

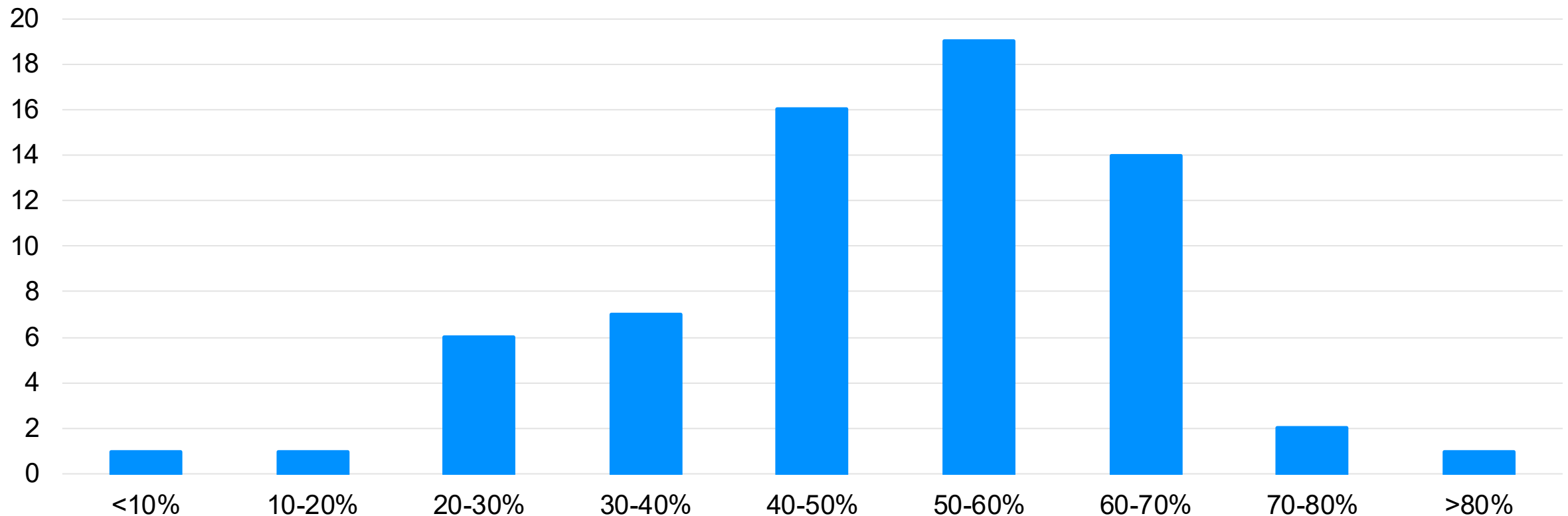
The Autumn Economy

Adam Kamins
Senior Director

October 21, 2022

No Consensus Yet About Odds of a Downturn

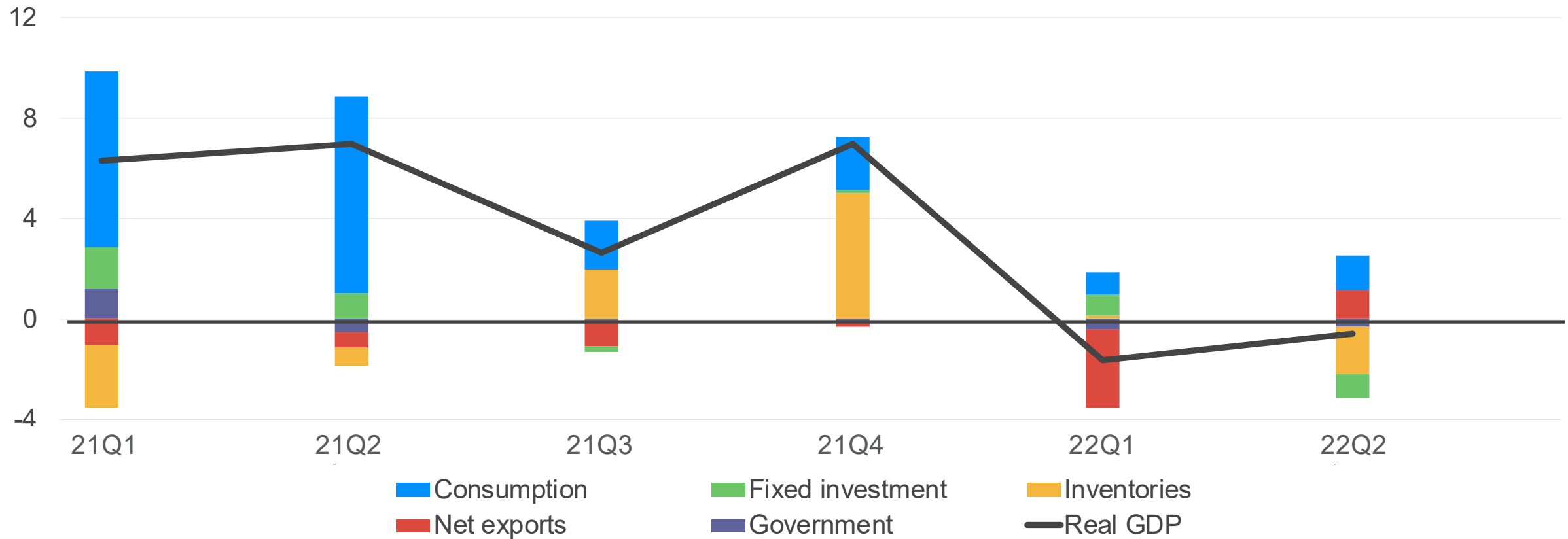
Moody's Analytics economists' subjective probability of a U.S. recession in 12 mo, Sep 2022



Source: Moody's Analytics

Two Straight Quarters of Declining GDP Indicate a Technical Recession...

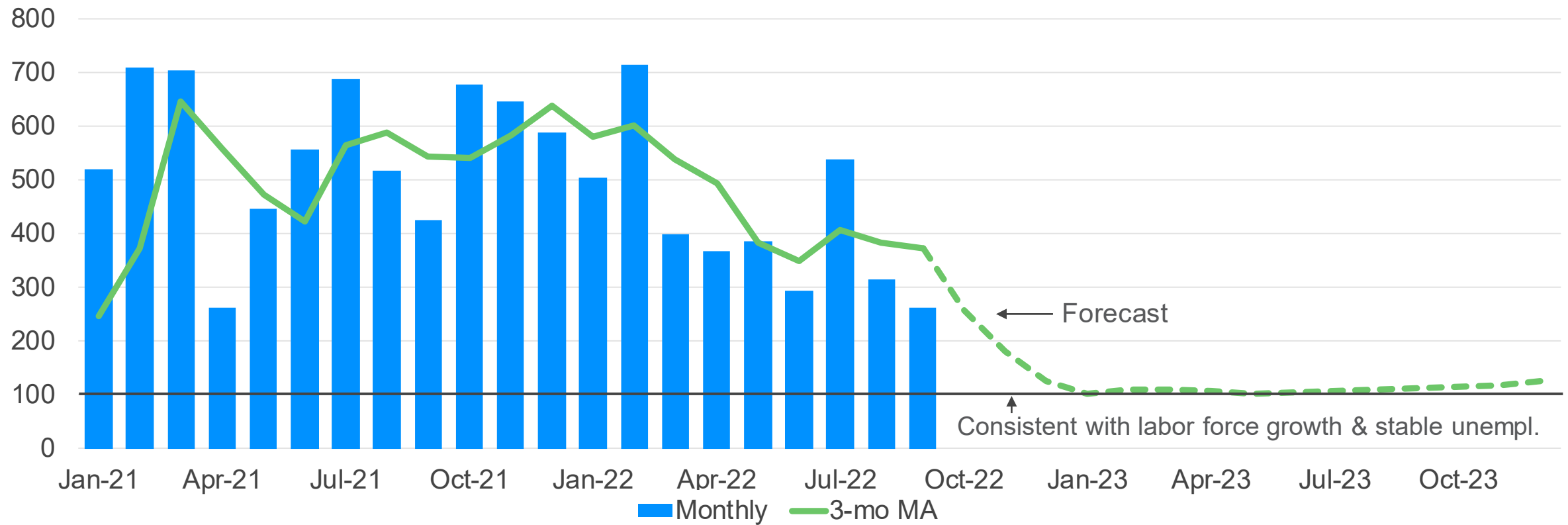
Real GDP, % annualized growth



Sources: BEA, Moody's Analytics

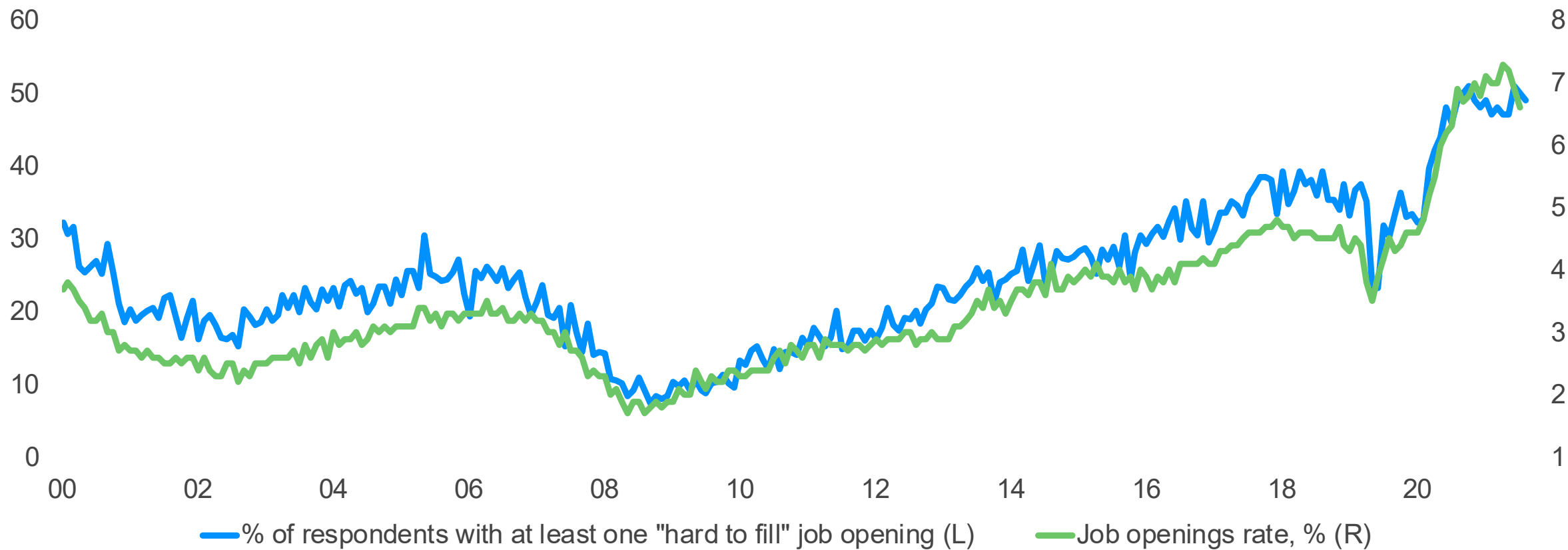
...But U.S. Job Growth Is Still Going Strong

Nonfarm employment, change, ths



Sources: BLS, Moody's Analytics

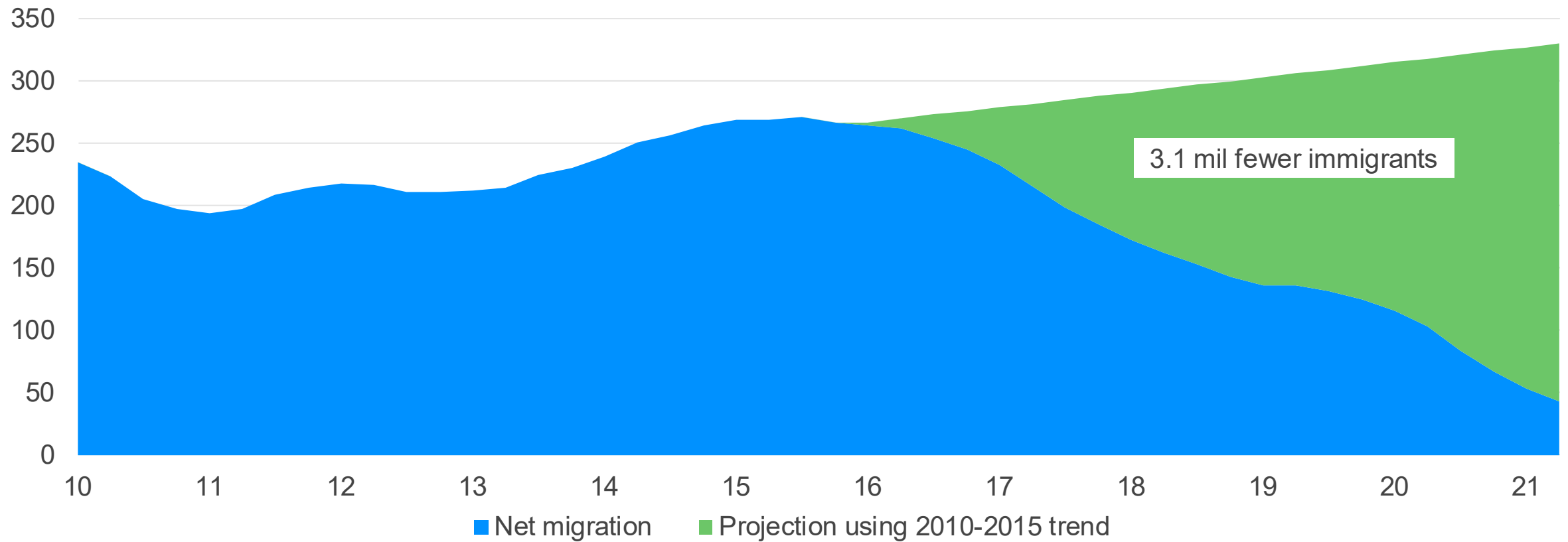
Firms Are Struggling to Find Workers...



Sources: NFIB, BLS, Moody's Analytics

...And It Is Not Purely a Cyclical Phenomenon

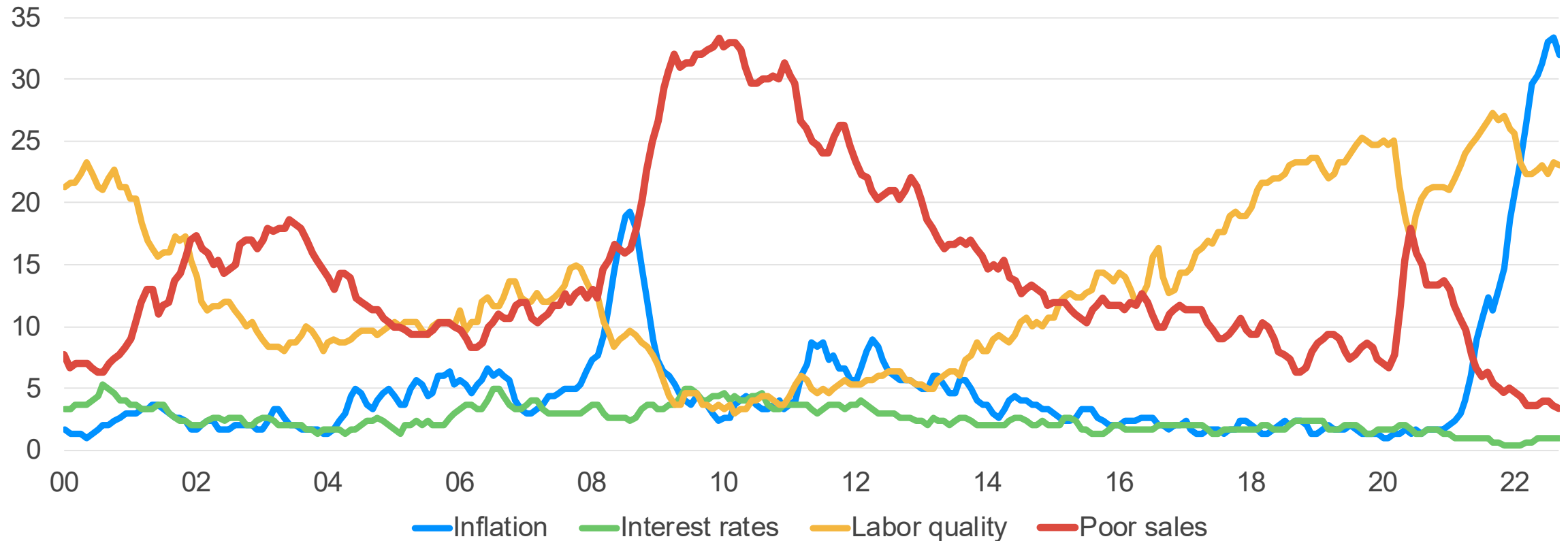
Net international migration, ths



Sources: BLS, Moody's Analytics

Employers See Rising Costs as a Major Problem...

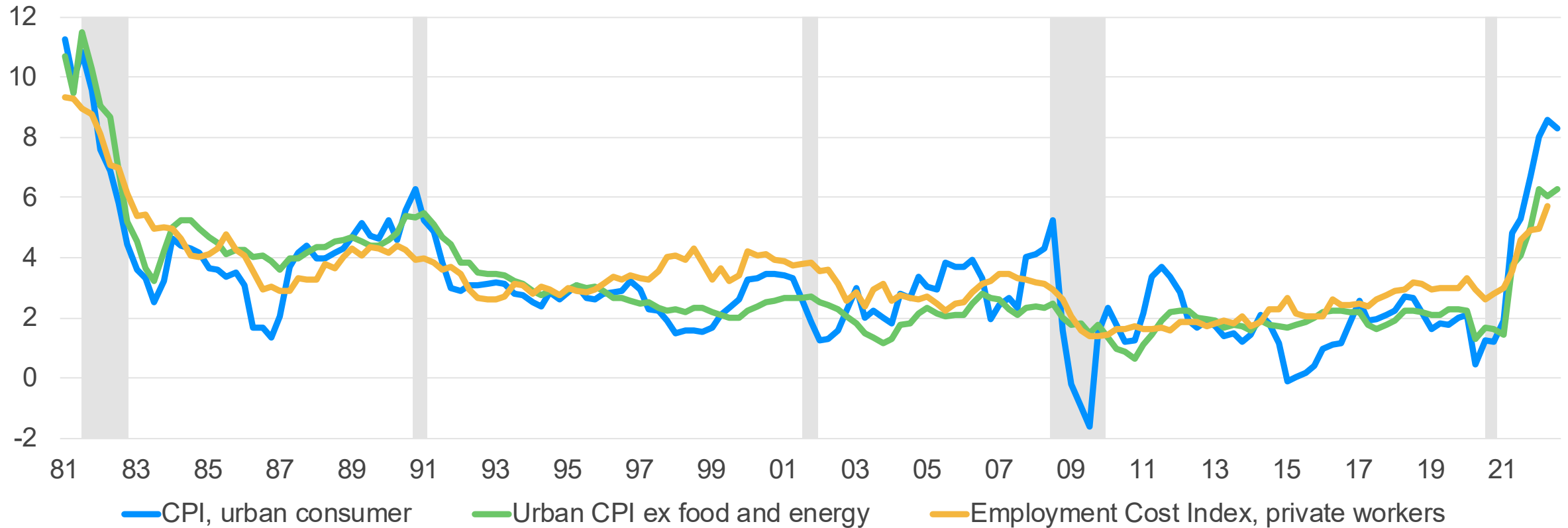
Net % of businesses reporting their primary concern is..., 3-mo MA



Sources: NFIB, Moody's Analytics

...Exacerbated by Wage Gains Failing to Keep Up With Inflation

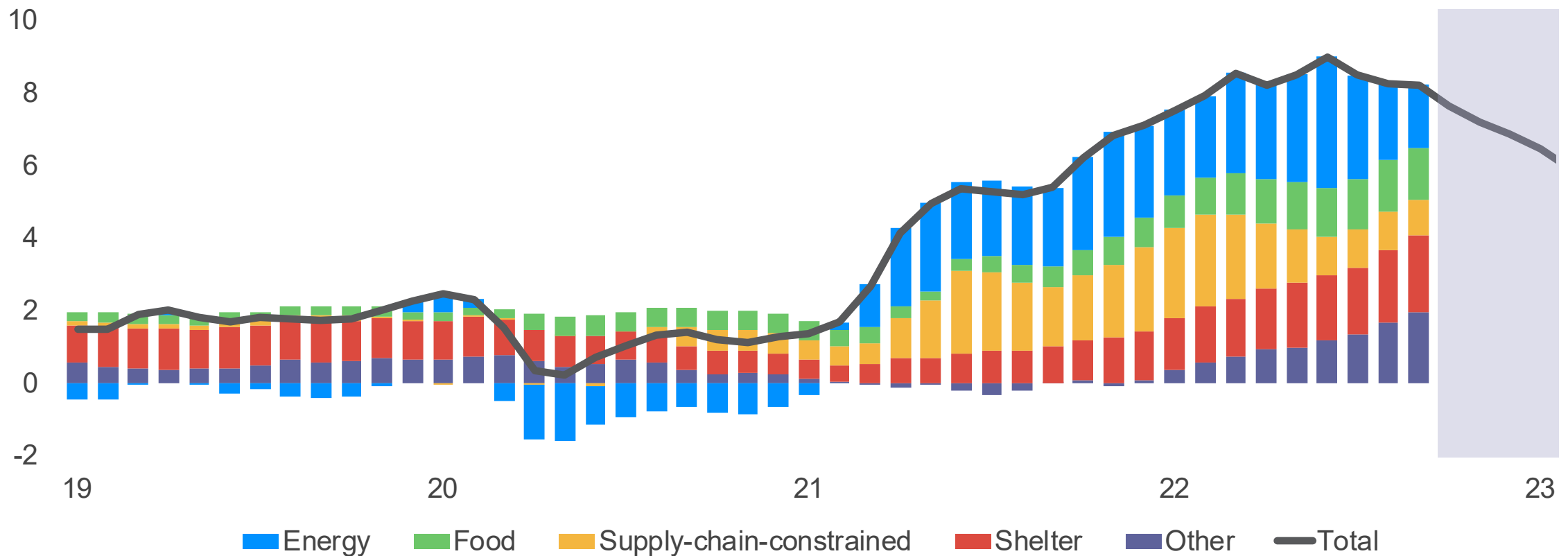
Quarterly avg, % change yr ago



Sources: BEA, BLS, Moody's Analytics

Price Growth Remains Stubbornly High

Contribution to yr-ago growth in U.S. CPI, ppt



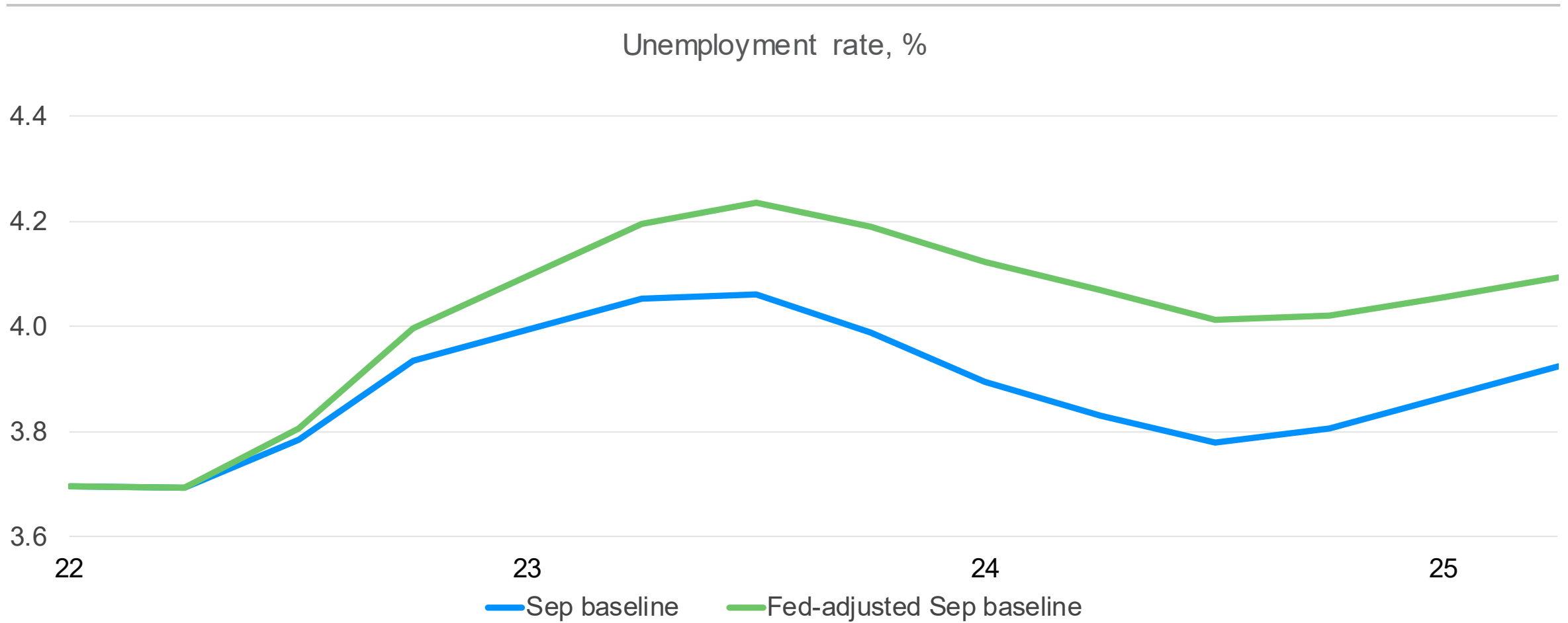
Sources: Federal Reserve, Moody's Analytics

Fed Has Reined In Inflation Expectations...



Sources: Federal Reserve, ICE, Moody's Analytics

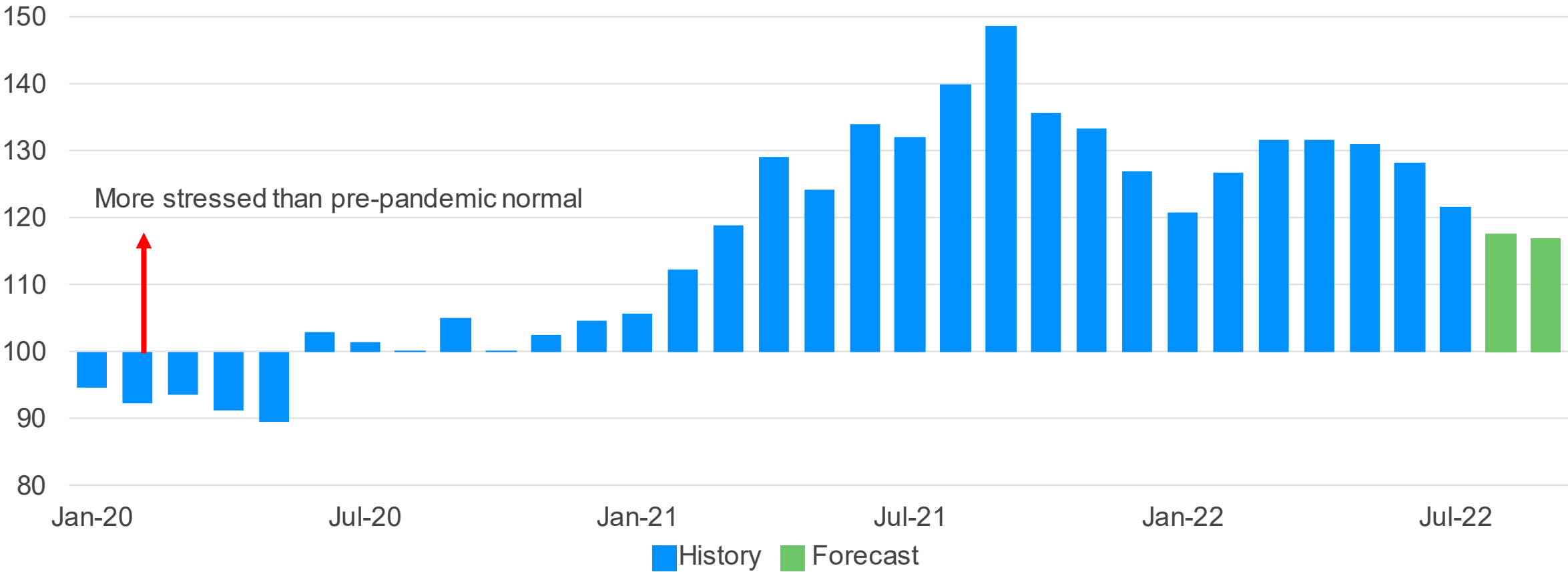
...But Workers Will Soon Pay the Price



Sources: BLS, Moody's Analytics

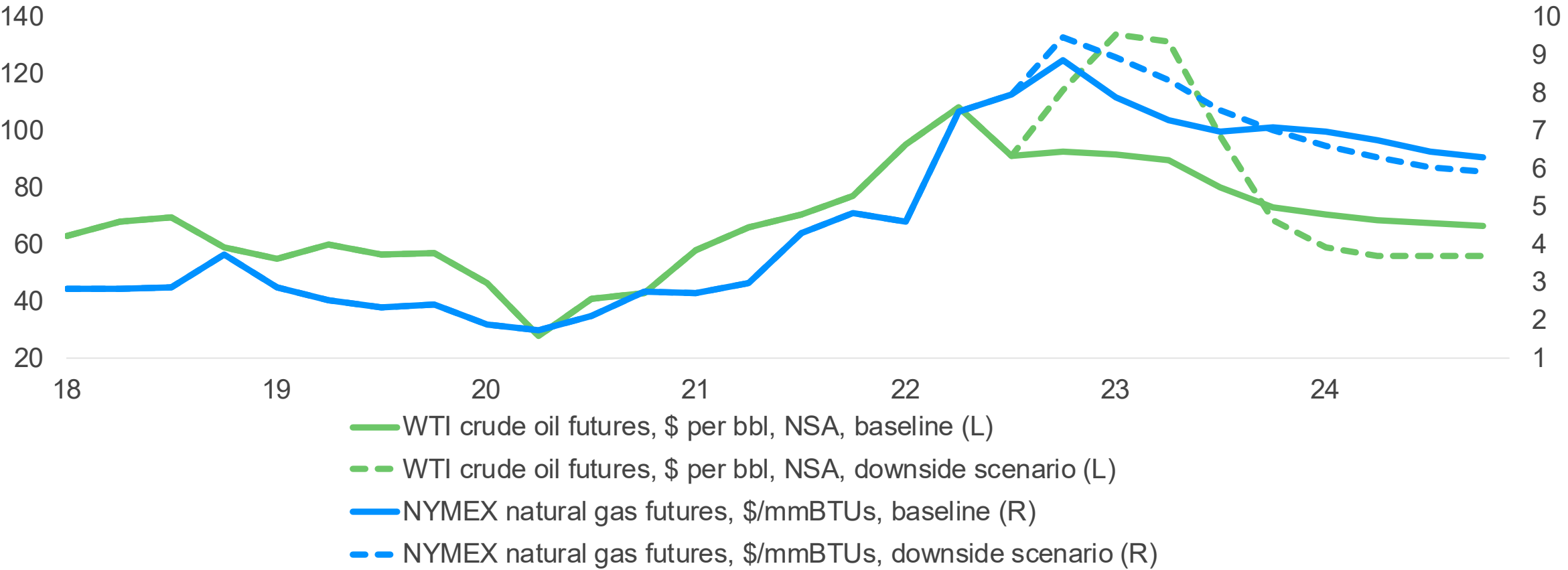
Bottlenecks Are Finally Easing

U.S. Supply-Chain Stress Index, 2019Q4=100



Sources: Multiple sources, Moody's Analytics

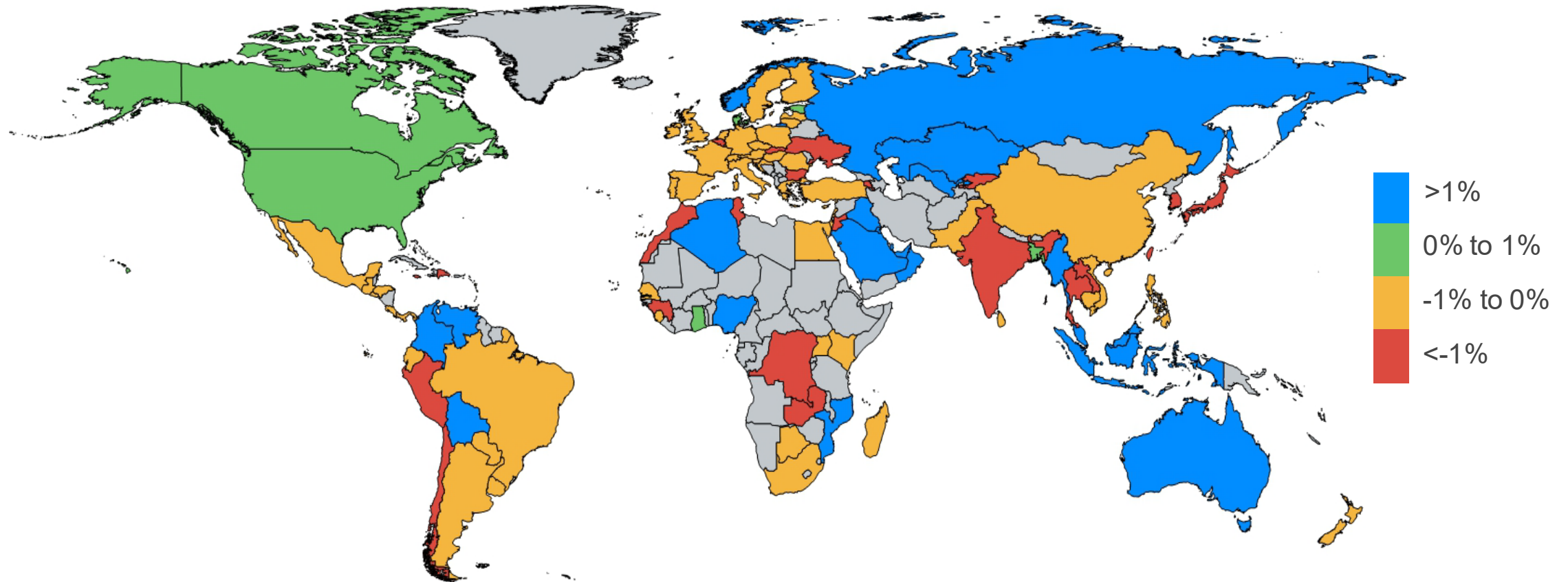
Energy Prices Face Uncertain Near-Term Outlook



Sources: EIA, Moody's Analytics

U.S. Benefits Slightly From Spiking Commodity Prices

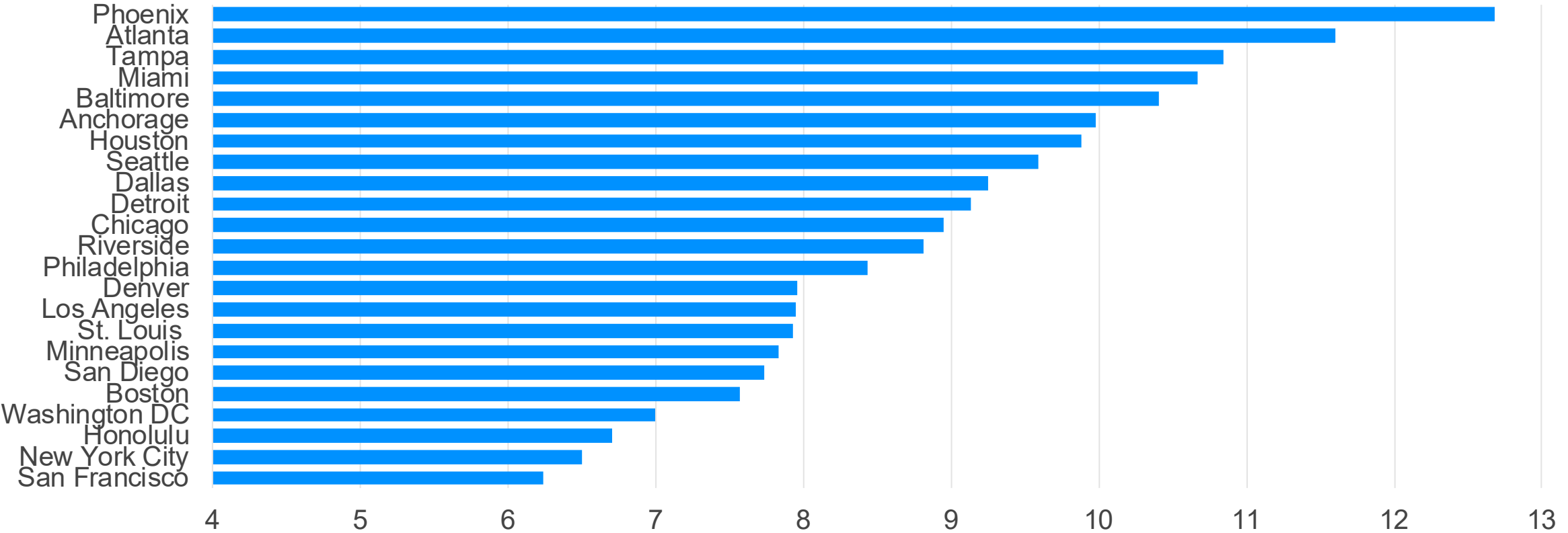
Impact of commodity terms-of-trade shock, % of GDP, Jan 2022-Aug 2022



Sources: World Bank Pink Sheet, UNCTAD Merchandise Trade Matrix, Moody's Analytics

Strong Recoveries Mean More Pronounced Price Pressures in the Sun Belt

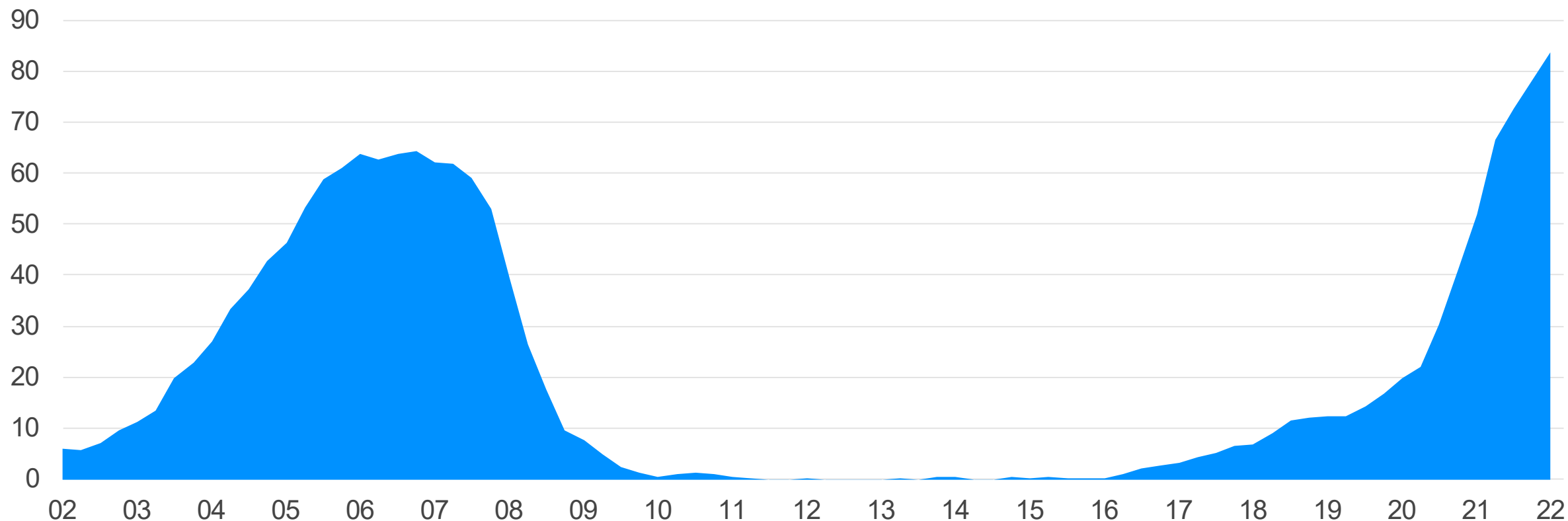
CPI, 4-mo MA, Sep 2022, % change yr ago



Sources: BLS, Moody's Analytics

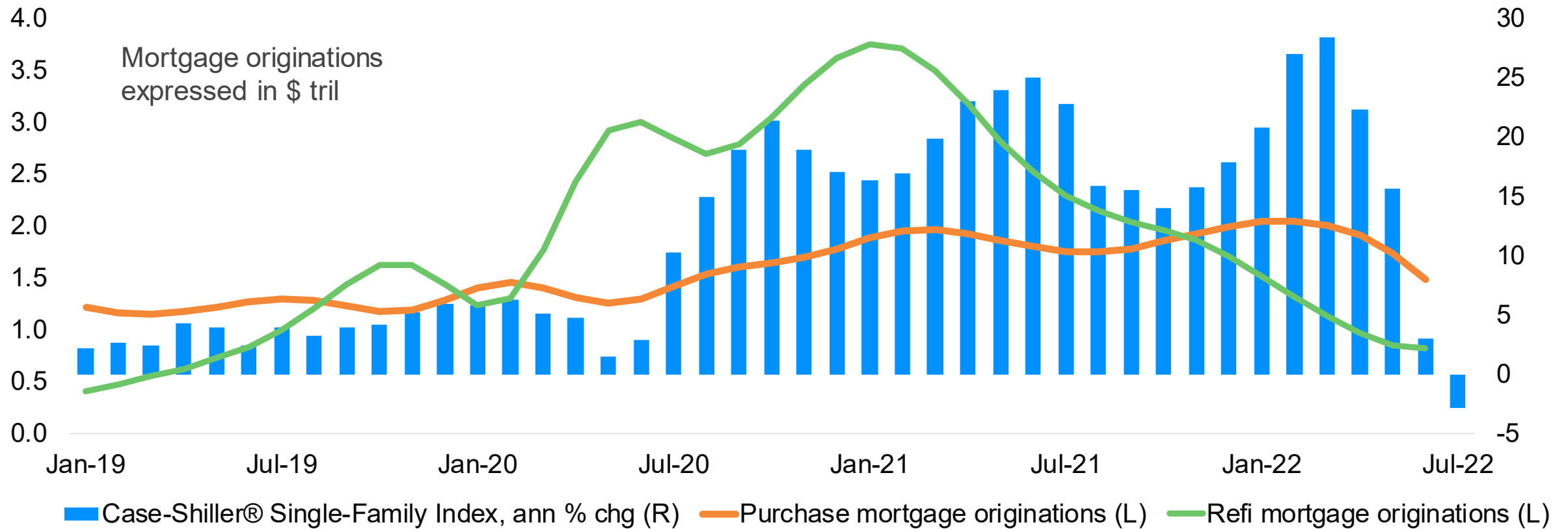
More Housing Markets Are Overvalued Than During Bubble...

Share of metro areas that are overvalued, %



Source: Moody's Analytics

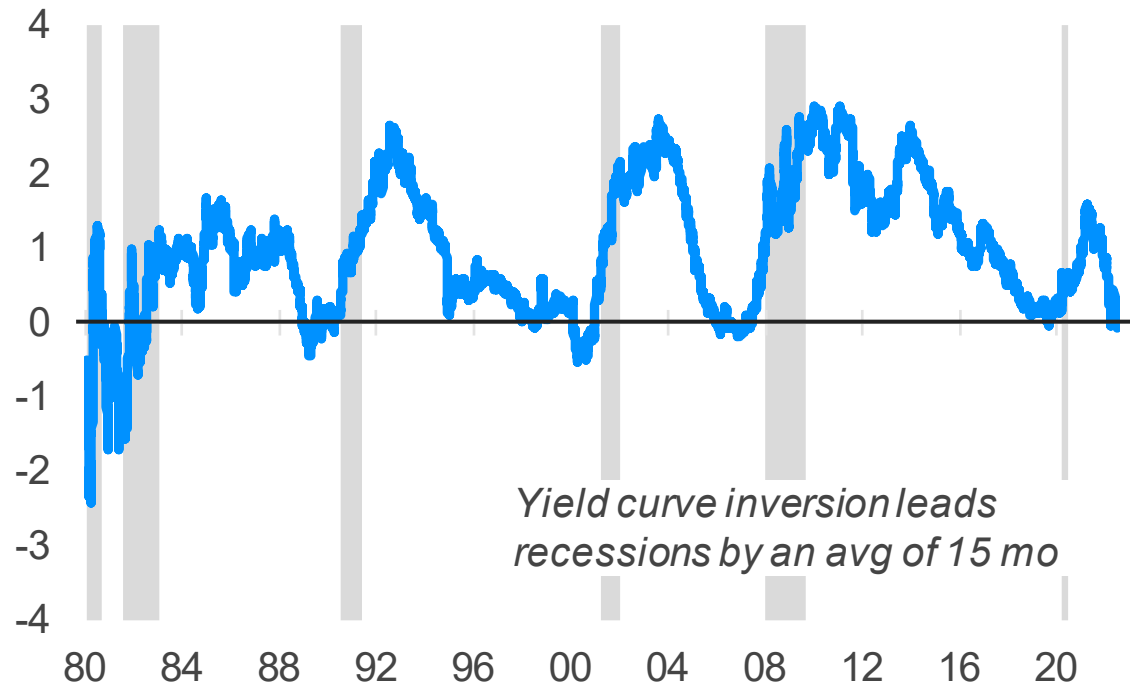
...And the Correction Is Already Underway



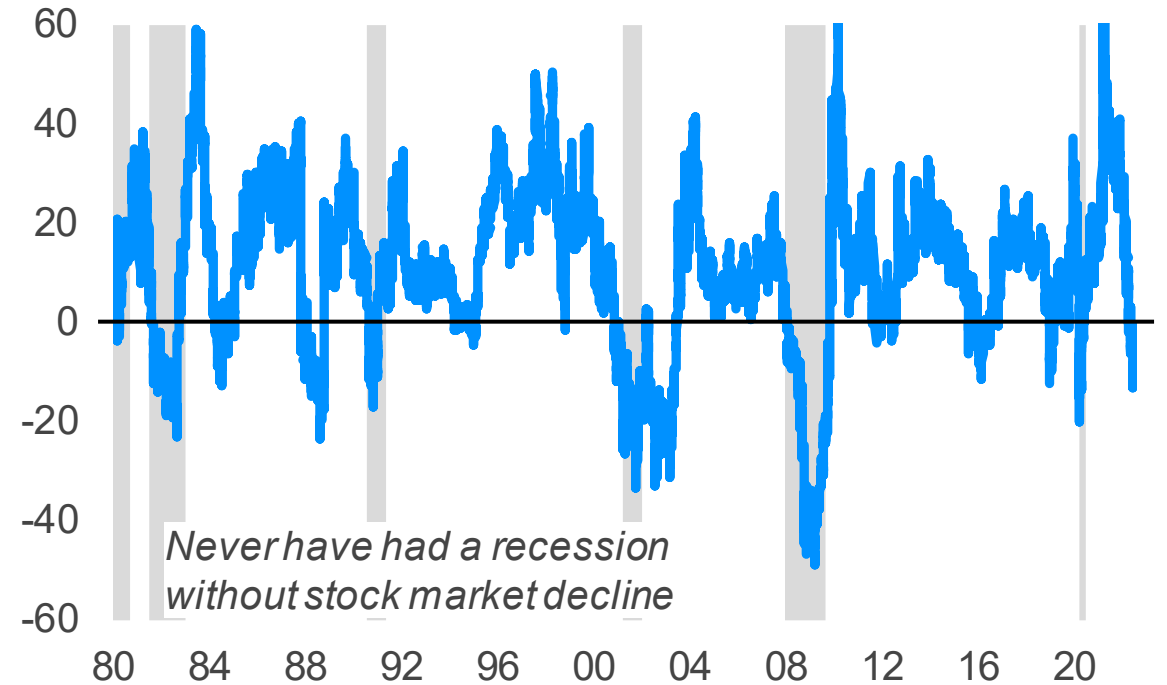
Sources: CoreLogic, Mortgage Bankers Association ,Moody's Analytics

Financial Markets Send Up Red Flags

Difference between 10-yr Treasury and 2-yr Treasury yield, ppt



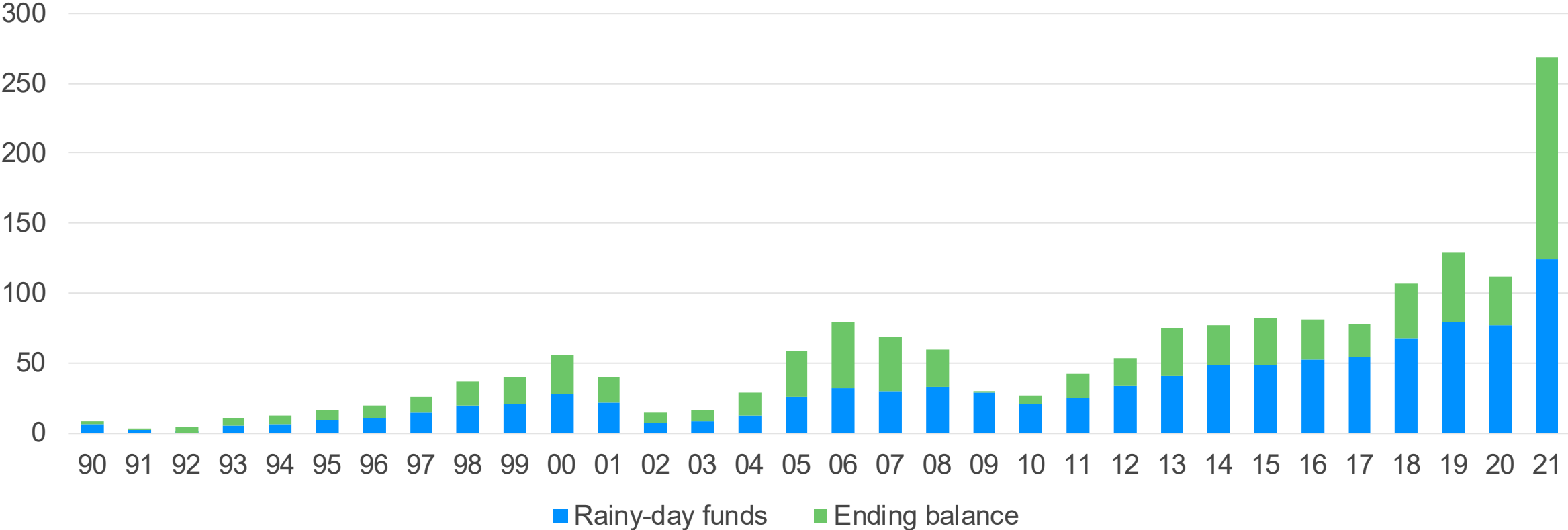
S&P 500, % change yr ago



Sources: Federal Reserve, S&P, Moody's Analytics

States Are Well-Prepared for a Downturn

Sum of state cash balances, \$ bil



Sources: NASBO, Moody's Analytics

Data Start to Align More Closely With Expectations

Citi U.S. Economic Surprise Index



Sources: Citi, Bloomberg LP, Moody's Analytics

Q&A

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