The Post-Pandemic (👉) Economy

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Real U.S. Gross Domestic Product Growth Rate

Source: U.S. Commerce Department, Bureau of Economic Analysis, NABE Projections
Figure 2: Gross domestic product (change since Q4 2019)
Cumulative growth rate (percentage), seasonally adjusted data

Q4 2019 to Q1 2022
China's industrial output dropped for the first time since March 2020

China's retail sales suffered a double-digit decline in April

Source: National Bureau of Statistics of China
FT Data: Andy Lin / @mendylin2
ADVANCED ECONOMIES

**Headline**
(3m/3m annualized; seasonally adjusted)

- United States
- Euro Area
- Advanced Economies ex. United States, Euro Area

EMERGING MARKETS

**Headline**
(3m/3m annualized; seasonally adjusted)

- China
- Emerging Asia ex. China
- Latin America ex. Argentina
- Other Emerging Markets ex. Turkey

Sources: Haver Analytics; and IMF staff calculations.
Year-over-year percent change in consumer price index (CPI)

January 2020 - April 2022

Source: BLS; EY-Parthenon
Month-over-month percent change in consumer price index (CPI)
January 2020 - April 2022

- Used cars
- Airfare, hotels & car rentals
- Energy
- Headline ex energy, used cars, rentals, airfare, & hotels
- Total

Source: BLS; EY-Parthenon
U.S. hotel occupancy and ADR recovery levels
Indexed to 2019, weeks ending 2 January 2021-21 May 2022

Source: STR. © 2022 CoStar Group
Which of the following is the primary reason that publicly traded oil producers are restraining growth despite high oil prices?

Percent of respondents

- Investor pressure to maintain capital discipline: 60%
- Other: 15%
- Environmental, social, and governance issues: 10%
- Lack of access to financing: 5%
- Government regulations: 5%

NOTE: Executives from 132 oil and gas firms answered this question during the survey collection period, March 9–17, 2022.

SOURCE: Federal Reserve Bank of Dallas.
Understanding 'Capital Discipline'

Exploration and Production Companies Were Wrecked by the 2014 and 2020 Oil Crashes

Graph created by @JosephPolitano using Yahoo! Finance data
MANHEIM USED VEHICLE VALUE INDEX
Mid-May 2022

Value


222.7

Cox Automotive  Manheim
Existing and new home sales
January 2000 - April 2022

Source: National Association of Realtors, Census Bureau, EY-Parthenon
Northwest Arkansas Number of Houses Sold

Source: Skyline Report, MLS Database
Benton, Madison and Washington County Number of Houses Sold

- Benton County
- Washington County
- NWA
- Madison County
Under Construction

Supply Chain Issues Have Meant that Many Housing Starts Haven't Been Finished

Graph created by @JosephPollano using Census data
Under Construction

The Number of Authorized Units that Haven't Broke Ground is at the Highest Level in Decades

- New Privately-Owned Housing Units Authorized but Not Started

Units, Thousands, Seasonally Adjusted Annual Rate

Graph created by @JosephPolitano using Census data
Lumber (USD/1000 board feet) 680.50  +13.20 (+1.98%)
Selected Cities in Washington County
Number of Starts in Active Subdivisions
No Vacancies

Vacancy Rates are at the Lowest Level in Decades

![Graph showing rental and homeowner vacancy rates from 2000 to 2020](image)

Graph created by @JosephPolitano using Census data
Selected Cities in Benton County
Complete, but Unoccupied Houses in Active Subdivisions
Aging of the population potentially accounts more than half of the participation rate “gap.”

The LFP rate is 1.6% percentage points lower than in Feb 2020.

But the age-adjusted Feb 2020 LFP rate is 0.9% percentage points lower.

More workers are unretiring
% of retired workers returning to work, Jan 2019 - Apr 2022
A decline in immigration has been adding to labor supply problems.

Working-Age Foreign-Born Population (million)

Source: CPS, staff calculations. Population aged 18-65
The care economy is behind in the recovery

Percent change in employment

Source: BLS, CEA
Arkansas New Business Applications

Source: U.S. Census Bureau
Questions and Comments?

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