Greater Kansas City Chamber of Commerce

2024 Economic Forecast

December 7, 2023

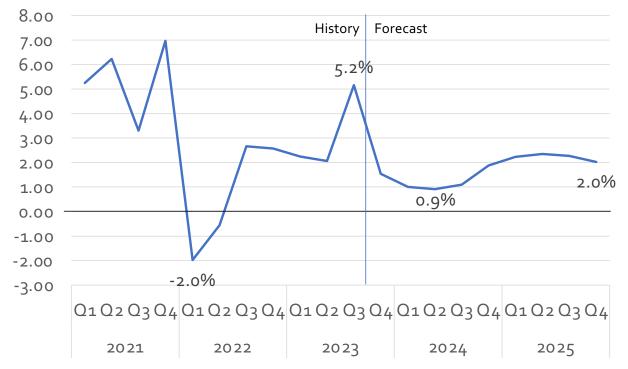
Frank Lenk Director of Research Services Mid-America Regional Council flenk@marc.org

US history and forecast



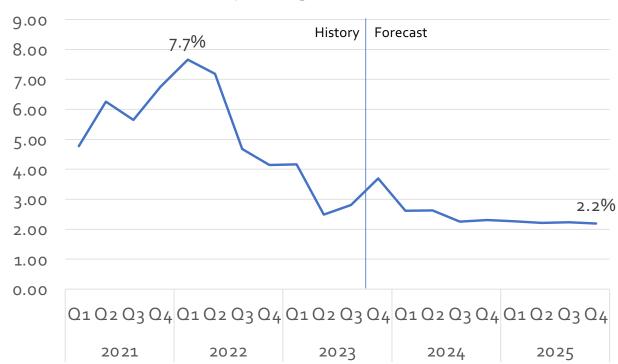
The US economy rebounded sharply from the 2020 pandemicinduced recession, then paused, sparking fears of another recession. Since then, GDP resumed growing at a more moderate pace. The forecast is for continued moderation in economic growth but no recession.

Real Gross Domestic Product Quarterly Percent Change at Annual Rates



Sources: FRED, BEA, RSQE

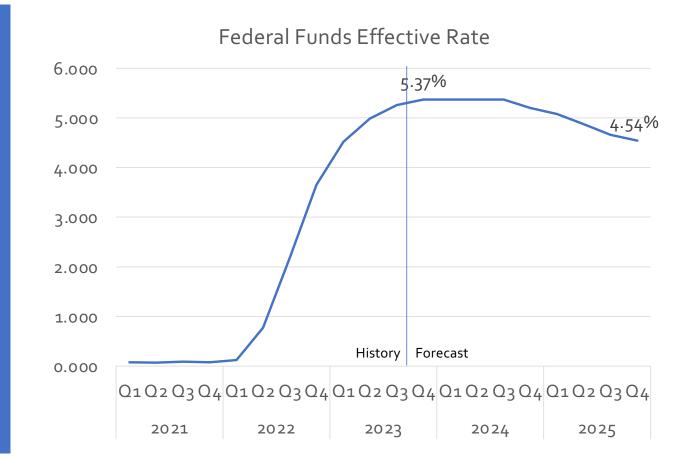
Because demand snapped back much quicker than supply, inflation reached levels not seen since the 1980s. But inflation rates are now half what they were an on their way to the Fed's 2% target



Personal Consumption Expenditures Price Index Quarterly Change at Annual Rates

Sources: FRED, BEA, RSQE

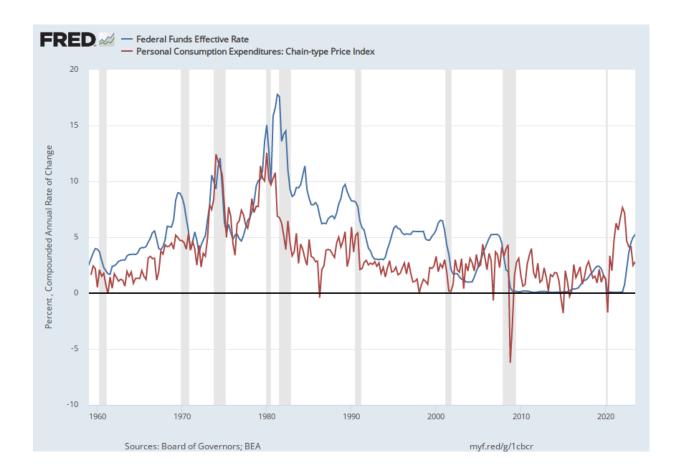
In response to inflationary pressures, the Fed dramatically increase its policy interest rate, the Fed Funds rate



Sources: FRED, Federal Reserve Board

Here we can see how high inflation ran relative to the 1980s. The blue line is the policy rate used to keep the red line near 2%.

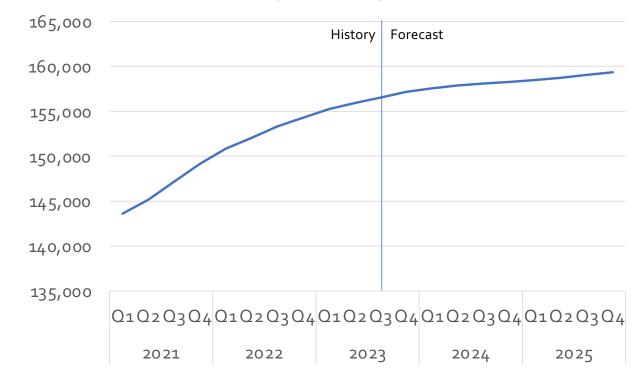
But note, in 2022 the red line moved downward at the exact same time as the blue line started to increase. So, it can't really be higher interest rates that cooled inflation.



It appears that that signaling of higher interest rates to come, and athe commitment to do so, was sufficient to keep inflation expectations in check. In turn, this bought time for supply chains to heal and the supply of goods to increase. The combination produced the desired softlanding - lowering inflation without a recession.



Consequently, we find ourselves at an inflection point between a high growth and a low growth regime in terms of how fast the US adds jobs.



Total US Non-Farm Employment Forecast (thousands)

Sources: BLS, RSQE

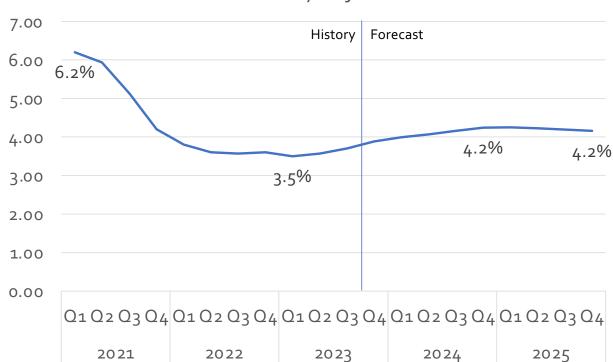
Historically, the US economy has averaged adding roughly 200,000 jobs a month during recoveries. With many workings aging out of the labor force, the natural monthly increase in workers is now about 100,000 per month. That level is what the economy is transitioning too.

800 History Forecast 673 657 700 600 563 518 500 399 -400 349 316 322 300 222 203 213 200 130 107 100 100 87 70 63 73 100 0 Q1 Q2 Q3 Q4 2023 2024 2025 2021 2022

Average Monthly Change in US Jobs, by Quarter In Thousands

Sources: BLS, RSQE

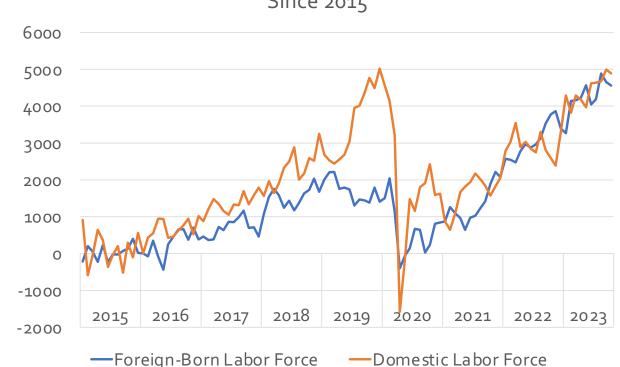
This is the principal reason the unemployment rate has stayed so low despite a slowing economy. Even after fully absorbing the impact of higher interest rates, the unemployment rate still remains very near 4%, the level historically considered full employment.



Unemployment Rate Seasonally Adjusted

Sources: BLS, RSQE

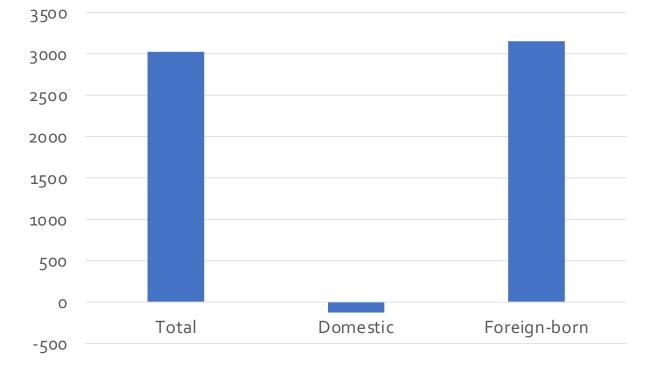
If the natural increase in the labor force is only 100,000 per month, how have we been adding much more than that post –pandemic? Most was simply putting back to work those that lost their jobs. Labor Force participation is now fully back. But also, foreignborn workers have played an increasing role.



Foreign-born and Domestic Labor Force Growth Since 2015

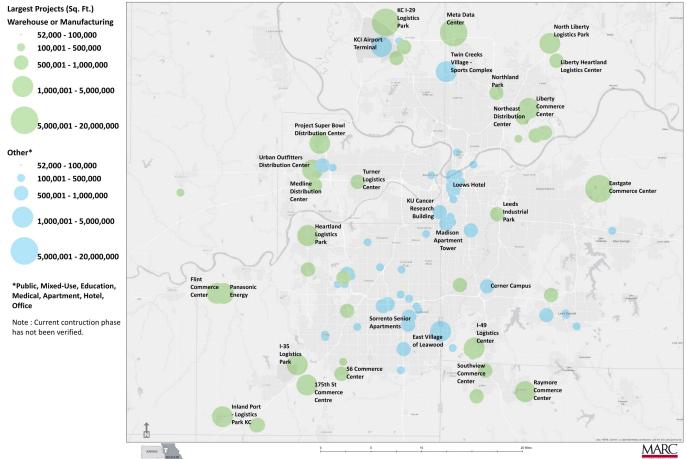
In fact, any LF growth beyond the prepandemic peak can be attributed to growth in foreign-born workers. Employment in the US would not be larger today than it was prepandemic without an influx of foreign workers





KC History and Forecast

While residential and commercial construction appears to be down relative to last year, industrial construction remains strong as the building the new Panasonic plant gets underway.

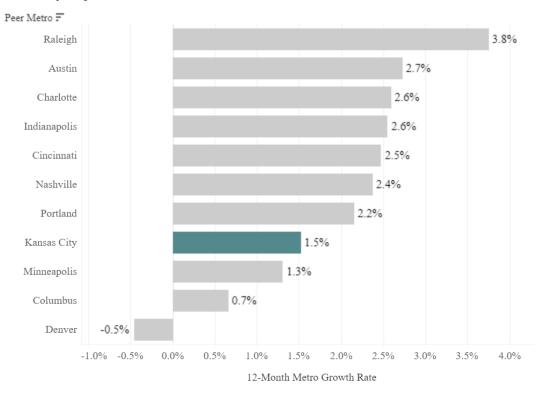


Largest Planned & Recent Construction Projects

Sources: Dodge Data and Analytics, MARC

Still, the region's economic performance over the past year lags most the metros we benchmark our progress against.

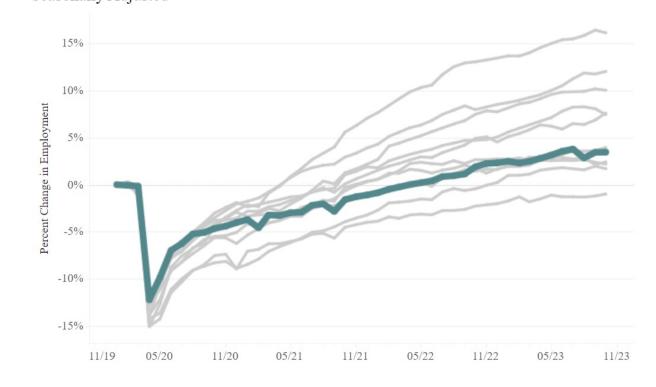
Peer Metro Rank by Employment Growth Rate Seasonally Adjusted



Source: BLS, MARC

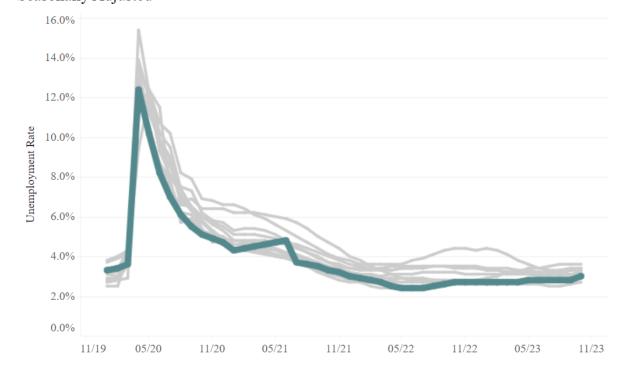
This has been true almost since the recovery from the pandemic began and, in fact, since the early 2000s.

Employment Seasonally Adjusted



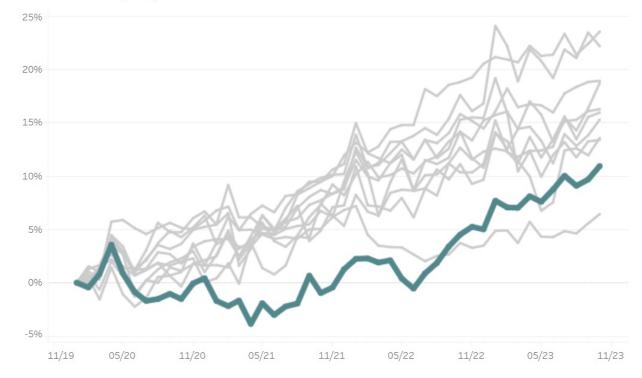
Despite this, our unemployment rate, at 2.8 percent, remains substantially below the nation's 3.9 percent and is second lowest among to benchmark metros.

Unemployment Rate Seasonally Adjusted

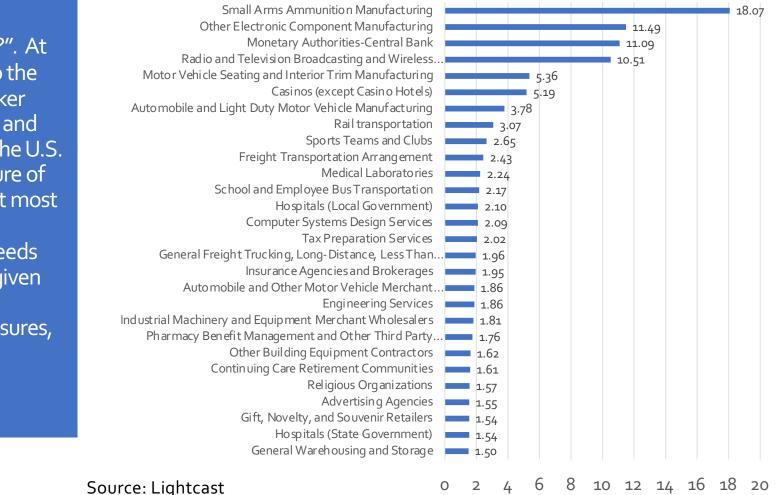


Yet a tight labor market has not translated into aboveaverage wage gains for area workers. KC's post-pandemic increase in average hourly earnings for those working for private employers is second lowest among the benchmark metros

Average Private Hourly Earnings Non-Seasonally Adjusted

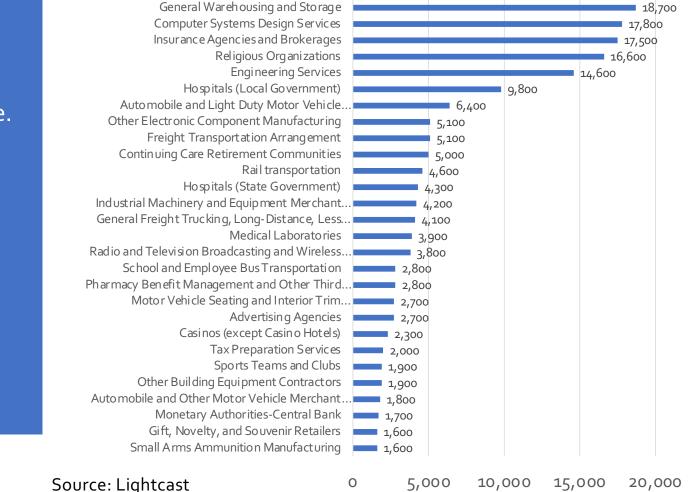


KC Largest Exporting Industries Ranked by 2022 Employment Concentration



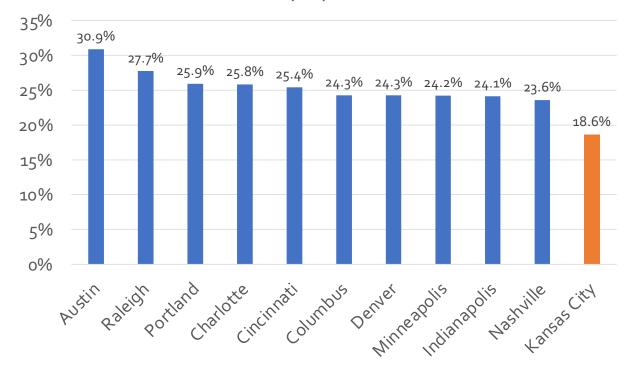
The question is ," Why?". At least in part, it is due to the region's relatively weaker ability to export goods and services to the rest of the U.S. and world. One measure of which industries export most is by how much our employment here exceeds the national average, given the overall size of our economy. By this measures, these are our largest exporting industries.

KC Largest Exporting Industries Ranked by 2022 Jobs



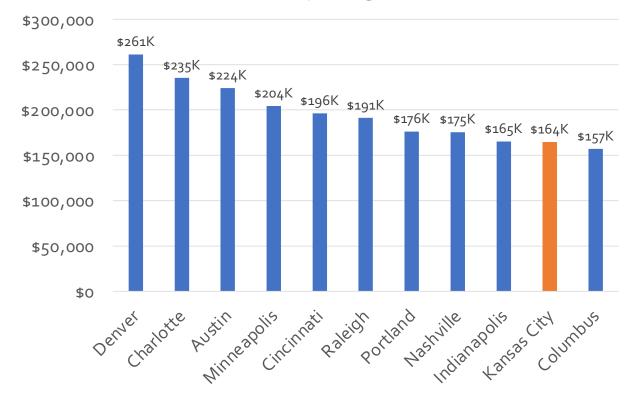
Here are the same industries, ranked by their employment size. The region's wellknown major sectors are represented – Warehousing, HealthIT, Insurance, Engineering, Autos, Electronic manufacturing, Freight. But when we sum the total employment in our exporting industries, express it as a share of total employment, and compare that share against the benchmark metros, KC lags far behind them all.

Export Industry Employment as a Share of All Employment

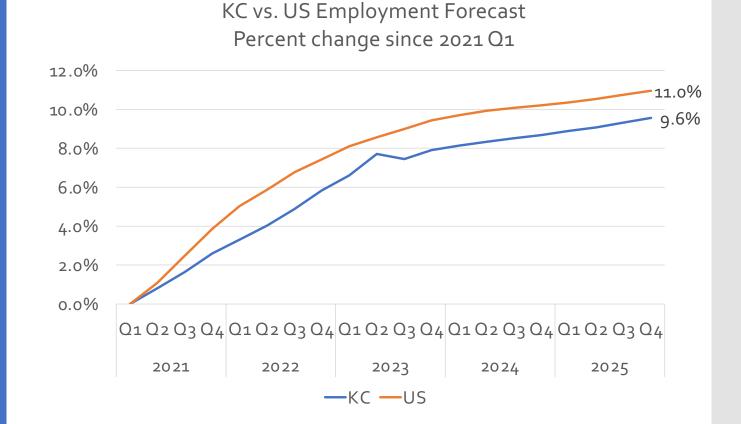


Additionally, when we look at how productive the employees are in those exporting industries, measured by the value of the products and services the industries sold on a per employee basis, We find that KC is ranked near the bottom here as well.

GDP/Job of Exporting Industries

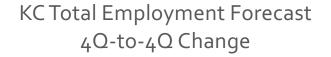


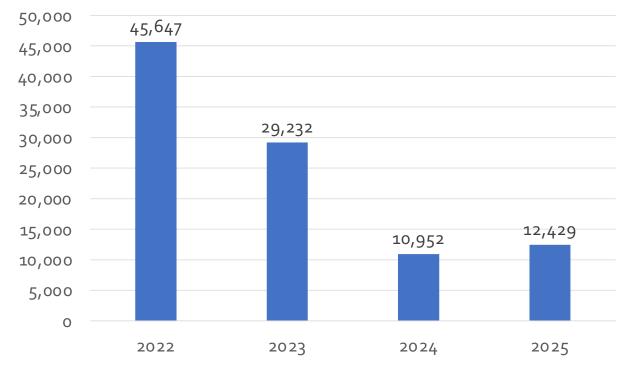
Consequently, t, we see that KC has been performing worse than the nation in terms of job growth, and we forecast this gap will not to narrow appreciably in the near future.



Source: BLS, RSQE, MARC

In 2022, the economy was still bouncing back from the pandemicinduced recession. Growth moderated substantially in 2023 and as employment growth is expected to be about 2/3 that of 2022. But job growth moving forward will be about 1/3 that of 2023.

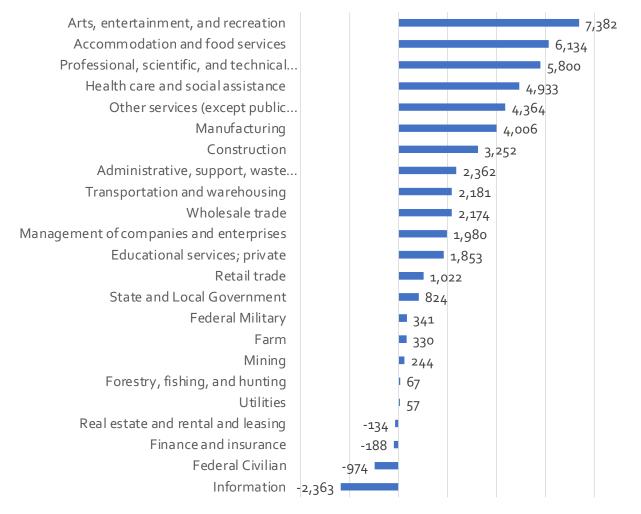




Source: MARC

Looking by industry, many of the those that were hardest hit by the pandemic also rebounded the most sharply. Traditionally strong industries such as Professional Services and Healthcare also experienced significant growth.

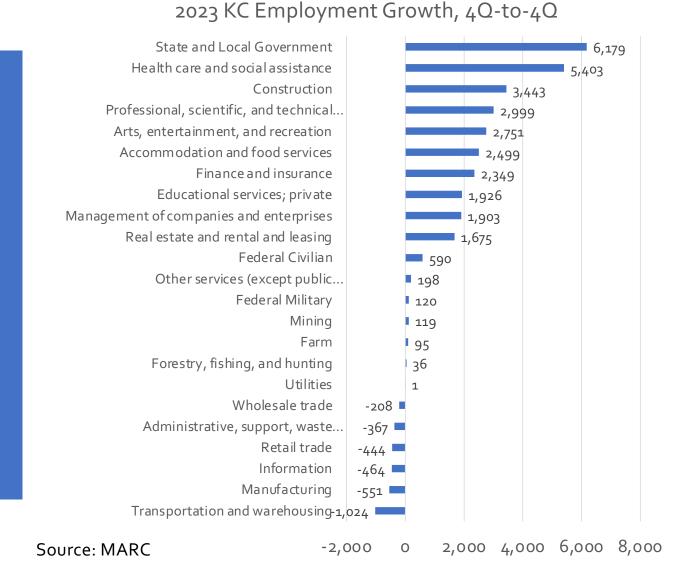
2022 KC Employment Growth, 4Q-to-4Q



Source: MARC

-4,000-2,000 0 2,000 4

2,000 4,000 6,000 8,000



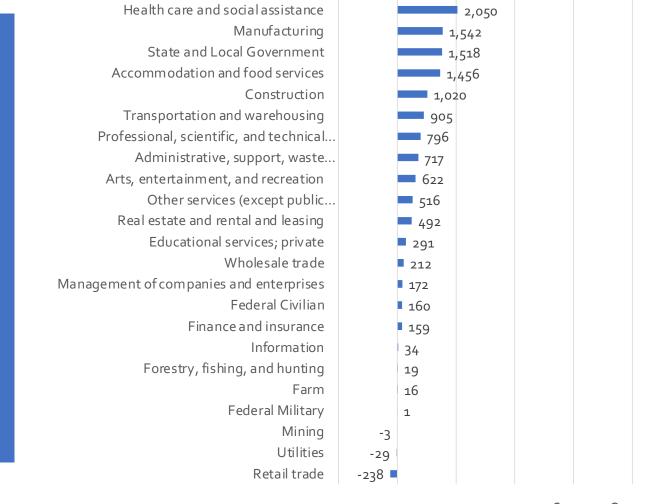
In 2023, State and Local government rebounded, and consumers continued to enjoy going out more. Construction remained strong, as did Professional Services and Health Care.

2024 Employment Growth, 4Q-to-4Q

Health care and social assistance 2,036 Manufacturing 1,441 Accommodation and food services 1,244 State and Local Government 1,189 Transportation and warehousing 928 Professional, scientific, and technical... 893 Arts, entertainment, and recreation 691 Administrative, support, waste... 680 Construction 530 Other services (except public... **4**66 Real estate and rental and leasing 334 Educational services; private 256 Management of companies and enterprises 160 Wholesale trade 153 Federal Civilian 138 Finance and insurance 118 Information 55 Forestry, fishing, and hunting 19 Farm 15 Mining 2 Federal Military 0 Utilities -28 -368 🗖 Retail trade 2,000 4,000 6,000 8,000 Source: MARC -2,000 0

In 2024, all industries experience a substantial slow down. One bright spot for KC, though, is that the Panasonic plant begins to come on line, boosting manufacturing employment above what would have otherwise been expected. Health Care remains the fastest growing industry.

2025 Employment Growth, 4Q-to-4Q



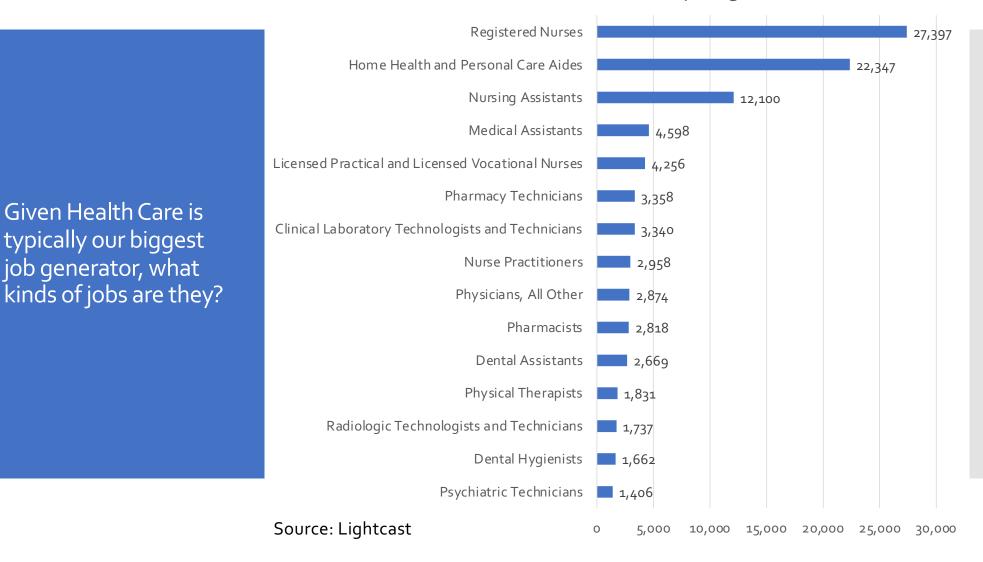
This sluggish growth continues into 2025. Health Care continues to lead the way, followed by Manufacturing. Construction begins to rebound as interest rates begin to fall again.

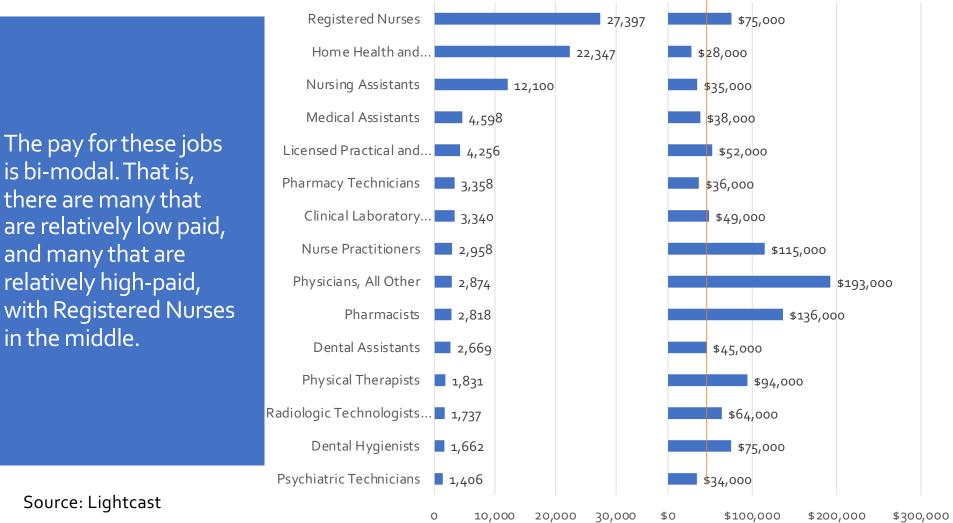
Source: MARC

-2,000 0 2,000 4,0

2,000 4,000 6,000 8,000

KC Health Care Jobs, 2023

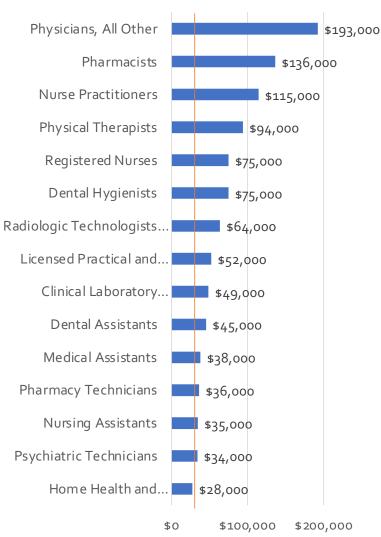




KC Health Care Jobs, 2023

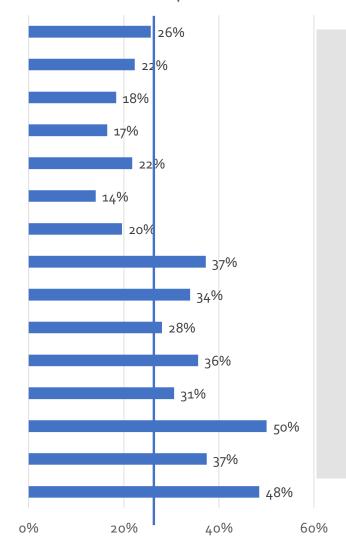
Median Annual Earnings

Health care occupations often provide an entry point for people of color into a career with the potential to pay. However, they remain under-represented in those higher paying occupations and overrepresented in the lower-paid ones.



Median Annual Earnings

Percent People of Color



Lightcast also provides analysis of job postings. Over the past year, then number of postings in the health care sector exceeds what would be expected from a city our size, based on national averages.

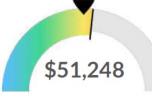
Executive Summary

Aggressive Hiring Competition Over an Average Supply of Regional Talent



Supply (Jobs)

Kansas City, MO-KS is about average for this kind of talent. The national average for an area this size is 120,071* employees, while there are 121,114 here.



Compensation

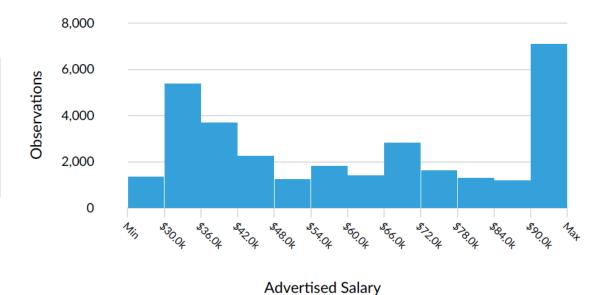
The cost for talent is about average in Kansas City, MO-KS. The national median salary for your occupations is \$48,616, while you'll pay \$51,248 here.



Demand (Job Postings)

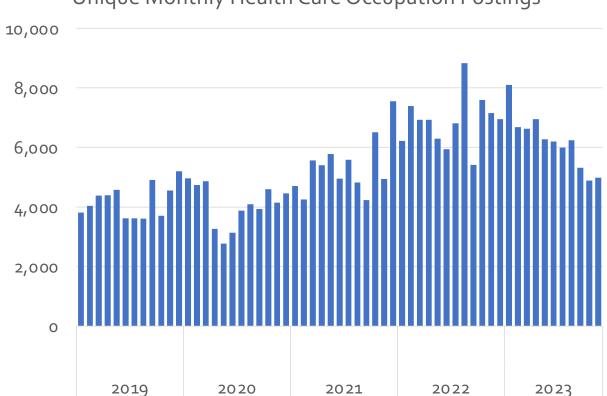
Competition from online job postings is high in Kansas City, MO-KS. The national average for an area this size is 4,280* job postings/mo, while there are 6,267 here.

Only 37% of postings have salary information. Nonetheless, the postings reflect the bimodal nature of the industry.



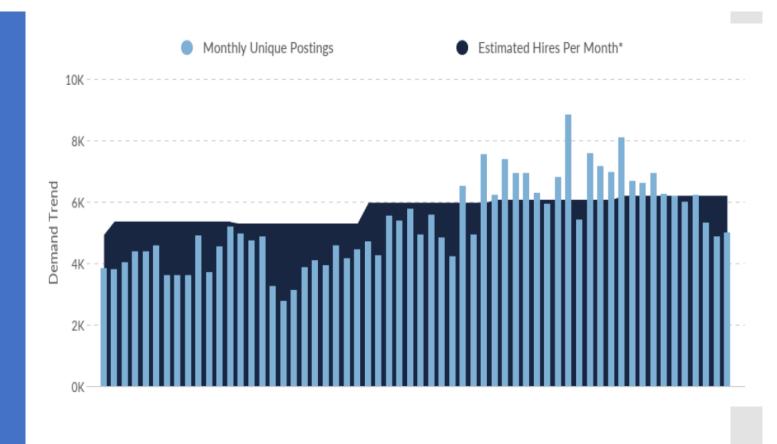
Salary of Health Care Occupation Job Postings December 2022 – November 2023

Job postings in the health care sector reached their peak in late 2022 and have been trending down since then.



Unique Monthly Health Care Occupation Postings

Beginning in late 2021, postings began to exceed hires. That has reversed in recent months, as has the duration of the postings, from 28 days to 18 days.



Job Title Trends in Job Postings by Quarter

The chart below captures the postings trend for the top 15 job titles posted for based on your filters.

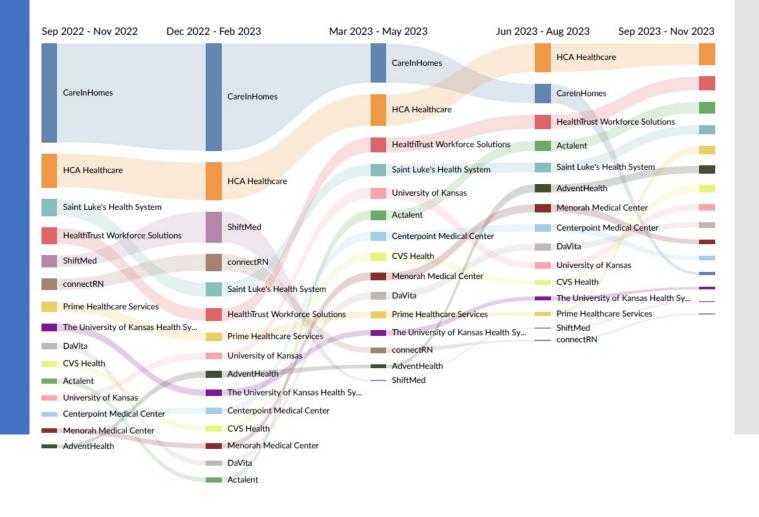
Sep 2022 - Nov 2022 Dec 2022 - Feb 2023 Mar 2023 - May 2023 Jun 2023 - Aug 2023 Sep 2023 - Nov 2023 Registered Nurses Registered Nurses **Registered Nurses Registered Nurses** Licensed Practical Nurses Licensed Practical Nurses Caregivers Caregivers Medical Assistants Caregivers Licensed Practical Nurses Licensed Practical Nurses Caregivers Medical Assistants **Care Caregivers** Dental Assistants Certified Nursing Assistants Certified Nursing Assistants Pharmacy Technicians Certified Nursing Assistants Physical Therapists **Care Caregivers** Pharmacy Technicians Medical Assistants Pharmacy Technicians Physical Therapists Medical Assistants Certified Nursing Assistants **Dental Assistants** Speech Language Pathologists Pharmacy Technicians Medical Surgical Registered Nurses Medical Surgical Registered Nurses Emergency Department Registered. Medical Surgical Registered Nurses Telemetry Registered Nurses Medical Surgical Registered Nurses Telemetry Registered Nurses **ICU Registered Nurses ICU Registered Nurses** Telemetry Registered Nurses Speech Language Pathologists **Physical Therapists ICU** Registered Nurses **Dental Assistants** Patient Care Technicians Patient Care Technicians Speech Language Pathologists Speech Language Pathologists ICU Registered Nurses Care Caregivers Physical Therapists Care Caregivers Dental Assistants Emergency Department Registered... Patient Care Technicians **Telemetry Registered Nurses** Emergency Department Registered. Emergency Department Registered... Patient Care Technicians

The kinds of jobs being sought by employers have changed over the past year, especially for "care givers" (or "caregivers").

Company Trends in Job Postings by Quarter

The chart below captures the postings trend for the top 15 companies posted for based on your filters.

This reflects which companies are doing the posting. Currently, temporary help firms are the second and third largest posters.



Conclusion

- Workforce is THE constraint on economic growth moving forward
- Without foreign-born workers, US labor force would not have grown beyond pre-pandemic levels.
- Labor shortages will continue to put upward pressure on wages, which will make the Fed cautious about lowering interest rates.
- To pay for higher wages and increase economic growth, investment to raise the productivity of the current workforce will be paramount going forward.
- This is also key to improving the value of KC's production and its ability to expand into new markets in the larger economy with innovative products and services that command a premium.
- Low cost is no longer enough. We must become a high-value place to produce as well.
- That requires innovation, which in turn depends on capital human, physical (space, buildings), financial and how we invest it.

Greater Kansas City Chamber of Commerce

2024 Economic Forecast

December 7, 2023

Frank Lenk Director of Research Services Mid-America Regional Council flenk@marc.org