

U.S. Economic, Housing and Mortgage Market Outlook

APRIL 2024 IN THIS ISSUE:

U.S. ECONOMY

While economic growth has moderated slightly, the labor market remains resilient with the unemployment rate remaining below 4% for the 26th consecutive month, the longest streak since the 1960s.

HOUSING & MORTGAGE MARKET

Housing demand is on the rebound, but with mortgage rates still averaging 6.8%, many prospective homebuyers continue to be priced out of the market.

SPOTLIGHT: SPRING HOMEBUYING

A preview of the spring homebuying season shows a healthy recovery compared to last year and first-time homebuyers continue to carry demand, making up almost 6 out of 10 purchase applications. MORE →

Recent developments

U.S. economy: The U.S. economy continued to grow at a seasonally adjusted annual rate (SAAR) of 3.4% in Q4 2023 as per the third and final estimate of the Real Gross Domestic Product (GDP) closing out 2023 at 2.5% SAAR compared to the 2022 annual levels. While growth in Q4 2023 softened compared to the 4.9% growth in Q3 2023, it remains above estimates of long-term potential growth. The upward revisions to the third estimate for Q4 2023 predominately reflect an increase in consumption spending, which contributed 2.2 percentage points to overall growth. While government spending increased 4.6% in the third estimate compared to 4.2% in the second estimate for Q4 2023, government spending is moderating compared to the 5.8% increase in Q3 2023.

Private investment increased 0.7% over Q4 compared to the 10.0% increase in Q3. Residential investment remained positive but slowed down from the 6.7% increase in Q3 2023 to 2.8% in Q4 2023. Private Domestic Final Consumption ticked down in Q4 2023 to 3.5% compared to the 3.6% growth rate in Q3 2023. Overall, growth is moderating and is expected to continue to trend downward through 2024.

With the third estimate of Real GDP, the Bureau of Economic Analysis also releases the Gross Domestic Income (GDI) data. Real GDI increased 4.8% in Q4 compared to 1.9% in Q3 2023. The average of GDP and GDI is often considered a supplemental measure of U.S. economic activity, and as per that measure, growth increased 4.1% in Q4 as compared to the 3.4% growth in Q3 2023.

The labor market remained robust with nonfarm payroll employment increasing by 303,000 in March 2024, as per the Bureau of Labor Statistics (BLS). Employment for January and February was revised up by a combined 22,000. The unemployment rate inched down from 3.9% in February to 3.8% in March, with decreases in Asian and Hispanic unemployment rate over the month. Unemployment remains below 4% for the 26th consecutive month, the longest streak since the 1960s. Average hourly earnings for all employees on private nonfarm payrolls rose 0.3% month-over-month, and compared to a year ago, average hourly earnings increased 4.1%. Overall, the jobs report is indicative of a resilient labor market signaling the likelihood of continued support for consumption spending and thereby, for economic growth.

1 Bureau of Economic Analysis (BEA)

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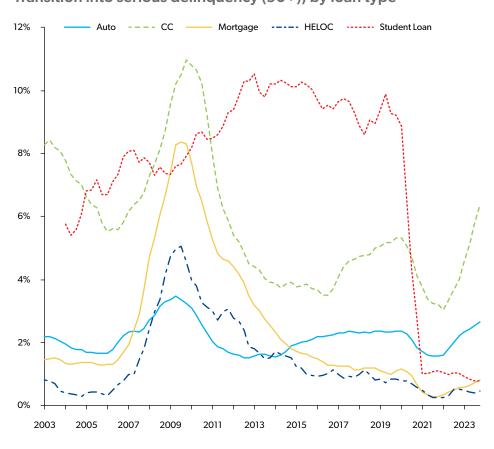
Job openings remained steady at around 8.8 million in February 2024, according to the BLS Job Openings and Labor Turnover Survey (JOLTS). The ratio of job openings to unemployed, a metric that the Federal Reserve has been tracking to gauge the strength of the labor market, declined slightly to 1.36 in February from a revised reading of 1.43 in January, indicating fewer job openings per unemployed. While on average there are more job openings than unemployed at the national level, there is substantial variation in this ratio across the states. For example, as of January, the latest available state-level data, California, Arizona, New Jersey, and Washington, had more unemployed than job openings while states such as Maryland and North Dakota had more than three jobs per unemployed person in the state.

Inflation as measured by the price index for Personal Consumption Expenditures (PCE) excluding food and energy came in below consensus expectations, increasing 0.3%. This brought the annual core PCE rate down to 2.8% from 2.9% in February. However, the overall level of inflation remains above the Federal Reserve target of 2.0% with significant upside risks. With inflation remaining above the target, the likelihood of the Federal Reserve cutting the federal fund rates is pushed further out to the second half of the year. Following the March CPI report, market expectations of the federal fund rate cuts also fell significantly.²

The higher interest rates are impacting consumer credit performance. While serious delinquency rates for credit cards and autos are increasing, mortgage performance has remained better than the other sectors (Exhibit 1). Credit cards have had the highest increase in transitions into serious delinquency, followed by auto loans. As a result of higher for longer rates and sticky inflation, consumers are relying more on credit card debt and consequently, transitions into delinquency are above levels seen prior to the pandemic.

In summary, the U.S. economy has changed little in recent months and remains resilient. Economic growth has moderated but remains robust, the labor market continues to exhibit strength, and inflation remains elevated relative to the Federal Reserve's long-run target.

Transition into serious delinquency (90+), by loan type



Note: Student loan data are not reported prior to 2004 due to uneven reporting Source: New York Federal Reserve Consumer Credit Panel/Equifax

² CME FedWatch Tool - CME Group: https://www.cmegroup.com/markets/interest-rates/cme-fedwatch-tool.html



U.S. housing and mortgage market: As we enter the spring homebuying season, there is renewed attention on the housing market as this season largely determines how the year will turn out for the housing market. On average, since 1999, around 36% of the total home sales in a year happen between the months of March to June. Warmer weather and the end of the school year prompt many to make the home purchase move during this period as compared to any other time of the year. With affordability at a near 30-year low, heightened mortgage rates, and no March rate cut, what does this mean for the 2024 spring home buying season? We will explore more forward-looking data in the spotlight section below.

Leading up to the spring homebuying season, total (existing + new) home sales for the month of February 2024 moved up by 8.1% from January 2024, but were down 2.2% from a year ago. Existing home sales grew 9.5% from January to 4.38 million in February and accounted for about 87% of total home sales. Despite the month-over-month gains, existing sales are still 3.3% below the levels of February 2023. New home sales for February 2024 were at 662,000, 0.3% below January sales, but 5.9% higher than last February. As the supply of existing homes for sale remains low and home prices continue to rise, more buyers are choosing to purchase new homes than in previous years.

The FHFA Purchase-Only Home Price Index for January ticked down by 0.1% month-over-month compared to an increase of 0.1% in December 2023. However, with housing demand on the rebound, year-over-year, house price growth remained strong at 6.3% for January.

New residential construction bounced back in February with total starts increasing 10.7% in February, the largest monthly increase since May 2023. Single-family housing starts were up 35.2% year-over-year in February with single-family housing permits increasing 29.5% over the same period.³ As demand for new homes continues to increase, builders reap the benefits. According to the National Association of Home Builders' Housing Market Index, homebuilder confidence continued its upward trend in March with the index coming in at 51. This is the highest reading since July 2023 and is above the threshold of 50, indicating positive building conditions.⁴

Mortgage rates remained steady in March and averaged 6.8% for the month, as measured by Freddie Mac's Primary Mortgage Market Survey[®]. According to the Mortgage Bankers Association (MBA), mortgage activity increased over the month despite these higher rates. Overall mortgage activity was up 3.9% month-overmonth but was down by 10.2% year-over-year at the end of March. Refinance activity for March was up 5.9% as compared to February, and purchase applications were up 3.2% month-over-month.

While the overall impact of higher interest rates on mortgages has been lower than on consumer credit, we see a slight uptick in mortgage delinquency rates. Even with this increase, the delinquency rates remain lower than historical averages for most loan types. Total mortgage delinquency rates increased in Q4 2023 to 3.9%, up 26 basis points from Q3 2023. According to the Mortgage Bankers Association (MBA), there has been an uptick in the pace of new mortgage loans entering delinquency coupled with other mortgage loans moving into later stages of delinquency. The delinquency rate on conventional mortgages increased from 2.5% in Q3 2023 to 2.6% in Q4 2023. The delinquency rate on FHA loans increased from 9.5% in Q3 2023 to 10.8% in Q4 2023. The delinquency rate on VA loans had the largest increase, up 31 basis points to a rate of 4.1% in Q4 2023.

Overall, tight inventory is still a key barrier to home sale volumes. Purchase demand is improving, but with mortgage rates still averaging 6.8%, many prospective homebuyers are being priced out of the housing market.

³ https://www.census.gov/

⁴ https://www.nahb.org/



Outlook

Our view on the economy holds steady as we step into Q2 2024. We expect the U.S. economy to realize a slow growth this year. Households accumulated a considerable amount of pandemic-related excess savings which helped them withstand the high inflationary environment of the last couple of years. While we expect inflation to moderate eventually, substantial savings are already drawn down, which could lead to a softening of the spending momentum, slowing the economy and the labor market. While a lot of headway towards the 2% inflation target has been made, the Federal Reserve is in a "wait and see" mode before they start cutting the federal fund rates. We therefore expect mortgage rates to remain elevated for longer.

Under our baseline scenario, our housing outlook, particularly for home sales, remains subdued. While housing demand is solid due to a large share of Millennial first-time homebuyers looking to buy homes, they are challenged by high mortgage rates and a lack of homes available for sale. We expect these challenges to persist in 2024 mainly in the absence of significant rate cuts, which will keep the rate-lock effect in place and keep total home sales volume below five million in 2024. Due to solid housing demand but lean inventory, we expect upward home price pressure and forecast home prices to increase 0.5% in 2024 and in 2025.

In the mortgage market, we expect to see some increase in dollar volumes of mortgage origination in 2024 largely driven by higher home prices. However, subdued home sales will limit the purchase origination dollar volumes. Additionally, a high share of cash purchases will also impede purchase origination volumes. On the refinance side, unless the mortgage rates drop significantly and unlock rate-locked homeowners, refinance volumes will remain low. Since we do not expect mortgage rates to fall significantly this year, refinance activity will remain constrained, keeping total originations low for 2024.

Overall, our outlook remains positive. However, as inflation remains a fundamental piece in halting the Federal Reserve's rate cuts, risks are weighted to the downside. Consumers have started to feel the brunt of high rates as indicated by deteriorating credit performance, particularly in auto and credit card segments. In the absence of rate cuts, the weakening in non-mortgage performance will continue and might spill over to mortgage performance. However, under our baseline, we do not expect this scenario to occur.



APRIL 2024 SPOTLIGHT:

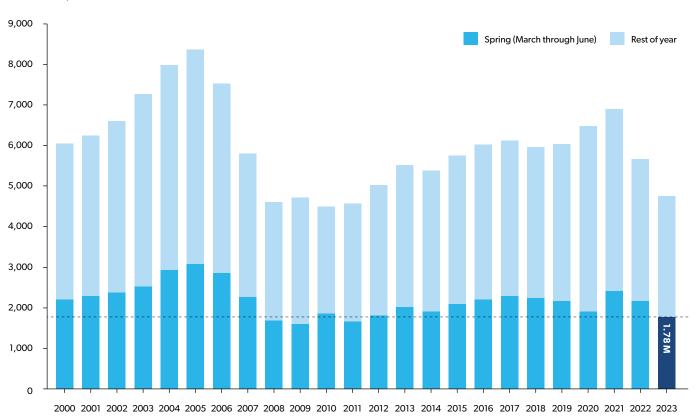
The 2024 spring homebuying season: An early preview using mortgage application data

The 2023 spring homebuying season was indeed sluggish, as a large number of homebuyers sifted through tight housing markets within the high-rate, low-inventory environment. According to data from the National Association of Realtors (NAR) and the U.S. Census Bureau, 2023 had the lowest total home sales for the spring season (March through June) since 2011 (**Exhibit 2**). What about the 2024 spring homebuying season? Looking at our unique, real-time Loan Product Advisor® (LPA) data, we can get an early pulse of where the housing market is headed.

EXHIBIT 2

Total home sales





Source: National Association of Realtors, U.S. Census Bureau

Overall, housing demand is making a healthy recovery compared to last year. As shown in **Exhibit 3** (following page), year-to-date (through March 31st), purchase applications for 30-year fixed-rate purchase mortgages are up 8% from the same period last year, even as the median mortgage rate and median sales price have increased. First-ime homebuyers continue to carry demand so far this year as they make up almost 6 out of 10 purchase applications. Nonetheless, the median payment (principal and interest) is up 7% from the same period last year, and that continues to be a significant headwind as affordability remains near historic lows.



EXHIBIT 3

Purchase application year-to-date summary table

Metric	YTD 2017	YTD 2018	YTD 2019	YTD 2020	YTD 2021	YTD 2022	YTD 2023	YTD 2024
Purchase Applications (YoY Growth)	4%	-6%	17%	17%	57%	2%	-13%	8%
Median Mortgage Rate	4.38%	4.50%	4.50%	3.63%	2.99%	3.99%	6.38%	6.63%
Median Sales Price	\$260,000	\$267,000	\$280,000	\$302,500	\$355,000	\$400,000	\$390,000	\$400,000
Median Payment	\$1,121	\$1,177	\$1,232	\$1,194	\$1,275	\$1,609	\$2,021	\$2,163
First-time Homebuyer Share	56.4%	57.6%	55.1%	54.6%	56.5%	58.4%	58.5%	58.2%

Notes: YTD = Jan 1 to Mar 31; F30, purchase, owner-occupied, excludes 'CAUTION' credit risk rating

Source: Freddie Mac

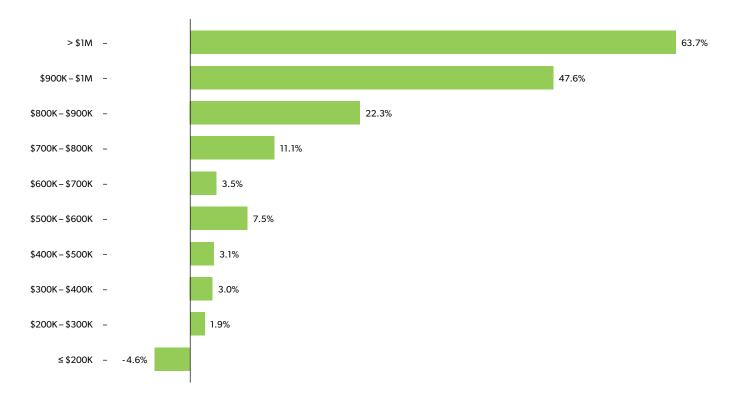
What is driving increased demand this year? If we break out purchase applications by sales price groups, we see that purchase applications for higher-priced homes have rebounded more in the first three months of 2024 than lower-priced homes from the same period last year (**Exhibit 4**).

EXHIBIT 4

Purchase application growth by price tier

Year-to-date 2024 vs. year-to-date 2023

Note: Purchase, owner-occupied, excludes 'CAUTION' credit risk rating Source: Freddie Mac





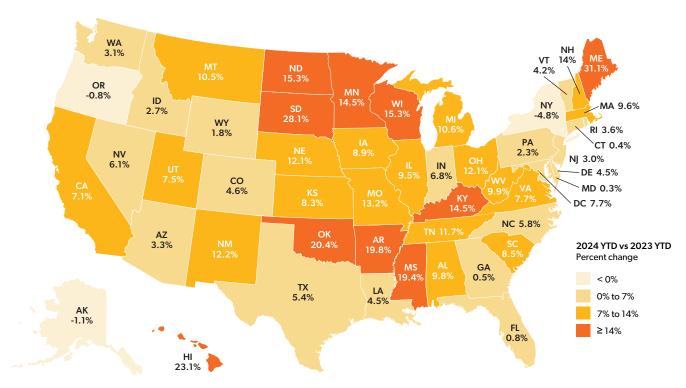
Furthermore, there is significant growth in purchase demand for homes with sales prices above \$800,000. Given the current lack of inventory, it appears that people have no choice but to search in the higher price points for their homes and those at the margin are priced out.

We can also look at *where* housing demand is growing. Geographically, purchase demand growth is spread throughout the country, but the most considerable growth is coming out of midwestern and southern states such as South Dakota, Mississippi, Arkansas, and Oklahoma. However, some markets that led demand in previous years (e.g. Florida and Arizona) appear to be moderating, implying that the rate lock-in effect and high home prices are starting to take their toll on these hot markets (**Exhibit 5**).

EXHIBIT 5

Purchase application growth by state

Year-to-date 2024 vs. year-to-date 2023



Note: Purchase, Owner-occupied, Excludes 'CAUTION' Credit Risk Rating Source: Freddie Mac

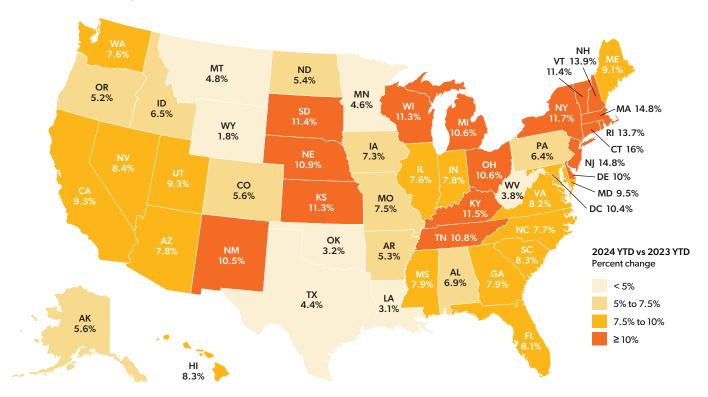


The affordability issue remains a primary concern in the housing market and poses significant risks to demand. Using our LPA data, we can track how monthly payments (principal and interest) have increased over the same period last year. **Exhibit 6** breaks out the growth in median principal and interest payments geographically. The markets that show the highest payment growth are in the midwestern and northeastern regions. These potential homebuyers will have to pay out significantly more money every month compared to last year.

EXHIBIT 6

Median principal and interest monthly payment growth by state

Year-to-date 2024 vs. year-to-date 2023



Note: F30, Purchase, Owner-occupied, Excludes 'CAUTION' Credit Risk Rating Source: Freddie Mac

We also looked at how the principal and interest paid by borrowers vary by metro. Specifically, we looked at 25 of the largest housing markets to understand how spread out a typical payment within the market has been in the first three months of 2024. Exhibit 7 (following page) shows that markets like Detroit, Minneapolis, and Houston have somewhat narrower distributions of payments, whereas metros like New York, Washington D.C., and Los Angeles have broader distributions. The wider distribution means those housing markets are much more heterogeneous even within their respective metro limits.

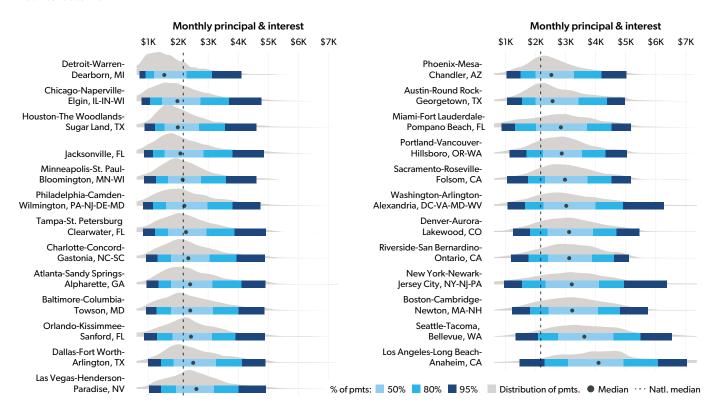
⁵ Top 25 markets with the most F30 purchase applications in LPA year-to-date.



EXHIBIT 7

Principal and interest monthly payment distribution by core based statistical area (CBSA)

Year-to-date 2024



Note: F30, Purchase, Owner-occupied, Excludes 'CAUTION' Credit Risk Rating

Source: Freddie Mac

This year's spring homebuying season has started strong. Looking at our internal application data, we see demand has improved from last year despite the challenging homebuying environment. However, there is still much uncertainty related to broader affordability problems and how that will impact real estate transactions. Nonetheless, demand for homes seems unabated so far in the first three months of 2024, and that momentum may very well continue throughout the spring homebuying season.

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