### Economic Rebound Despite Lingering Disruptions

Nate Kauffman, Federal Reserve Bank of Kansas City November 5, 2021





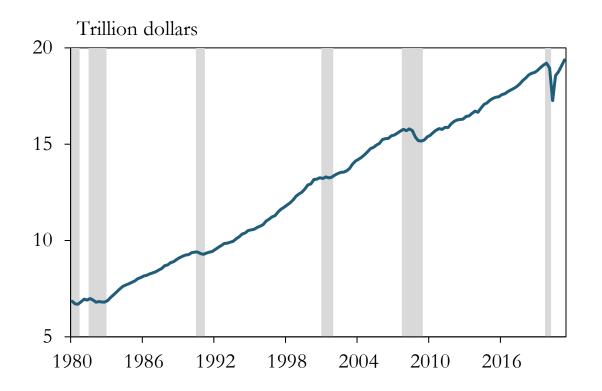
### **Outlook Themes**

- Economic activity has rebounded from the depths of a year ago.
- The recovery, though uneven, has occurred amid significant disruption and uncertainty.
- The pandemic, along with labor shortages, supply chain disruptions and inflationary pressures continue to shape the outlook.

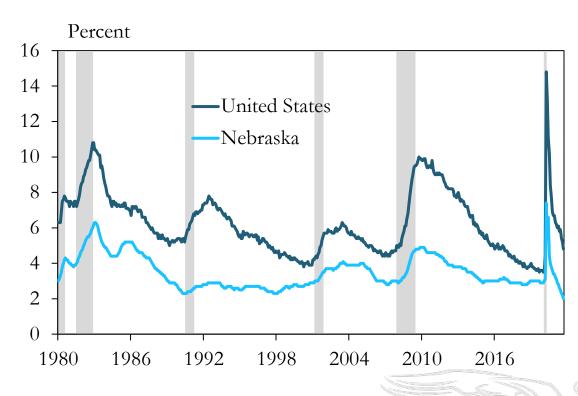


### After contracting sharply a year ago, economic activity has rebounded.

U.S. Real GDP



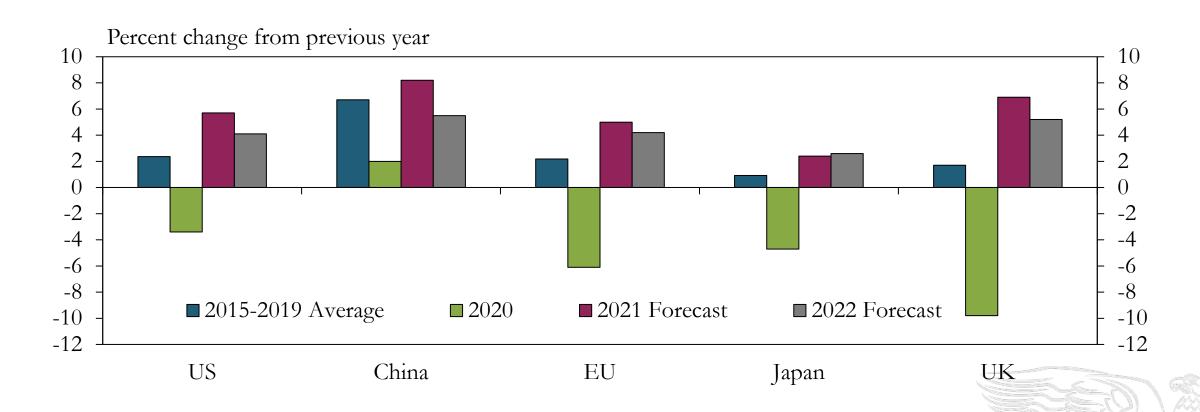
#### Unemployment Rate



**Sources:** BEA, BLS and Haver Analytics.

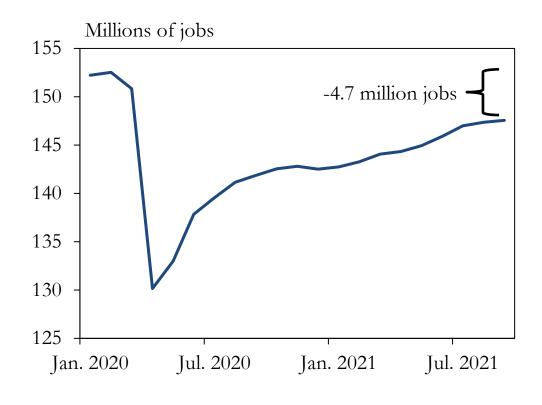
### Globally, economic growth is poised to be relatively strong in 2021 and 2022.

#### Real GDP Growth

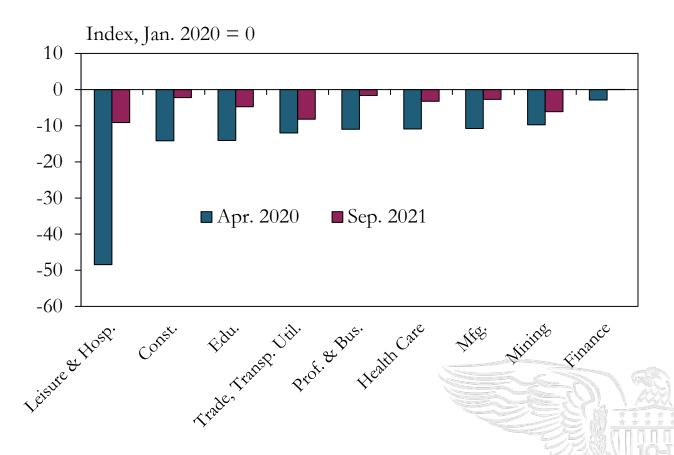


### Many jobs have returned, but several industries remain well below their pre-pandemic level of employment.

U.S. Employment



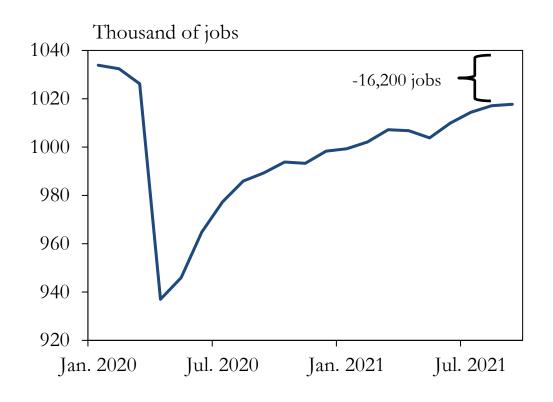
U.S. Employment by Industry



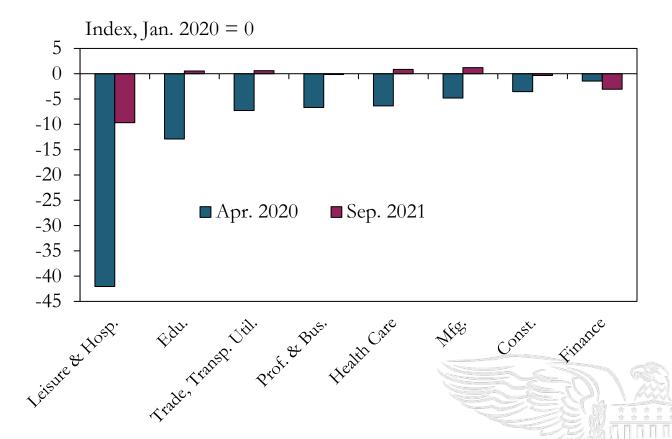
Sources: BLS, Haver Analytics.

### Employment in Nebraska has also recovered significantly.

#### Nebraska Employment



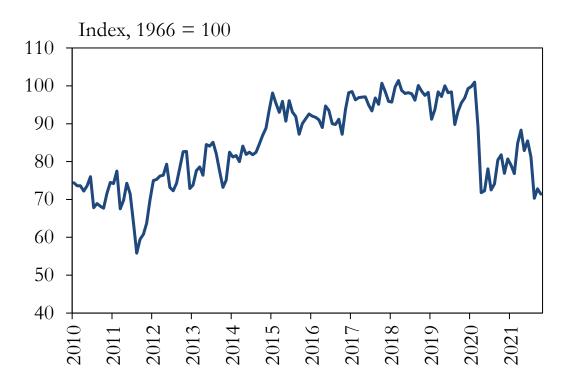
#### Nebraska Employment by Industry



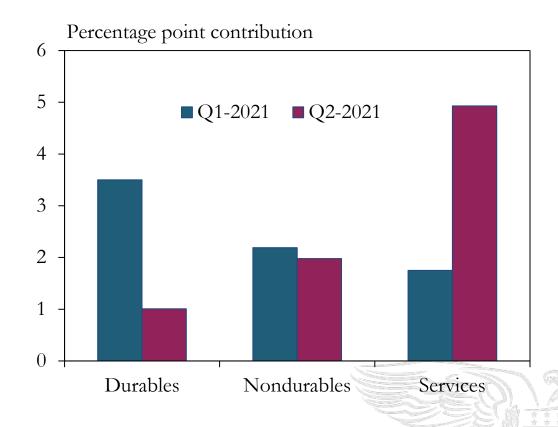
Sources: BLS, Haver Analytics.

## Consumer confidence improved in the first half of the year and household demand has remained strong.

Consumer Sentiment Index



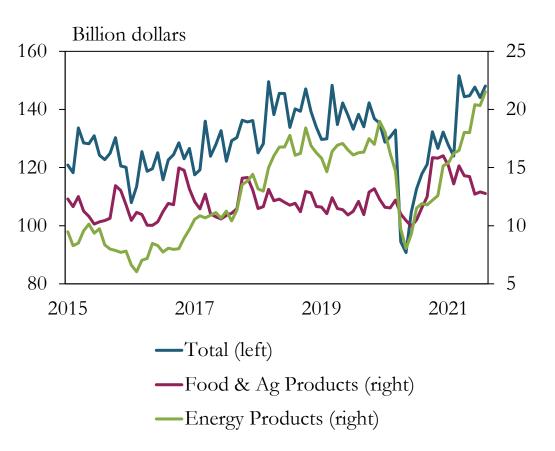
#### Contributions to GDP Growth



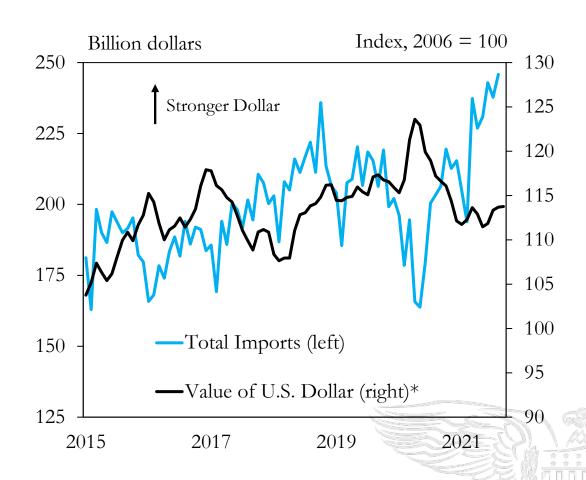
Sources: University of Michigan, BEA, Haver Analytics.

## Trade to and from the U.S. has also strengthened notably despite changes in the value of the dollar.

U.S. Exports



U.S. Imports & Value of Dollar

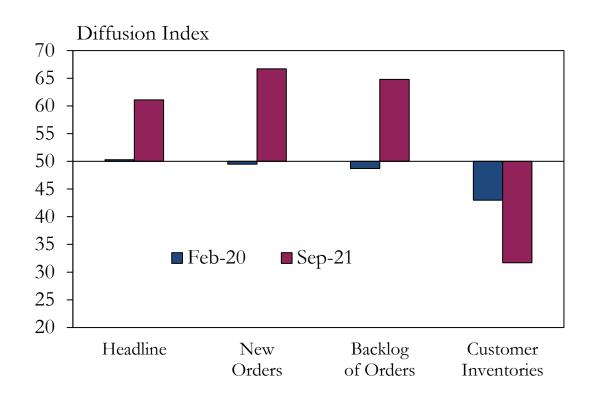


**Sources:** Wiser Trade, Haver Analytics, Federal Reserve Board of Governors.

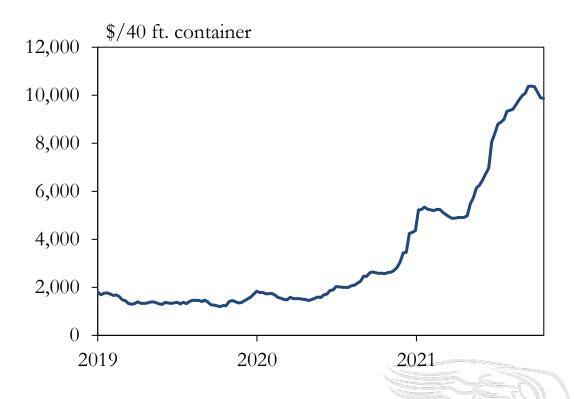
<sup>\*</sup> Real Broad Trade-Weighted U.S. Dollar Index

# Business investment has continued to expand despite concerns about supply chain disruptions and freight costs.

ISM Manufacturing Indices



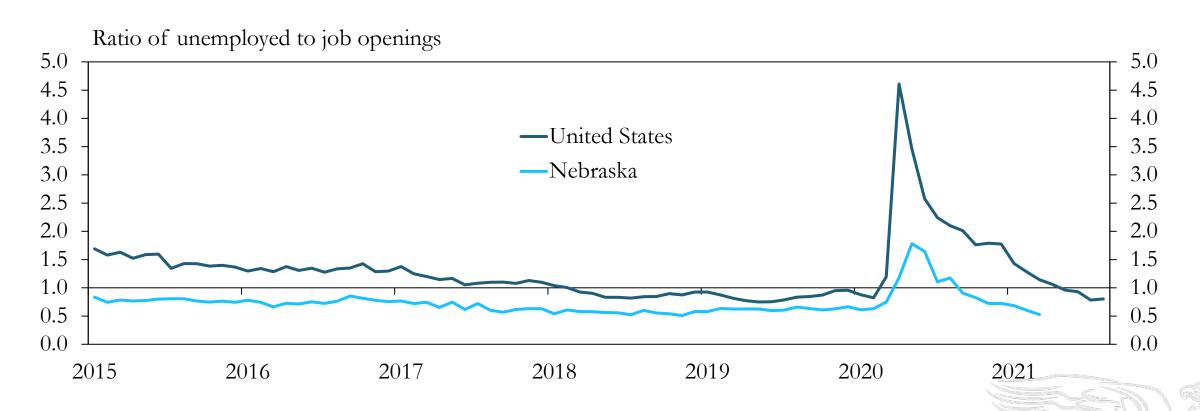
World Container Index



Sources: ISM, Haver Analytics, Drewry (Bloomberg).

## Business contacts have also pointed to challenges associated with labor shortages.

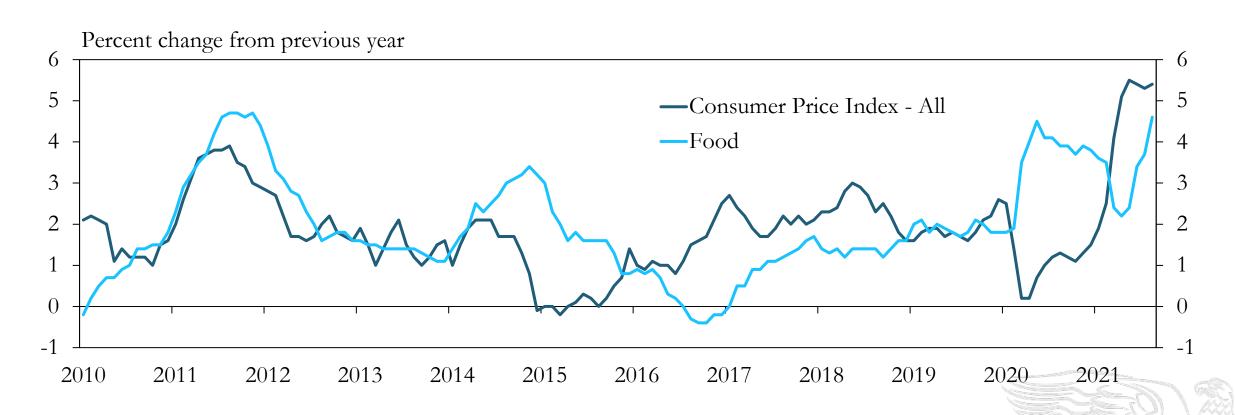
#### Worker Availability



**Note:** Worker availability is calculated by dividing the number of unemployed by the number job openings. **Sources:** BLS, Haver Analytics, staff calculations.

### Pandemic related disruptions, labor shortages, and reopenings have affected inflationary pressures.

#### Consumer Prices

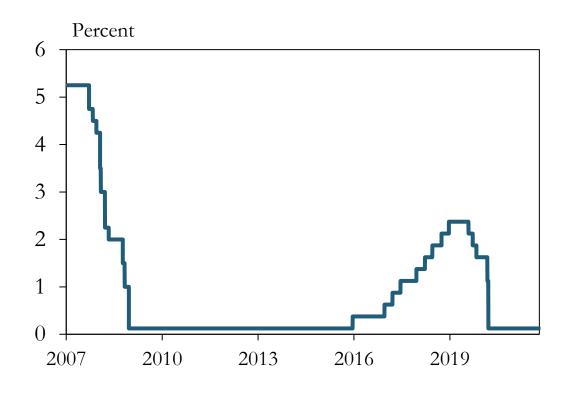


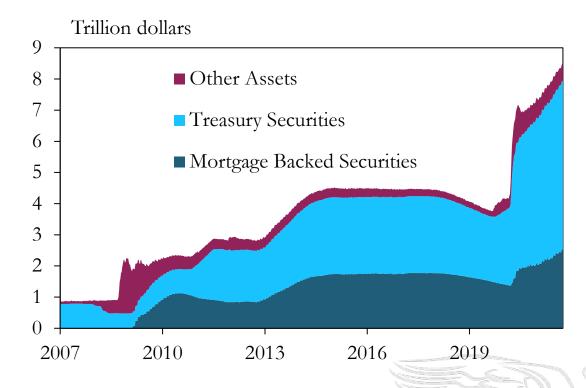
**Sources:** BLS, Haver Analytics.

## The Federal Reserve has provided extraordinary monetary policy accommodation to stimulate economic activity.

Federal Funds Rate

Federal Reserve Balance Sheet - Assets

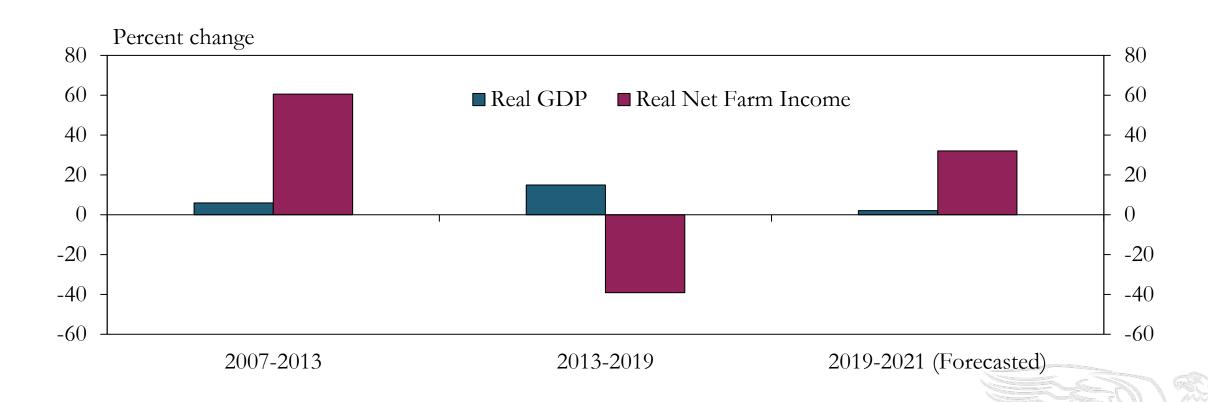




Source: Federal Reserve Bank of New York, Board of Governors, Federal Reserve Bank of St. Louis, and Haver Analytics.

# The pandemic has had broad and severe economic effects, but agriculture has been a surprising bright spot.

U.S. GDP and Farm Income



Sources: BEA, USDA, Wolters Kluwer, Haver Analytics.

### Concluding Thoughts

- Economic activity appears well positioned to strengthen further despite the presence of key risks.
  - Labor shortages
  - Supply chain disruptions
  - Inflation
- Many questions will remain about the persistence of structural changes, with implications for Federal Reserve policy.

