

# Monthly Economic Indicators And Charts

September 2022

Richard F. Moody- Chief Economist  
Steve Pfitzer – Investor Relations



Information contained herein is based on data obtained from recognized sources believed to be reliable. This information has not been verified by us, and we do not make any representations about accuracy, completeness or reliability. Any opinions expressed are solely those of the author and are subject to change without notice.

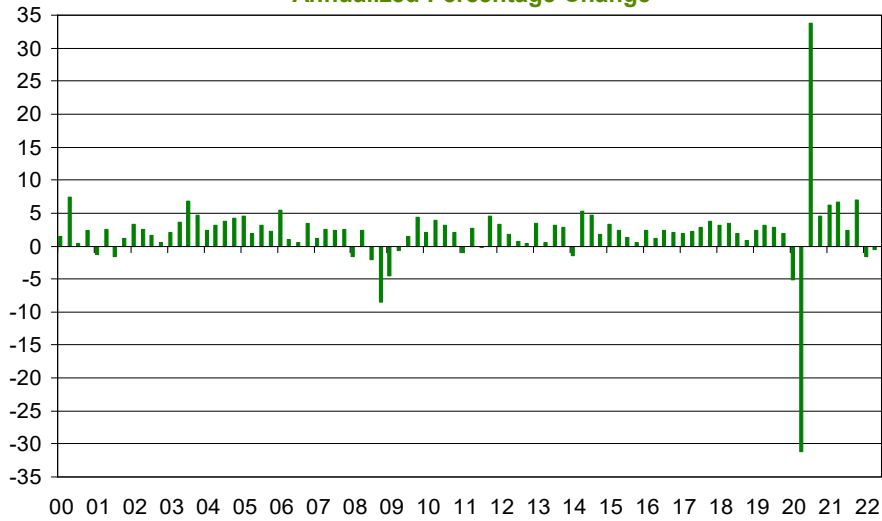
### Hopeful Signs On Inflation Not Yet Enough To Slow Down The FOMC

- The BEA's second estimate shows real GDP contracted at an annual rate of 0.6 percent in Q2. While real GDP contracted in each of the first two quarters of 2022, real Gross Domestic Income (GDI) expanded in each quarter. The gap between the two alternative measures of economic activity may be reconciled with the release of the BEA's annual benchmark revisions to the data from the National Income and Product Accounts, set for release on September 29.
- The BLS released a preliminary estimate of its annual revisions to the nonfarm employment data which shows the level of nonfarm employment as of March 2022 will be revised up by 462,300 jobs. At 571,300 jobs, the upward revision to the level of private sector employment will be even larger (the final results will be released in early-2023). While this suggests an even stronger labor market than had been reported, the collective weight of elevated inflation and higher interest rates will ultimately take a toll on the demand for labor. Total nonfarm employment rose by 315,000 jobs in August, but the pace of job growth is expected to slow significantly over coming months.
- While the ISM Manufacturing Index held at 52.8 percent in August, indicating further expansion in the factory sector, the underlying details contain some troubling signs. The expansion has slowed and become notably less broad based, which bodes poorly for the paths of manufacturing output and employment over coming months.
- One notable element of the ISM's August surveys of the manufacturing and services sectors is that non-labor input price pressures have eased to a significant degree. Along with lower energy prices, this could lead to much smaller monthly increases, if not outright declines, in measures of headline inflation. Still, core inflation remains broad based and could accelerate in the coming months, and it is much too soon for the FOMC to take any comfort from the inflation data.
- To that point, FOMC members have continued to aggressively push back against the notion of a quick transition from rate hikes to rate cuts, and the financial markets seem to be listening. We expect another 75-basis point hike in the Fed funds rate at this month's FOMC meeting.

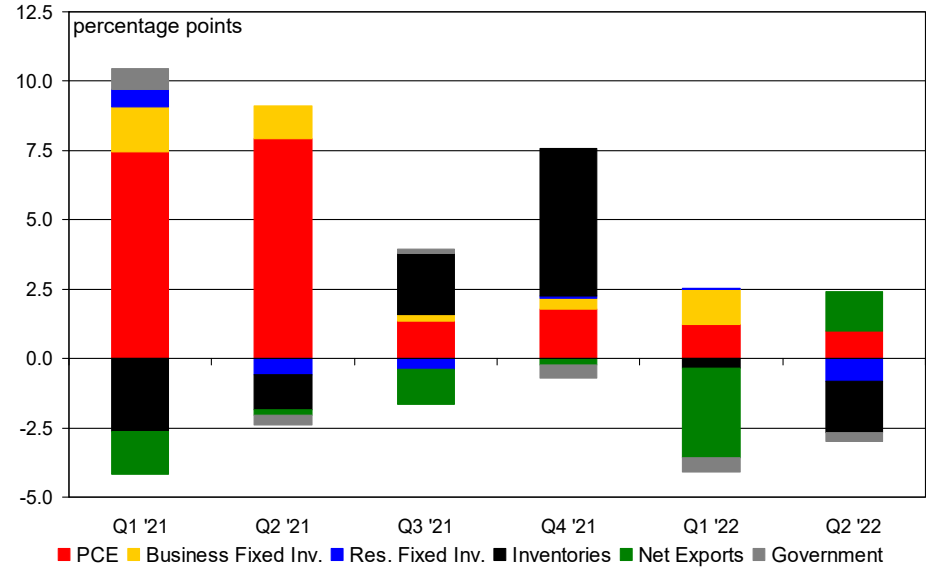
**ECONOMIC/FINANCIAL DATA HIGHLIGHTS – September 2022**

<b><u>Indicator:</u></b>	<b><u>Last Observation:</u></b>	<b><u>Reported As:</u></b>	<b><u>Value:</u></b>	<b><u>% Change Year Ago, or Year Ago Value:</u></b>
Real GDP	Q2 2022 (2 <sup>nd</sup> est.)	Annualized % change	<0.58%>	1.71%
Total Payroll Employment	August 2022	Monthly change, thousands of jobs	+315	3.83%
Private Sector Payroll Employment	August 2022	Monthly change, thousands of jobs	+308	4.39%
Unemployment Rate	August 2022	% of labor force	3.7%	5.2%
“U6” Unemployment/Underemployment	August 2022	% of labor force	7.0%	8.8%
Unemployed 27 Weeks or More	August 2022	Millions of people	1.137	3.105
Aggregate Private Sector Earnings	August 2022	Monthly % change	+0.26%	9.37%
Real Personal Disposable Income	July 2022	Monthly % change	0.27%	<3.75%>
Real Personal Income ex-Transfers	July 2022	Monthly % change	0.42%	1.26%
Real Personal Consumption Expenditures	July 2022	Monthly % change	0.20%	2.24
Personal Savings Rate	July 2022	% of disposable personal income	5.00%	10.50%
Consumer Price Index – Total	July 2022	Monthly % change	<0.02%>	8.52%
Consumer Price Index – Core	July 2022	Monthly % change	0.31%	5.91%
Producer Price Index – Final Demand	July 2022	Monthly % change	<0.50%>	9.69%
Producer Price Index – Core Final Demand	July 2022	Monthly % change	0.20%	7.54%
Single Family Housing Permits	July 2022	Seasonally adjusted annual rate	928,000	1,051,000
Multi-Family Housing Permits	July 2022	Seasonally adjusted annual rate	746,000	604,000
Single Family Housing Starts	July 2022	Seasonally adjusted annual rate	916,000	1,124,000
Multi-Family Housing Starts	July 2022	Seasonally adjusted annual rate	530,000	449,000
Industrial Production	July 2022	Monthly % change	0.56%	3.90%
ISM Manufacturing Index	August 2022	Index value, %	52.8%	59.7%
ISM Manufacturing New Orders Index	August 2022	Index value, %	51.3%	66.7%
ISM Non-Manufacturing Index	August 2022	Index value, %	56.9%	62.2%
ISM Non-Manufacturing New Orders Index	August 2022	Index Value, %	61.8%	63.2%
Federal Funds Rate Target Range Mid-Point	September 2, 2022	Percent	2.375%	0.125%
3-Month LIBOR Rate	September 2, 2022	Percent	3.10%	0.12%
3-Month U.S. Treasury Bill Yield	September 2, 2022	Percent	2.90%	0.05%
2-Year U.S. Treasury Note Yield	September 2, 2022	Percent	3.42%	0.20%
10-Year U.S. Treasury Note Yield	September 2, 2022	Percent	3.21%	1.29%
Dollar-Euro Exchange Rate	September 2, 2022	Euros per U.S. dollar	0.9991	0.8433
Dollar-Yen Exchange Rate	September 2, 2022	Yen per U.S. dollar	140.10	110.01
Federal Reserve Broad U.S. Dollar Index	August 26, 2022	Index value, 1/1/2006 = 100	123.2019	113.8091

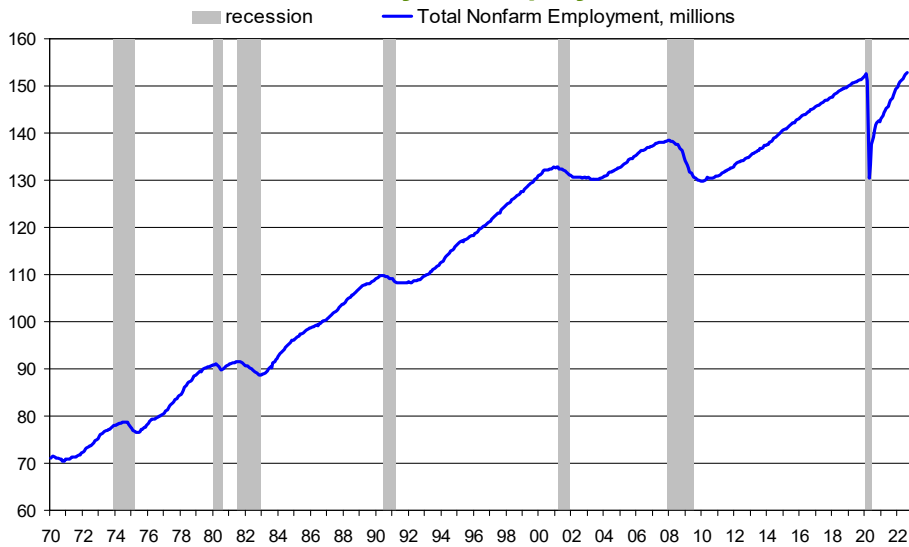
### Real GDP Annualized Percentage Change



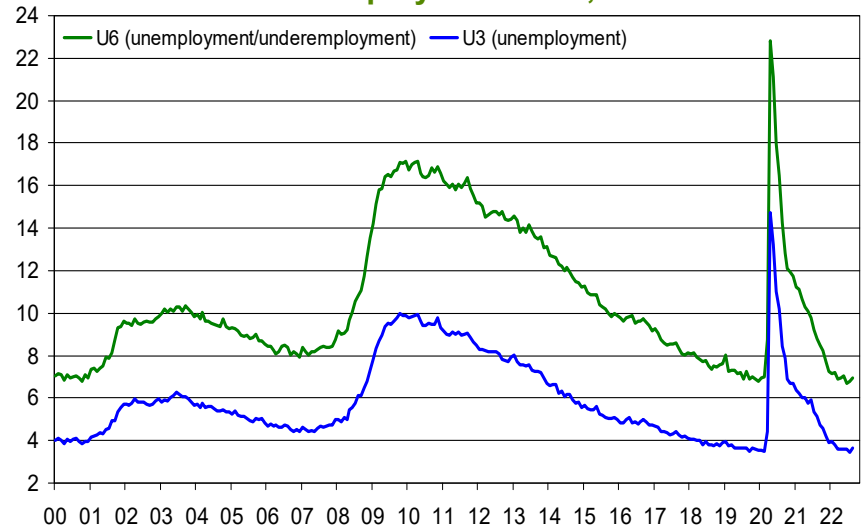
### Contribution To Real GDP Growth



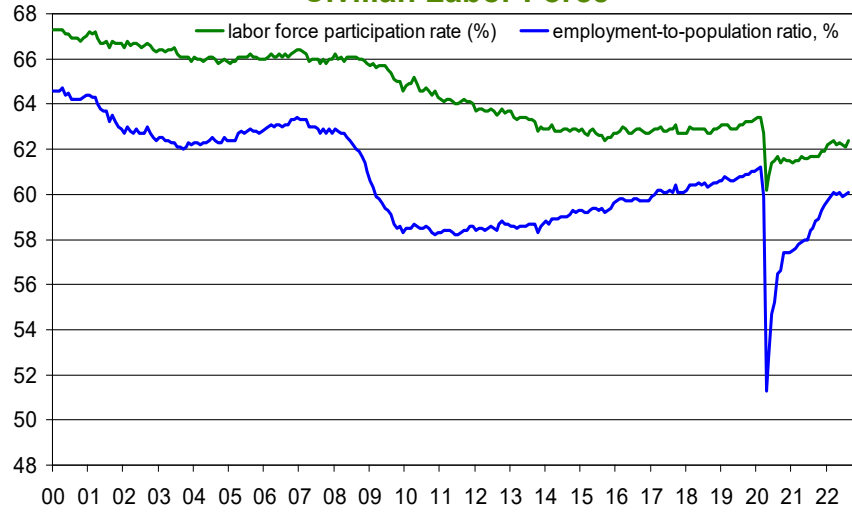
### Total Payroll Employment



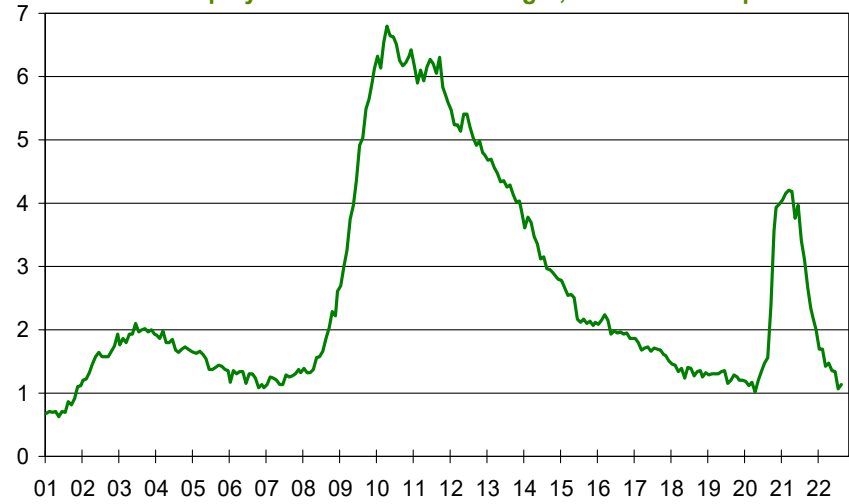
### Unemployment Rate, %



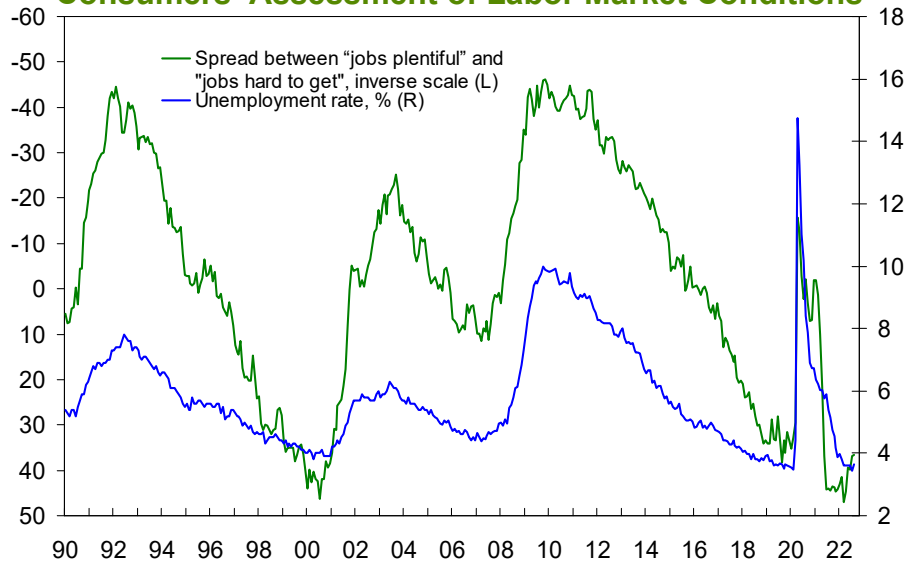
**Civilian Labor Force**



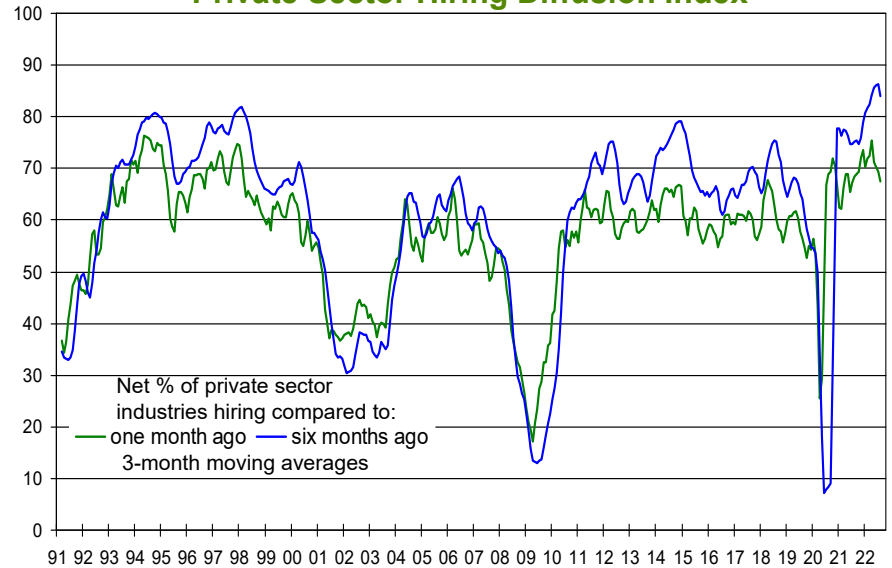
**Long-Term Unemployed**  
Unemployed for 27 Weeks or Longer, Millions of People



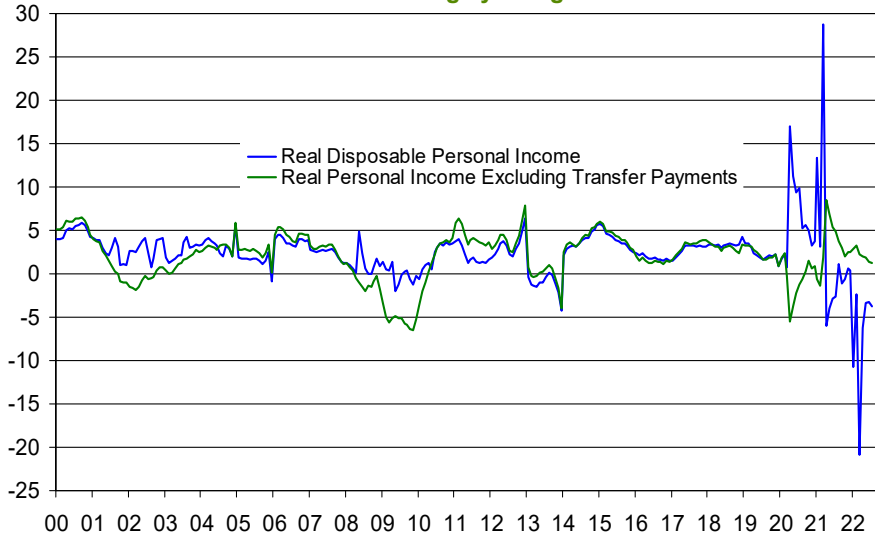
**Consumers' Assessment of Labor Market Conditions**



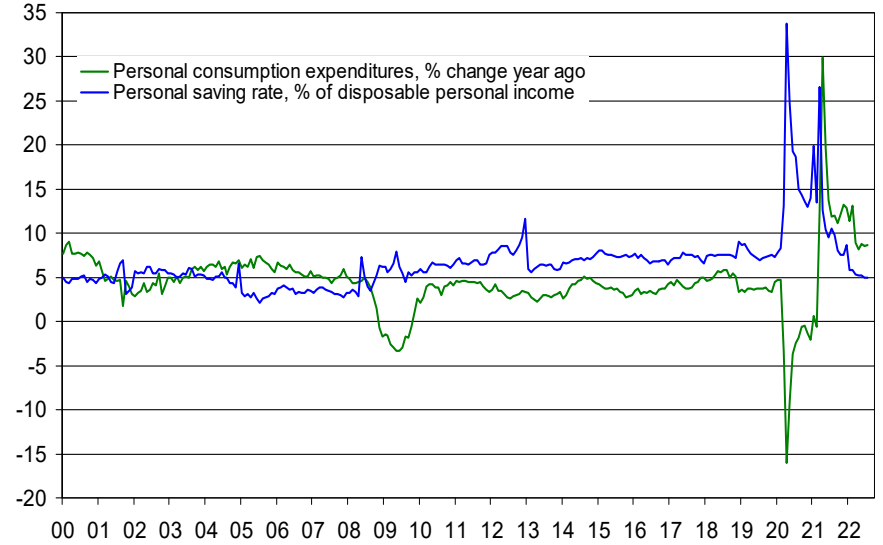
**Private Sector Hiring Diffusion Index**



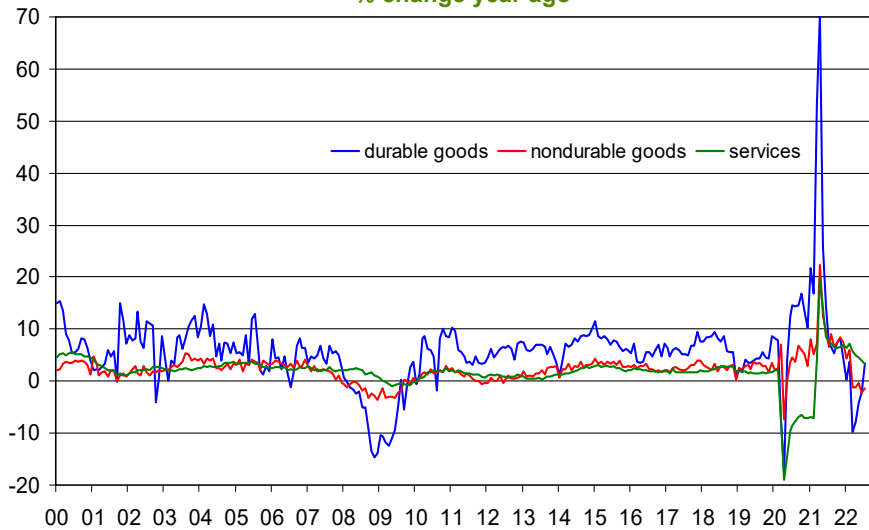
### Real Personal Income % change year ago



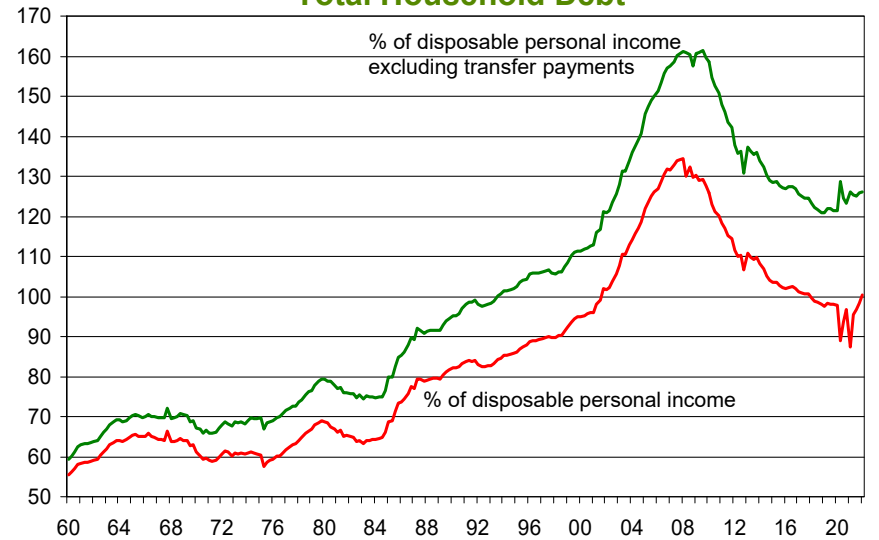
### Personal Spending, Saving



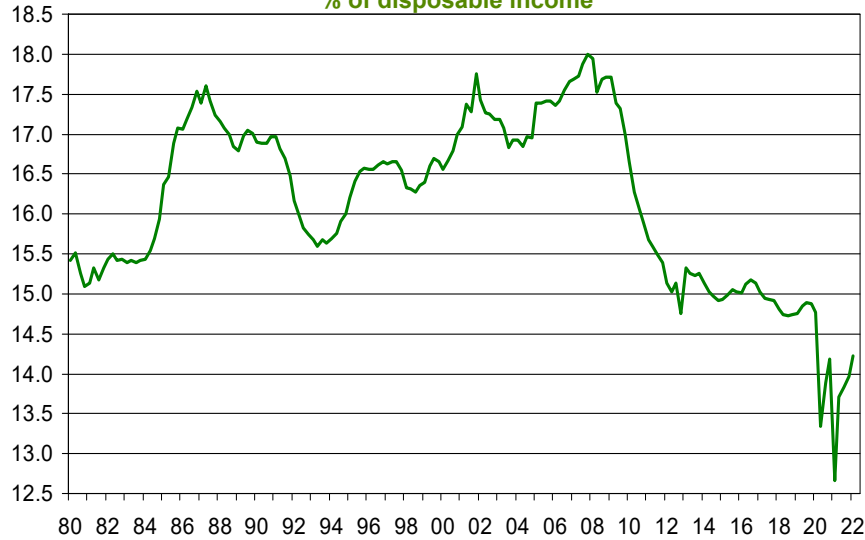
### Real Consumer Spending % change year ago



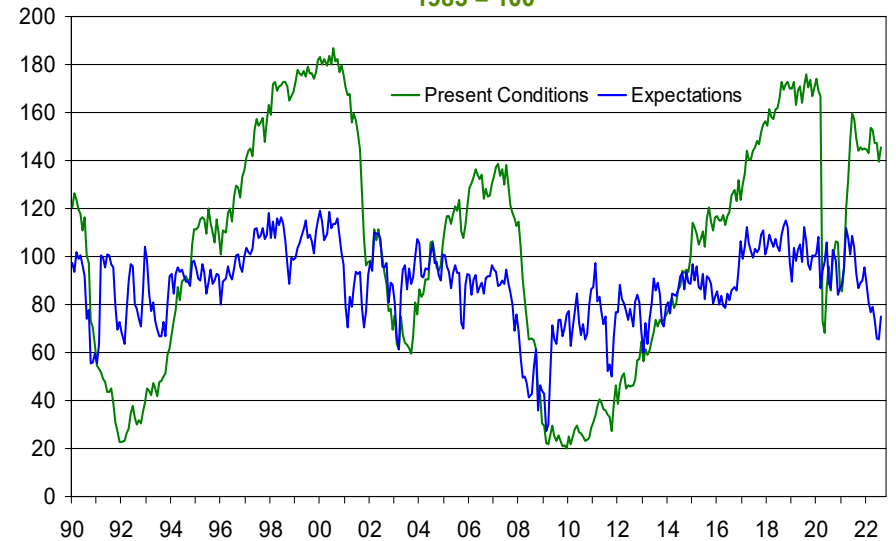
### Total Household Debt



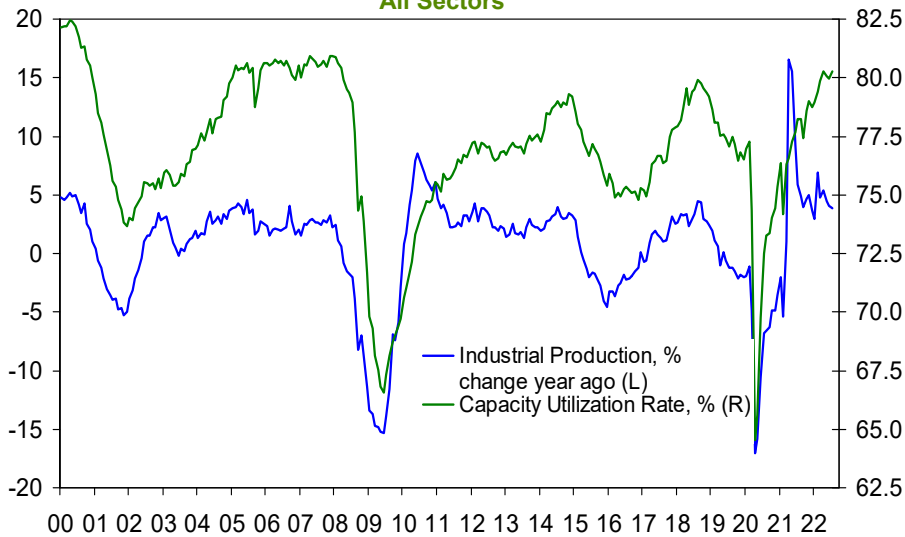
**Household Financial Obligations Ratio**  
% of disposable income



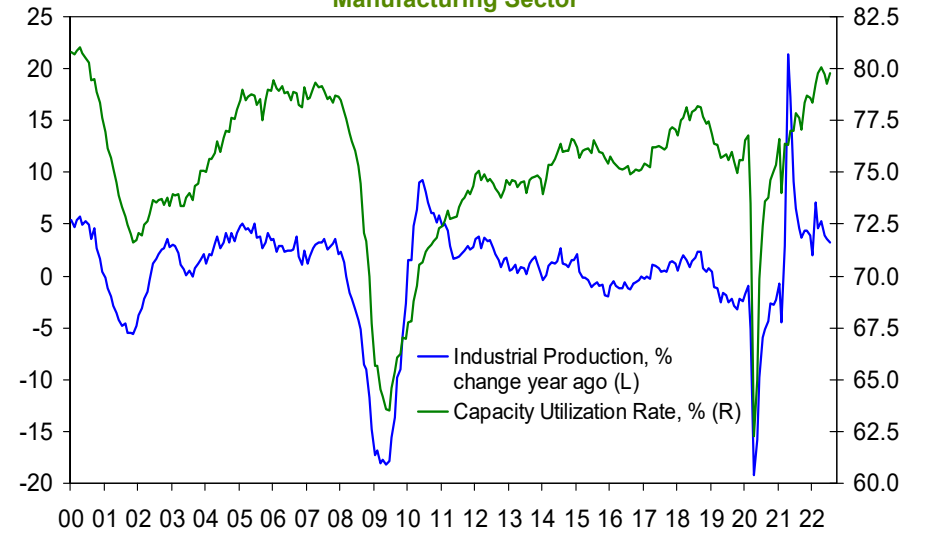
**Consumer Confidence Index**  
1985 = 100



**Industrial Production, Capacity Utilization**  
All Sectors

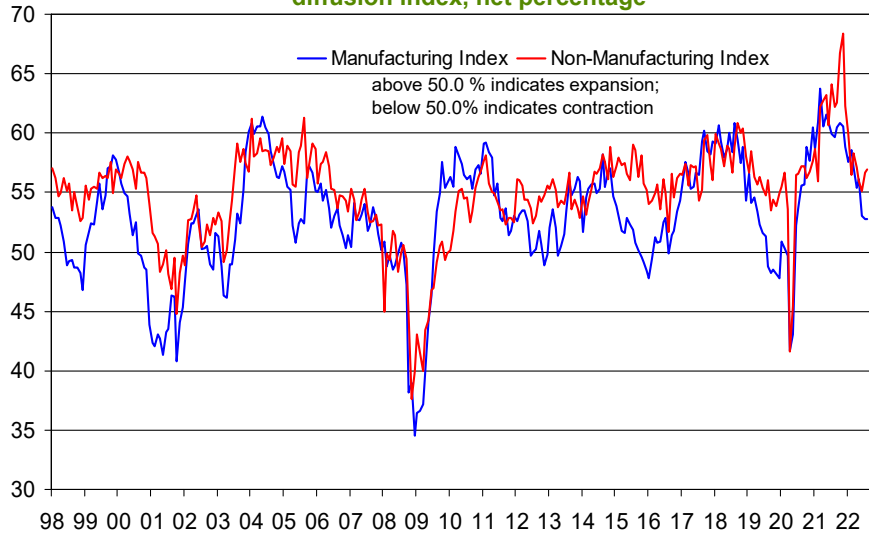


**Industrial Production, Capacity Utilization**  
Manufacturing Sector



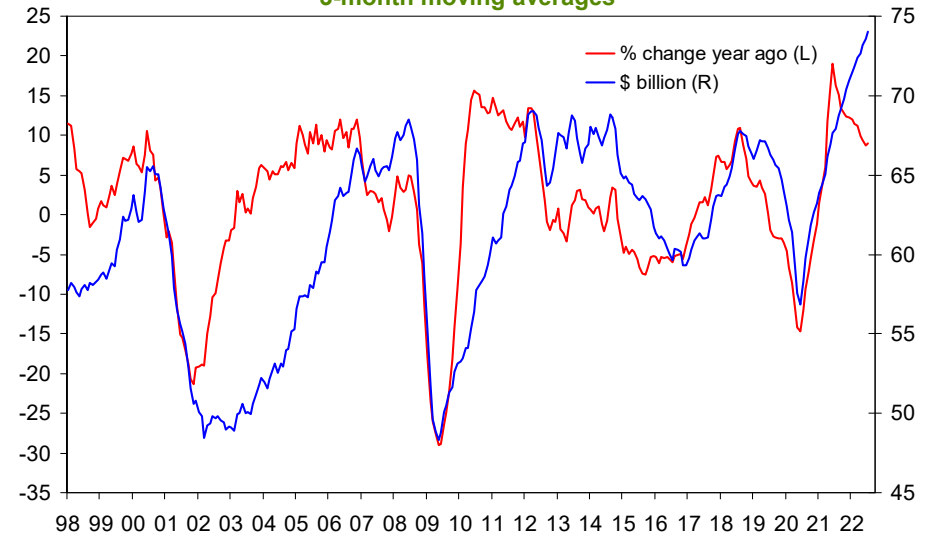
### ISM Index

diffusion index, net percentage



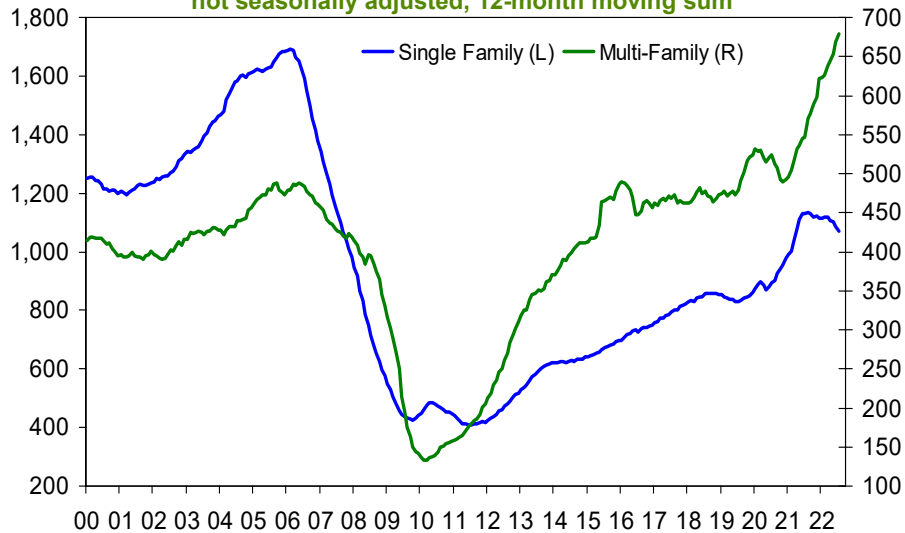
### Core Capital Goods Orders

3-month moving averages



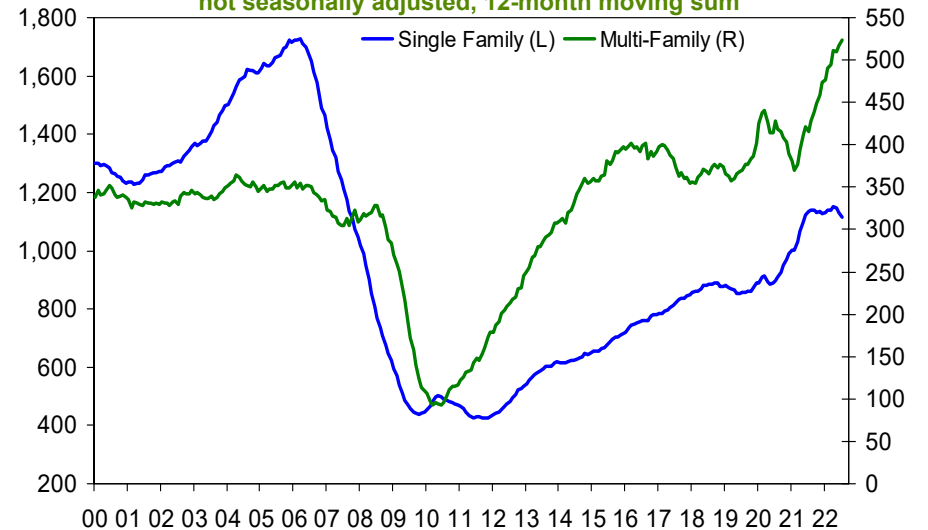
### Housing Permits (000's of units)

not seasonally adjusted, 12-month moving sum



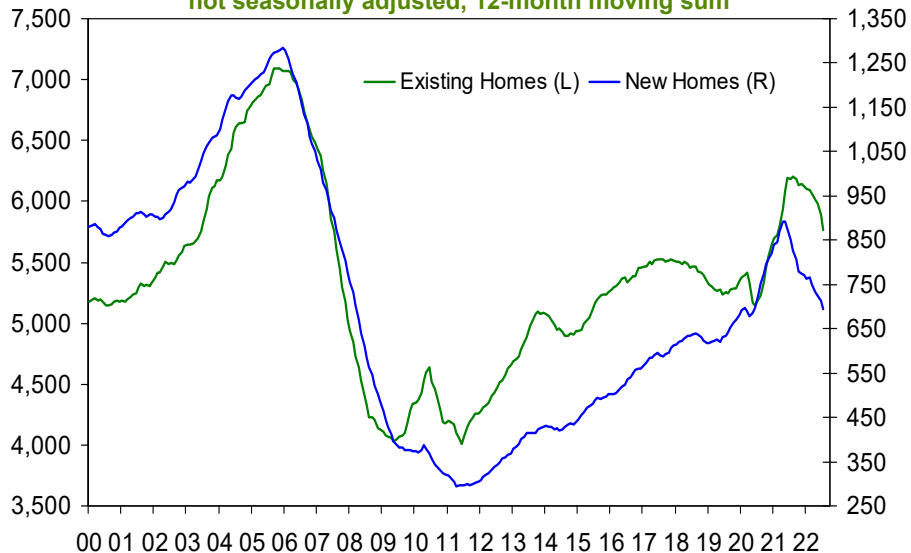
### Housing Starts (000's of units)

not seasonally adjusted, 12-month moving sum

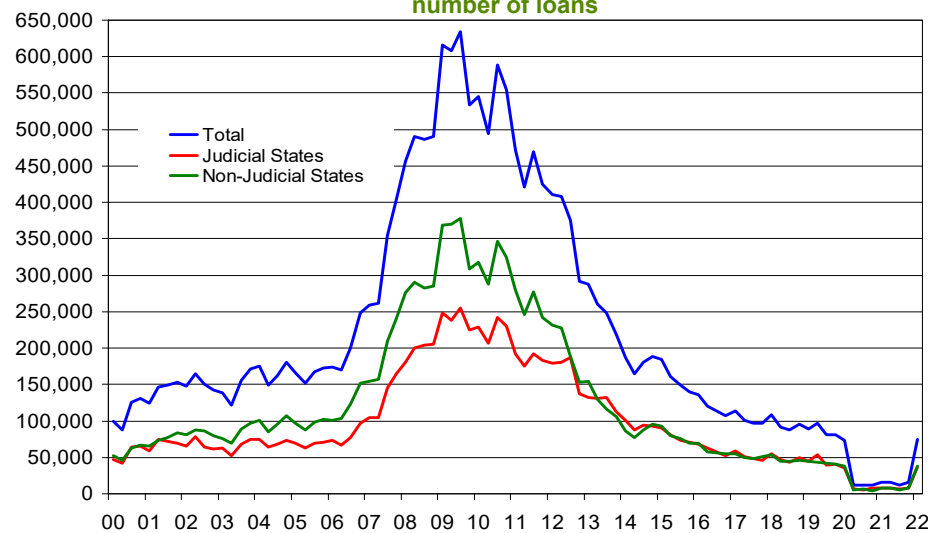




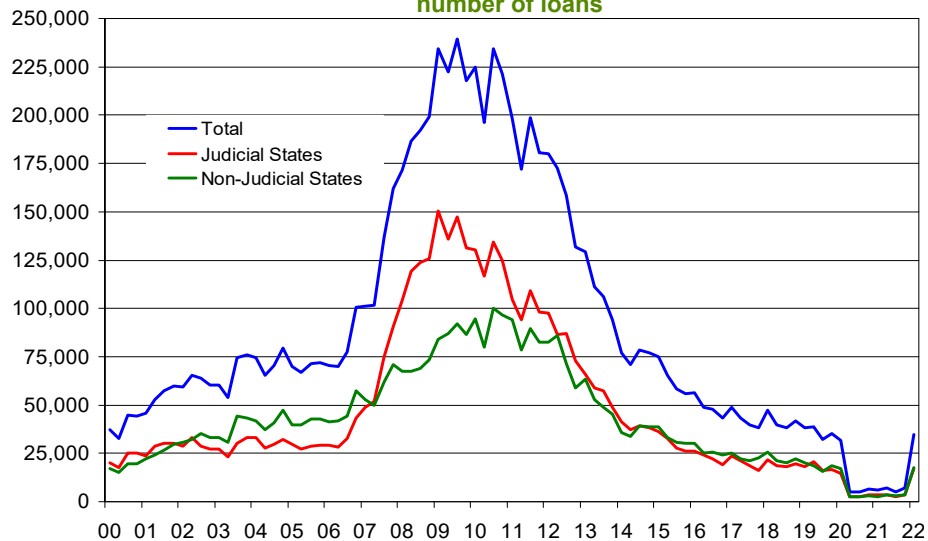
**Home Sales (000's of units)**  
not seasonally adjusted, 12-month moving sum



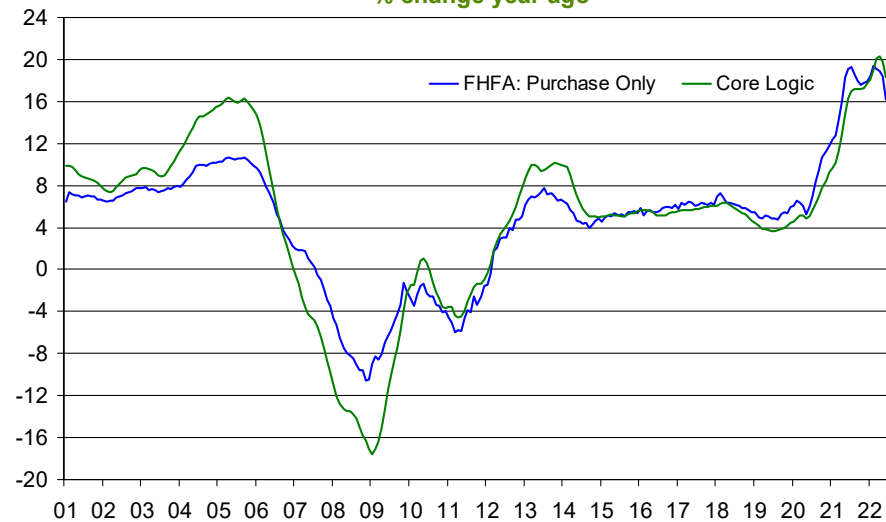
**Foreclosure Starts – United States**  
number of loans



**Foreclosure Starts – Regions Footprint**  
number of loans

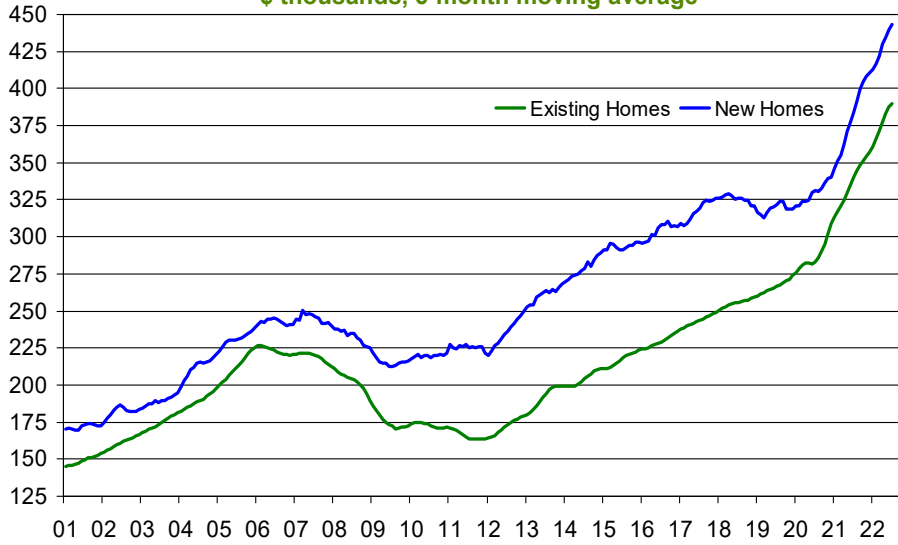


**Index of House Prices**  
% change year ago

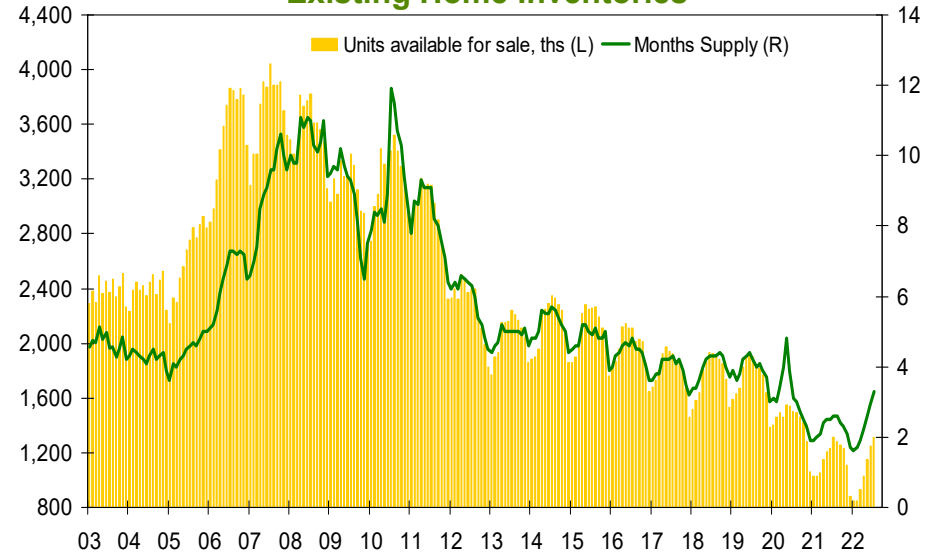


### Median Home Prices

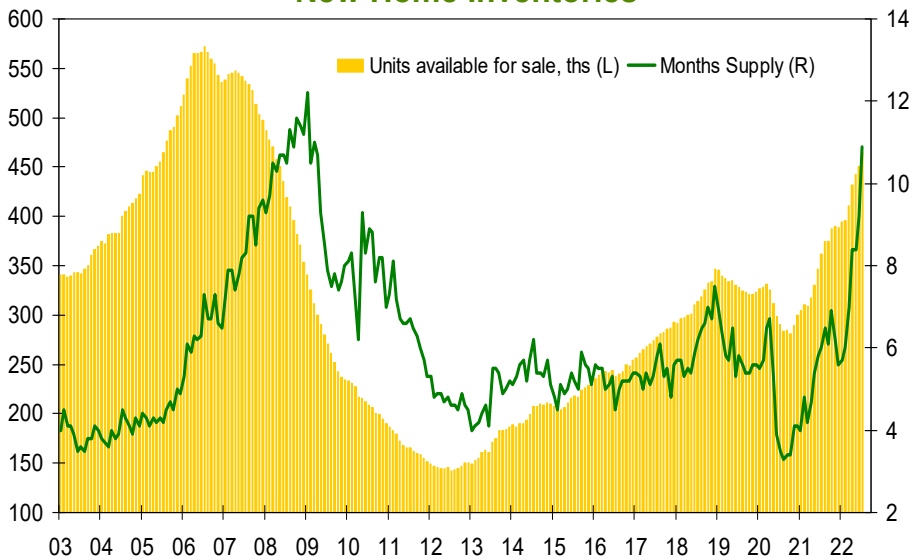
\$ thousands, 6-month moving average



### Existing Home Inventories

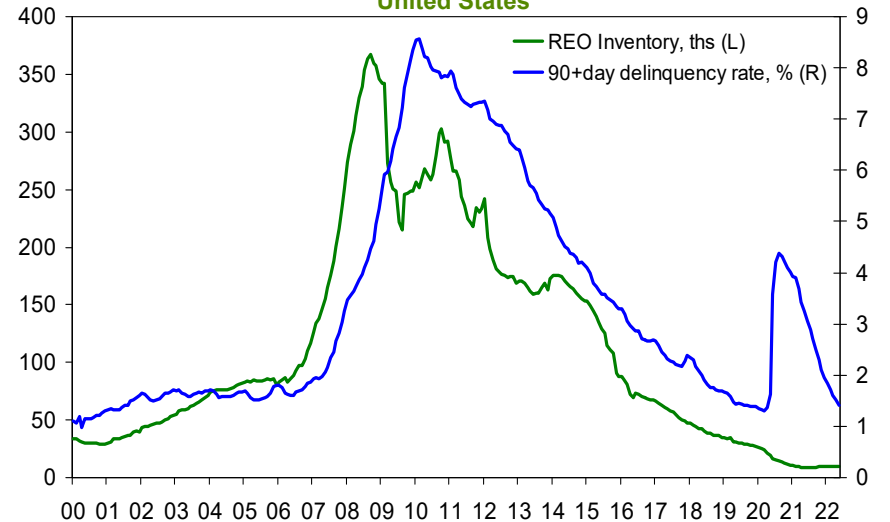


### New Home Inventories



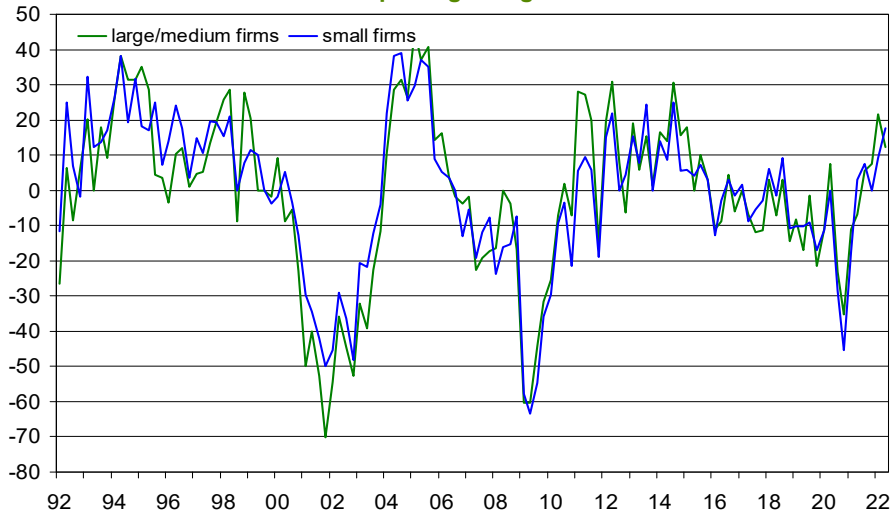
### CoreLogic Mortgage Loan Performance Data

United States



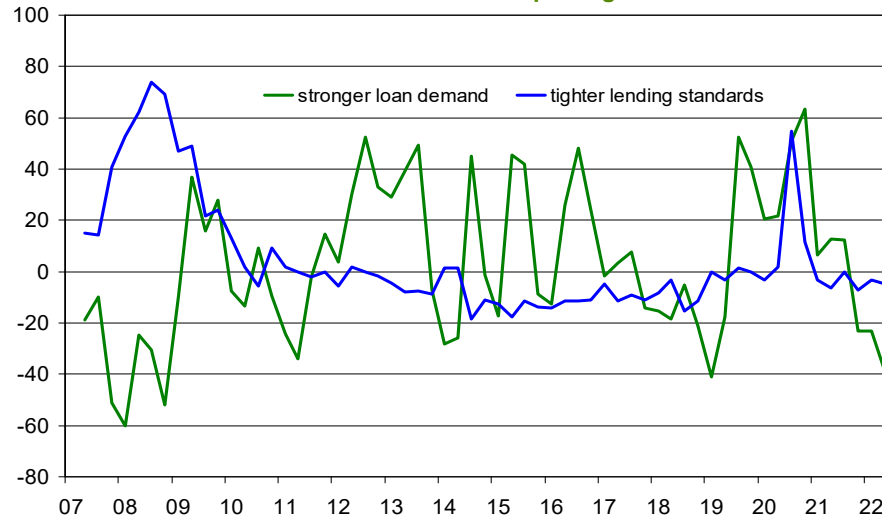
### Survey of Senior Lending Officers – C&I Loans

net % of banks reporting rising loan demand from:

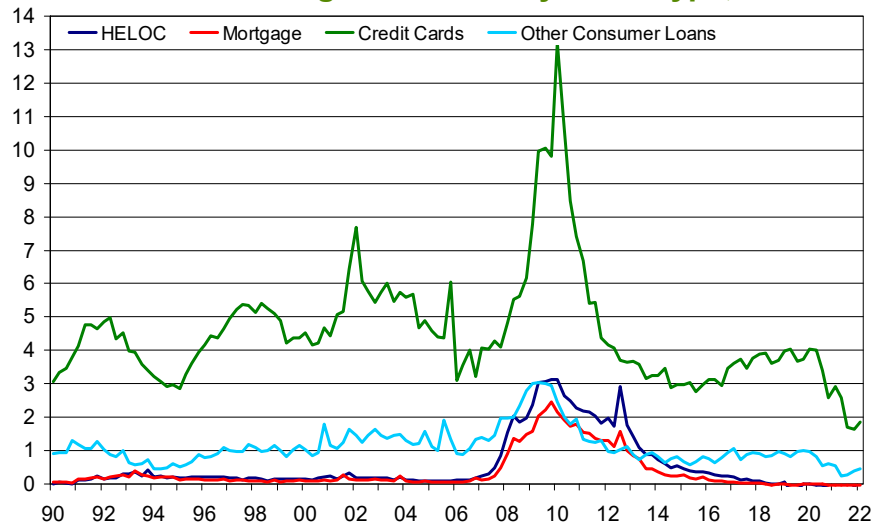


### Survey of Senior Lending Officers – Prime Mortgages

net % of banks reporting:

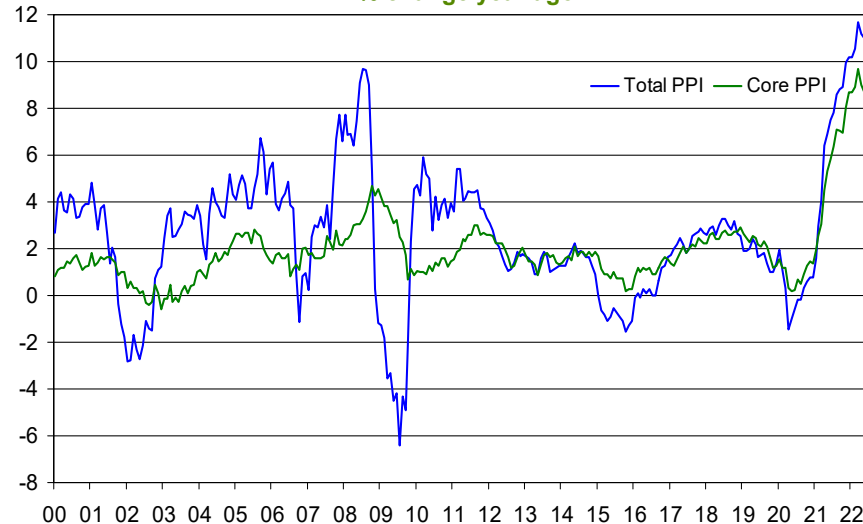


### Bank Charge-Off Rates By Loan Type, %

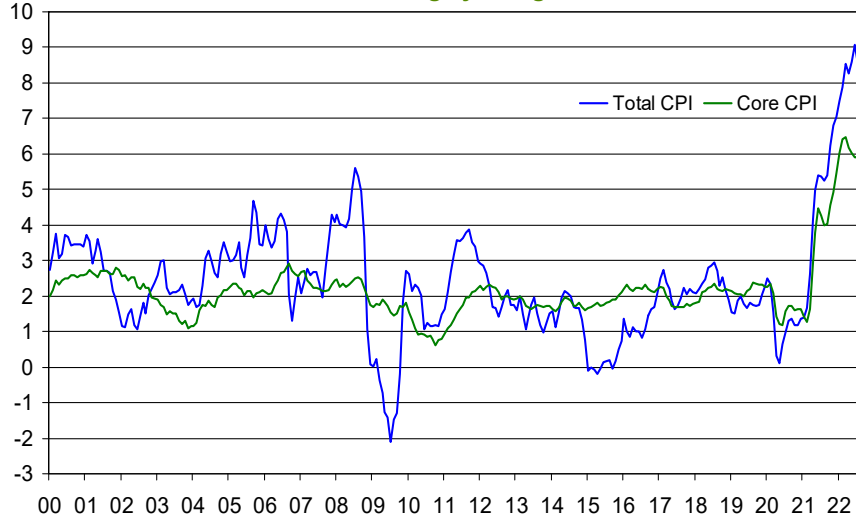


### Producer Price Index

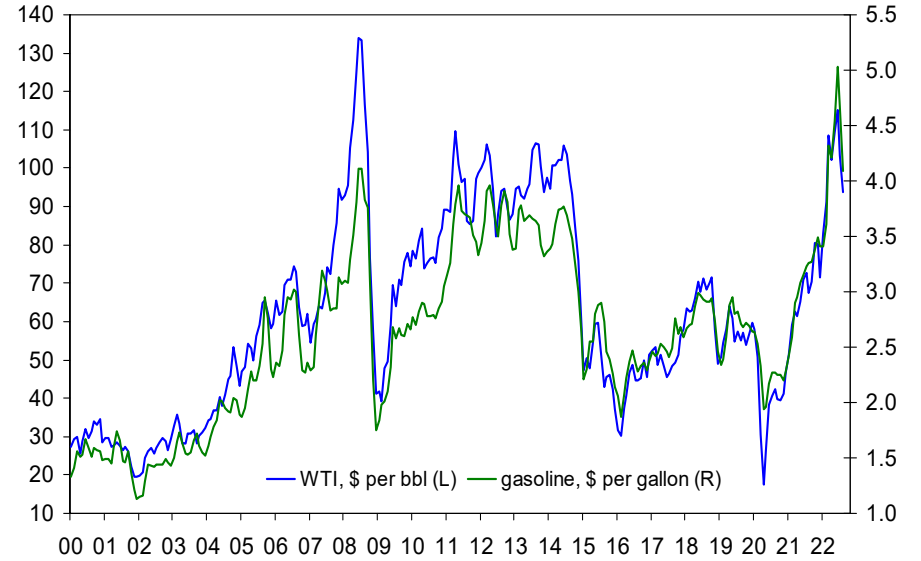
% change year ago



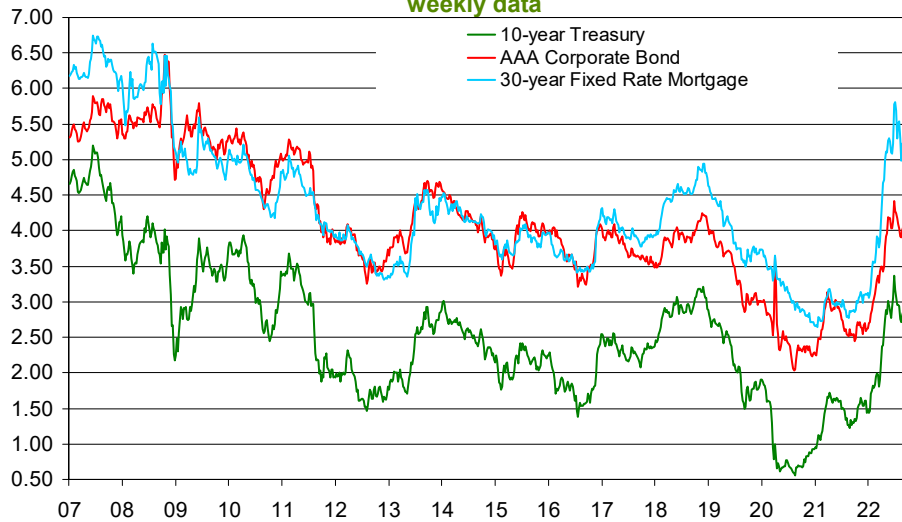
**Consumer Price Index**  
% change year ago



**WTI Crude Oil, Retail Gasoline Prices**



**Selected Interest Rates, %**  
weekly data

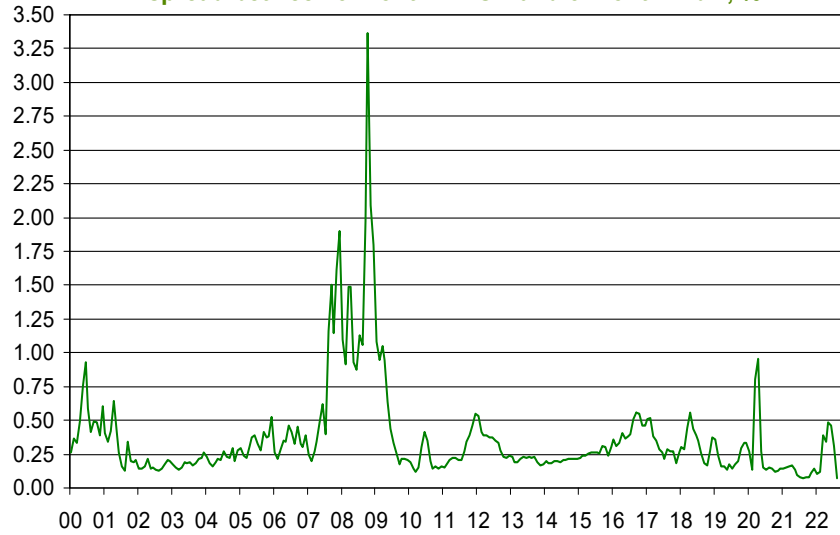


**Spread Between Yields On 10-year and 2-year Treasury Notes**  
weekly data



**TED Spread**

spread between 3-month LIBOR and 3-month T-bill, %



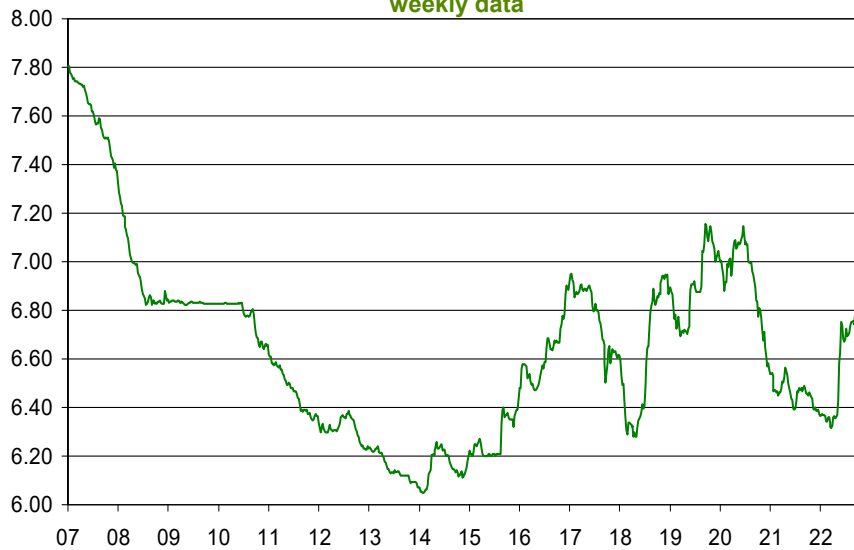
**Japanese Yen per U.S. Dollar**

weekly data



**Chinese Yuan per U.S. Dollar**

weekly data



**Euros per U.S. Dollar**

weekly data

