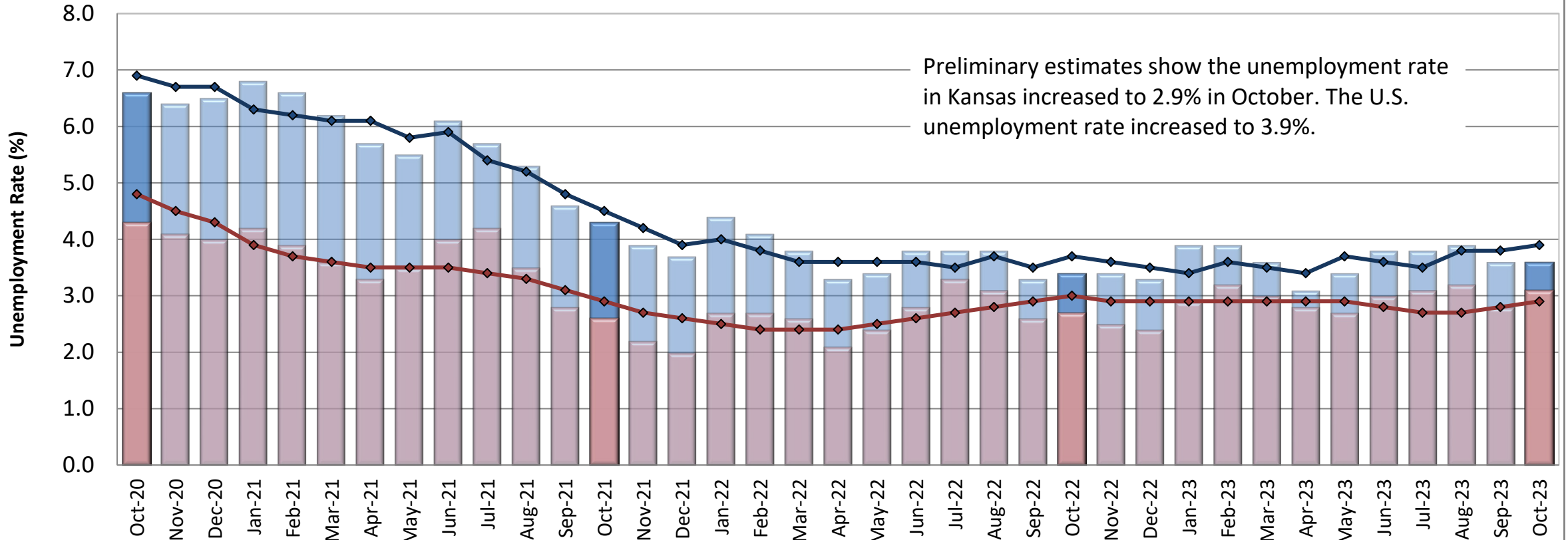
Employed

- Worked at all as a paid employee
- Worked 15 hours or more as an unpaid worker in a family business
- Had a job or business from which they were temporarily absent
- Self employed

Unemployed

- Did not meet criteria for employed
- Made specific efforts to find employment during 4 week period ending in the reference week
- Waiting to be recalled to a job they are temporarily laid off from
- Were available for work

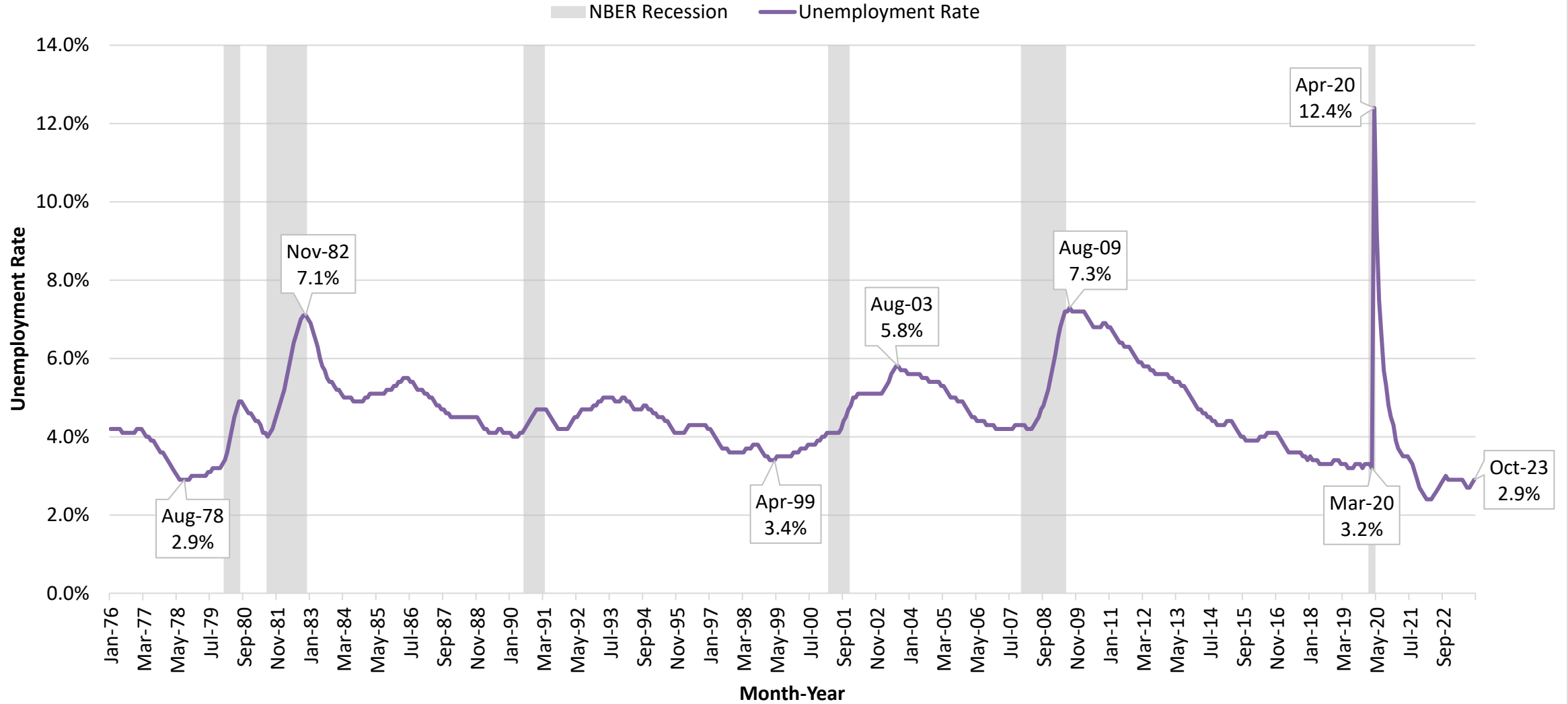
Unemployment Rate Kansas and U.S. October 2020 - October 2023



	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23		
U.S.	6.6	6.4	6.5	6.8	6.6	6.2	5.7	5.5	6.1	5.7	5.3	4.6	4.3	3.9	3.7	4.4	4.1	3.8	3.3	3.4	3.8	3.8	3.8	3.3	3.4	3.4	3.3	3.9	3.9	3.6	3.1	3.4	3.8	3.8	3.9	3.6	3.6		
Kansas	4.3	4.1	4.0	4.2	3.9	3.6	3.3	3.5	4.0	4.2	3.5	2.8	2.6	2.2	2.0	2.7	2.7	2.6	2.1	2.4	2.8	3.3	3.1	2.6	2.7	2.5	2.4	2.9	3.2	3.0	2.8	2.7	3.0	3.1	3.2	2.8	3.1	3.1	
U.S. SA	6.9	6.7	6.7	6.3	6.2	6.1	6.1	5.8	5.9	5.4	5.2	4.8	4.5	4.2	3.9	4.0	3.8	3.6	3.6	3.6	3.6	3.5	3.7	3.5	3.7	3.6	3.5	3.4	3.6	3.5	3.4	3.7	3.6	3.5	3.8	3.8	3.8	3.9	3.9
Kansas SA	4.8	4.5	4.3	3.9	3.7	3.6	3.5	3.5	3.5	3.4	3.3	3.1	2.9	2.7	2.6	2.5	2.4	2.4	2.4	2.5	2.6	2.7	2.8	2.9	3.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.8	2.8	2.9	2.9

Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Local Area Unemployment Statistics (LAUS)

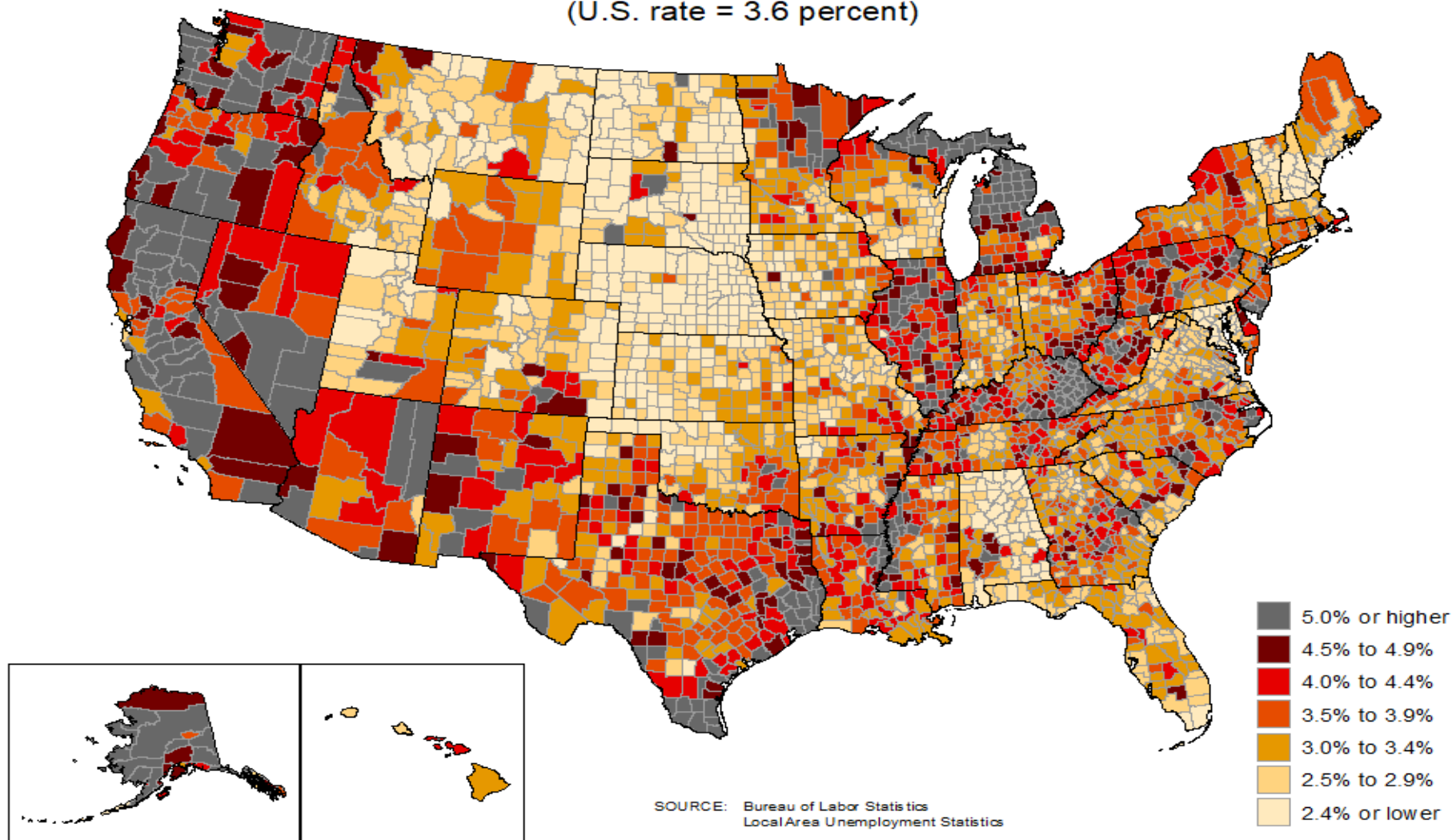
Unemployment Rate Kansas January 1976 to October 2023



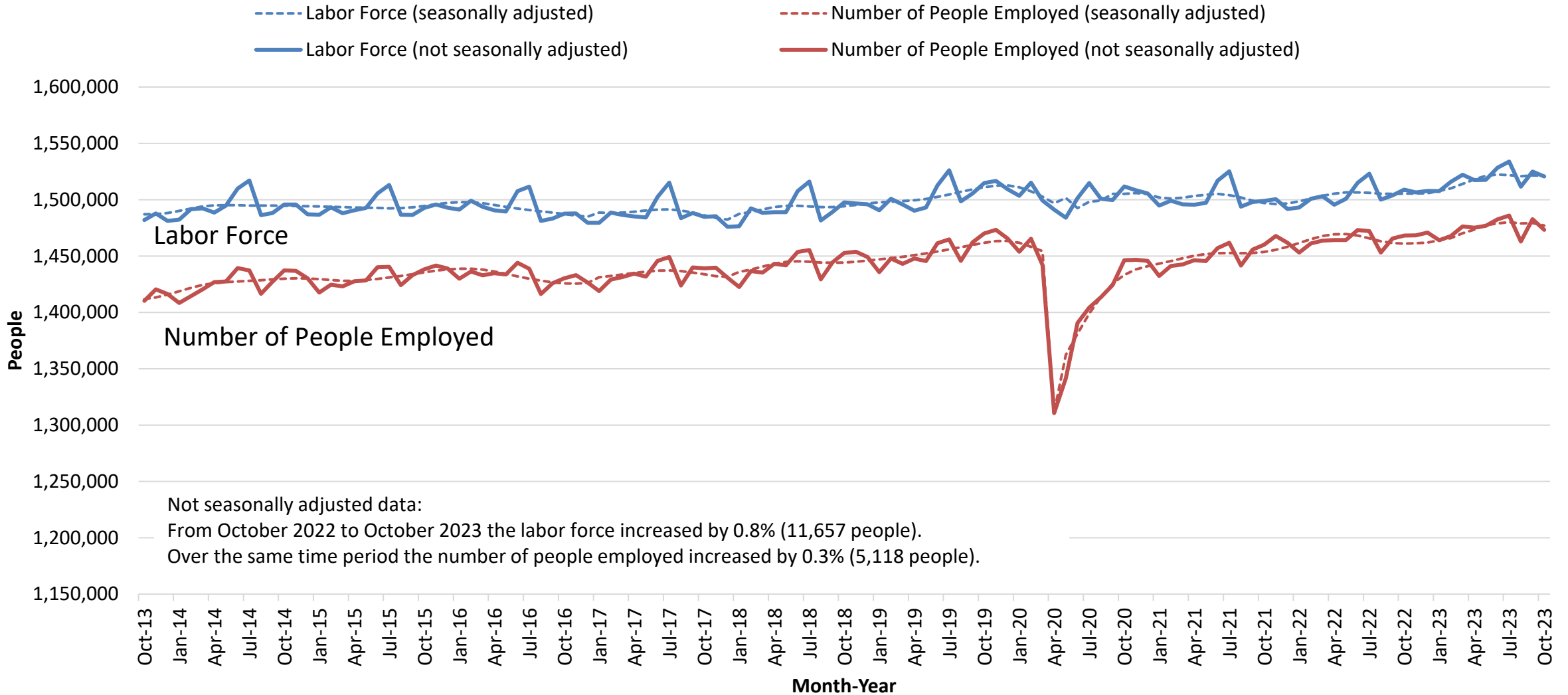
Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Local Area Unemployment Statistics (LAUS)

Unemployment rates by county, November 2022-October 2023 averages

(U.S. rate = 3.6 percent)

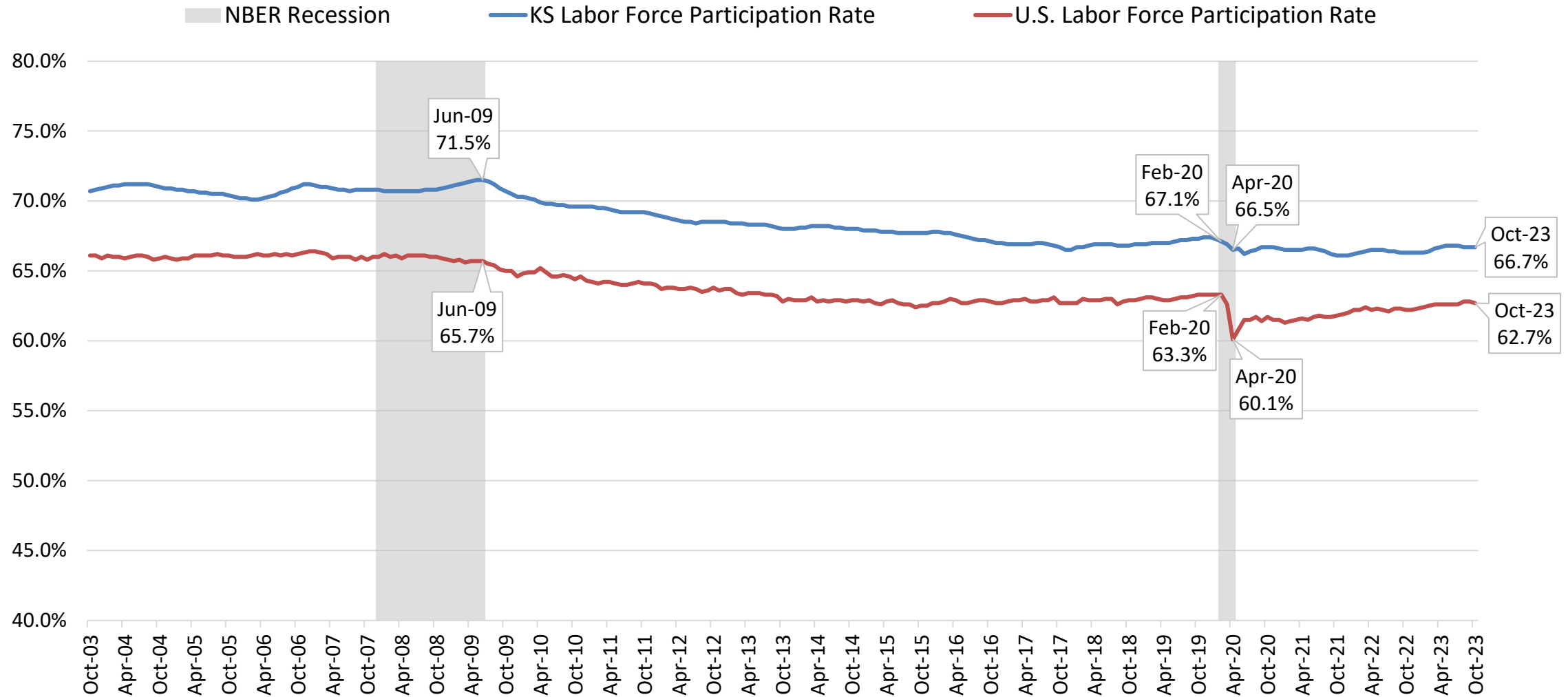


Labor Force and Employment Kansas October 2013 to October 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Local Area Unemployment Statistics (LAUS)

Labor Force Participation Rate Kansas and U.S. October 2003 to October 2023



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Local Area Unemployment Statistics (LAUS)

Current Population Survey (CPS)

The Current Population Survey (CPS) is a monthly survey of U.S. households conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. The CPS provides a wide range of information about the labor force.

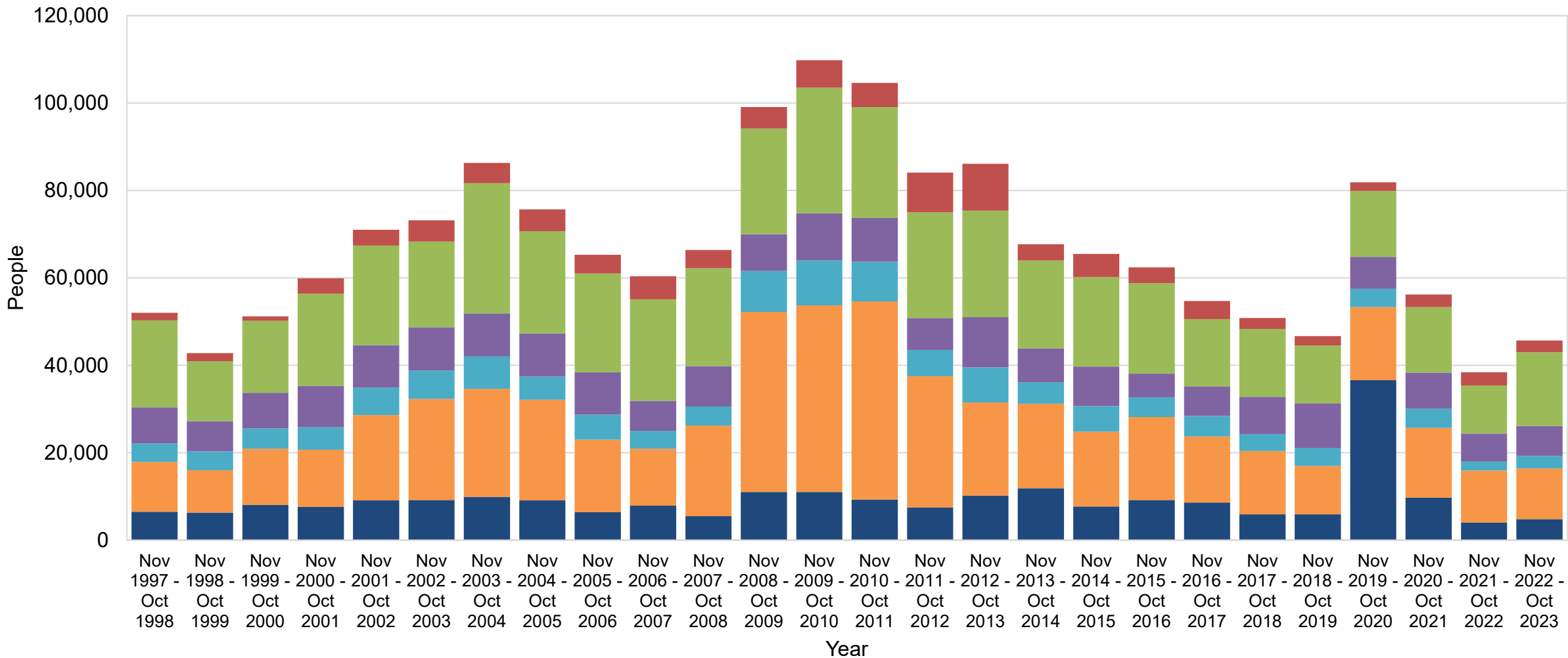
- CPS data is the source for the official U.S. unemployment rate and the primary input for the model-based state LAUS estimates.
 - The LAUS model helps reduce volatility in the monthly state-level CPS estimates, but the program only produces total labor force estimates (no demographic detail)
- The following charts are based on CPS data for Kansas
 - The charts use a 12-month average to increase the reliability for state-level estimates and eliminate seasonality

Additional information about the limitations of state level CPS estimates:

<https://www.bls.gov/lau/notescps.htm>

Unemployment Reason Age 16+ Kansas November 1997 - October 2023

■ Job loser, layoff
 ■ Job loser, other
 ■ Temporary job ended
 ■ Job leaver
 ■ Reentrant
 ■ New entrant



Source: Kansas Department of Labor, Labor Market Information Services and the Bureau of Labor Statistics; Current Population Survey (CPS)