

Wichita Economic Forum

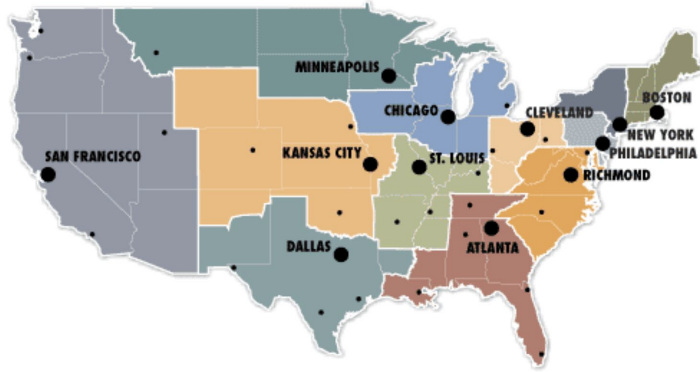
July 14, 2026

Jeremy Hill

Assistant Vice President, Regional Executive

The views herein are those of the presenter and do not necessarily reflect those of the Federal Reserve Bank of Kansas City or the Federal Reserve System

Structure & Functions of the Federal Reserve



3 primary entities:

Board of Governors

- 7 members appointed by U.S. President

Federal Reserve Banks

- 12 total; semi-independent

Federal Open Market Committee

- 19 members; 12 voting

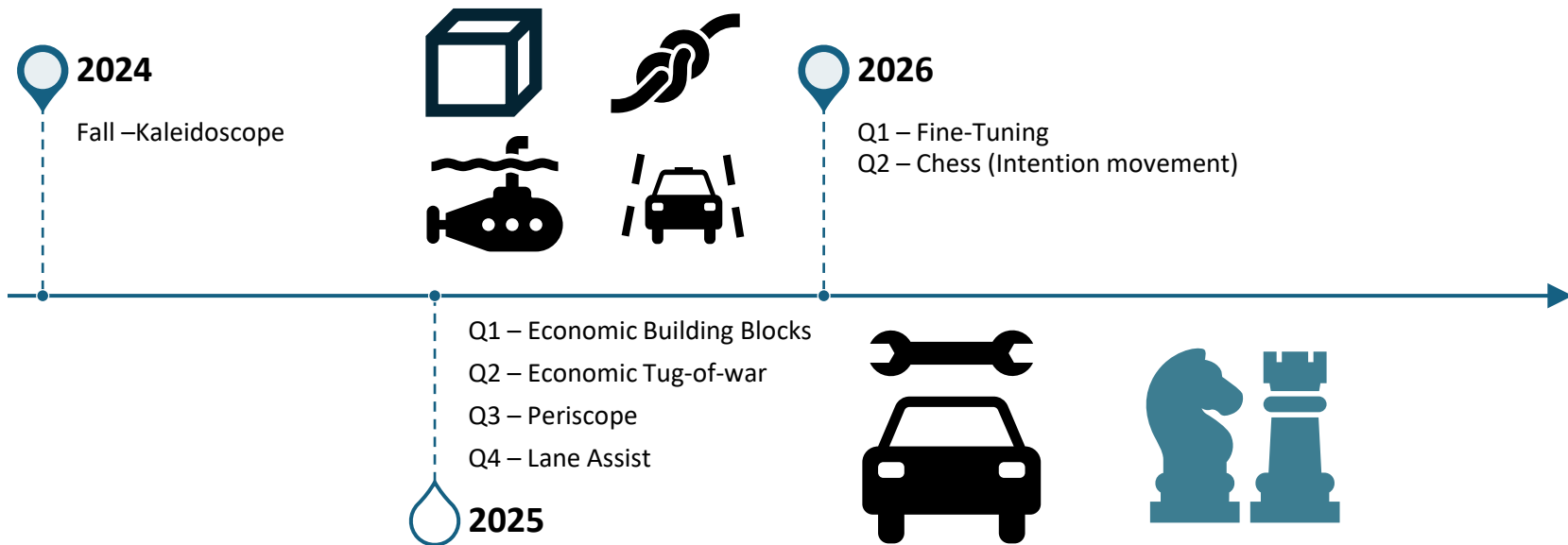
3 primary responsibilities

Monetary policy

Bank
supervision &
regulation

Payment
system safety
& efficiency

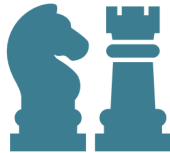
Economic progression of themes



Chess – Intentional movement/ Risk aware

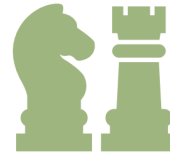
Labor Market

Exploring labor market trends, hiring, challenges, and workforce confidence.



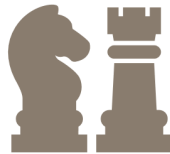
Inflation

Breaking down cost pressures, inflation expectations, and business responses.



Manufacturing

Examining whether strong production data signals sustained growth or temporary resilience.

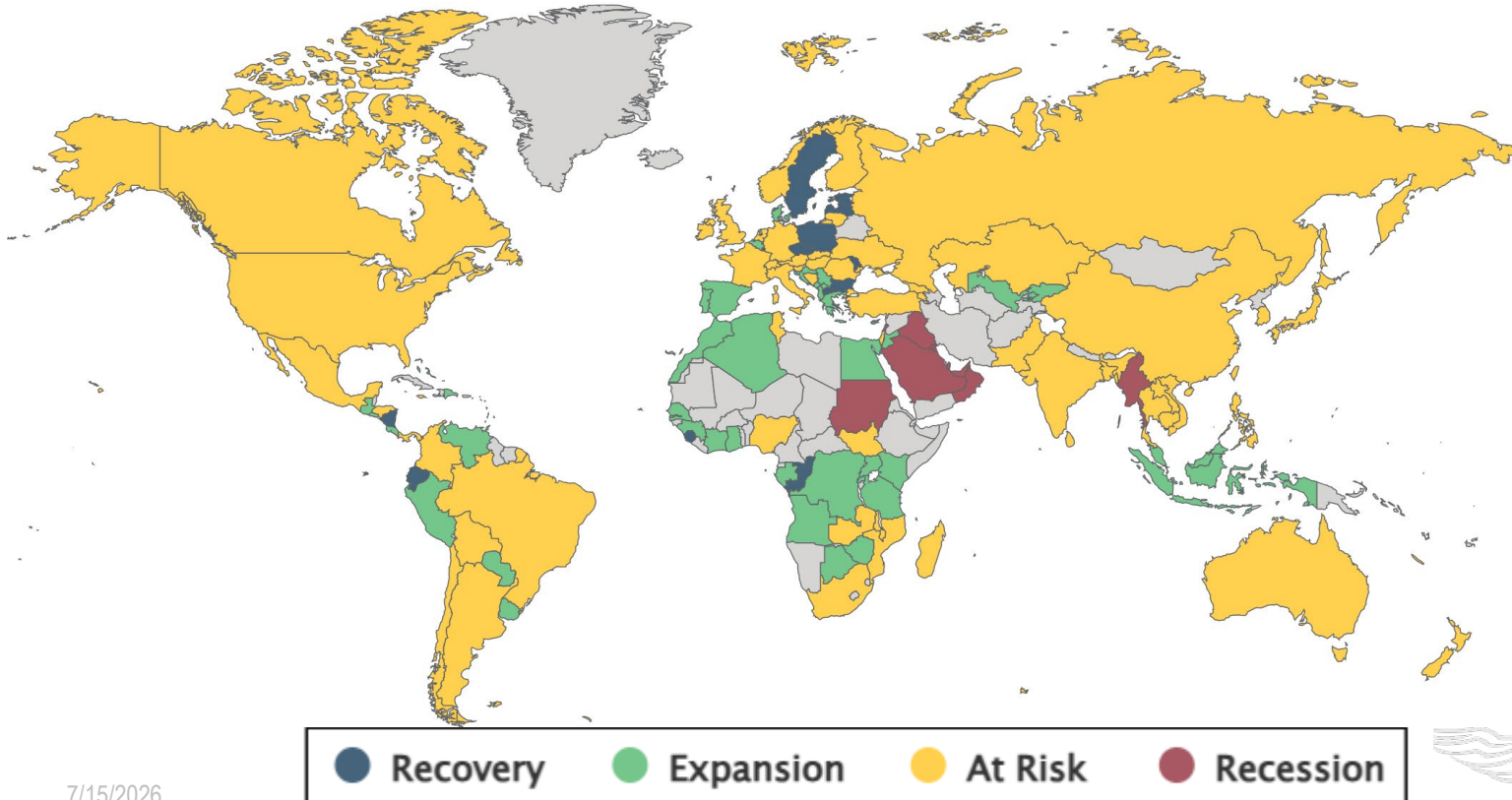


Services

Analyzing the strength of the service sector amid shifting consumer and business confidence



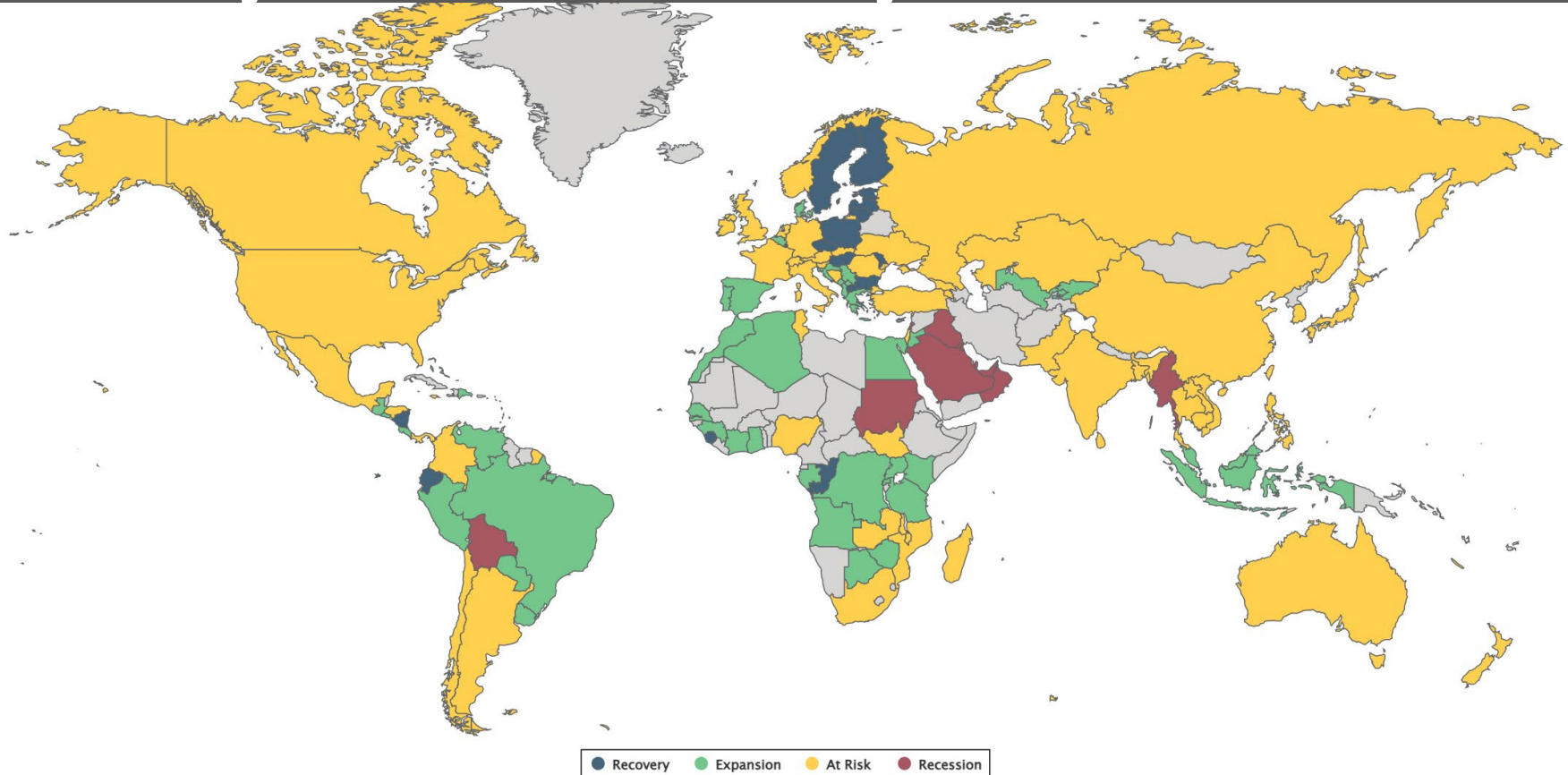
Moody's – Business Cycle - May



7/15/2026

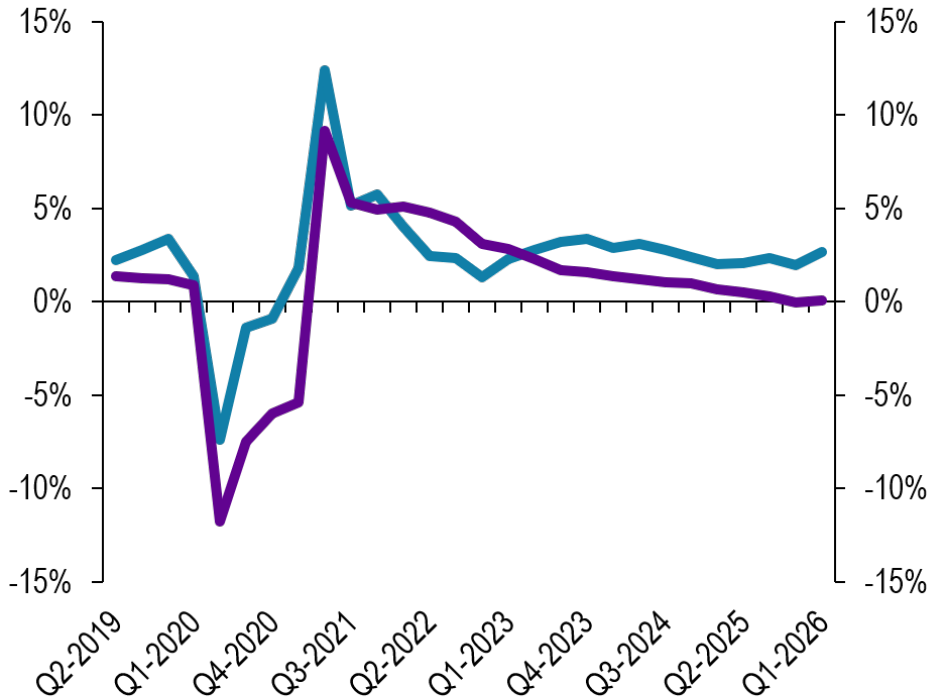


Moody's – Business Cycle - June

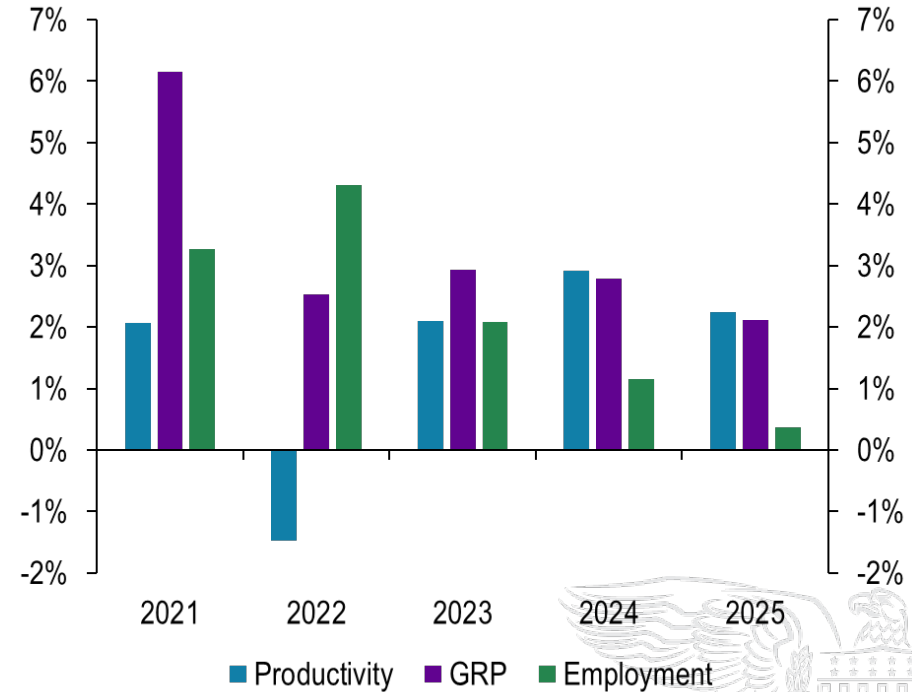


GDP is growing- where is it coming from

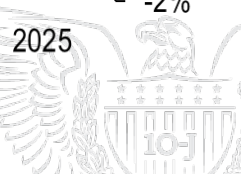
y/y % chg



y/y % chg

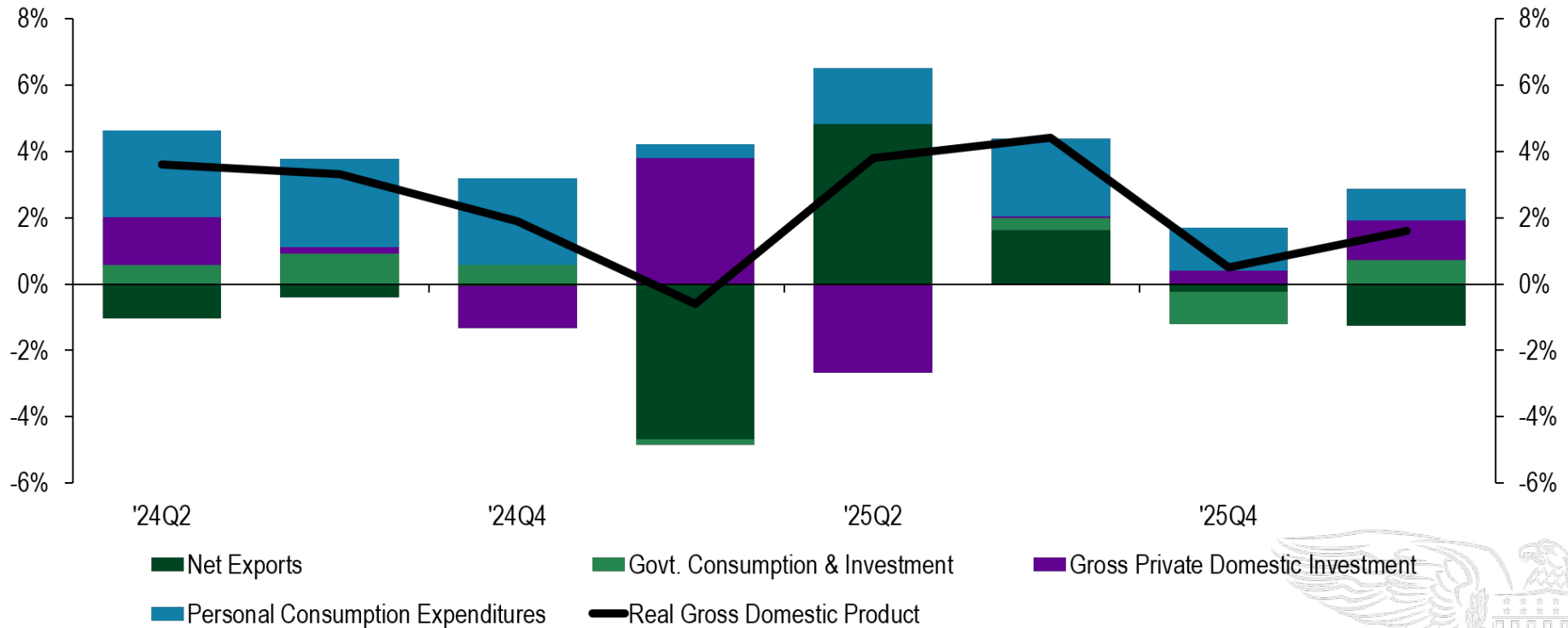


■ Productivity ■ GRP ■ Employment



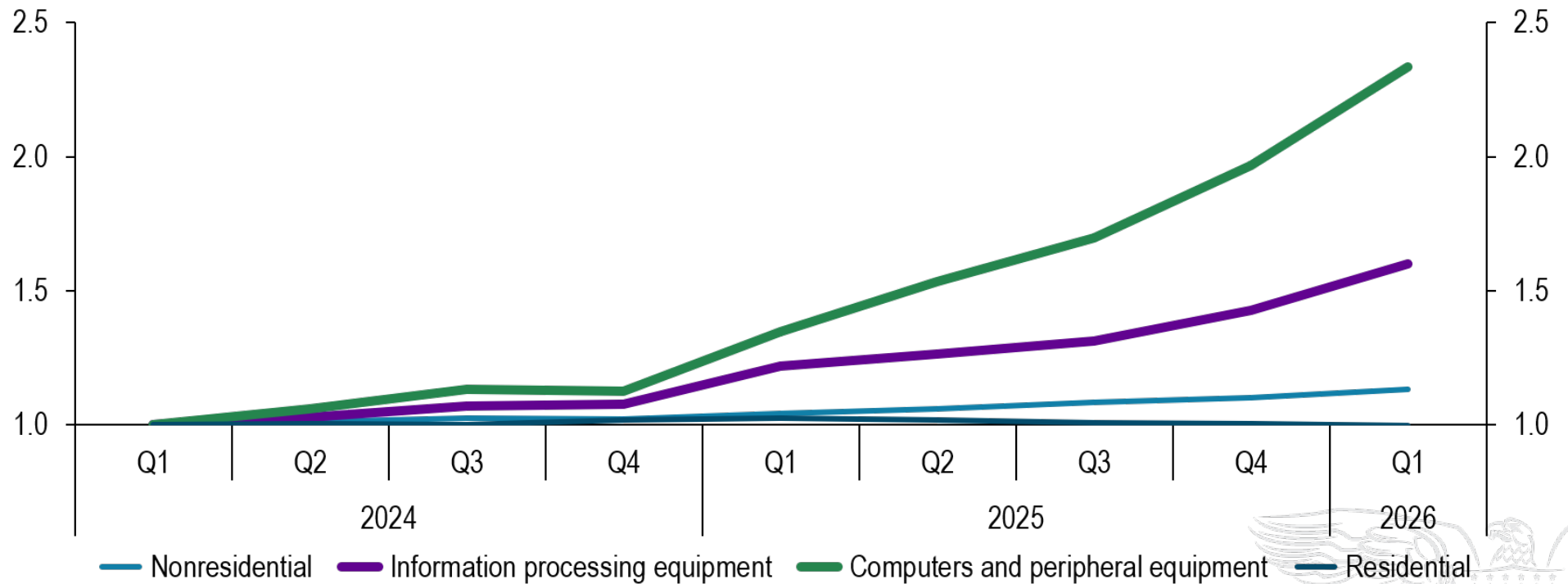
GDP is growing- where is it coming from

Contributions to Percent Change



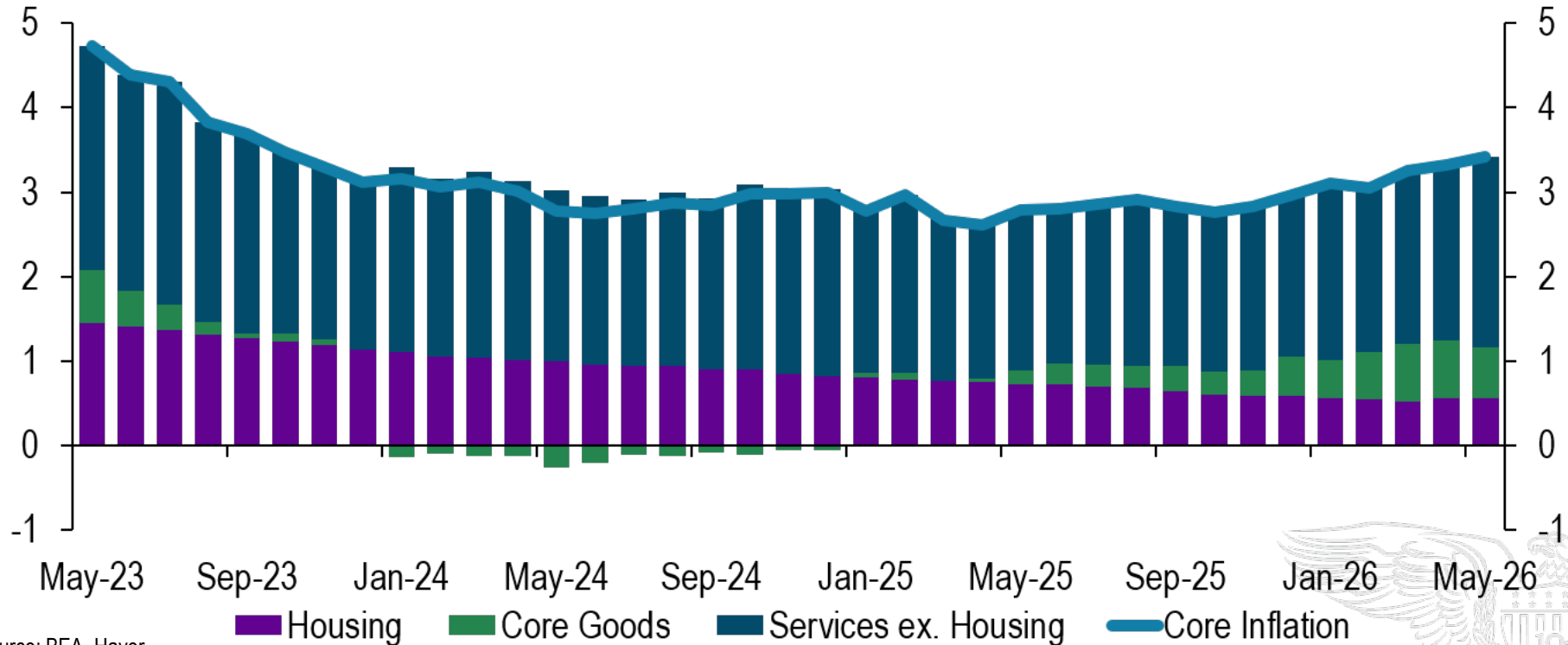
Investment has been concentrated

Indexed (2024Q1) Private Fixed Investment



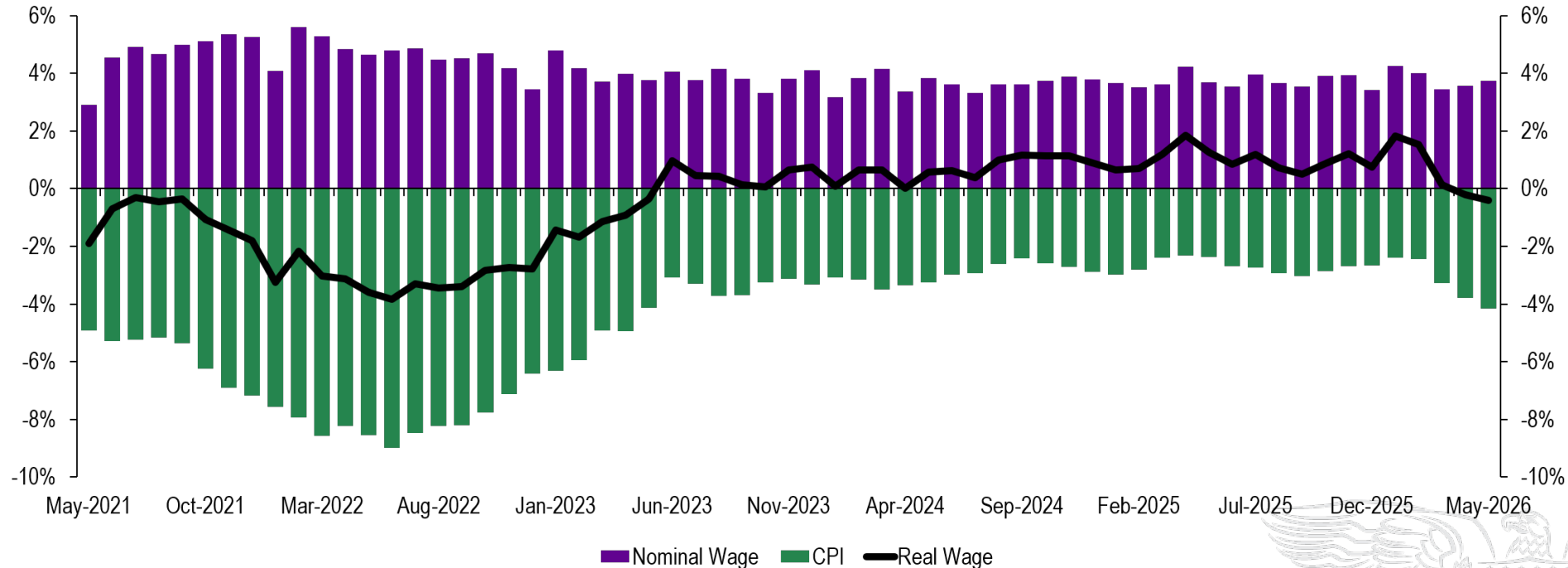
Goods inflation continues to creep in

Year/Year % Change



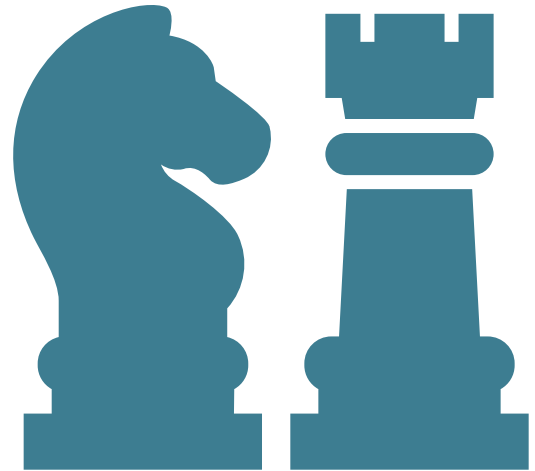
Inflation outpaced wage growth in April and May

Year over Year % Change

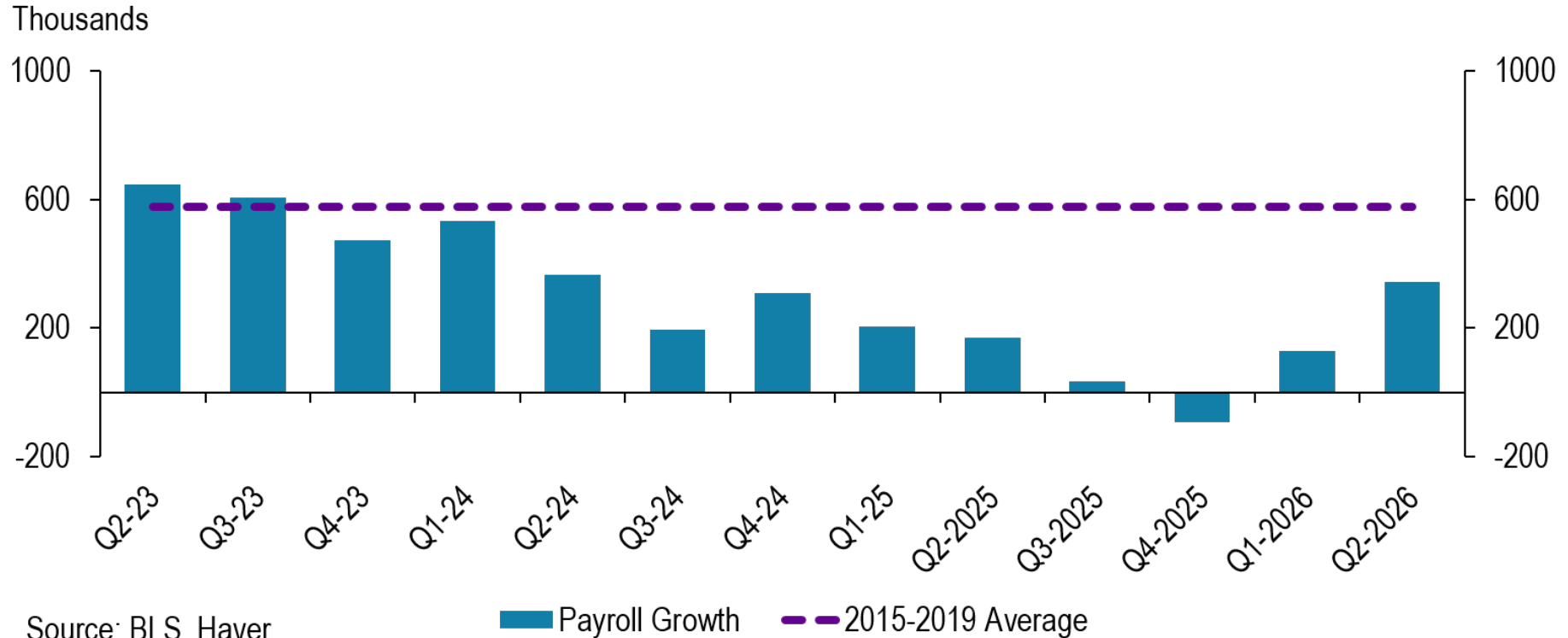


Labor Market

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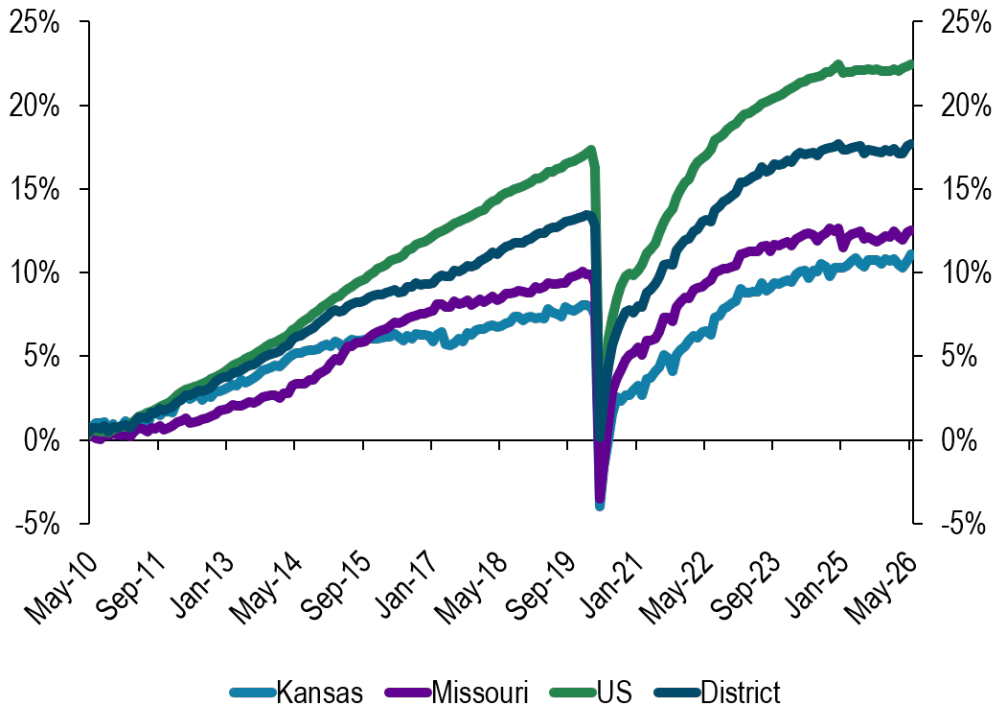


Labor is still cooling

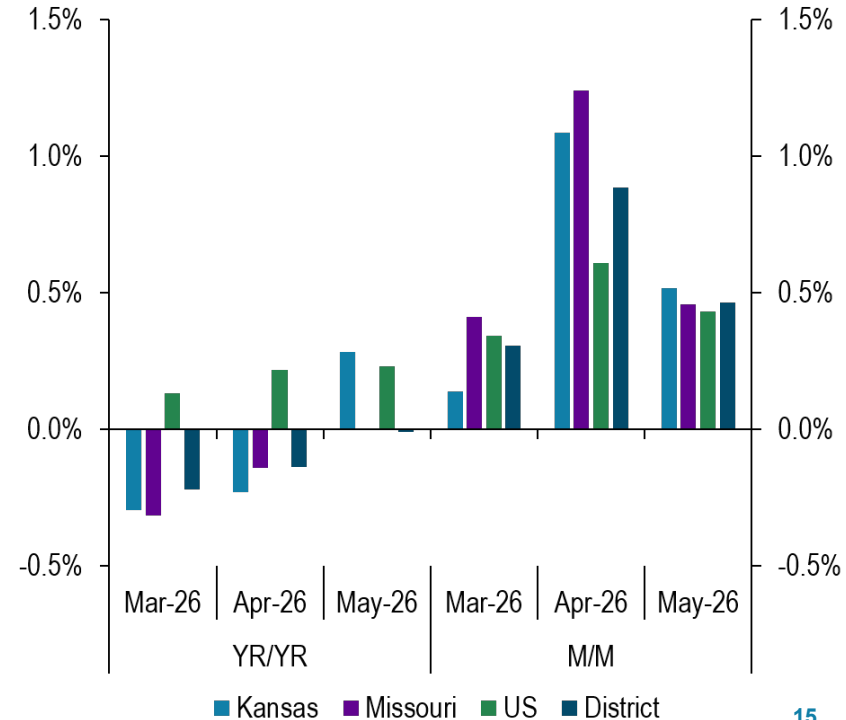


KS and MO are similar to US changes

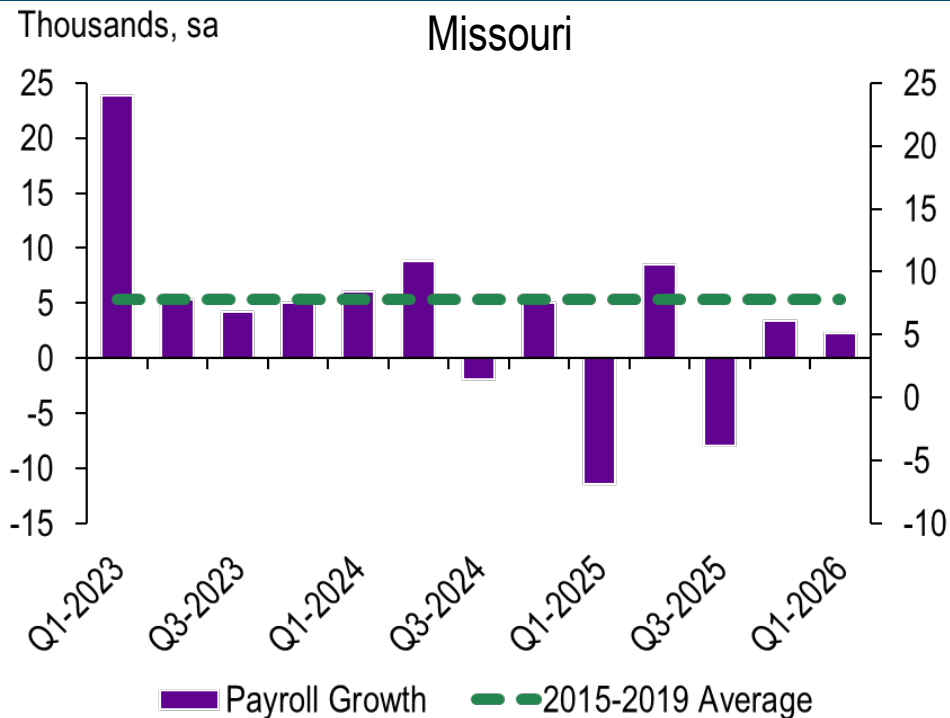
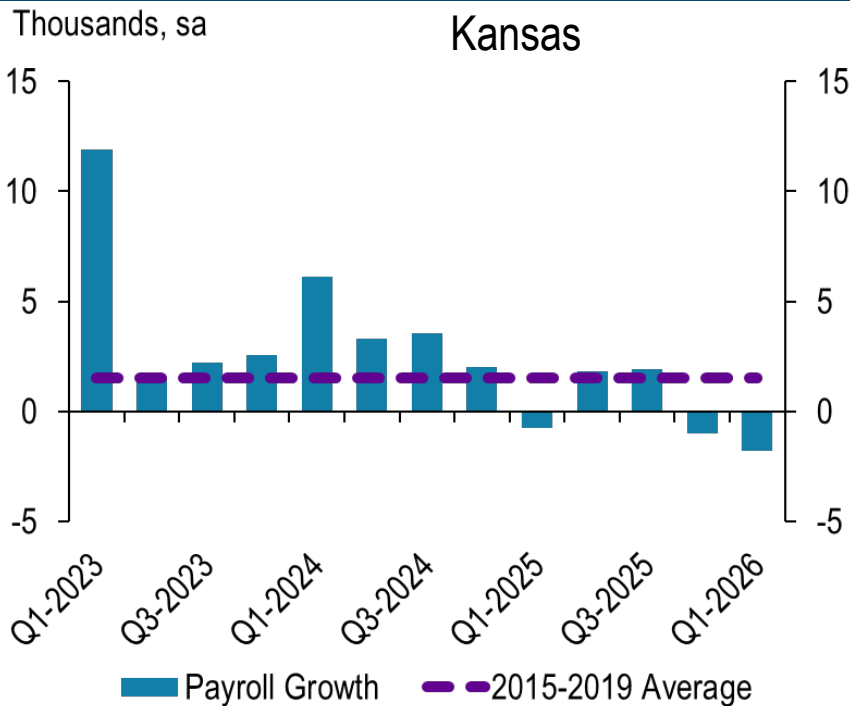
Employment Indexed to January 2010



Percent Change in Employment

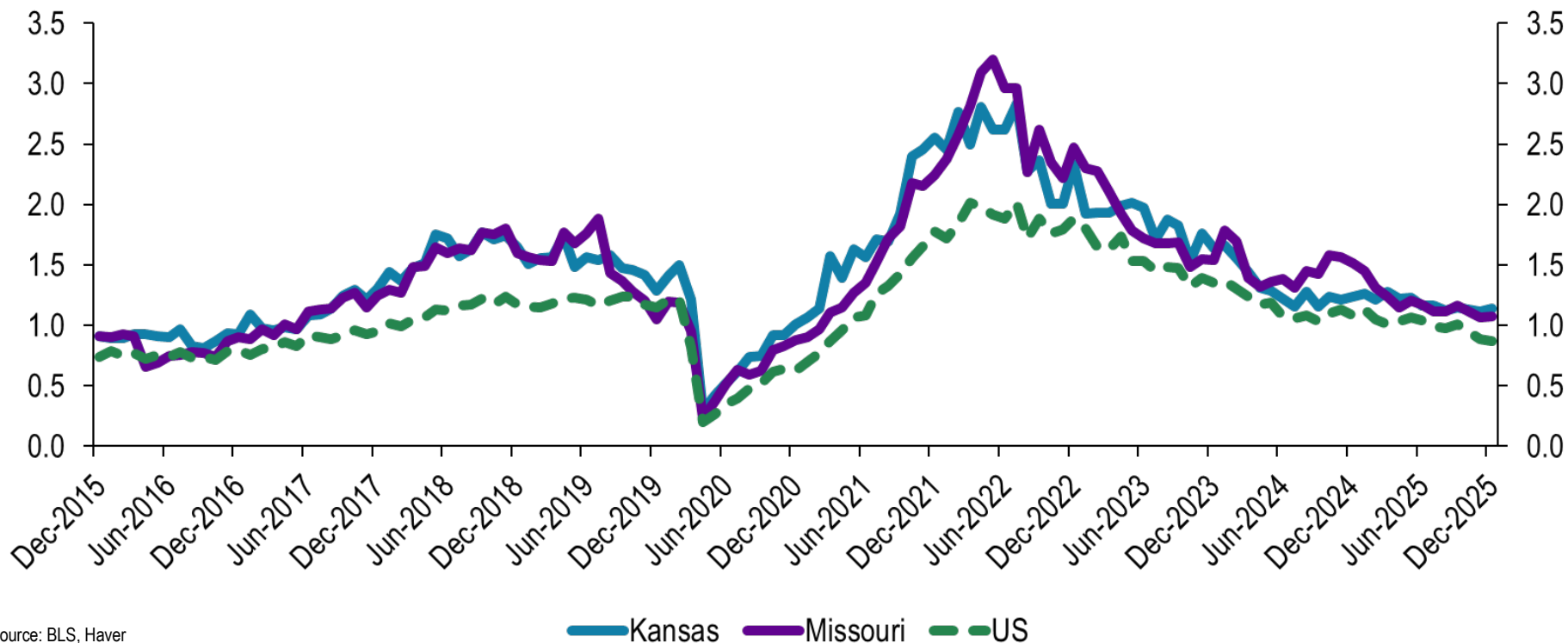


KS is not far from previous tight labor conditions



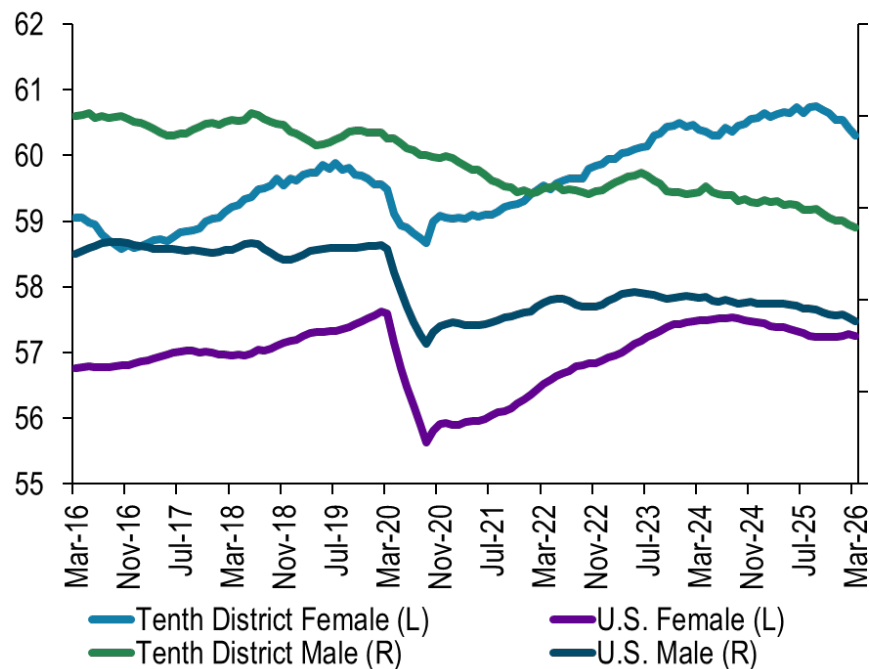
The labor market is balanced

Job Openings to Unemployment Ratio

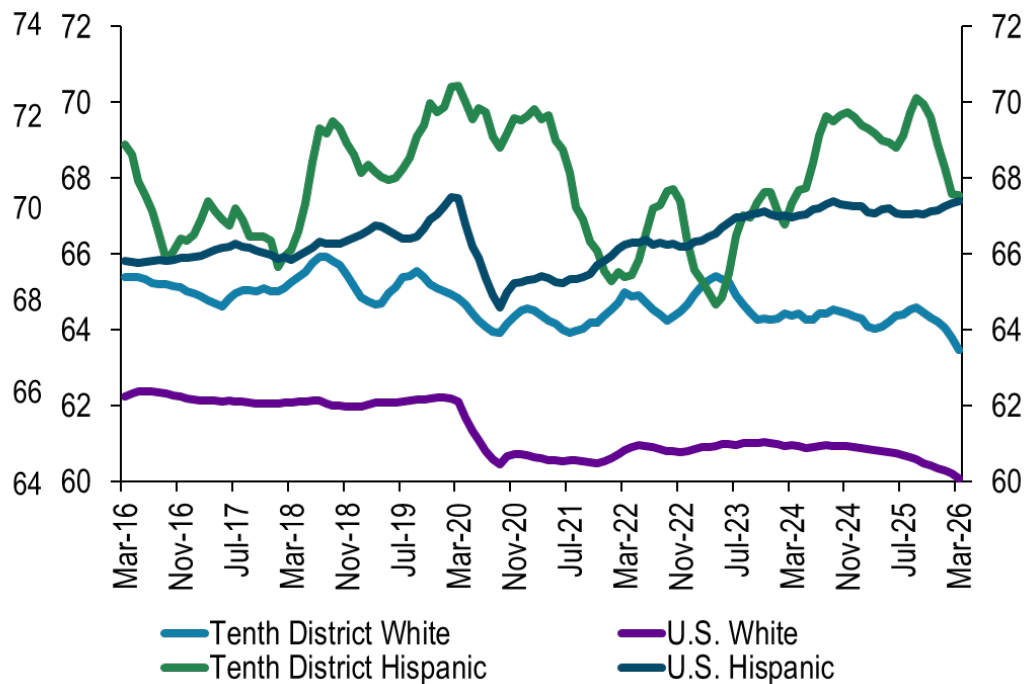


Labor Force Participation

Labor Force Participation Rate 6mma

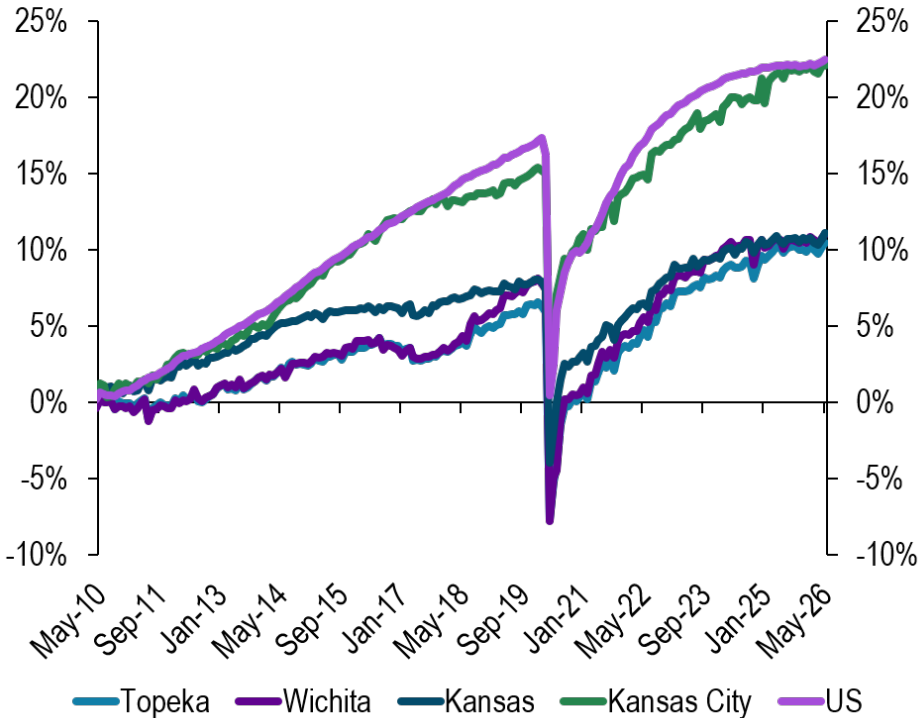


Labor Force Participation Rate 6mma

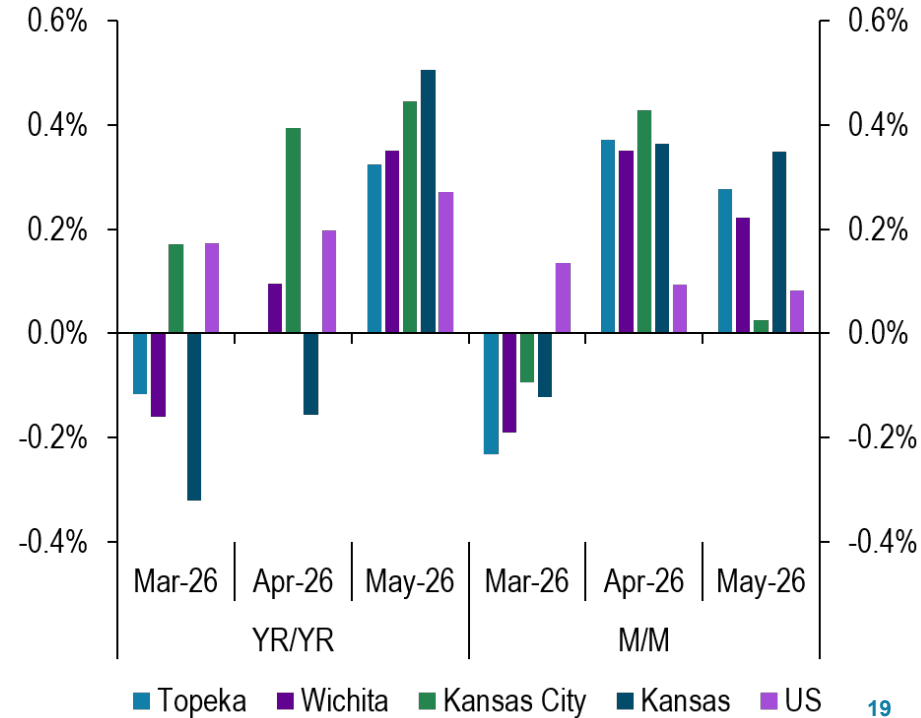


KS – All metros are slowing down

Employment Indexed to Jan 2010

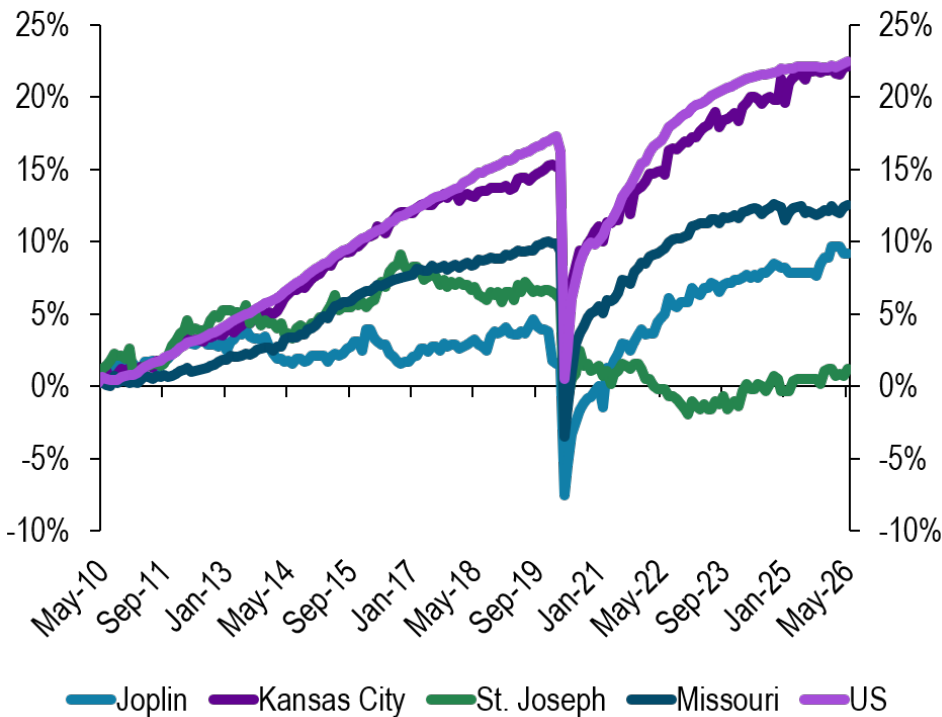


Percent Change in Employment



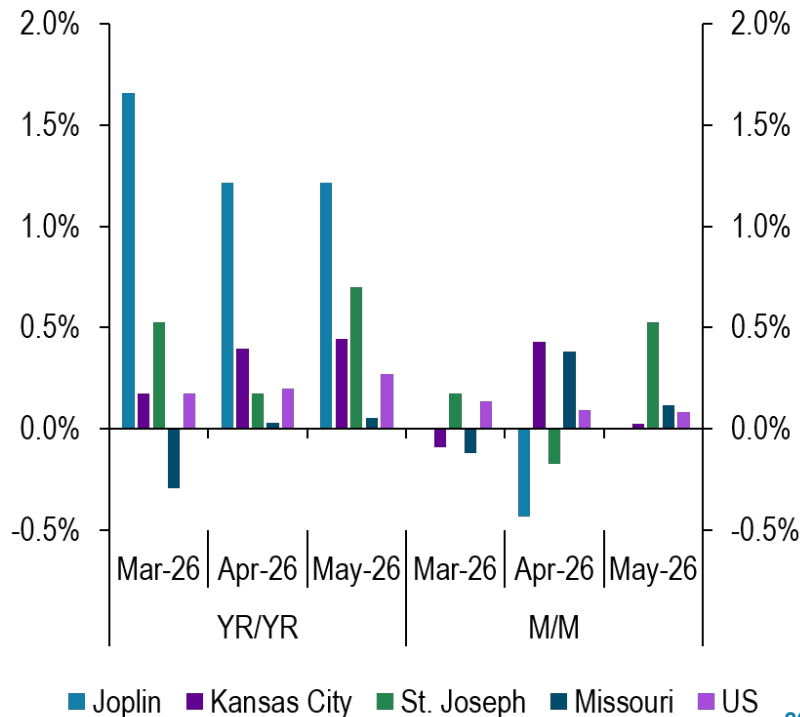
MO – Joplin has grown faster than the other metros

Employment Indexed to Jan 2010

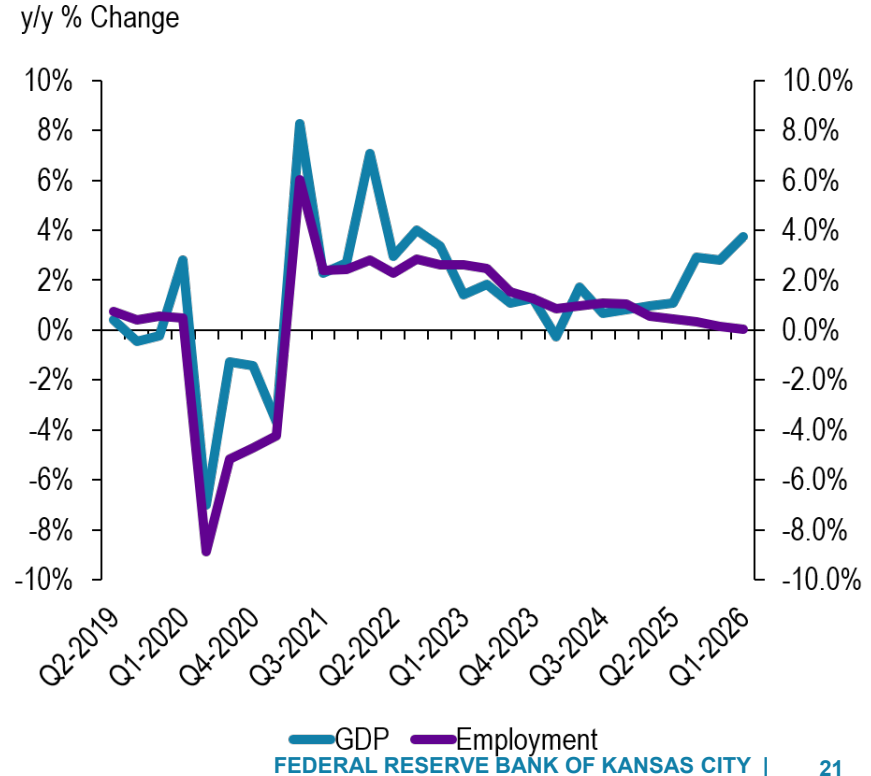
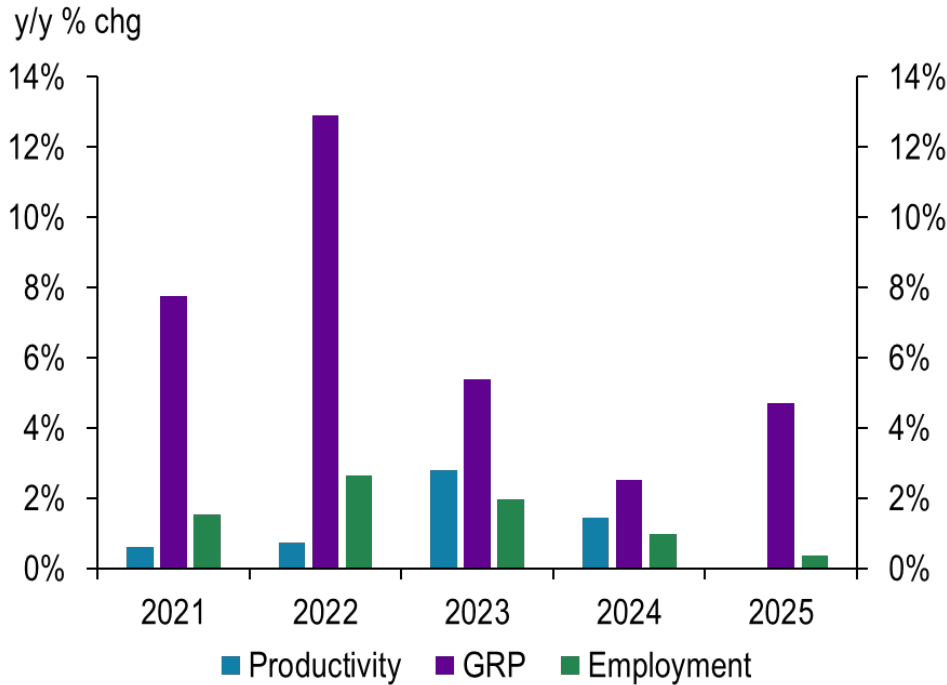


Source: BLS

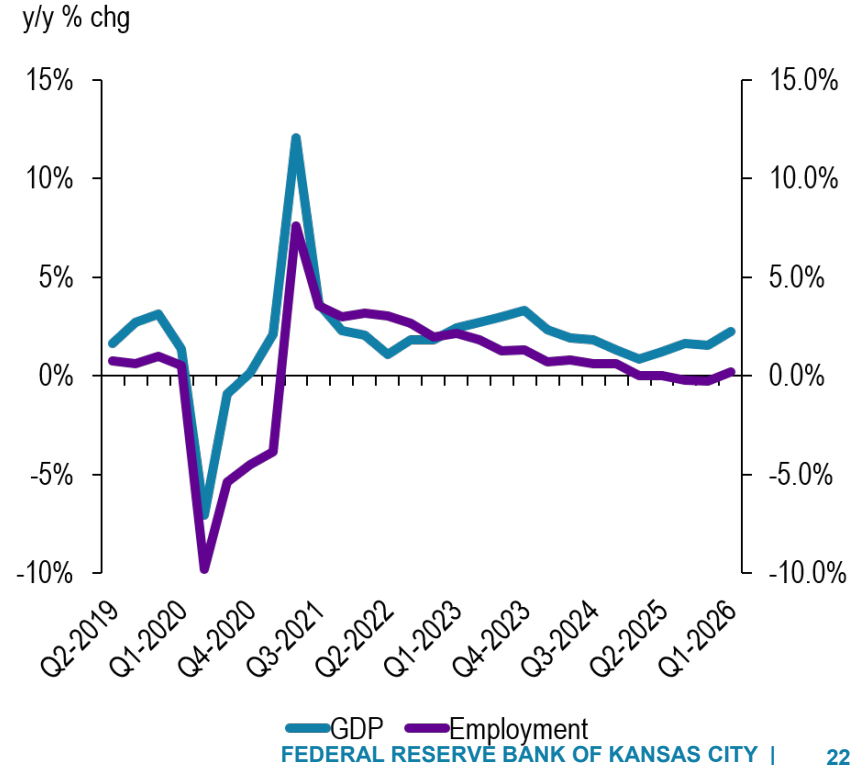
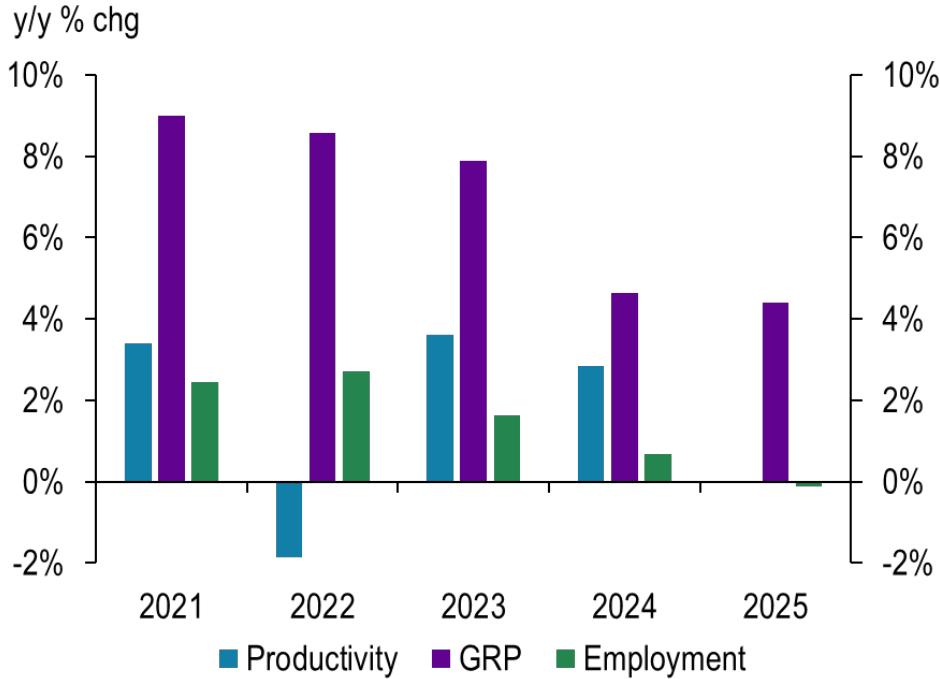
Percent Change in Employment



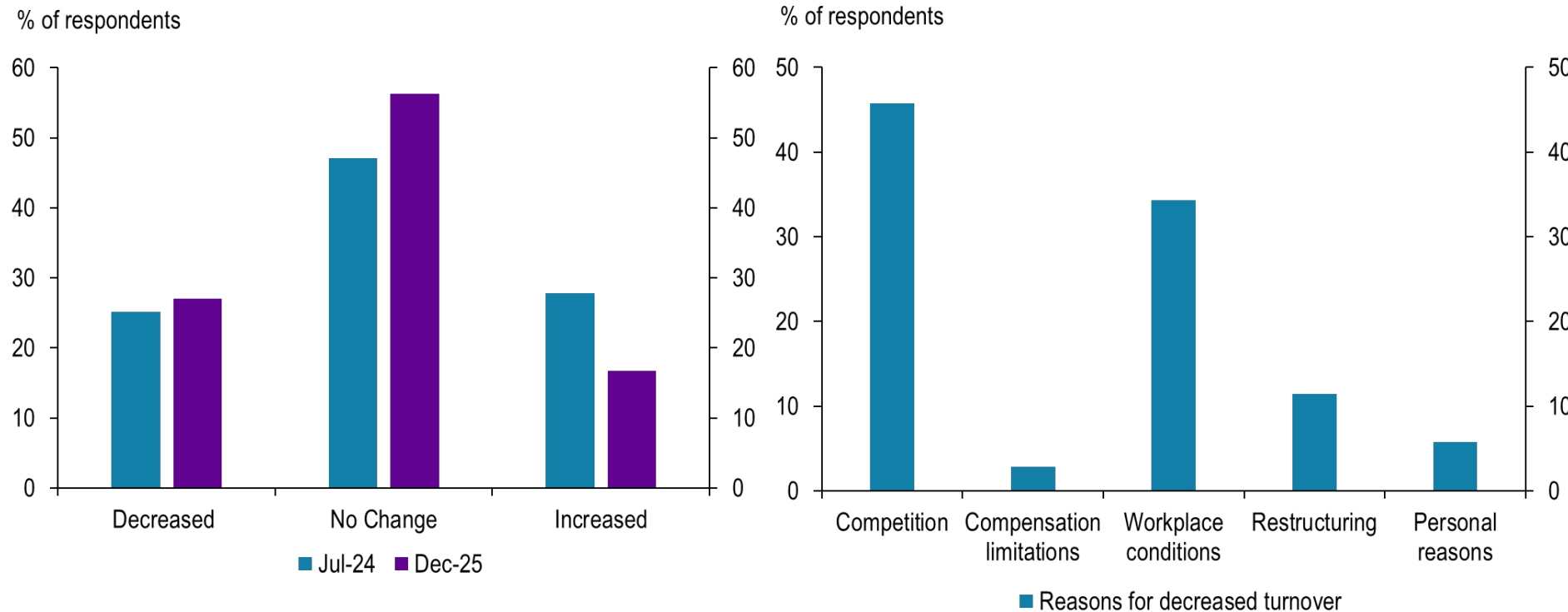
Kansas Productivity



Missouri Productivity



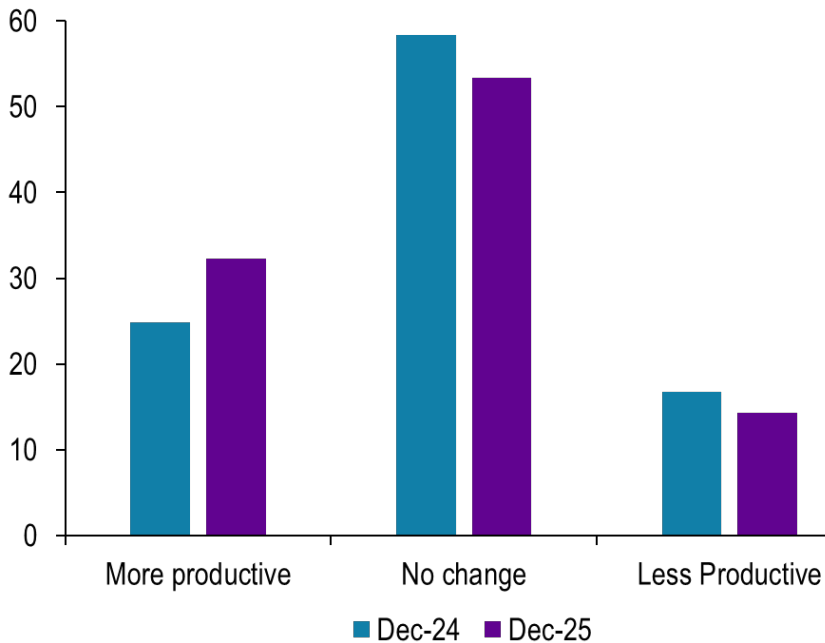
Survey- Labor turnover over the past year



Source: KCFED Manufacturing and Services Survey (DEC)

Survey- Productivity over the past year

% of respondents

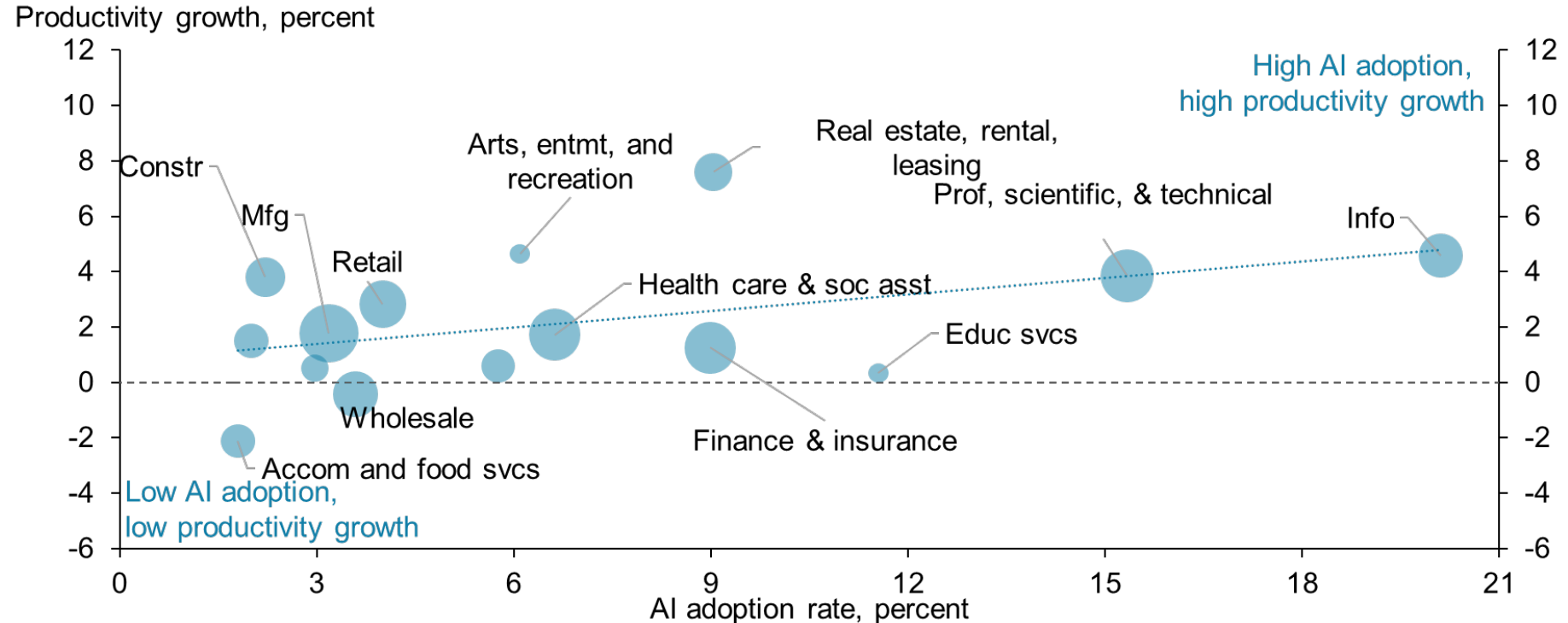


% of respondents



Source: KCFED Manufacturing and Services Survey (DEC)

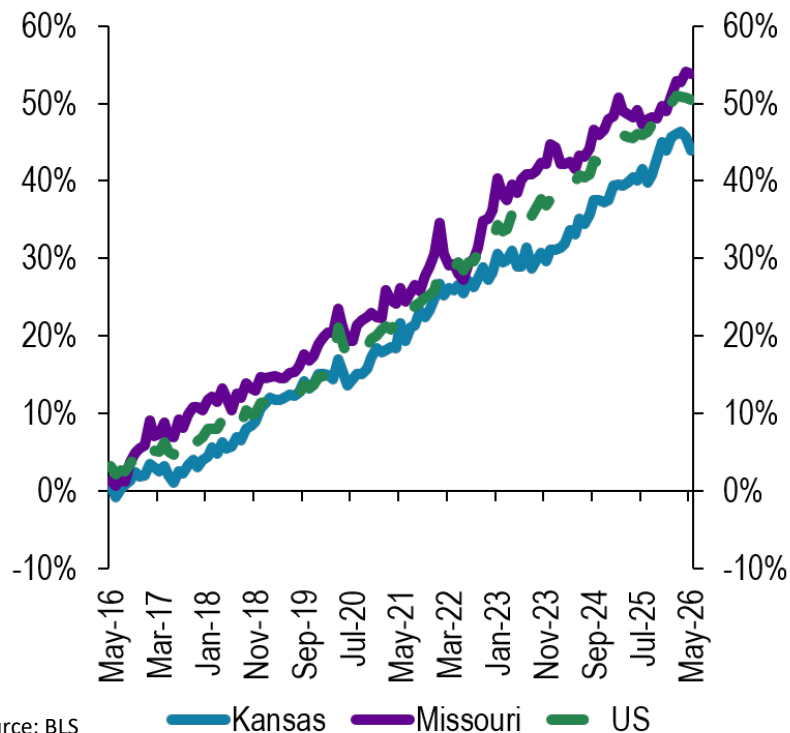
AI is only part of the productivity story



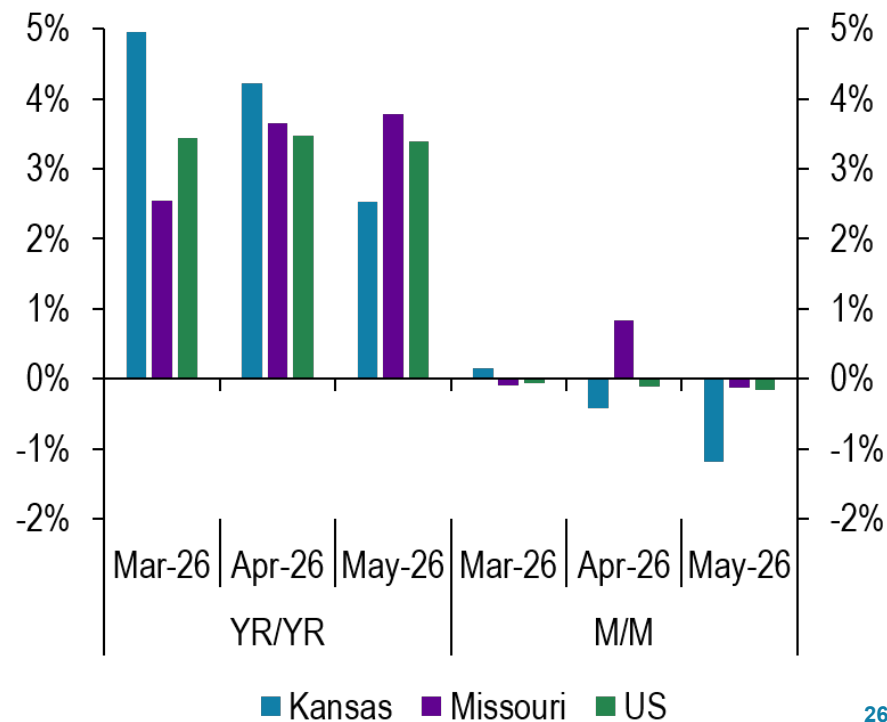
Sources: Nida Cakir-Melek and Sydney Miller, [A New U.S. Productivity Chapter? What Industry Data Say About AI](#), Federal Reserve Bank of Kansas City Economic Bulletin, February 11, 2026

KS nominal wages are starting to catch up to the US

Average Hourly Wage Indexed Jan 2015

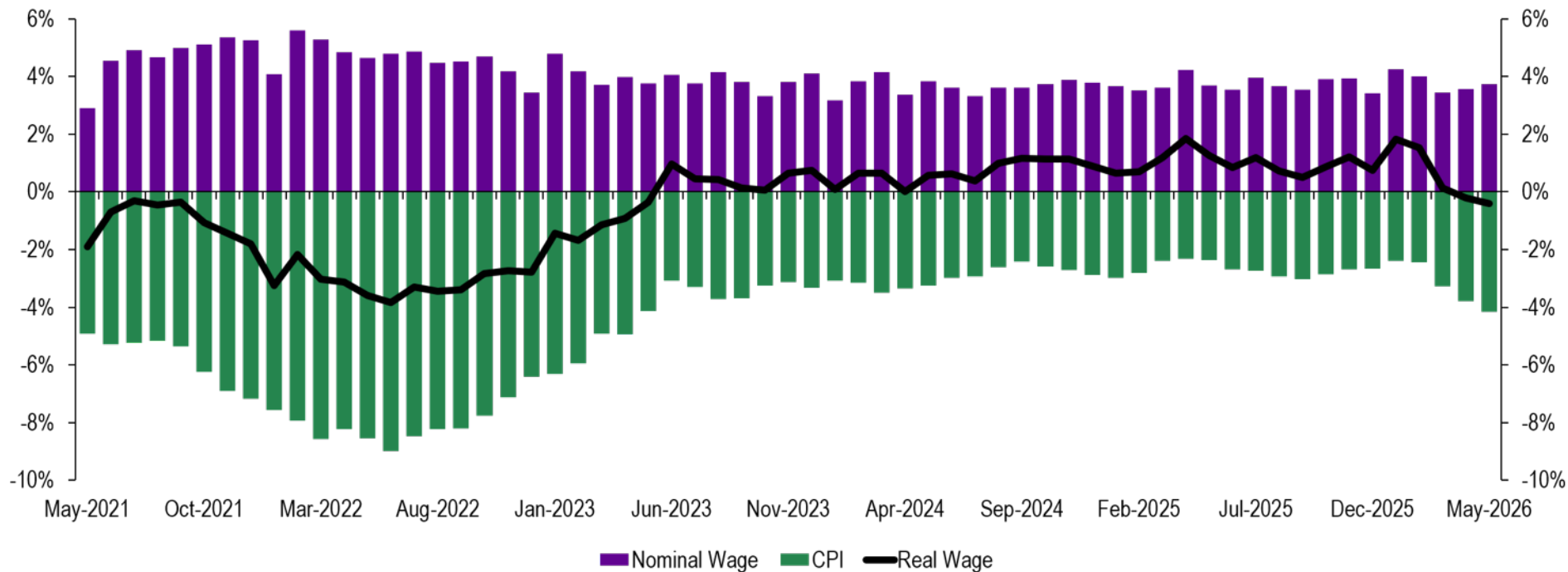


Change in Hourly Wages



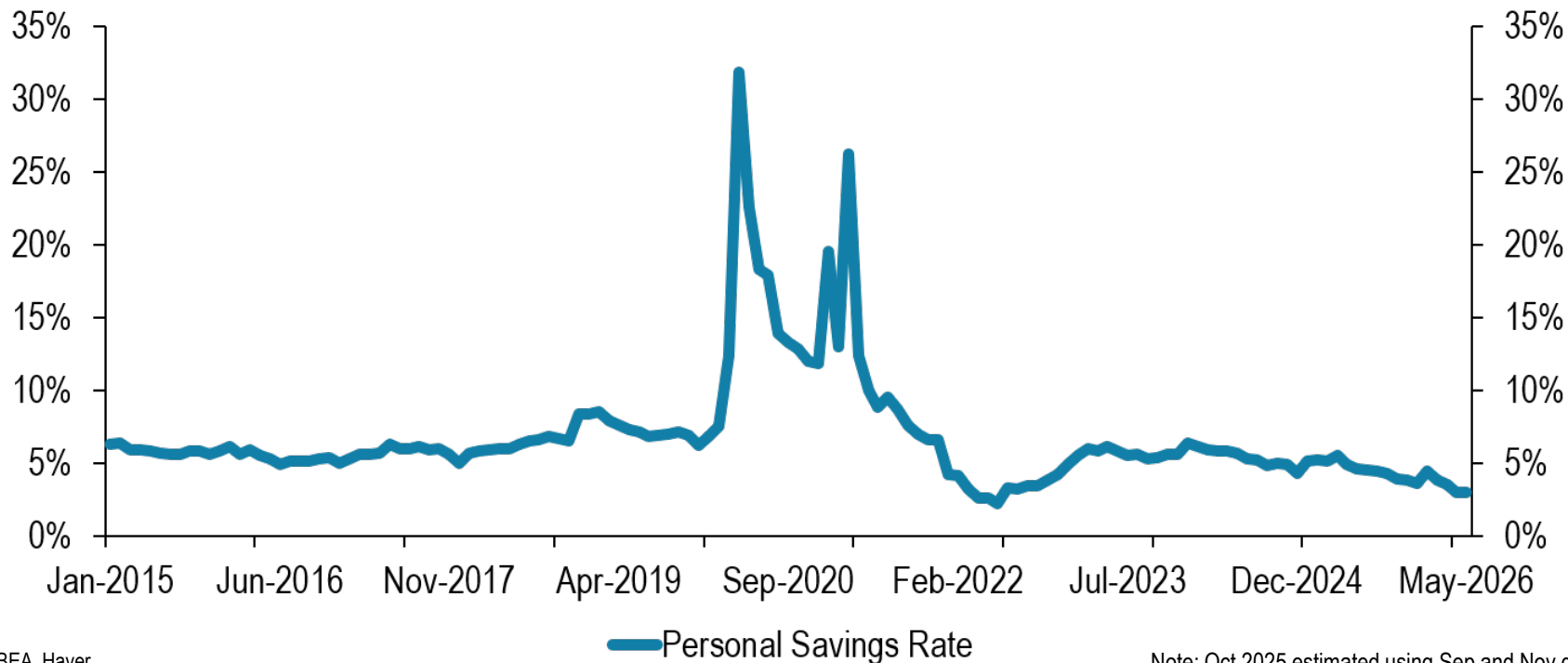
Inflation outpaced wage growth in April and May

Year over Year % Change

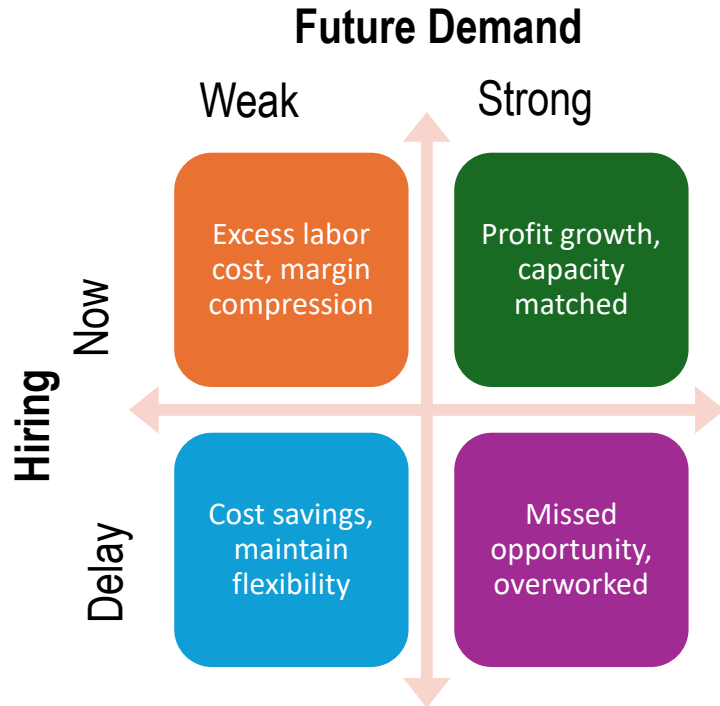


Personal Savings Rate

Personal saving as a percentage of disposable personal income



Labor expansion decision framework



Factors for less labor demand



Productivity – AI and less labor churn



Cost stability – Healthcare and wage competition



Demand alignment – uncertainty in matching capacity



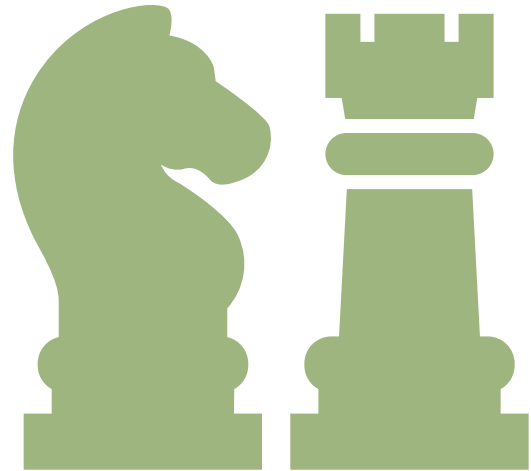
Macroeconomic risks – uncertainty



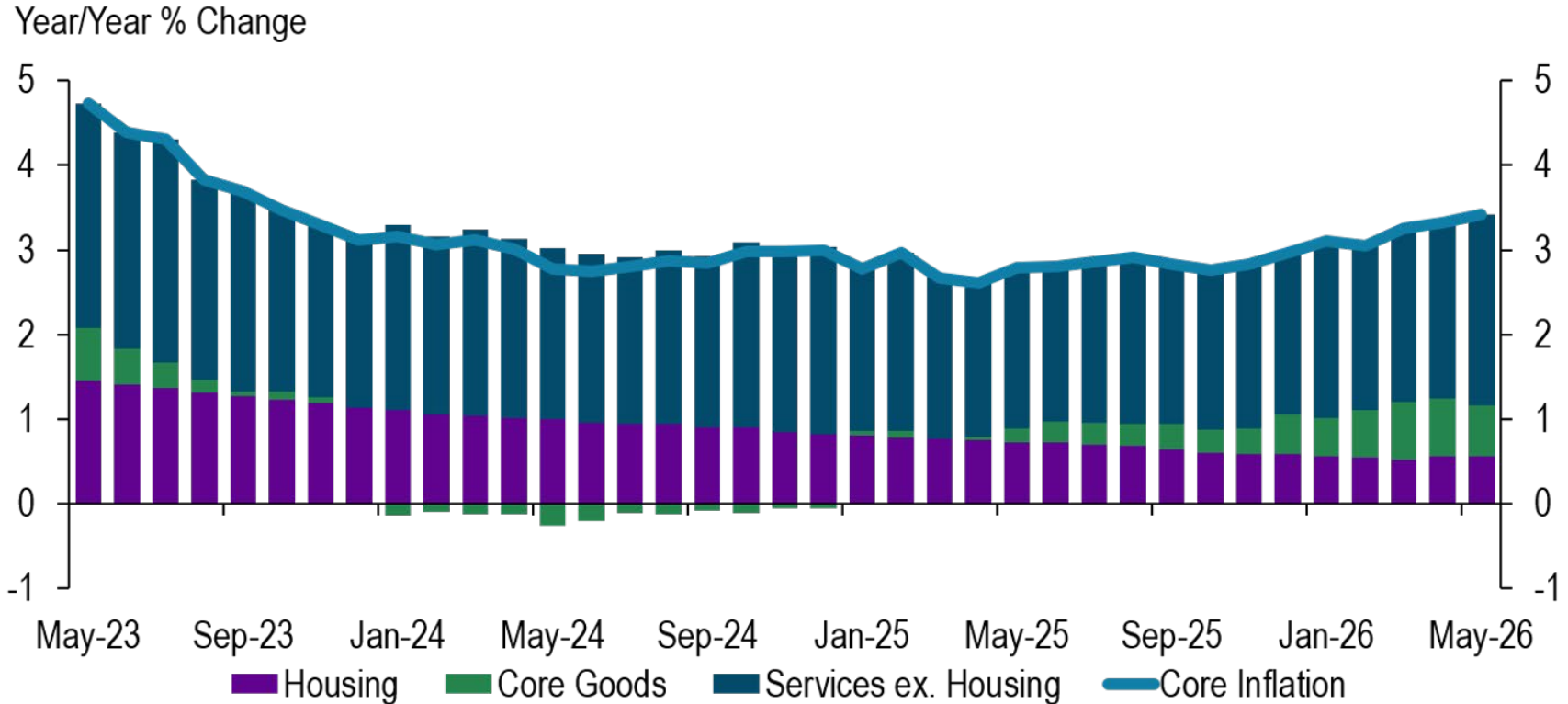
Industry shifts – mergers or increased market share

Inflation

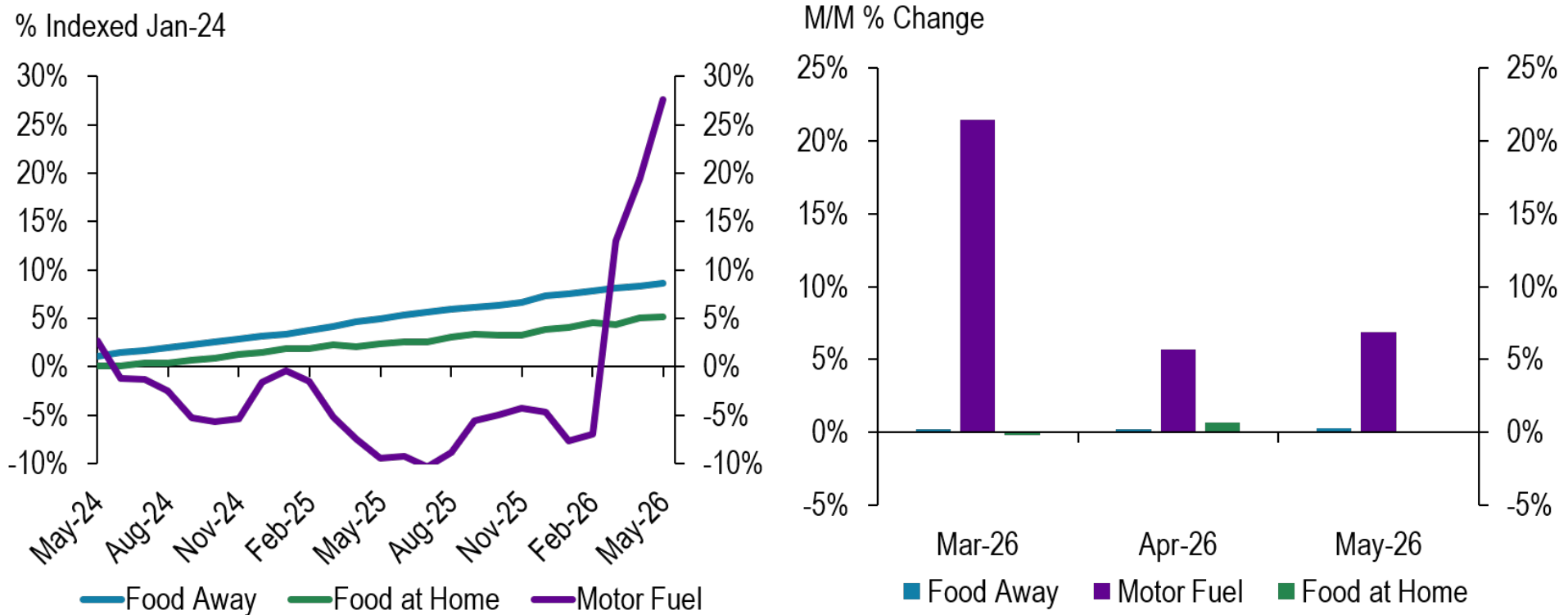
Breaking down cost pressures, inflation expectations, and business responses.



Goods inflation continues to creep in



Inflation – Selected variables

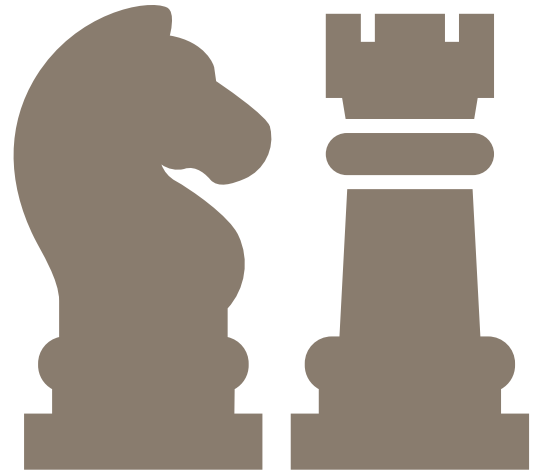


Source: BLS

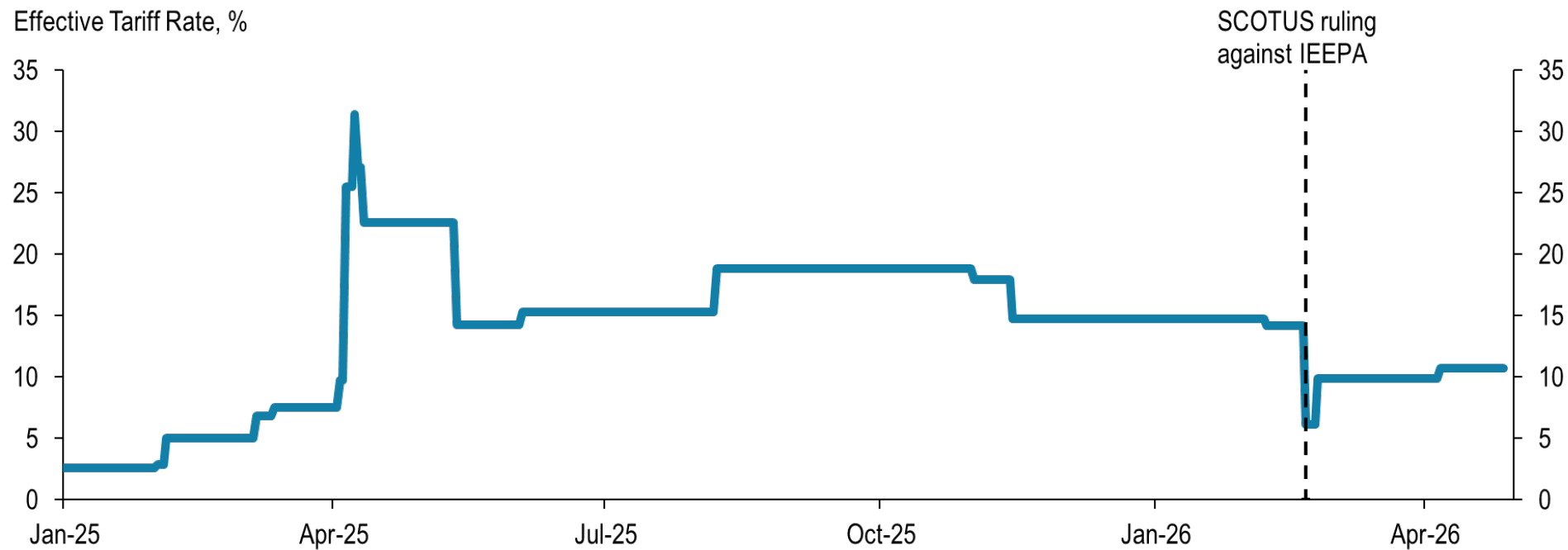
Note: Oct 2025 estimated using Sep and Nov data

Manufacturing

Examining whether strong production data signals sustained growth or temporary resilience.



Effective Tariff Rate



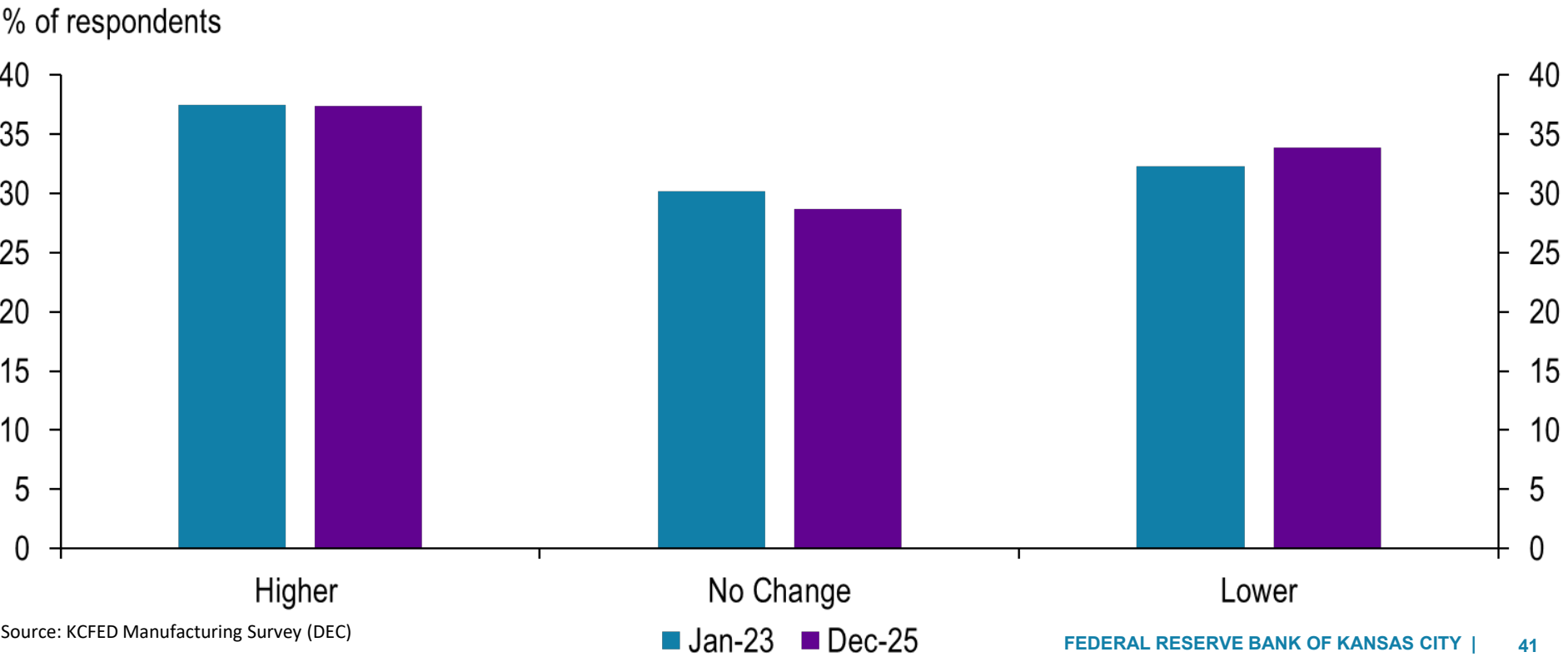
Source: US Census International Trade Data (via API)

Manufacturing survey – high optimism for new orders

Difusion Index vs Previous Month



Survey- Capital expenditures expectations

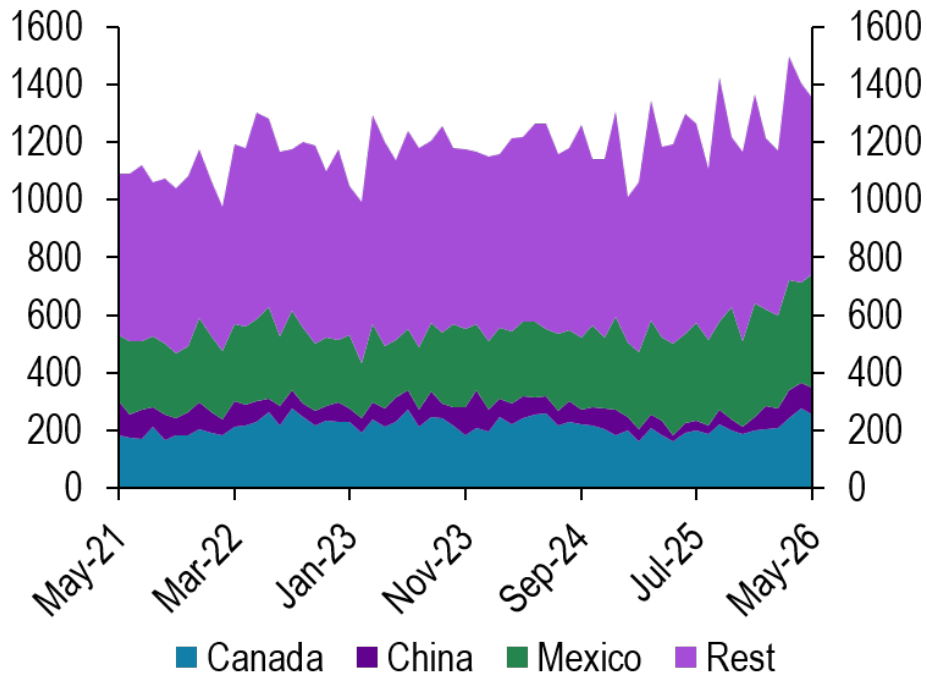


Source: KCFED Manufacturing Survey (DEC)

KS exports have more global exposure

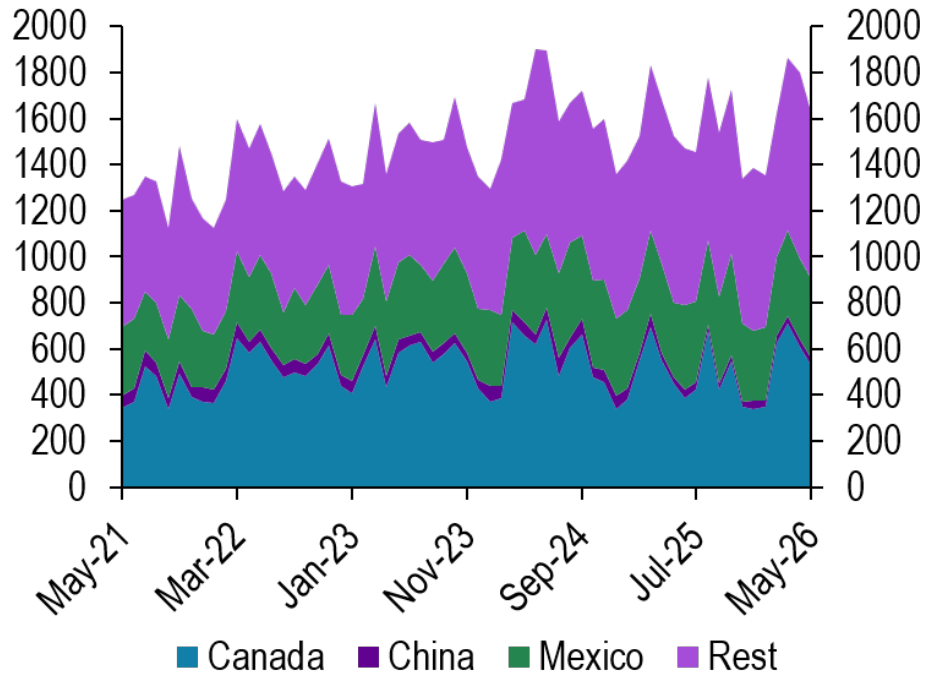
In Millions of Dollars

Kansas



In Millions of Dollars

Missouri



Globally Connectedness – Is there a Midwest advantage?

Domestic – Customers and Suppliers

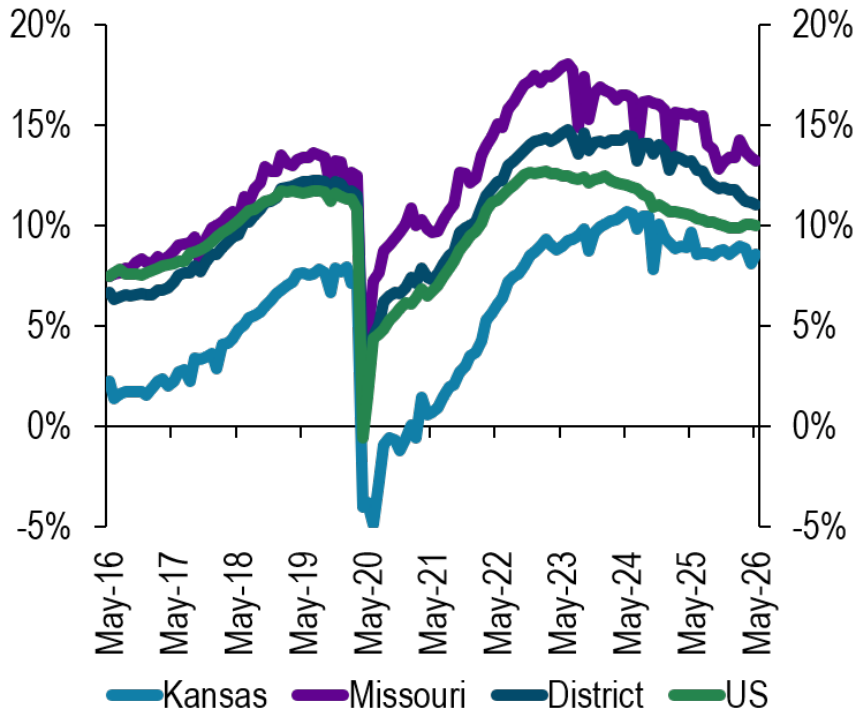
- A more stable cost base enabled price competitiveness and stronger relative margins, gaining market share as import-reliant rivals adjusted pricing.
- Industry Examples:
 - Food production
 - Fabricated metals
 - Metal foundry
 - Consumer goods

Foreign – Customers and Suppliers

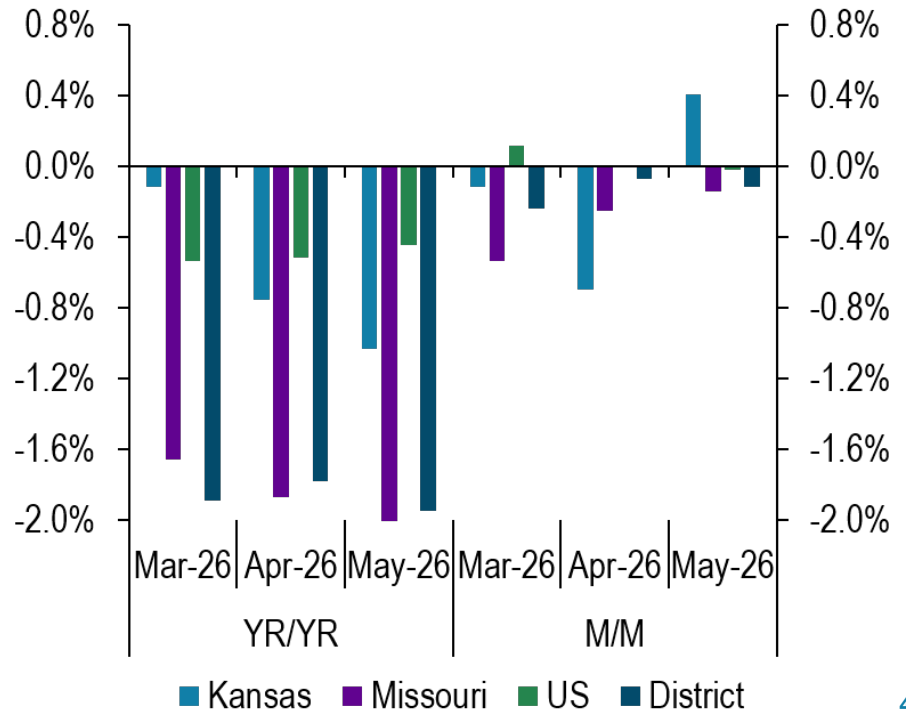
- Industries faced pressure from rising input costs and declining global competitiveness. Strategies included tightening margins, cutting output, adjusting product lines, switching to lower-cost inputs, or passing on costs to customers.
- Industry Examples:
 - Automotive
 - Aerospace
 - Machinery equipment
 - Farm equipment

Manufacturing Employment is slowing

Employment Indexed to 2010

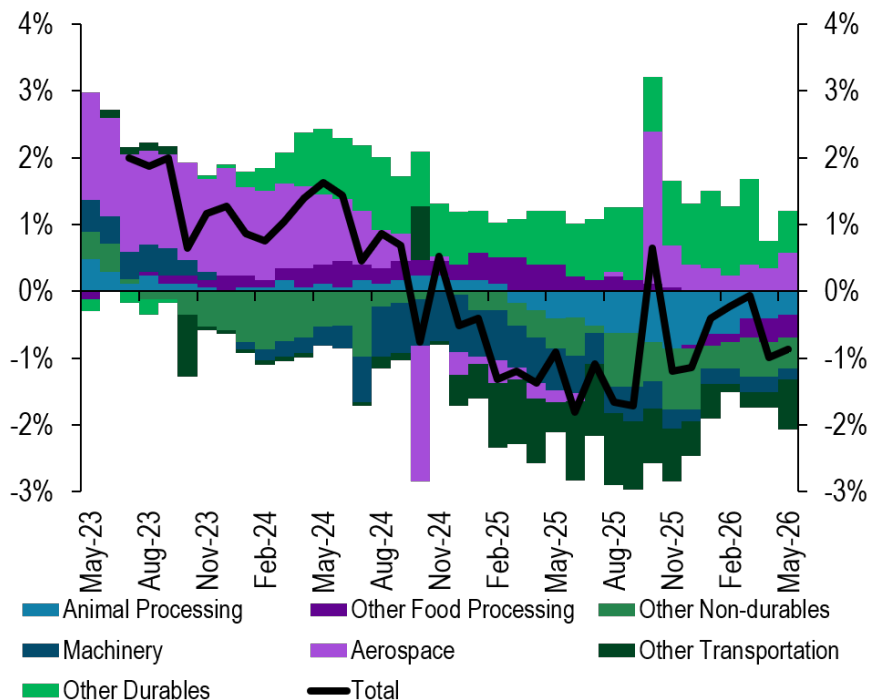


Employment Change

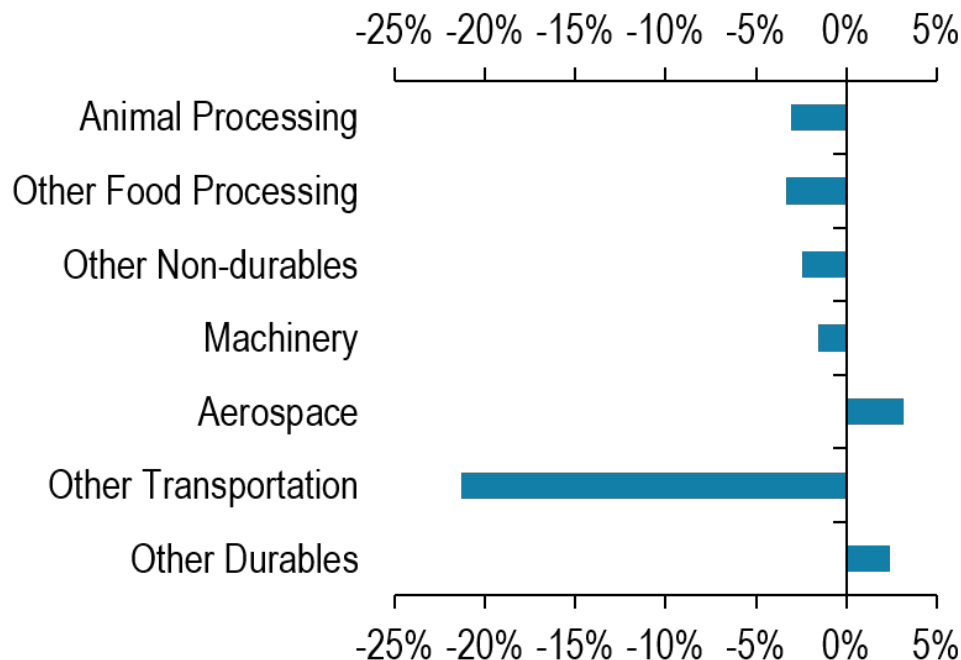


KS: Other durables has propped up the economy

Contributions to change in employment Kansas

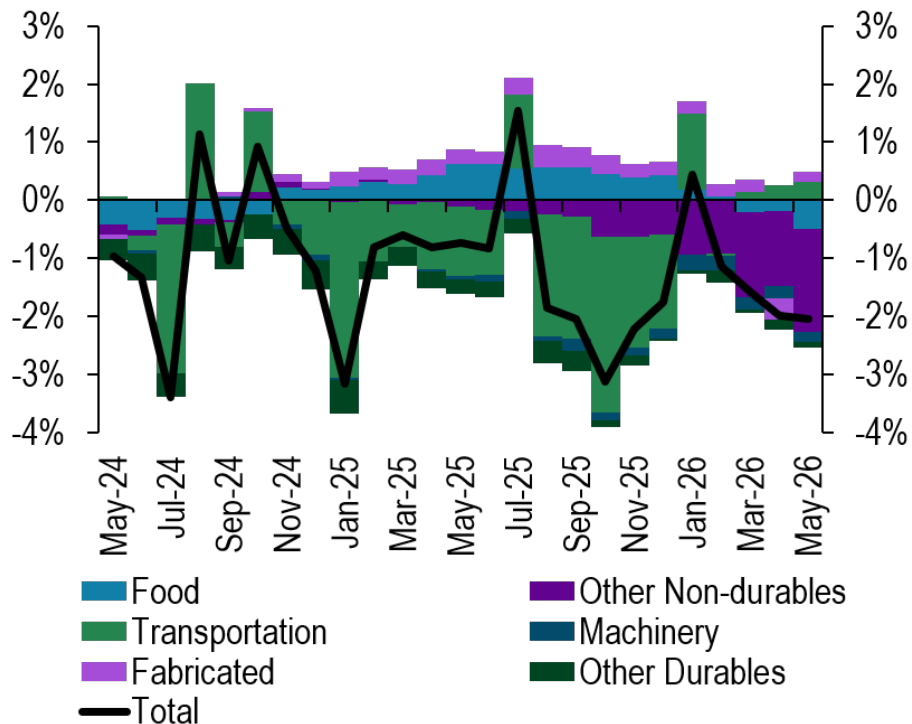


Y/Y % chg in employment May 2026

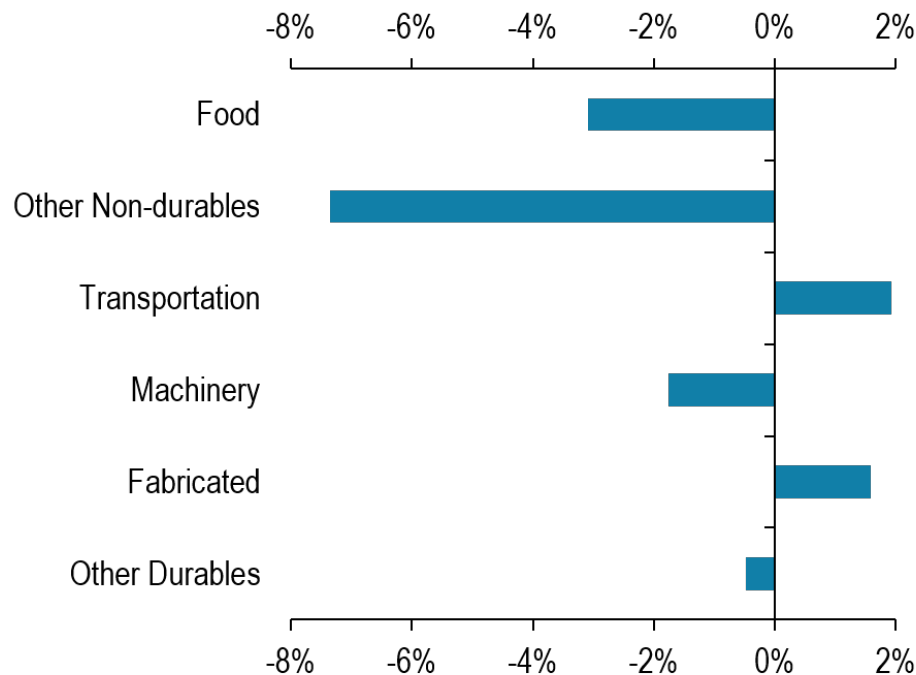


MO: Transportation employment has been volatile

Contributions to change in employment Missouri

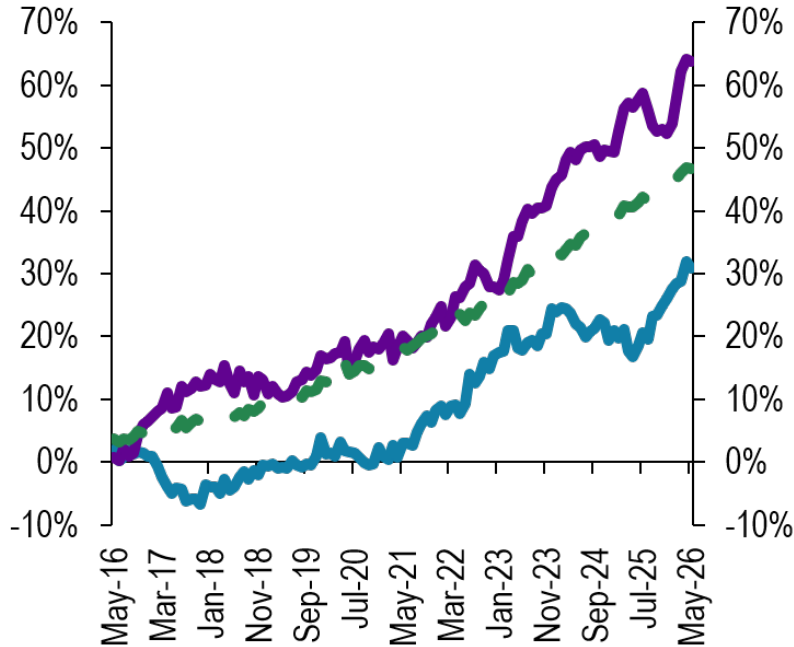


YYY % chg in employment May 2026

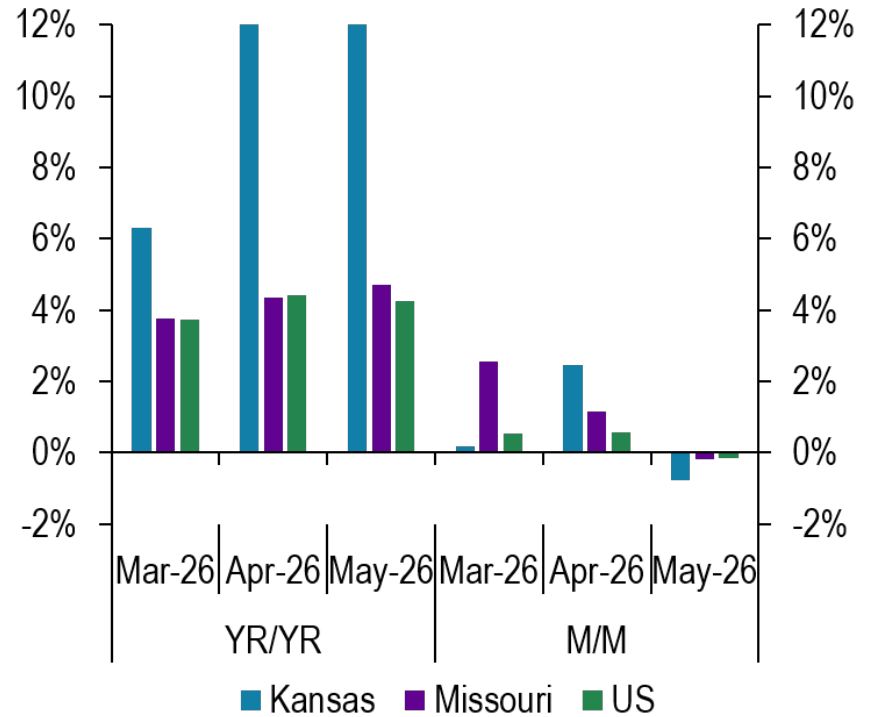


Manufacturing Wages

Manufacturing Wages Indexed Jan 2015

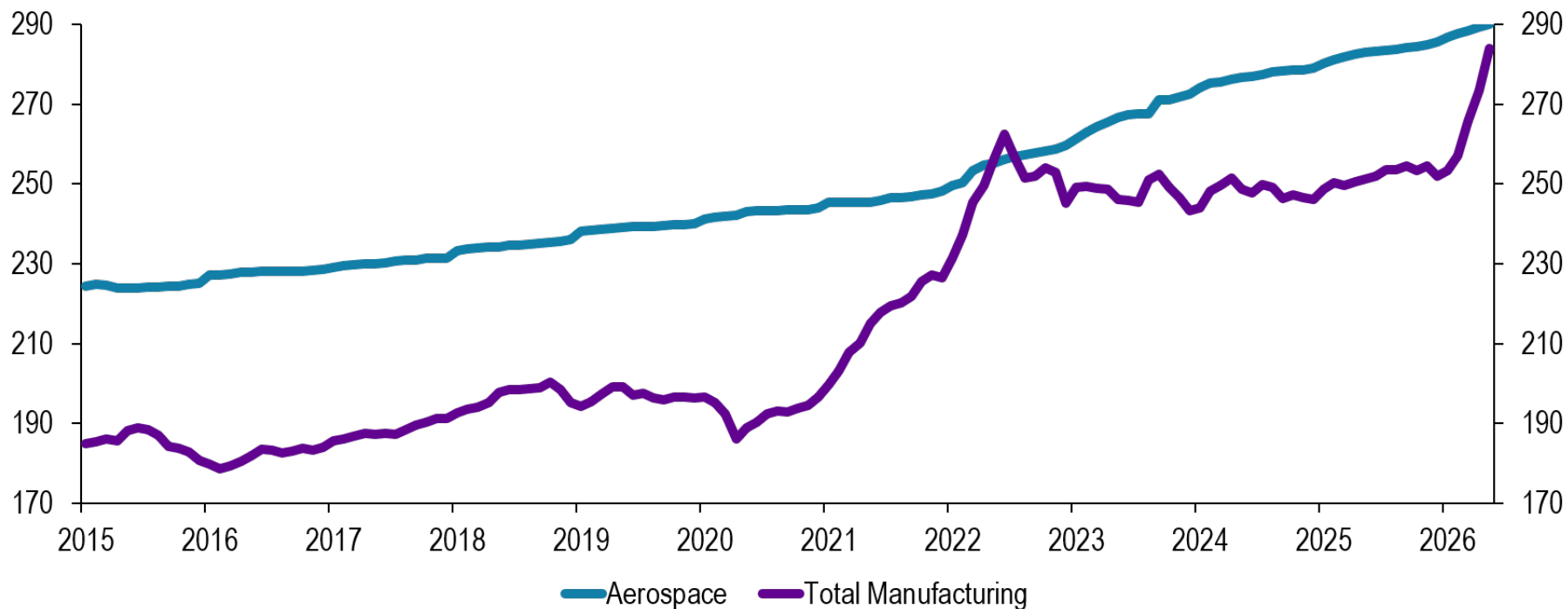


Change in Manufacturing Weekly Wages



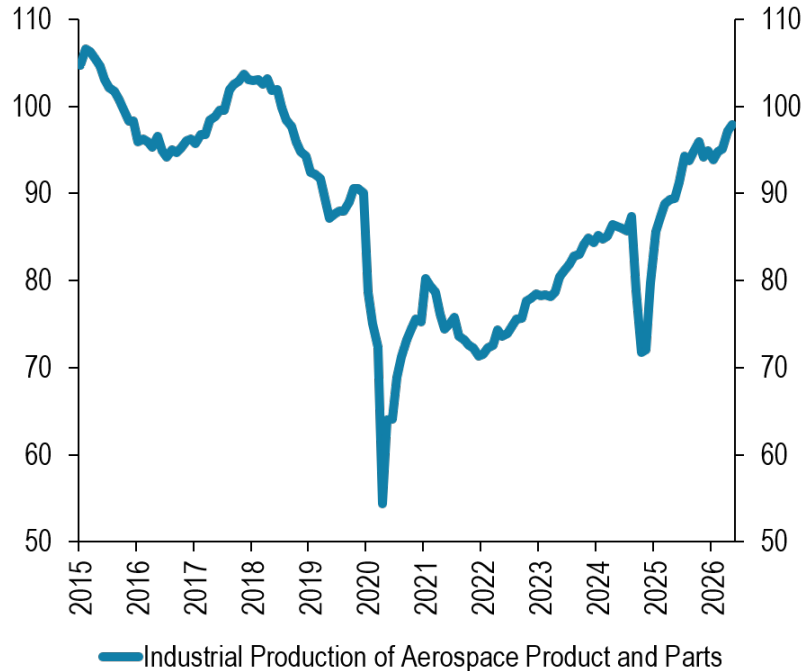
Producer Price Index

PPI Indexed Jun 1985=100

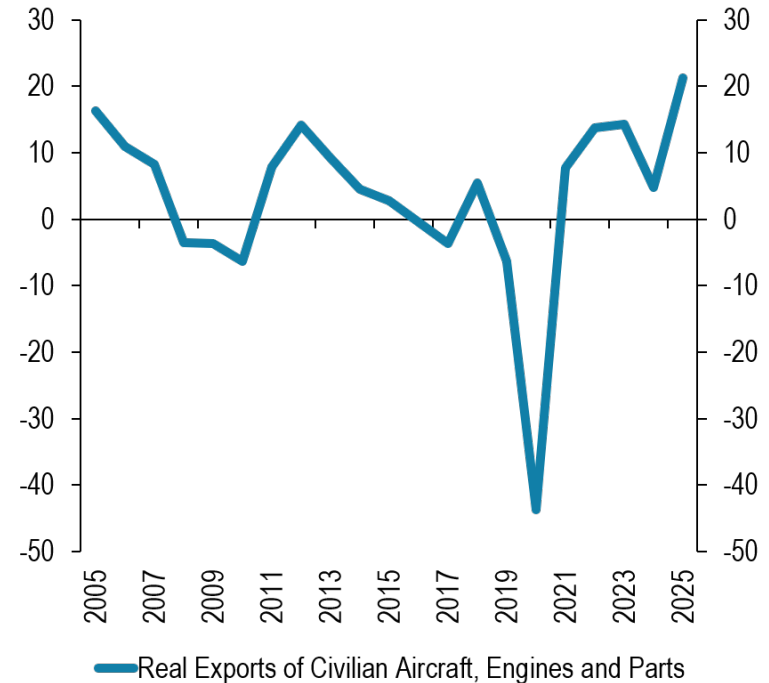


Aerospace Production and Exports

Production Indexed 2017=100

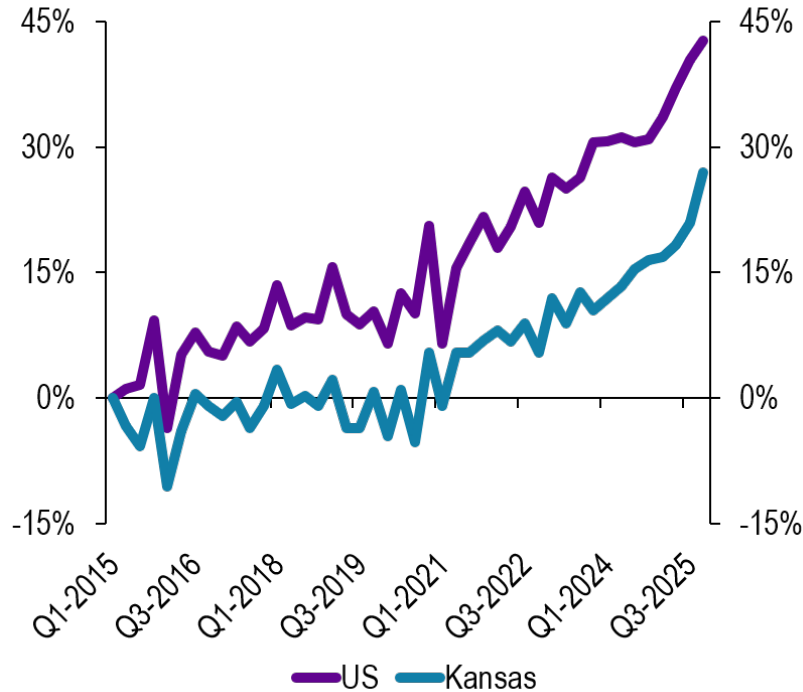


y/y % chg

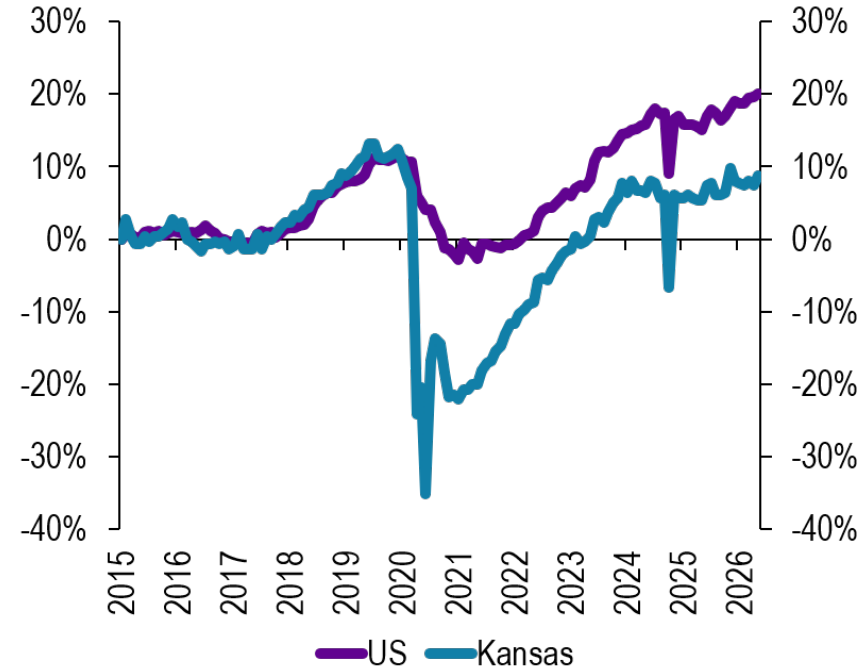


Aerospace Employment and Wages

Wages % chg from Q1 2015, sa

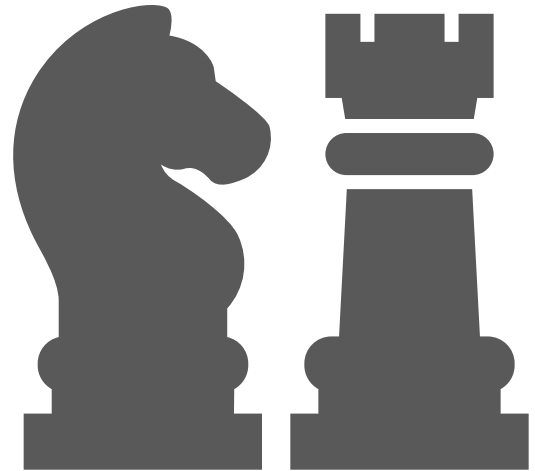


Employment % chg from Jan 2015



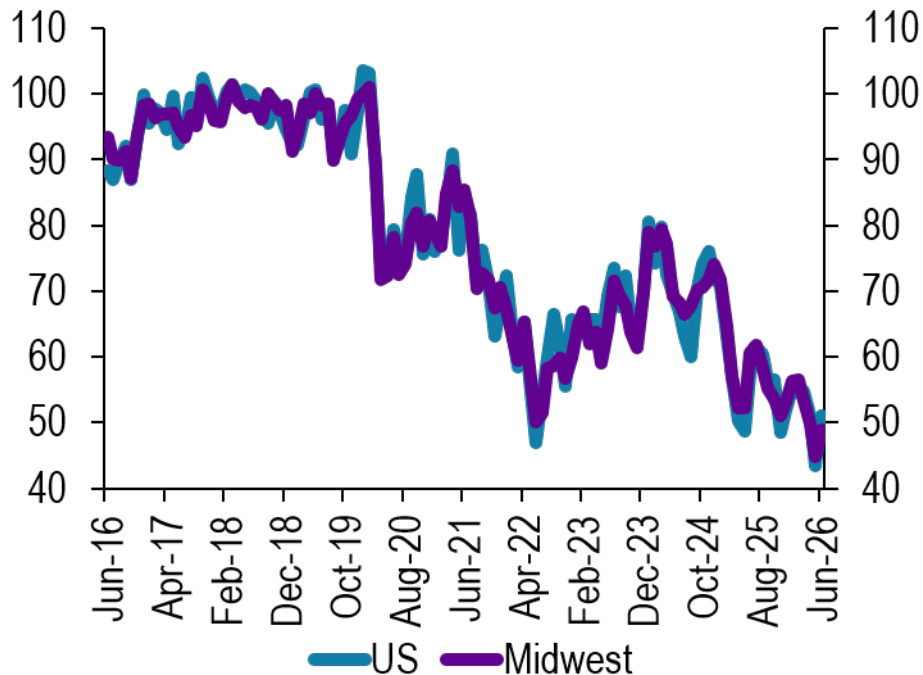
Services

Analyzing the strength of the service sector amid shifting consumer and business confidence

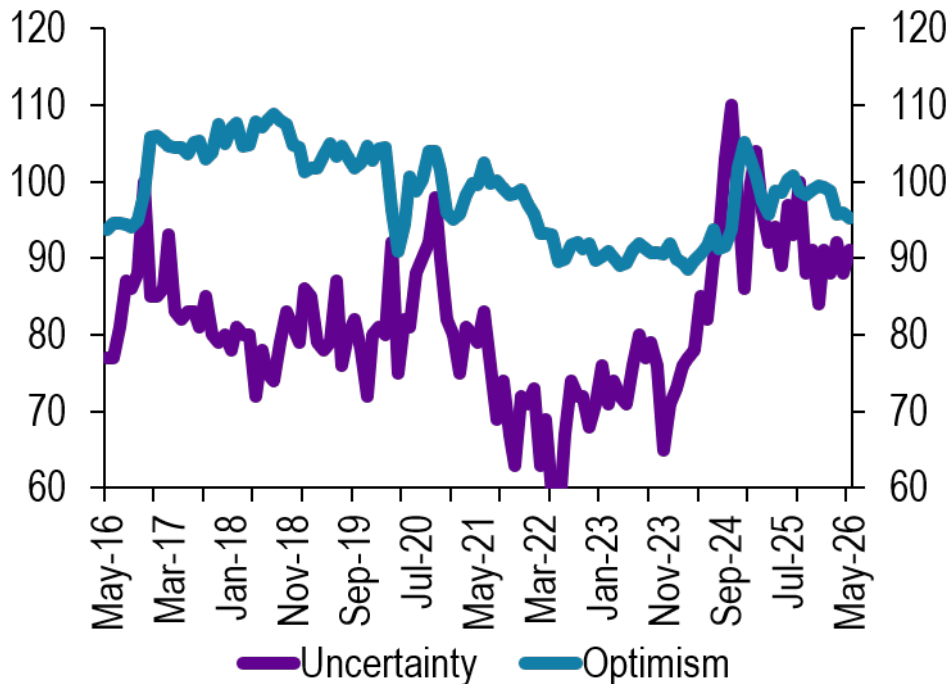


Consumers sentiment declined while business uncertainty remains high

Consumer Sentiment Index (Q1-66=100)

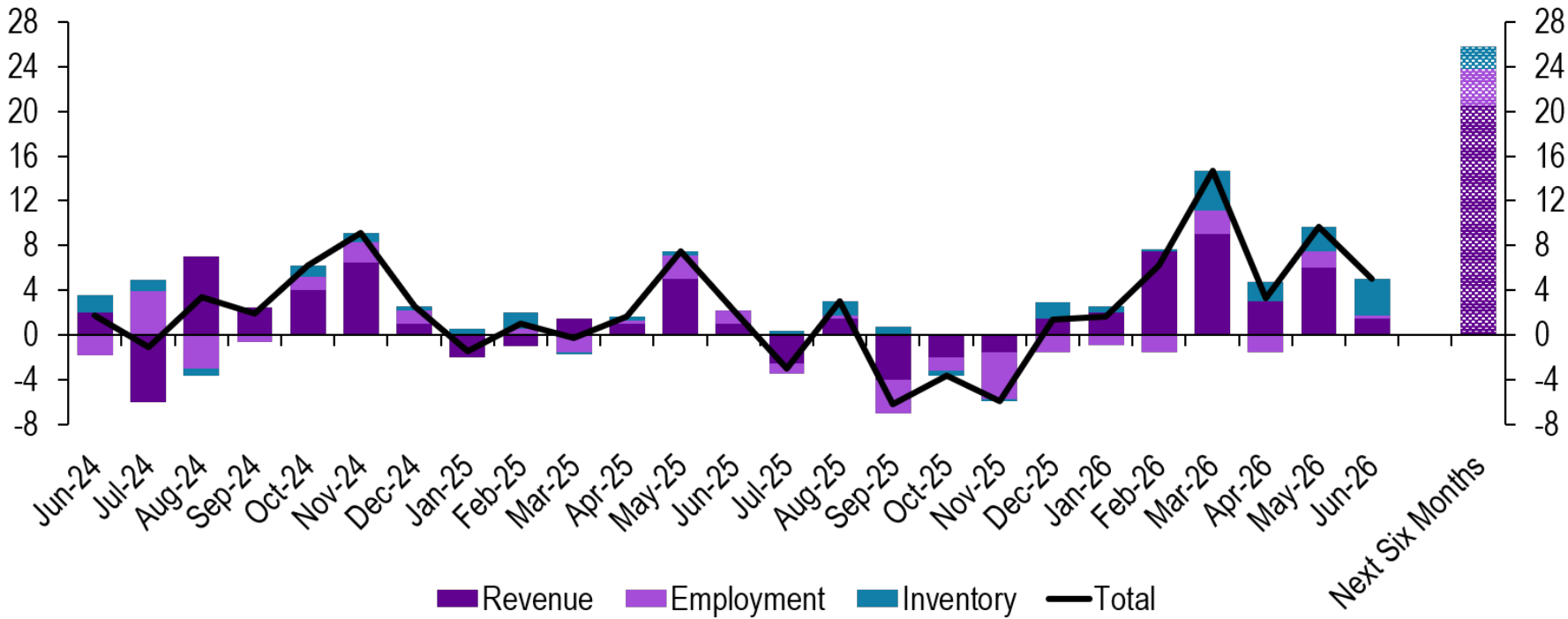


Small Business Uncertainty



Services survey – Revenue is improving

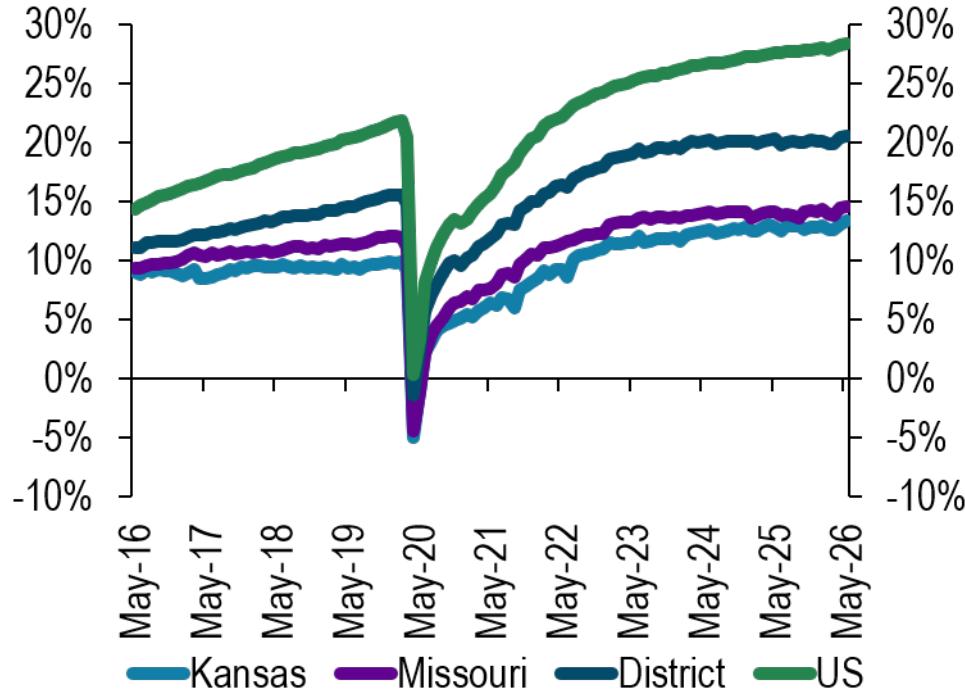
Diffusion Index vs Previous Month



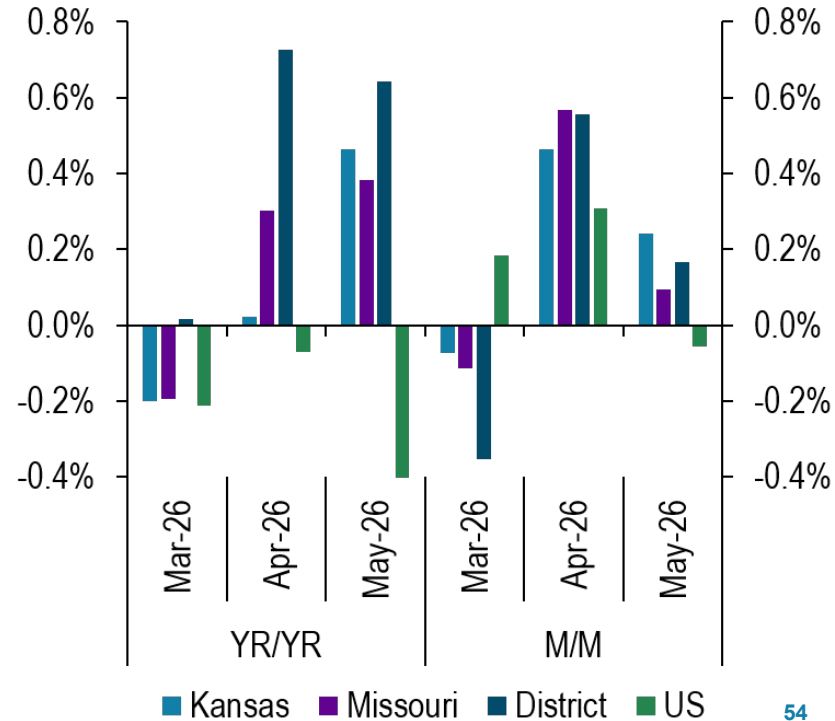
Source: KCFED Manufacturing Survey

Employment in KS has cooled

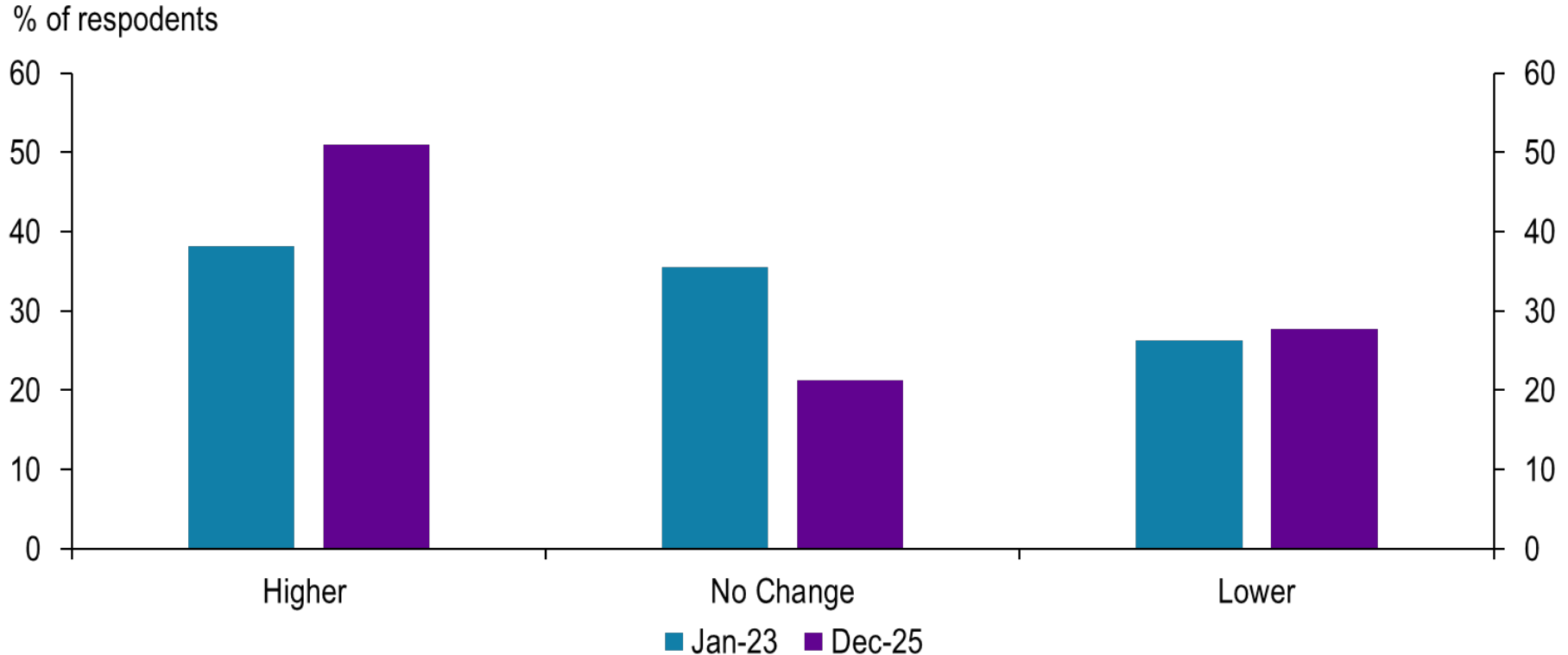
Services Employment Indexed to 2010



Services Employment Change

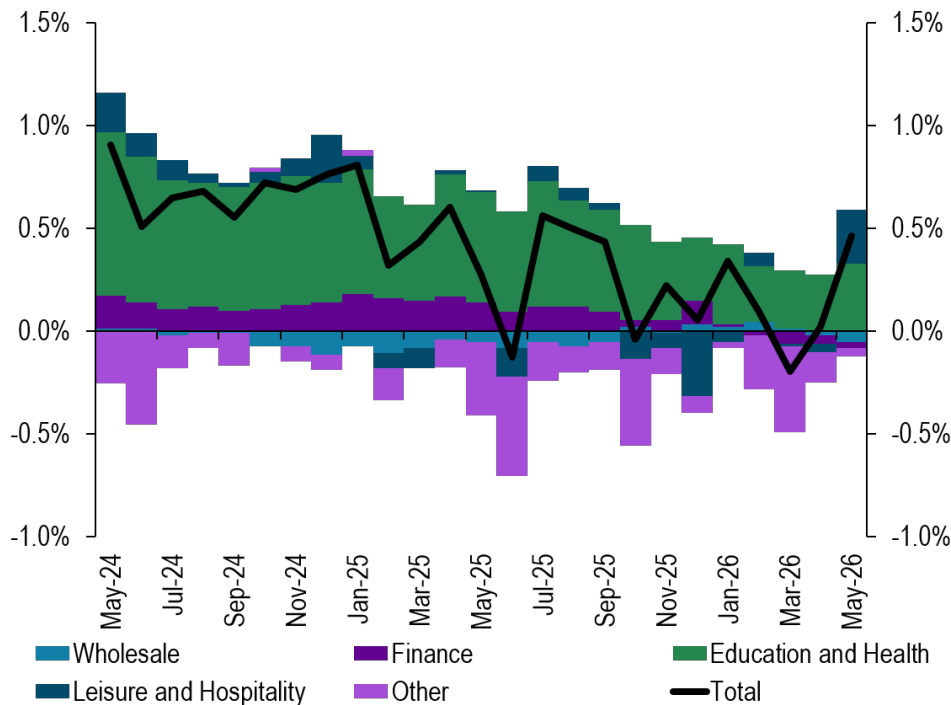


Survey- Capital expenditures expectations

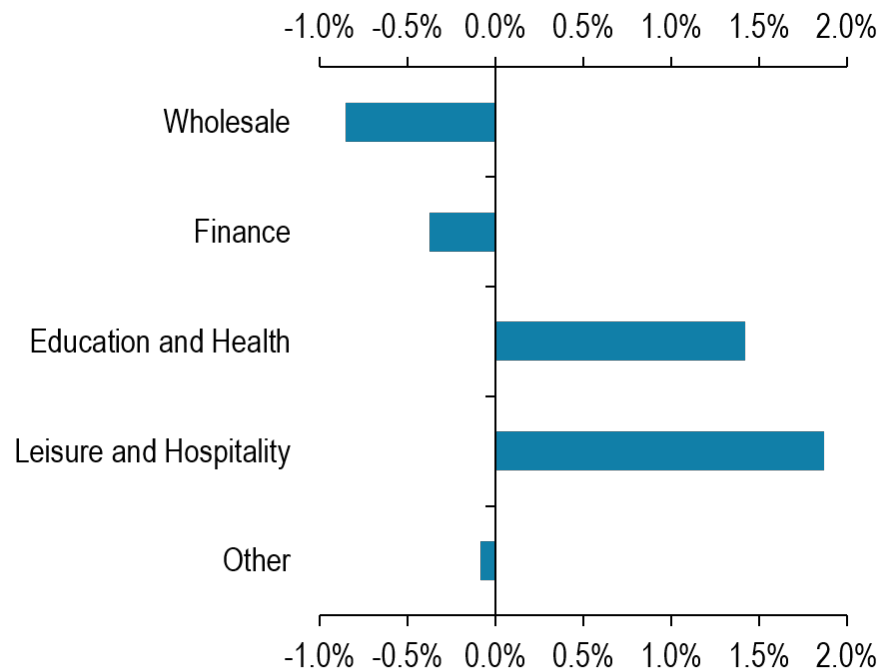


Leisure has been volatile in Kansas

Contributions to change in employment Kansas

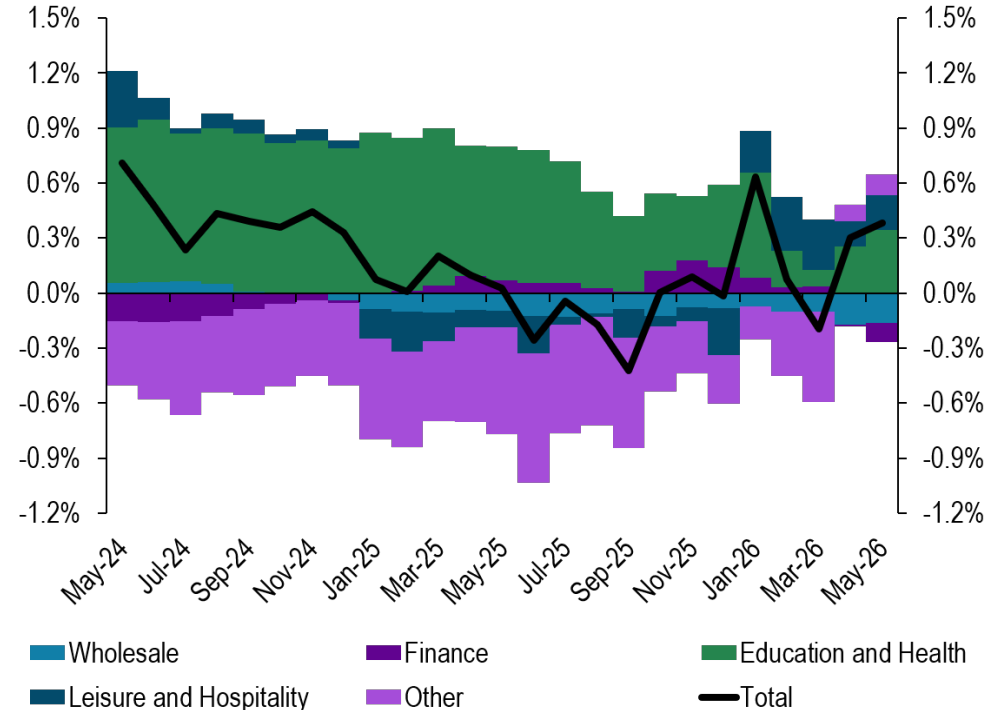


Y/Y % chg in employment May 2026

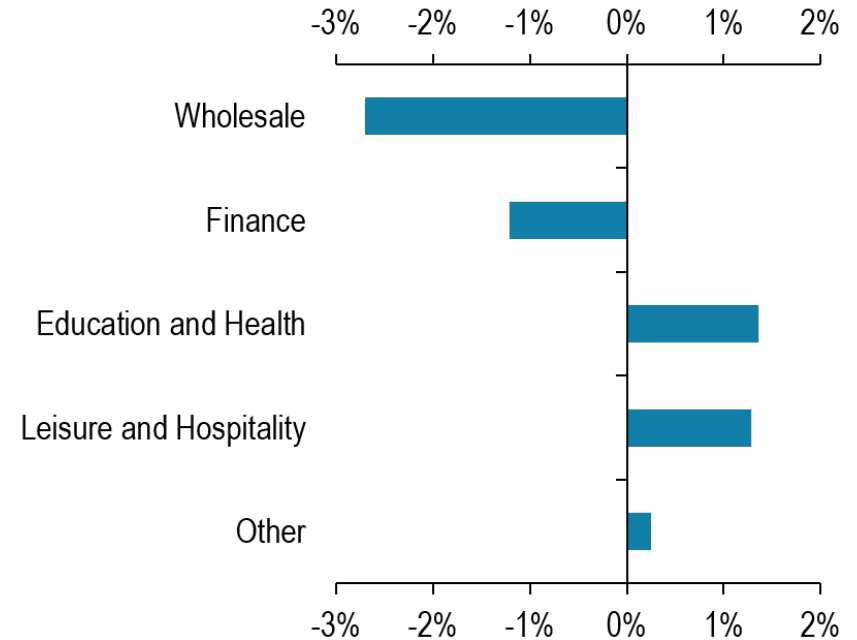


Leisure still growing - Missouri

Contributions to change in employment Missouri

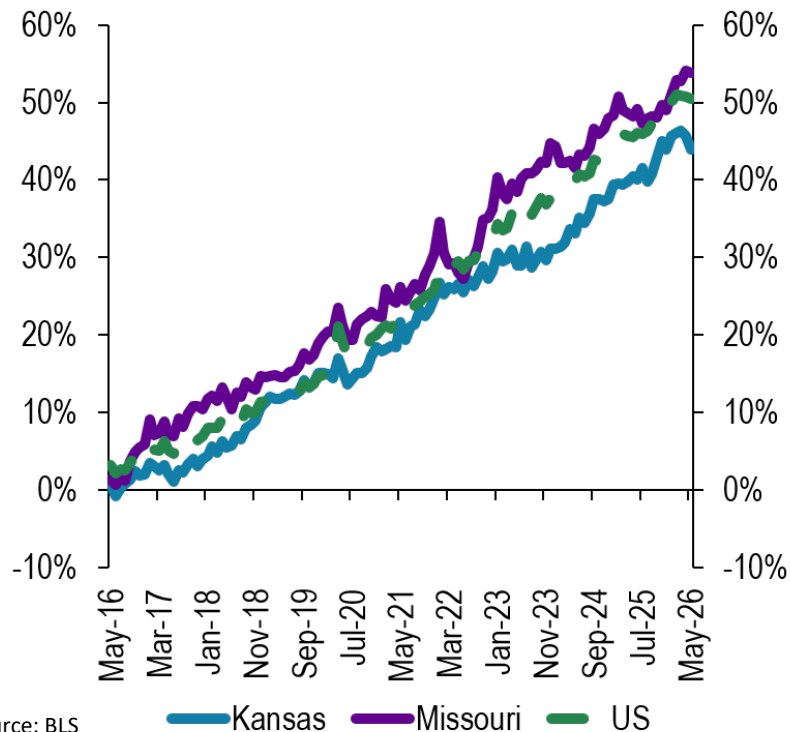


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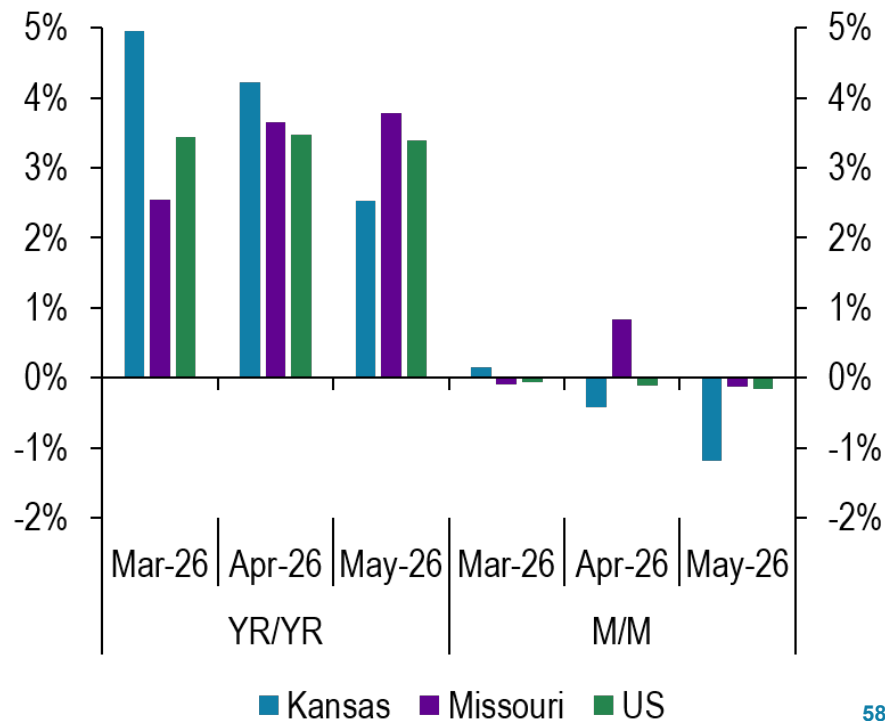


KS nominal wages are starting to catch up to the US

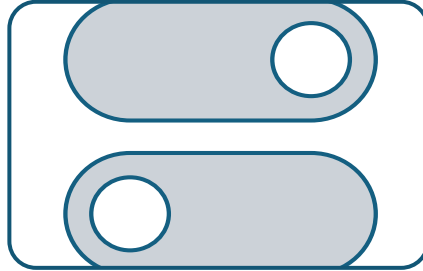
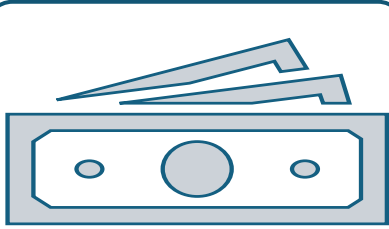
Average Hourly Wage Indexed Jan 2015



Change in Hourly Wages



Where did my customer go?



**Segment –
Heterogeneity
increased:**
demand behavior
diverged more by
income and
wealth

**Substitution
toward value:**
premium to mid
or budget
alternatives

Staycations:
consumers are
optimizing costs
towards smaller
trips

Retail and goods:
value and
essentials win
over big
discretionary
purchases



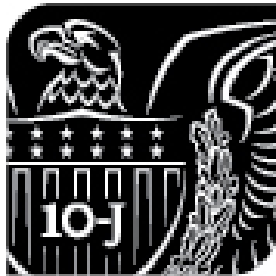
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