Economic Developments-July 2024

Home Price Growth Remains Strong but Deceleration Expected

We've made only modest revisions to our economic growth outlook this month; our expectation for real Gross Domestic Product (GDP) growth in 2024 is unchanged at 1.6 percent, while our outlook for 2025 was revised upward one-tenth to 2.0 percent. More notably, given the two softer-than-expected Consumer Price Index (CPI) reports in May and June, we have revised downward our inflation forecast. We now expect the CPI to end 2024 at 2.9 percent (previously 3.2 percent), and the Federal Reserve's preferred core Personal Consumption Expenditures (PCE) price measure to be 2.5 percent (previously 2.7 percent). We also now believe that the Federal Reserve is likely to cut rates in September and then again in December.

Home sales remain sluggish as affordability continues to constrain purchase demand, though we have modestly revised upward our existing home sales outlook due to a lower mortgage rate forecast. In contrast, we have downwardly revised our outlook for new home sales. Combined, we expect total home sales to be 4.81 million in 2024 (little changed from 4.82 million previously) and 5.26 million in 2025 (5.27 million previously).

We have also revised upward our quarterly home price forecast and now expect 2024 and 2025 prices, as measured by the Fannie Mae Home Price Index (FNM-HPI), to rise 6.1 percent and 3.0 percent, respectively. This is up from 4.8 percent and 1.5 percent in our April forecast.

The upward revision to our home price outlook drove a corresponding increase to our forecast for origination volumes; however, this was largely offset by a downward revision to our expectation for refinance activity. We now forecast 2024 originations to total \$1.70 trillion (previously \$1.71 trillion) and 2025 total originations to total \$2.11 trillion (previously \$2.07 trillion)

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Incoming Data Point to Below-Trend Growth, Cooling Inflation

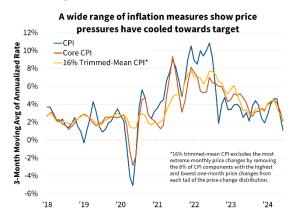
Recent data releases indicate that economic growth is decelerating, principally due to softening consumer spending growth, which was largely in line with our previous forecast. The third release of Q1 2024 GDP showed another downgrade to personal consumption expenditures (PCE) to 1.5 percent annualized; a full percentage point lower than originally reported. Additionally, monthly personal consumption data shows spending has not picked up much in the second quarter, suggesting consumers may finally be retrenching toward a more historically typical saving rate, a dynamic we have long expected. Spending growth in recent years has eclipsed growth in incomes, which we've believed was unsustainable. Business surveys, including contractionary June readings in the Institute of Supply Management's (ISM) manufacturing and services indices, also point to below-trend growth in the near term. As such, we have left our forecast for 2024 Q4/Q4 GDP unchanged at 1.6 percent, a pace below what is believed to be the long-run growth trend.

June employment data has also shown signs of softening. While nonfarm payrolls increased by a relatively solid 206,000, the two prior months were revised downward by a combined 111,000 jobs. This brought the three-month moving average to 177,000, the slowest pace in about three and a half years. The unemployment rate also ticked up another one-tenth to 4.1 percent, four-tenths higher than where it started the year. Measures of unemployment



duration are also pointing to labor market softening. While we aren't yet concerned about significant labor market deterioration, as household balance sheets are solid in aggregate, incomes continue to grow, and unemployment claims remain in a normal range, historically, rises in the unemployment rate of the magnitude observed over the past year have often predated economic contractions and, therefore, merit monitoring.

The June print of the CPI was well below consensus expectations and led to a downward revision to our near-term inflation outlook. While the 0.1 percent month-over-month decline in headline inflation was helped by falling energy, vehicle, and airline ticket prices, disinflation was relatively broad-based. Core CPI rose just 0.1 percent over the month and fell to 3.3 percent compared to a year ago, the lowest annual inflation rate in more than three years. The long-awaited slowing in shelter prices also materialized in June, with both rent of primary residence and owners' equivalent rent (OER) registering their smallest monthly gains since 2021. Other core services that were elevated in the first quarter, such as medical care services and motor vehicle insurance, also slowed in the second quarter. While two



reports do not definitively establish a trend, recent inflation data have been encouraging and suggest further sustained progress is likely. We have reinstated our expectation for Federal Reserve rate cuts in both September and December (previously just December), as we believe the combination of slowing labor market conditions and encouraging inflation data will be sufficient for the Fed to begin easing policy soon.

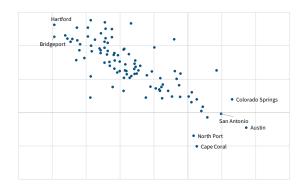
Home Prices Come in Stronger than Expected, Regional Slowing Likely

Home prices rose 3.0 percent in the second quarter on a non-seasonally adjusted basis, as measured by the Fannie Mae Home Price Index, and were up 6.9 percent from a year earlier. While this was stronger appreciation than we had previously forecast, it still represents a deceleration from 7.3 percent annual growth in Q1. We have modestly upgraded our home price outlook for 2024 largely based on these stronger incoming data for the first half of the year, but we continue to expect deceleration going forward as affordability constraints weigh on home purchase demand.

For-sale active listings continue to rise on a year-over-year basis and are now up 37 percent as of June, according to Realtor.com. Despite the rise in listings, the pace of sales remains subdued. Existing home sales are down 2.8 percent from a year ago in May. This growing gap between listings and sales growth is leading to comparative loosening in the housing market as affordability appears to be holding many buyers back. Redfin's demand index, which measures requests for showings and listing views, is down 17 percent from a year ago, while the weekly share of listings experiencing a price cut was 6.5 percent as of the week ending July 7, up from 5.5 percent over the corresponding week a year prior.

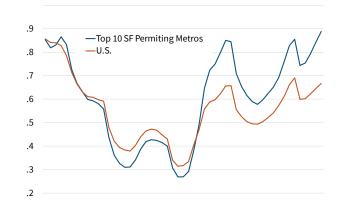


The trend of active listings has varied significantly by region. Sun Belt metros, particularly in Florida and Texas, have experienced larger inventory growth compared to the national average. Total inventories of for-sale homes in these states are at or even a bit above 2018-2019 numbers. While 2018-2019 was still a relatively tight market, the trend in the Sun Belt region continues toward an overall loosening, and buyer demand is softer now compared to before the pandemic. In contrast, most Northeast and Midwest metro areas continue to experience for-sale inventories near recent lows and remain very supply constrained. What can be seen in recent historical data already is that metro areas with the greatest for-sale inventories relative to their pre-pandemic baseline have experienced softer home price growth over the second quarter.



At least some of this regional listing and price divergence is likely due to variations in homebuilding activity over recent years. Many of these sunbelt metros have experienced a comparative boom in building post-pandemic, and this added supply is likely easing some of the price pressures. We also suspect some of the softening demand in Sunbelt areas is due to demand previously being pulled forward following the pandemic, as many households accelerated their retirement move plans and second home purchases.

While metro-area single-family construction permitting data does not yet show a meaningful slowdown in new construction in the regions with the greatest growing supply of existing listings, historically, a looser resale market leads to a slowdown in new construction. We have therefore modestly moved downward our single-family starts and new home sales forecasts to reflect comparative weakening in some of the top-building metros. Still, homebuilders' margins have been strong enough that they appear willing to help drive sales by offering consumers more incentives, so we are still expecting comparatively robust new construction over our forecast horizon – but more modest than previously forecast. We now project total new home sales to be 639,000 in 2024, compared



to 667,000 previously, and 716,000 in 2025, compared to 752,000 previously.



Economic Forecast Changes

Economic Growth

The third estimate of Q1 2024 GDP showed GDP grew at an annualized 1.4 percent, one-tenth above the second estimate. Recent actual data was in line with our expectation of a slowdown in consumer spending growth; therefore, our GDP outlook is essentially unchanged. Our GDP forecast for total yearly growth in 2024 on a Q4/Q4 basis remains at 1.6 percent. Our forecast for growth in 2025 was revised upward by one-tenth to 2.0 percent Q4/Q4.

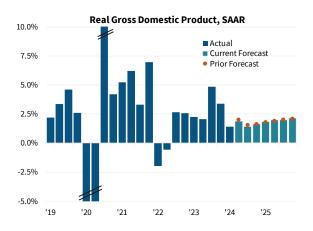
Labor Market

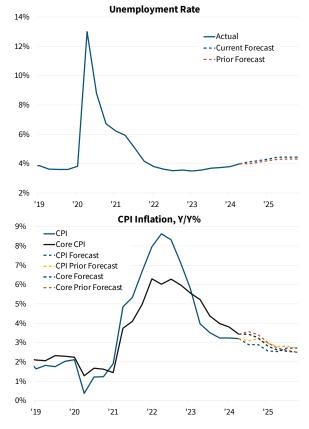
Nonfarm payroll employment growth remained robust in June, growing by 206,000, though estimates for the two prior months were revised downward by a combined 111,000 jobs. The unemployment rate ticked upward one-tenth to 4.1 percent and has now risen three-tenths since March. Given this, we have raised our unemployment rate expectations through the end of 2025, as we continue to expect the labor market to cool gradually.

Inflation & Monetary Policy

Our inflation outlook was revised downward following the weaker-than-expected May and June inflation readings. We continue to forecast inflation to moderate over our forecast horizon.

Given the weaker inflation numbers and signs of cooling in the labor market, our baseline expectation is now that the Fed will cut rates twice this year, in September and December.



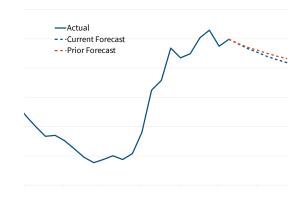




Housing & Mortgage Forecast Changes

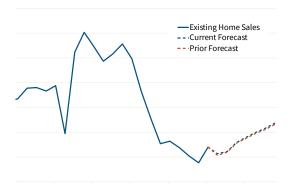
Mortgage Rates

Our mortgage rate forecast for 2024 is unchanged, with a slight downward revision to our outlook for 2025. We continue to forecast the 30-year fixed mortgage rate to average 6.8 percent in 2024, but we now expect an average of 6.4 percent in 2025, down one-tenth from last month's forecast. However, interest rates remain volatile, particularly given changes to Fed policy expectations, which adds risk to our outlook. Following the completion of our beginning-of-the-month interest rate forecast and as of this writing, 10-year Treasury rates have decreased approximately 18 basis points following the June CPI release, leading to some downside risk to our current baseline mortgage rate forecast.



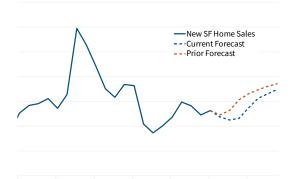
Existing Home Sales

Existing home sales fell slightly to a seasonally adjusted annualized rate (SAAR) of 4.11 million in May. We revised modestly upward our near-term forecast due to the lower mortgage rate path, and we continue to forecast existing sales to trend gradually upward over our forecast horizon.



New Home Sales

New single-family home sales plunged 11.3 percent in May to a SAAR of 619,000, though there was a large upward revision to the April number, leaving the average of new sales in April and May modestly above our second quarter forecast. However, continued increases in available existing homes-for-sale in key regions suggest demand for new homes will cool, and that there may be more downward momentum in the near term than previously expected.





Single-Family Housing Starts

We've revised downward our expectation for single-family starts, as incoming data point to a weaker near-term outlook for single-family construction. Starts fell in May slightly more than expected, and other indicators, such as the continued decline in permits along with the lowest homebuilder confidence reading this year, suggest a lower path.

Multifamily Housing Starts

We have downgraded our multifamily housing starts forecast based on a reassessment of incoming data. While the multifamily starts series is notoriously volatile, we expect construction to remain subdued in the near term. However, we believe demographic trends are likely to continue to support further multifamily construction in the intermediate term.

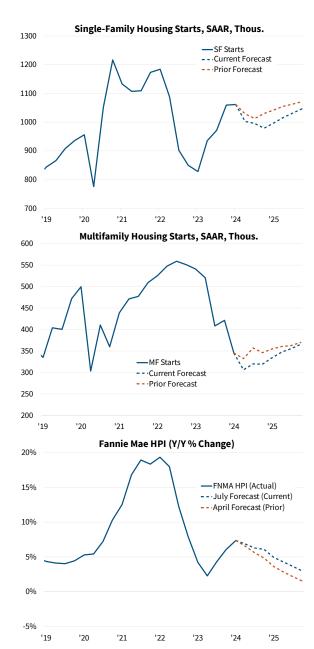
Single-Family Home Prices

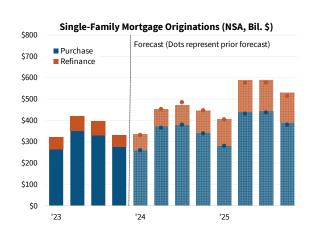
Home prices grew 6.0 percent Q4/Q4 in 2023, according to the most recently published non-seasonally adjusted Fannie Mae Home Price Index (FNM-HPI), a downgrade of six-tenths from last quarter's estimate. We now forecast national home prices to rise 6.1 percent in 2024 and 3.0 percent in 2025 on a Q4/Q4 basis, upward revisions of 1.2 and 1.4 percentage points, respectively. Our next home price update will be in October.

Single-Family Mortgage Originations

This month we have upgraded our expectation for 2024 purchase origination volumes by \$14 billion from the prior month's forecast, driven by our higher home price growth expectations. We now expect home prices to grow 6.1 percent in 2024 compared to 4.8 percent in the prior forecast. In 2025, we expect purchase volumes to grow by 14 percent year over year to \$1.6 trillion, representing an upgrade of \$26 billion from last month's forecast.

We have downgraded our expectation for refinance originations in 2024 by \$26 billion relative to last month's forecast to \$346 billion, in line with recent data on mortgage applications from the Fannie Mae Refinance Application-Level Index (RALI). We expect







refinance volumes to grow to \$563 billion in 2025 as home prices continue to rise and mortgage rates gradually fall.



Economic Forecast Table

Economic Forecast: July 2024

Economic Forceastratty 2021	2023				2024					202	25				
	23.1	23.2	23.3	23.4	24.1	24.2	24.3	24.4	25.1	25.2	25.3	25.4	2023	2024	2025
Percent Change: Quarterly SAAR, Annual Q4/Q4	ı														
Gross Domestic Product	2.2	2.1	4.9	3.4	1.4	1.9	1.4	1.6	1.8	2.0	2.0	2.2	3.1	1.6	2.0
Personal Consumption Expenditures (PCE)	3.8	0.8	3.1	3.3	1.5	1.9	1.6	1.8	1.9	1.9	2.0	2.2	2.7	1.7	2.0
Residential Fixed Investment	-5.3	-2.2	6.7	2.8	16.0	-6.2	-5.2	-5.2	1.7	5.8	6.7	7.1	0.4	-0.6	5.3
Business Fixed Investment	5.7	7.4	1.4	3.7	4.4	6.2	2.1	2.6	2.8	2.6	2.2	2.2	4.6	3.8	2.5
Government Consumption & Investment	4.8	3.3	5.8	4.6	1.8	0.4	1.2	0.7	0.7	0.6	0.6	0.6	4.6	1.0	0.6
Billions of Chained 2012\$															
Net Exports	-1243	-1231	-1236	-1225	-1272	-1341	-1337	-1331	-1334	-1335	-1349	-1358	-1234	-1320	-1344
Change in Business Inventories	28	16	81	57	30	84	79	77	74	75	80	82	45	67	78
Percent Change: Quarterly YoY, Annual Q4/Q4															
Consumer Price Index	5.7	4.0	3.6	3.2	3.2	3.2	2.9	2.9	2.6	2.5	2.7	2.7	3.2	2.9	2.7
Core Consumer Price Index (ex. Food & Energy)	5.5	5.2	4.4	4.0	3.8	3.5	3.4	3.2	2.8	2.6	2.5	2.5	4.0	3.2	2.5
PCE Chain Price Index	5.0	3.9	3.3	2.8	2.6	2.6	2.4	2.5	2.2	2.2	2.4	2.4	2.8	2.5	2.4
Core PCE Chain Price Index (ex. Food & Energy)	4.8	4.6	3.8	3.2	2.9	2.6	2.7	2.7	2.4	2.3	2.3	2.3	3.2	2.7	2.3
Change: Quarterly Avg Mo. Chg, Thous., Annual	Mil.														
Employment, Total Nonfarm	305	274	213	212	267	177	143	132	137	135	137	138	3.0	2.2	1.6
Percent Change: Q4/Q4													1.9	1.5	1.0
Percent: Quarterly Avg, Annual Avg															
Unemployment Rate	3.5	3.6	3.7	3.7	3.8	4.0	4.1	4.2	4.3	4.4	4.5	4.4	3.6	4.0	4.4
Federal Funds Rate	4.5	5.0	5.3	5.3	5.3	5.3	5.3	5.0	4.8	4.7	4.5	4.3	5.0	5.2	4.6
10-Year Treasury Note Yield	3.6	3.6	4.2	4.4	4.2	4.4	4.3	4.3	4.3	4.3	4.3	4.3	4.0	4.3	4.3

Forecast values as of July 11, 2024

Note: Interest rate forecasts are based on rates from June 28, 2024; all other forecasts are based on the date above.

Note: Unshaded areas denote actuals. Shaded areas denote forecasts.

Sources: Actuals: Bureau of Economic Analysis, Bureau of Labor Statistics, Federal Reserve Board. Forecasts: Fannie Mae Economic and Strategic Research



Housing Forecast Table

Housing Forecast: July 2024

	2023				2024				2025						
	23.1	23.2	23.3	23.4	24.1	24.2	24.3	24.4	25.1	25.2	25.3	25.4	2023	2024	2025
SAAR, Thous. Units															
Total Housing Starts	1,369	1,455	1,380	1,481	1,407	1,310	1,316	1,298	1,332	1,363	1,387	1,412	1,420	1,333	1,373
Percent Change: YoY													-8.5	-6.1	3.1
Single-Family (1 Unit)	828	935	972	1,060	1,062	1,003	995	979	997	1,016	1,031	1,046	948	1,010	1,022
Percent Change: YoY													-5.7	6.6	1.2
Multifamily (2+ Units)	541	520	409	421	345	306	320	319	335	348	355	366	472	323	351
Percent Change: YoY													-13.7	-31.7	8.7
Total Home Sales	4,953	4,885	4,702	4,526	4,864	4,705	4,734	4,927	5,072	5,212	5,307	5,429	4,756	4,807	5,255
Percent Change: YoY													-16.1	1.1	9.3
New Single-Family	636	698	682	646	664	637	625	632	674	713	731	749	666	639	716
Percent Change: YoY													3.9	-4.0	12.0
Existing (Single-Family, Condos/Co-Ops)	4,317	4,187	4,020	3,880	4,200	4,068	4,109	4,295	4,398	4,499	4,576	4,680	4,090	4,168	4,538
Percent Change: YoY													-18.7	1.9	8.9
Percent Change: Quarterly YoY, Annual Q4/Q4															
Fannie Mae HPI	4.2	2.3	4.3	6.0	7.3	6.9	6.3	6.1	4.9	4.3	3.7	3.0	6.0	6.1	3.0
Percent: Quarterly Avg, Annual Avg															
30-Year Fixed Rate Mortgage	6.4	6.5	7.0	7.3	6.7	7.0	6.8	6.7	6.5	6.4	6.3	6.2	6.8	6.8	6.4
NSA, Bil. \$, 1-4 Units															
Single-Family Mortgage Originations	323	421	397	329	334	451	472	445	406	588	590	530	1,470	1,702	2,113
Purchase	265	351	331	275	260	374	380	341	280	439	443	388	1,222	1,356	1,550
Refinance	58	70	65	54	74	77	92	103	125	149	147	142	248	346	563
Refinance Share (Percent)	18	17	16	16	22	17	19	23	31	25	25	27	17	20	27
Forecast values as of July 11 2024															

Forecast values as of July 11, 2024

Note: The Fannie Mae HPI forecast is updated on the first month of every quarter. Interest rate forecasts are based on rates from June 28, 2024; all other forecasts are based on the date above.

Note: All mortgage originations data are Fannie Mae estimates as there is no universal source for market-wide originations data.

Note: Unshaded areas denote actuals. Shaded areas denote forecasts.

Sources: Actuals: Census Bureau, National Association of REALTORS®, Freddie Mac - Forecasts: Fannie Mae Economic and Strategic Research

Economic & Strategic Research (ESR) Group

July 15, 2024

For a snapshot of macroeconomic and housing data between the monthly forecasts, please read ESR's <u>Economic and Housing</u> Weekly Notes.

Data sources for charts: Bureau of Labor Statistics, Realtor.com, Zillow, Fed Reserve Bank of Cleveland

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