REGIONAL ECONOMIC SNAPSHOT

EMPOWERINGAMERICAN CITIES



In our base-case scenario, we expect solid but slowing growth in 2024 with a mild recession starting late in the year, as Federal Reserve rate hikes continue to ripple through financial conditions and pricing pressures cool the national economy.

Most of the microeconomies in the United States are expected to see somewhat slower rates of growth than in the previous year, which is reflected in our projections for Extended Metropolitan Areas. Despite weaker growth, the data indicate that nearly every one of the 150 largest EMAs in the U.S. will expand in 2024. While we expect recessionary conditions by the end of the year, varied economic fortunes indicate the slowdown will be experienced unevenly. Cities with a large manufacturing base as well as those that have benefited from the recent housing boom are expected to be among the hardest hit as high interest rates take their toll on interest-sensitive spending sectors.

On the supply side of the U.S. economy, job creation is expected to slow. Some sectors, most notably Manufacturing, will experience job loss, while Education and Health will continue their upward trajectory, al-

U.S. Supply Side (Employment)

U.S. Demand Side (Consumption)

The color spectrum indicates a distribution that ranges from negative (red) to positive (green), with zero set to yellow. The barometers reflect each indicator's historical distribution.

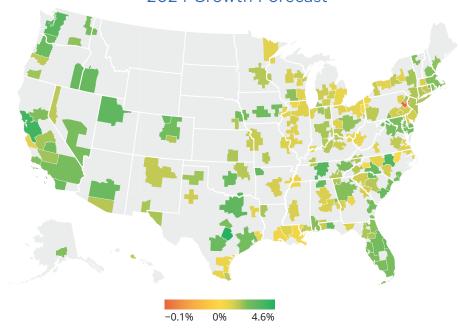
beit at a somewhat slower pace. The employment slowdown will continue to weigh on overall wage growth, ultimately lessening price pressures, although inflation is likely to remain somewhat above target during the next 12 months.

On the demand side, high interest rates, elevated inflation, and slowing job and wage growth will dampen consumer spending. Housing shortages have kept home prices aloft, and the combination of high interest rates and home prices are undercutting home affordability and housing activity. Mitigating factors, however, should limit the damage. Modest overall job gains – with significant variation across sectors and EMAS – imply that most households will re-

tain spending power. While unprecedented levels of savings have been drawn down, household and business balance sheets remain healthy in aggregate, but a significant and growing minority of consumers are exhibiting signs of financial stress.

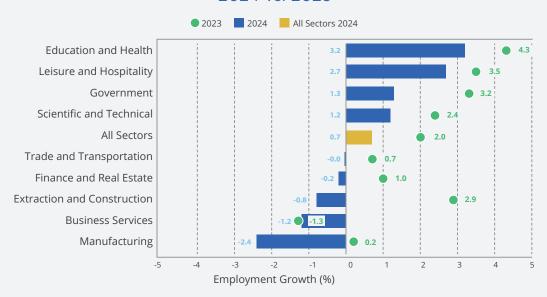
All of these and other factors are expected to yield a mild and short-lived downturn for the U.S. beginning in Q4, which will likely increase disparities in growth dynamics across EMAs. In addition to our base case of a slowdown turning into recessionary conditions, there is a significant, yet less likely, "soft landing" scenario in which the economy continues to power through headwinds with U.S. consumers fueling a solid expansion.

EMA Economic Performance 2024 Growth Forecast



The map illustrates the divergence in economic growth among EMAs. All but one of our EMAs are anticipated to grow in 2024, many will experience solid growth, and the one microeconomy projected to contract will do so by only the slightest margin. The areas experiencing the fastest recent growth - often beneficiaries of innovation and migration - are likely to continue to outpace the rest of the country. These EMAs have built up reserves of capital in the form of skilled labor, technological infrastructure and other investments, which will limit the downturn in demand. Meanwhile, cities that rely on sectors expected to be most affected by the slowdown and eventual recession, such as Manufacturing, will underperform. Areas where labor constraints and housing trends are centrally important to the economy will likely be hampered by stubbornly elevated home prices and interest rates.

U.S. Employment Growth by Sector

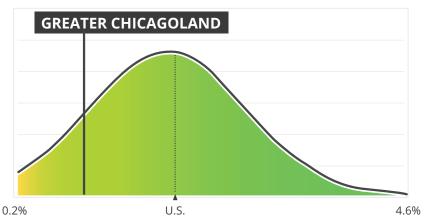


- The pace of hiring in 2024 is expected to slow across the U.S. in all major sectors, with employment contracting in several sectors and net job growth of only 0.7% for the year.
- The Extraction and Construction sector is expected to experience the biggest slowdown, swinging from healthy growth to contraction as high interest rates create drag on construction in particular.
- We expect a modest slowdown in Leisure and Hospitality, though there is higher-than-usual uncertainty in this prediction because of pent-up demand from the pandemic years.

GREATER CHICAGOLAND

Extended Metropolitan Area*

2024 GDP GrowthDistribution of 50 Largest EMAs

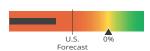


- Greater Chicagoland is projected to experience a very modest increase in overall economic activity in 2024.
- Compared with other large EMAs, Chicago is in the bottom quintile, with projected GDP growth below the national average.

Supply Side (Employment)

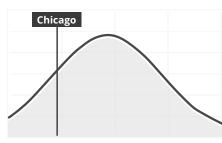
U.S. Forecast

Demand Side (Consumption)



■ The Chicago EMA has middling supply-side characteristics, with limited expected job creation, and soft overall demand, as reflected in sluggish housing activity.

Embedded Local Growth Characteristics



Embedded Local Growth
Characteristics refers to the EMA's
industry and demographic makeup
and the potential economic growth that
these attributes generate. EMAs with a
combination of a highly skilled workforce and productive industry mix tend
to be situated at the distribution's high
end and generate faster growth.

Greater Chicagoland's sectoral mix (illustrated on Page 4), demographic balance and migration patterns indicate modest potential growth.

Key Takeaways

- The U.S. economy's projected slowdown in 2024 poses challenges for Chicago's Manufacturing, Business Services, and Trade and Transportation sectors, yet the area's world-class civic amenities and infrastructure ensure its perennial status as a magnet for people and commerce.
- As science and technology industries expand in the area, there are opportunities for investing in the Chicago EMA's Information sector, which is somewhat smaller and less productive than the other large EMAs.
- Investments in residential developments would help to alleviate home price burdens and enhance Chicago's edge over its regional competitors for young talent.

Outlook



Chicago's economic landscape is a dynamic blend of opportunities and challenges. We are considered one of the nation's more affordable

world-class cities; our cultural amenities, infrastructure and academic institutions are alluring to talent, entrepreneurs and businesses. Yet, we face pressing concerns with barriers to homeownership and the expected slowdown in manufacturing. The public and private sectors can work together to bridge the skills gap while addressing the cost and shortage of housing.

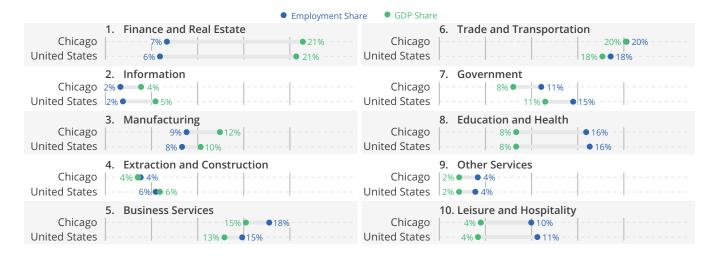
Mark Heckler, Regional President, Chicago

^{*} Counties included in analysis: Illinois: Bureau, Cook, DeKalb, DuPage, Grundy, Kane, Kankakee, Kendall, Lake, LaSalle, McHenry, Putnam, Will. Indiana: Jasper, Lake, LaPorte, Newton, Porter. Wisconsin: Kenosha.

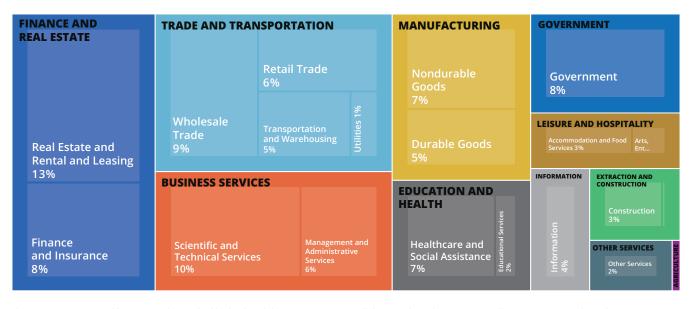
Challenges and Opportunities

- **Challenge:** Nearly half of the Chicago EMA's workforce is accounted for by the Manufacturing, Business Services, and Trade and Transportation sectors employment in each is expected to contract in 2024.
- **Opportunity:** Public and private sector actors have opportunities to leverage the area's network of universities and community colleges to train and upskill workers to meet shifting industry demands.
- Challenge: Chicago holds a large surplus of underused commercial property, which erodes the tax base, inflates housing prices and exposes the financial sector to systemic risk.
- **Opportunity:** Home to the second most Fortune 500 headquarters of any U.S. city, Chicago stands to reap the benefits of its excellent civic infrastructure and talent pool, borne out in major investments that could revitalize commercial infrastructure.

How Productive Are Chicago's Industries? Sector Employment and GDP Shares Ranked by U.S. Labor Productivity



Chicago Sector GDP Share



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