Housing Market Indicators Overall Showed Improvement in the Third Quarter

Housing market activity generally showed progress in the third quarter of 2023. New construction rose for single-family homes but declined for multifamily housing. Purchases rose for new homes but fell for existing homes, and the inventory of homes for sale increased for new and existing homes. The seasonally adjusted (SA) Federal Housing Finance Agency (FHFA) and CoreLogic Case-Shiller® repeat-sales house price indices showed year-over-year increases in house prices accelerated. Homeownership affordability and rental affordability declined.

Based on its National Delinquency Survey, the Mortgage Bankers Association (MBA) reported that the overall mortgage delinquency rate rose in the third quarter. According to ATTOM Data Solutions, newly initiated foreclosures declined but completed foreclosures rose. The U.S. Census Bureau reported an increase in the national homeownership rate to 66.0 percent from 65.9 percent in the previous quarter. According to the Bureau of Economic Analysis second estimate, the U.S. economy grew at a seasonally adjusted annual rate (SAAR) of 5.2 percent in the third quarter following 2.1-percent growth in the second quarter. Real residential investment, which includes investment in new homes and the remodeling of existing homes, rose 6.2 percent following a 2.2-percent decline in the second quarter and contributed 0.24 percentage points to real GDP growth, following a 0.09-percentage-point deduction in the second quarter.

Housing Supply

New construction rose for single-family homes but fell for multifamily housing. Housing starts on singlefamily homes, at 968,000 units (SAAR) in the third quarter of 2023, rose 4.11 percent from the previous quarter (930,000 units) and were 7.4 percent higher than one year ago. The pace of single-family housing starts is 75 percent of the average annual rate (AR) of 1.29 million units in the years from 2000 to 2002, before the housing bubble began. Multifamily housing starts (5+ units in a structure), at 389,000 units (SAAR) in the third quarter, were down 23.4 percent from the previous quarter (508,000 units) and 26.2 percent lower than one year ago. The pace during the period prior to the housing bubble (2000-2002) was 300,000 units (AR). Multifamily housing starts have bounced back faster than single-family starts during the housing recovery from the foreclosure crisis and Great Recession (2007-2009). Historically, new construction of singlefamily and multifamily housing has averaged respective market shares of 72 and 24 percent, with two- to four-unit structures making up the rest of the market. The shares of single-family and multifamily housing starts were at respective rates of 71 and 28 percent in the third quarter. Although multifamily housing construction has been adding units at a fast pace, it has not kept up with demand. Total housing starts were down 5.7 percent from the previous quarter and 5.5 percent lower over the four-quarter period.

The inventory of homes on the market rose for new and existing homes. The listed inventory of new homes for sale at the end of the third quarter was 433,000 units (SA), an increase of 0.9 percent from the previous quarter (429,000 units) but 5.9 percent lower than one year ago. The supply of new homes on the market would support 7.2 months of sales at the current sales

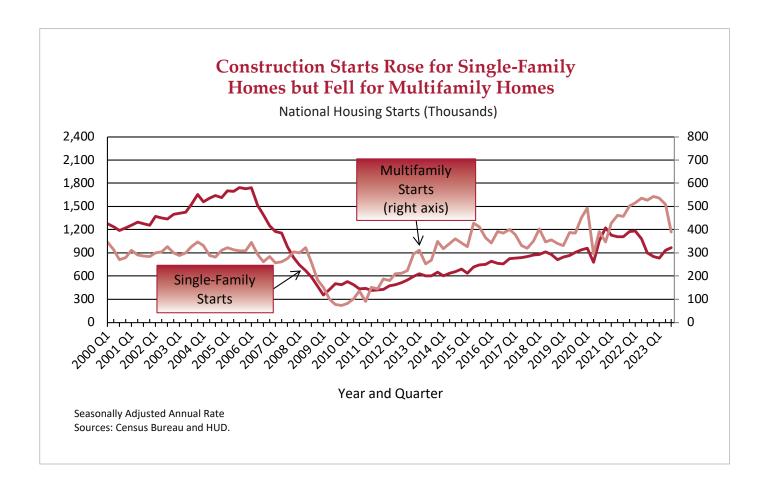
¹ Whether the change in a variable is statistically significant or the statistical significance is unavailable is noted in the tables at the end of the report.



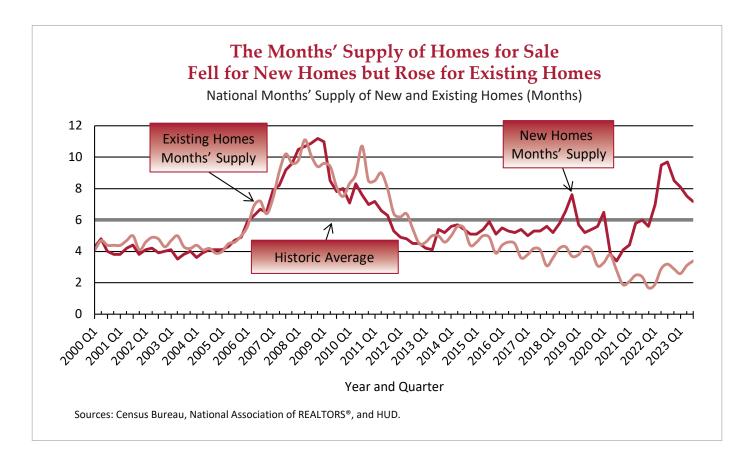
PDR

pace, down from 7.5 months in the second guarter due to an increase in sales. The months' supply was 9.7 months in the third quarter of 2022. The listed inventory of existing homes for sale, at 1.13 million units, was up 5.6 percent from 1.07 million units in the second guarter but 8.1 percent lower over the four-quarter period. That inventory represents a 3.4-month supply of homes for sale, up from 3.1 months the previous guarter and 3.2 months last year. The long-term average for months' supply of homes on the market is about 6.0 months. An increase in inventories when months' supply is low usually improves home sales because the low ratio of inventories to sales indicates that if more homes were offered for sale, they would be purchased. Because many owners have very low interest rate mortgages compared with current rates, selling and moving to a new home of a similar price would result in much higher housing expenses, making homeowners less

willing to sell and move and, thereby, restricting the inventory of homes for sale. Historically, the National Association of REALTORS® (NAR) annual survey, Profile of Home Buyers and Sellers, found that homeowners typically remained in their homes for six to seven years. After the Great Recession (2007-2009), the typical tenure increased to nine or ten years, a factor that has contributed to low inventories. In 2021, the national median number of years homeowners owned their homes before selling dropped from ten years to eight years, the largest single-year change in tenure length in the history of the NAR data set. The results from NAR's 2021 Profile, during the COVID-19 pandemic, proved to be an aberration, however. The median tenure length returned to ten years in NAR's 2022 Profile (https://www. nar.realtor/research-and-statistics/research-reports/ highlights-from-the-profile-of-home-buyers-and-sellers).







Housing Demand

Sales increased for new homes but declined for existing housing. Purchases of new single-family homes, at 703,000 units (SAAR) in the third quarter, were up 1.8 percent from 691,000 in the previous quarter and 20.7 percent higher over the four-quarter period. The annual pace of new home sales was 771,000 in 2021 and 641,000 in 2022. The NAR reported that existing homes—including single-family homes, townhomes, condominiums, and cooperatives-sold at a pace of 4.02 million units (SAAR) in the third quarter, down 5.4 percent from 4.25 million in the previous quarter and 15.8 percent lower than a year ago. Previously owned homes sold at an annual pace of 6.12 million in 2021 and 5.03 million in 2022. Sales to first-time buyers accounted for 29 percent of all sales transactions, up slightly from 28 percent in the second quarter and below the historic norm of 39 percent. Higher mortgage rates, low sales inventory, slower growth in income compared with home prices (up until the past three quarters), and more stringent bank lending standards have recently hampered sales growth. Historically, existing home

sales have accounted for 85 percent of the market, with new home sales representing the remaining 15 percent. The share of existing home sales began to rise in 2007, reaching a high of 94 percent in 2011. The current market shares of existing and new home sales are at their historic norms, with respective rates of 85 and 15 percent. In terms of average sales, the ratio of existing to new home sales historically has been 6 to 1. The current ratio is also 6 to 1; that ratio has fallen since 2011, when it reached 14 to 1.

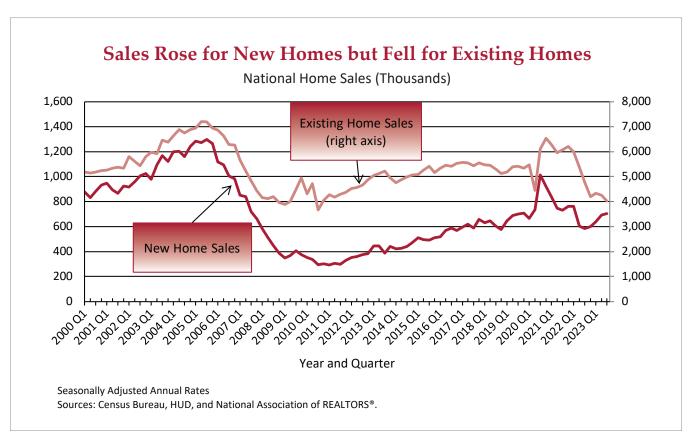
Annual house prices accelerated in the third quarter for the first time since the first quarter of 2022, with annual increases ranging between 2.5 and **5.5 percent.** The FHFA (SA) purchase-only repeatsales house price index showed U.S. home prices increasing at a 2.1-percent rate in the third quarter, up from a 1.9-percent pace in the previous quarter. House prices rose at an annual pace of 5.5 percent, up from a 3.2-percent annual gain in the second quarter. The CoreLogic Case-Shiller® (SA) national repeat-sales



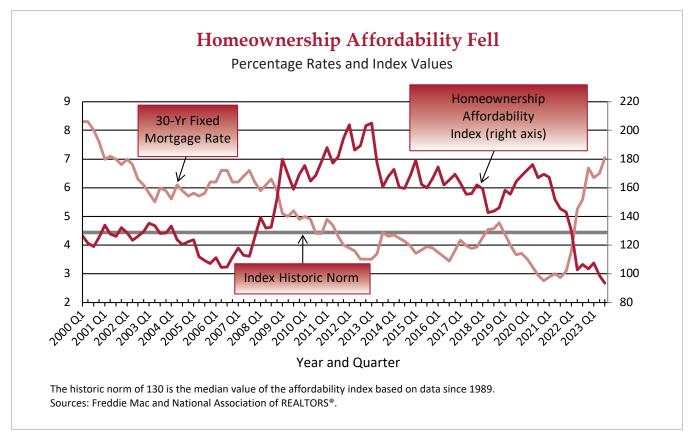
home price index estimated a 2.2-percent rise in house prices for the third quarter, up from 1.6 percent in the second quarter. House values increased over the fourquarter period by 2.5 percent, up from the previous quarter's annual decline of 0.18-percent. General prices and wages showed respective annual gains of 3.5 and 4.3 percent for the third quarter; thus, house price appreciation was either higher or lower than increases in the general price level and wages, depending on which price index is used as a reference. Mortgage financing became more expensive as the Federal Reserve raised interest rates, a process that began in April 2022. As a result, home price growth began to slow. The last time the Fed raised interest rates was in July 2023. The FHFA index differs from the CoreLogic Case-Shiller® index mainly because the FHFA index, unlike the CoreLogic Case-Shiller® index, is based on sales financed only with mortgages that have been sold to or guaranteed by Fannie Mae and Freddie Mac, excludes sales transactions associated with subprime and some "jumbo" loans, and is transaction weighted rather than value weighted. According to NAR, distressed sales, which tend to sell at lower prices, accounted for 1 percent of all existing home sales, slightly lower than

2 percent in the previous quarter but the same as one year ago. Investor purchases, which tend to put upward pressure on prices, accounted for 17 percent of existing home sales, the same as in the previous quarter but up from 15 percent one year ago.

The absorption rate rose for new condominiums and cooperatives and for new apartments. Of newly completed condominiums and cooperatives in the second quarter, 83 percent sold within 3 months, up from 80 percent in the previous quarter and 70 percent one year ago. Of new apartments completed in the second quarter, 65 percent were leased within the ensuing 3 months, up from 57 percent in the previous quarter but down from 72 percent the previous year. A faster absorption rate of new condominiums and apartments indicates greater demand for these units or a lower supply. In the second quarter of 2023, 3,500 new condominiums and cooperatives were built, down 8 percent from 3,800 in the previous quarter and down 31 percent from 5,100 one year ago. The high absorption rate and low supply of condos and co-ops may encourage more builders to enter the market.







The affordability of purchasing a home fell to a new low point in the third quarter of 2023. The NAR Housing (Homeownership) Affordability Index (HAI), at 93.5 in the third quarter, was down 5.4 percent from the previous quarter and 12.1 percent year over year. The previous low for the quarterly fixed-rate HAI was 98.8 in the second guarter of 2023; the index has fallen below 100.0 only one other time since the survey's inception in 1989: the second quarter of 1989 (98.4). The decrease in the ability to purchase a home resulted from a 54-basispoint increase in the mortgage rate and a 1.4-percent rise in the median price of a single-family home, which more than offset a 1.2-percent rise in Median Family Income. The homeownership affordability index peaked in the first quarter of 2013, at 205.2, and fell sharply through the third quarter of 2013, as home prices climbed and mortgage rates rose. Moderate changes in mortgage rates and fluctuating median house prices caused the series to oscillate between the third quarter of 2013 and mid-2018, but it improved through the first quarter of 2021, as mortgage rates hovered near historically low levels. Affordability began to fall again with sharp increases in house prices and, more recently, mortgage rates. (An HAI value of less than 100 indicates that a household with

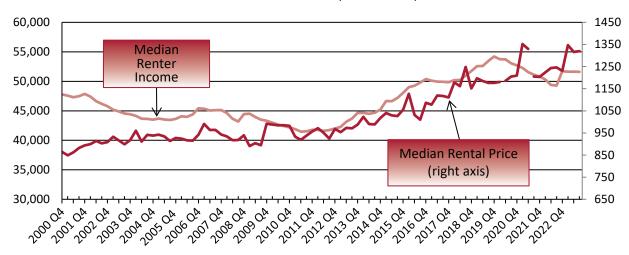
Median Family Income has less income than typically required to purchase a median-priced home under current underwriting standards. Note that quarterly purchase prices reflect seasonal changes in prices.)

The affordability of renting a home declined marginally in the third quarter of 2023. The U.S. Department of Housing and Urban Development (HUD) Rental Affordability Index (RAI), at 97.8 in the third quarter, slipped 0.3 percent from 98.1 in the previous quarter and was down 1.1 percent year over year. The decrease in the affordability of leasing a home resulted from a 0.3-percent rise in the inflation-adjusted median price of leased homes and a slight decrease (0.03-percent) in the inflation-adjusted median income of renter households. After reaching a high point in the first quarter of 2001, the ability to lease a home has declined for the most part, reaching lows below 100.0 in the second and third quarters of 2022 and the first three quarters of 2023. The ability to rent a home is currently down 30 percent from its peak at the beginning of 2001. (A RAI value of less than 100 indicates that a renter household with median income has less income than typically required to lease a medianpriced rental home. Note that quarterly rental prices reflect seasonal changes in prices.)



The Affordability of Renting Has Declined as Rising Rents Outpace Income Growth*

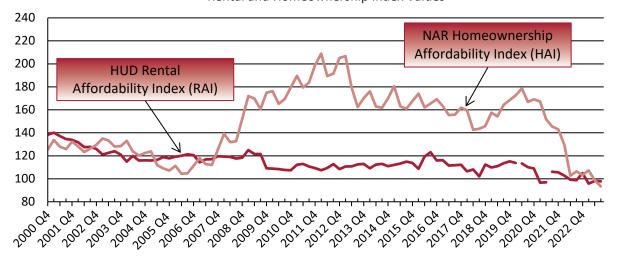
Income and Rents (2022 Dollars)



* NOTE: The Q2 2020 - Q2 2021 Median Rental Prices (MRP) are partially based on CPS/HVS surveys conducted under COVID-19 restrictions and should be viewed with caution. Normal data collection procedures resumed for Q3 2021. The MRP is also based on ACS median rental prices for recent movers; the 2020 data are unavailable due to COVID restrictions. Quarterly rental prices reflect seasonal changes in prices. Prices and income are in current dollars. Sources: Census ACS, BLS CPI, CES, CPS/HVS, and HUD.

Rental Affordability Remains a Challenge **Due to Rising Rents***

Rental and Homeownership Index Values



* NOTE: The Q2 2020 - Q2 2021 Median Rental Prices (MRP) underlying the RAI are partially based on CPS/HVS surveys conducted under COVID-19 restrictions and should be viewed with caution. Normal data collection resumed for Q3 2021. The RAI is also based on ACS median rental prices for recent movers; the 2020 data are unavailable due to COVID. The quarterly purchase and rental prices underlying the HAI and RAI reflect seasonal changes in prices. Sources: NAR®, Census ACS, BLS CPI, CES, CPS/HVS, and HUD.





Housing Finance and Investment

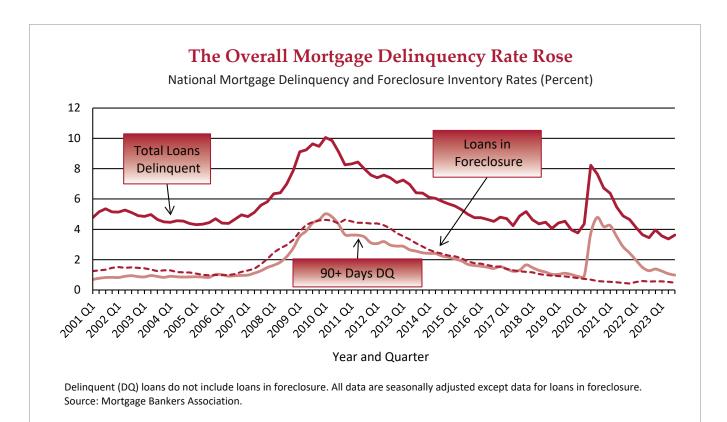
The overall mortgage delinquency rate increased in the third quarter. The delinquency rate on mortgages of one- to four-unit residential properties was 3.62 percent (SA) in the third quarter, up from 3.37 percent in the second guarter and 3.45 percent in the third quarter of 2022, according to MBA's quarterly National Delinquency Survey (NDS). The third quarter 3.62-percent delinquency rate represents 1.93 million borrowers. The second quarter 2023 delinquency rate of 3.37 percent was the lowest overall delinquency rate since the survey's inception in 1979; the historic average overall delinquency rate is 5.32 percent. Mortgage delinquency rates rose for all loan types. The conventional delinquency rate increased to 2.50 percent from 2.29 percent; the Federal Housing Administration (FHA) delinquency rate increased to 9.50 percent from 8.95 percent; and the U.S. Department of Veterans Affairs (VA) delinquency rate increased to 3.76 percent from 3.70 percent. Note that loans in forbearance are recorded as delinquent in the MBA survey if payments are not made based on the original terms of the mortgage. The MBA Forbearance Survey estimates that 155,000 mortgages were in forbearance at the end of the third quarter, but some of those borrowers (11.6 percent) were up to date on their mortgage payments and would not be recorded as delinquent in the MBA NDS. The MBA seriously delinquent rate (90 or more days delinquent or in the foreclosure process) was 1.52 percent, down from 1.61 percent in the second guarter and 1.90 percent one year ago; the historic norm is 2.80 percent. At 0.14 percent of active loans, the foreclosure start rate was up from 0.13 percent in the previous quarter but down from 0.15 percent one year ago. The survey low of newly initiated foreclosures is 0.03 percent, and the historic average is 0.41 percent. The percentage of loans in the foreclosure process was 0.49 percent, down from 0.53 percent in the previous quarter and 0.56 percent last year and well below the historic norm of 1.43 percent.

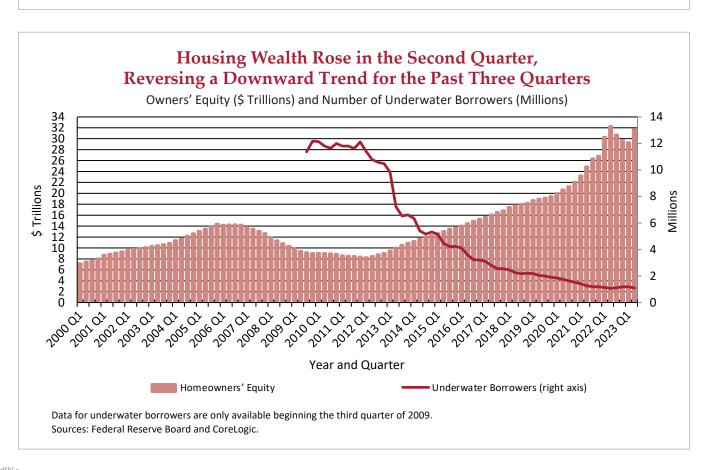
Newly initiated foreclosures fell but completed foreclosures rose. According to ATTOM Data Solutions®, foreclosure starts—default notices or scheduled foreclosure auctions, depending on the state—were filed for the first time on 68,950 U.S.

properties in the third quarter of 2023, down 1.1 percent from the previous quarter but up 2.5 percent from a year ago. The pre-crisis average of foreclosure starts in 2005 and 2006 was 156,800 per quarter. Lenders completed the foreclosure process (bank repossessions or REO [real estate owned] properties) on 11,000 U.S. properties in the third quarter, up 8.4 percent from the previous quarter and 4.8 percent from one year ago. The pre-crisis (2005 and 2006) average of foreclosure completions was 69,400 per quarter. The federal government moratorium on residential foreclosures during the pandemic ended September 30, 2021. In the year following the moratorium, foreclosure starts rose 167.9 percent (although calculated on a low base) from 25,100 in the third guarter of 2021 to 67,250 in the third quarter of 2022, and completed foreclosures increased 39.1 percent from 7,550 in the third guarter of 2021 to 10,500 in the third quarter of 2022.

Homeowners' equity increased in the second quarter, and the number of underwater borrowers fell. The Federal Reserve reported that homeowners' equity (total property value less mortgage debt outstanding) increased 8.0 percent, or \$2.342 trillion, in the second quarter of 2023 (the data are reported with a lag), following a decline of \$353 billion in the first guarter of 2023. Homeowners' equity now stands at more than \$31.6 trillion, down from a peak of more than \$32.2 trillion in the second guarter of 2022. Owners' equity grew by nearly \$2.9 trillion in 2022. An increase in homeowners' equity reflects house price appreciation, fewer distressed borrowers, and increased principal repayment, with house price gains the largest explanatory factor. For the second guarter of 2023 (the data are reported with a lag), CoreLogic estimated the number of underwater borrowers (those who owe more on their mortgage than the value of their home) decreased by 75,000 from the first guarter to 1.111 million homes, or 2.0 percent of residential properties with a mortgage, but were 47,000 higher than one year ago. The number of underwater borrowers rose by 55,000 in the third quarter of 2022 for the first time since 2018. Since the beginning of 2012, the number of underwater borrowers is down 91 percent—from 12.108 to 1.111 million—or by 10.997 million homeowners.









Homeownership and Housing Vacancy

The national homeownership rate increased to 66.0

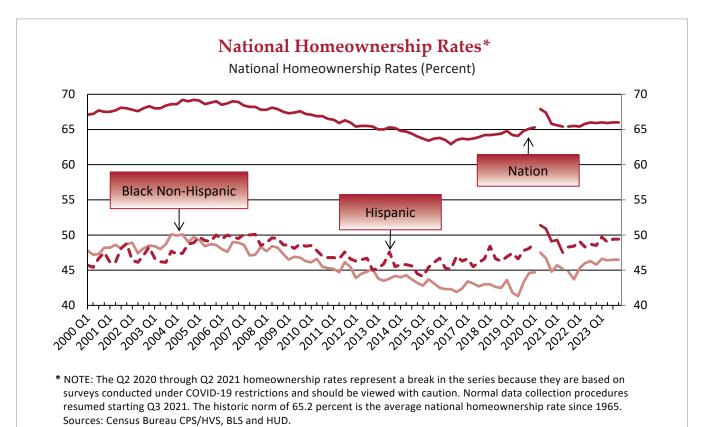
percent in the third quarter from 65.9 percent in the second quarter and was the same as one year ago. The historic norm for the national homeownership rate since 1965 is 65.2 percent; it reached a high of 69.2 percent in the second and fourth quarters of 2004. For the third quarter of 2023, the Census Bureau reported that the homeownership rate for White non-Hispanic households stayed the same at 74.5 percent; for Black non-Hispanic households, the rate increased to 46.5 percent from 46.4 percent; and for Hispanic households, the rate rose to 49.4 percent from 49.0 percent. The homeownership rate for other-race non-Hispanic households increased to 62.5 percent from 61.5 percent in the second quarter; the homeownership rate for two-or-more-races non-Hispanic households fell to 50.7 percent from 53.4 percent in the previous quarter. Compared with the early 2000s, the relatively low homeownership rates reflect the subprime lending crisis and the high rates of unemployment and underemployment as a result of the severe 2007–2009 recession. More recently, rising mortgage rates, low inventories of homes for sale, slower income growth relative to house prices (except for the past three quarters), and relatively restrictive mortgage credit have affected homeownership. Note that the Census Bureau resumed normal data collection procedures in the third quarter of 2021, after having implemented restrictions on their survey for five months due to COVID-19.

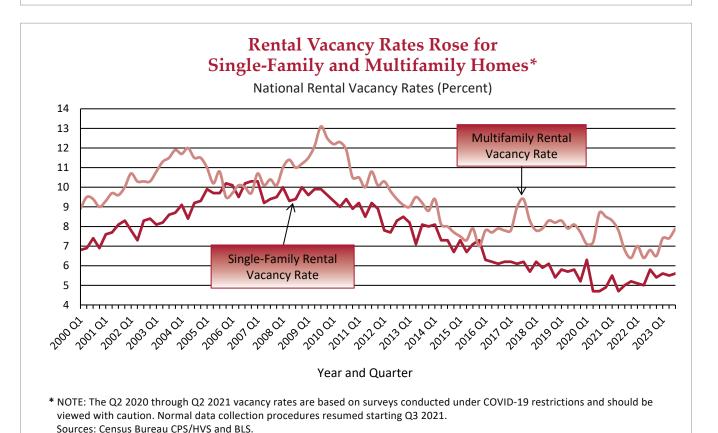
NAR monthly MLS (Multiple Listing Service) data revealed that the share of homebuyers making their first purchase was 29 percent in the third quarter of 2023, up from 28 percent in the previous quarter but the same as the third quarter of 2022. The historic norm for sales to first-time buyers is 39 percent. Numerous studies have found that both high debt-to-income ratios for young adults burdened with student loans and tighter credit and lending standards are key factors in keeping the current homeownership rate relatively low for young adults. A low inventory of homes for sale and relatively high home prices and mortgage rates have also prevented some from becoming homeowners.

The rental market vacancy rate rose for single-family and multifamily housing. The Census Bureau estimate of the overall vacancy rate for the rental market was 6.6 percent in the third quarter, up from 6.3 percent in the previous quarter and 6.0 percent over the four-quarter period. The single-family rental vacancy rate, at 5.6 percent, rose slightly from 5.5 percent in the second quarter but was down from 5.7 percent one year ago. The rental vacancy rate for multifamily units (five or more units in a structure), at 7.9 percent, was up from 7.4 percent in the previous quarter and 6.7 percent one year ago. As with data for the homeownership rate, normal data collection procedures resumed in the third quarter of 2021. In addition to single-family and multifamily homes, the overall vacancy rate includes homes with two to four units in a structure.

The number of households increased in the third quarter. According to the Census Bureau, the number of U.S. households, at 130.4 million in the third quarter of 2023, increased 0.2 percent from the second quarter and has grown 1.3 percent so far this year. Household growth fell to an annual rate of 0.5 percent during the severe 2007-2009 recession, compared with 1.3-percent growth from 2001 to 2006. In the years immediately following the Great Recession, young people were slow to form households, with an average annual growth rate of only 0.7 percent from 2010 to 2013. The pace picked up from 2014 to 2019, with an average annual growth rate of 1.1 percent. Data on the number of households for the second quarter of 2020 through the second quarter of 2021 were collected under COVID-19 restrictions and should be viewed with caution. Based on data collected only under normal collection procedures (122.9 million households in 2019 and 127.3 million for the last two quarters of 2021), the annual rate of growth for 2020 and 2021 was estimated to be 1.8 percent. An estimated household growth rate for 2022, also based only on data collected under normal procedures (127.3 million for the last two quarters of 2021), was 0.8 percent.









The table below summarizes quarterly changes in national housing indicators, comparing current quarter data to the previous quarter and year-ago quarter.

U.S. NATIONAL HOUSING INDICATORS

Note: Change from Prior Period May be Shown as a Percent Change or Percentage-Point Change

Indicator	Current Quarter	Previous Quarter	;	Year-Ago Quarter	Ü	om	Change Fr Year-Ag Quarter	0	Current Quarter as-of Date
	HOUSIN	NG SUPPLY							
Housing Permits (SAAR, thousands)									Q3 2023
Total	1,485	1,451		1,611	2.3%	(u)	-7.8%	(u)	
Single-Family	947	894		889	5.9%	(u)	6.5%	(u)	
Multifamily (5+)	486	503		668	-3.3%	(u)	-27.2%	(u)	
Housing Starts (SAAR, thousands)									Q3 2023
Total	1,367	1,450	(r)	1,446	-5.7%	(n)	-5.5%	(n)	
Single-Family	968	930	(r)	901	4.1%	(n)	7.4%	(s)	
Multifamily (5+)	389	508	(r)	528	-23.4%	(s)	-26.2%	(s)	
Under Construction (SA, thousands)									Q3 2023
Total	1,676	1,692	(r)	1,698	-0.9%	(n)	-1.3%	(n)	
Single-Family	673	684	(r)	791	-1.6%	(n)	-14.9%	(s)	
Multifamily (5+)	986	991	(r)	889	-0.5%	(n)	10.9%	(s)	
Housing Completions (SAAR, thousands)									Q3 2023
Total	1,394	1,481	(r)	1,396	-5.9%	(s)	-0.1%	(n)	
Single-Family	991	998	(r)	1,024	-0.7%	(n)	-3.2%	(n)	
Multifamily (5+)	393	468	(r)	367	-16.0%	(s)	7.1%	(n)	
New Homes for Sale (SA)									Q3 2023
Inventory (thousands)	433	429	(r)	460	0.9%	(n)	-5.9%	(s)	
Months' Supply (months)	7.2	7.5		9.7	-4.0%	(n)	-25.8%	(s)	
Existing Homes For Sale									Q3 2023
Inventory (NSA, thousands)	1,130	1,070		1,230	5.6%	(u)	-8.1%	(u)	
Months' Supply (months)	3.4	3.1		3.2	9.7%	(u)	6.3%	(u)	
Manufactured Home Shipments (SAAR, thousands)	96.0	87.0	(r)	109.0	10.3%	(u)	-11.9%	(u)	Q3 2023

SA = seasonally adjusted. NSA = not SA. SAAR = SA annual rate. r = revised. s = statistically significant. n = not statistically significant. u = statistical significance unavailable.

Note: Components may not add to totals because of rounding.



U.S. NATIONAL HOUSING INDICATORS (continued)

Note: Change from Prior Period May be Shown as a Percent Change or Percentage-Point Change

Indicator	Current Quarter	Previous Quarter	Year-Ago Quarter	Change Fre Previous Quarter	3	Change Fr Year-Age Quarter	0	Current Quarter as-of Date
	HOUSIN							
Home Sales (SAAR)								Q3 2023
New Homes Sold (thousands)								
Single-Family	703	691 (r)	583	1.8%	(n)	20.7%	(s)	
Existing Homes Sold (thousands)								
Single-Family, Townhomes, Condos, Co-ops	4,020	4,250	4,777	-5.4%	(u)	-15.8%	(u)	
Condos and Co-ops	427	440	510	-3.0%	(u)	-16.3%	(u)	
First-Time Buyers (%)	29	28	29	1	(u)	0	(u)	
Investor Sales (%)	17	17	15	0	(u)	2	(u)	
Home Sales Prices								Q3 2023
Median (\$)								
New Homes	431,000	418,500 (r)	468,000	3.0%	(u)	-7.9%	(u)	
Existing Homes	400,867	397,433	391,400	0.9%	(u)	2.4%	(u)	
Repeat-Sales Home Price Indices								
FHFA (SA)	406.4	398.0 (r)	385.4	2.1%	(u)	5.5%	(u)	
CoreLogic Case-Shiller (SA)	309.0	302.5	301.6	2.2%	(u)	2.5%	(u)	
Homeownership Affordability								Q3 2023
Fixed Index	93.5	98.8 (r)	106.4	-5.4%	(u)	-12.1%	(u)	
National Average Mortgage Interest Rate (%)	7.1	6.6	5.7	0.5	(u)	1.5	(u)	
Median-Priced Existing Single-Family Home (\$)	406,867	402,467 (r)	398,067	1.1%	(u)	2.2%	(u)	
Median Family Income (\$)	98,287	97,119 (r)	88,250	1.2%	(u)	11.4%	(u)	
Rental Affordability								
HUD's Rental Affordability Index	97.8	98.1	98.9	-0.3%	(u)	-1.1%	(u)	Q3 2023
Multifamily Housing								
Apartments								
Completed Previous Quarter (thousands)	99.3	83.1 (r)	76.6	19.5%	(s)	29.6%	(n)	Q2 2023
Leased Current Quarter (%)	65	57 (r)	72	8	(s)	-7	(s)	Q3 2023
Median Asking Rent (\$)	1,763	1,849 (r)	1,785	-4.7%	(n)	-1.2%	(s)	
Condos and Co-ops								
Completed Previous Quarter (thousands)	3.5	3.8 (r)	5.1	-7.9%	(n)	-31.4%	(s)	Q2 2023
Sold Current Quarter (%)	83	80 (r)	70	3	(n)	13	(n)	Q3 2023
Median Asking Price (\$)	532,200	490,500 (r)	726,400	8.5%	(s)	-26.7%	(s)	
Manufactured Homes (SAAR)								
Shipped Previous Quarter (thousands)	85.7	85.0 (r)	121.0	0.8%	(u)	-29.2%	(u)	Q2 2023
Sold and Placed Within Four Months (%)1	63.2	54.2	39.3	9.0	(n)	23.9	(s)	Q3 2023
Builders' Views of Market Activity (Composite Index)	50	50	50	0.0%	(u)	0.0%	(u)	Q3 2023

SA = seasonally adjusted. SAAR = SA annual rate. r = revised. s = statistically significant. n = not statistically significant. u = statistical significance unavailable. FHFA = Federal Housing Finance Agency.

Note: Components may not add to totals because of rounding.

¹ The share of previous-quarter shipments sold (or leased) and placed for residential use four months after shipment. For example, for shipments in the first quarter, sales and placements (from January - May) for January shipments; (from February - June) for February shipments; and (from March - July) for March shipments are summed and divided by the total number of homes shipped in the first quarter to obtain the percentage of manufactured homes sold and placed four months after shipment.



U.S. NATIONAL HOUSING INDICATORS (continued)

Note: Change from Prior Period May be Shown as a Percent Change or Percentage-Point Change

Indicator	Current Quarter	Previous Quarter	Year-Ago Quarter	Previous	Change From Year-Ago Quarter	Current Quarter as-of Date
нои	SING FINAN	CE and INVES	STMENT			
Mortgage Interest Rates (%) ²						Q3 2023
30-Year Fixed Rate	7.04	6.49	5.58	0.55 (u)	1.46 (u)	
15-Year Fixed Rate	6.41	5.85	4.84	0.56 (u)	1.57 (u)	
Mortgage Delinquency Rates (%)						Q3 2023
All Loans Past Due (SA)	3.62	3.37	3.45	0.25 (u)	0.17 (u)	
Loans 90+ Days Past Due (SA)	0.98	1.07	1.27	-0.09 (u)	-0.29 (u)	
Seriously Delinquent (90+ Days DQ & in FC, NSA)	1.52	1.61	1.90	-0.09 (u)	-0.38 (u)	
FHA Market Share ³						
Dollar Volume (%)						Q2 2023
All Loans	12.39	11.24 ((r) 8.75	1.15 (u)	3.64 (u)	
Purchase	13.01	11.76 ((r) 9.45	1.25 (u)	3.56 (u)	
Refinance	9.89	9.11	7.10	0.78 (u)	2.79 (u)	
Loan Count (%)						
All Loans	14.79	13.40 ((r) 11.16	1.39 (u)	3.63 (u)	Q2 2023
Purchase	16.01	14.35 ((r) 12.52	1.66 (u)	3.49 (u)	
Refinance	11.23	10.55 ((r) 8.64	0.68 (u)	2.59 (u)	
FHA Mortgage Insurance (thousands) ⁴						Q3 2023
Applications Received	259.64	289.93	280.47	-10.4% (u)	-7.4% (u)	
Endorsements	212.70	193.74	216.03	9.8% (u)	-1.5% (u)	
Purchase	168.86	155.43	168.25	8.6% (u)	0.4% (u)	
Refinance	43.84	38.31	47.78	14.4% (u)	-8.3% (u)	
Private and VA Mortgage Insurance (thousands)						Q3 2023
PMI Certificates	N/A	N/A	N/A	N/A	N/A	
Veterans Affairs Guarantees	106.30	101.72	135.70	4.5% (u)	-21.7% (u)	
$\textbf{Residential Fixed Investment} \ (\text{SA real annual growth rate, } \%)^5$	6.2	-2.2 ((r) -26.4	8.4 (u)	32.6 (u)	Q3 2023
GDP (SA real annual growth rate, %)	5.2	2.1 ((r) 2.7	3.1 (u)	2.5 (u)	
Housing's Contribution to Real GDP Growth (percentage points)	0.24	-0.09 ((r) -1.41	0.33 (u)	1.65 (u)	

SA = seasonally adjusted. NSA = not SA. r = revised. u = statistical significance unavailable. N/A = not available. ARM = adjustable-rate mortgage. DQ = delinquent. FC = foreclosure. FHA = Federal Housing Administration. VA = U.S. Department of Veterans Affairs. PMI = private mortgage insurance. GDP = Gross Domestic Product.

Note: Components may not add to totals because of rounding.



² As of November 2022, Freddie Mac no longer surveys lenders but instead bases its mortgage rate estimates on thousands of applications received from lenders and submitted to Freddie Mac when a borrower applies for a mortgage. In addition, Freddie Mac stopped publishing data on adjustablerate mortgages (ARMs).

³ FHA market share estimates are based on new methodology beginning with the Q3 2013 report; estimates were revised back through Q1 2011. See the FHA Market Share report on their website for an explanation of the new methodology: http://portal.hud.gov/hudportal/HUD?src=/program_ offices/housing/rmra/oe/rpts/fhamktsh/fhamktqtrly.

⁴ FHA mortgage applications and endorsements data have been revised to exclude Home Equity Conversion Mortgages (HECM) beginning with the Q3 2013 release.

⁵ GDP and related data are BEA's second estimate out of the three estimates they publish for a given quarter.

U.S. NATIONAL HOUSING INDICATORS

Note: Change from Prior Period May be Shown as a Percent Change or Percentage-Point Change

Indicator	Current Quarter	Previous Quarter	Year-Ago Quarter	Change From Previous Quarter	Change From Year-Ago Quarter	Current Quarter as-of Date
но	MEOWNERSH	IP and OCCU	PANCY			
Homeownership Rates (%)						Q3 2023
Overall	66.0	65.9	66.0	0.1 (r	0.0 (n)	
Non-Hispanic						
White	74.5	74.5	74.6	0.0 (r	-0.1 (n)	
Black	46.5	46.4	46.3	0.1 (r	0.2 (s)	
Other Race	62.5	61.5	61.9	1.0 (r) 0.6 (n)	
Two or More Races	50.7	53.4	54.8	-2.7 (r	-4.1 (s)	
Hispanic	49.4	49.0	48.7	0.4 (r	0.7 (n)	
Vacancy Rates (%)						Q3 2023
Homeowner	0.8	0.7	0.9	0.1 (s	-0.1 (s)	
Rental	6.6	6.3	6.0	0.3 (r	0.6 (n)	
Single-Family	5.6	5.5	5.7	0.1 (r	-0.1 (n)	
Multifamily (5+)	7.9	7.4	6.7	0.5 (r) 1.2 (n)	
Housing Stock (thousands)						Q3 2023
All Housing Units	145,558	145,149	143,923	0.3% (u) 1.1% (u)	
Owner-Occupied	86,014	85,781	84,914	0.3% (r) 1.3% (s)	
Renter-Occupied	44,372	44,320	43,670	0.1% (r) 1.6% (n)	
Vacant	15,172	15,049	15,340	0.8% (s	-1.1% (s)	
Year-Round Vacant	11,642	11,505	11,732	1.2% (s	-0.8% (n)	
For Rent	3,194	3,022	2,830	5.7% (r) 12.9% (n)	
For Sale	732	651	752	12.4% (r) -2.7% (n)	
Rented or Sold, Awaiting Occupancy	1,018	1,020	992	-0.2% (s) 2.6% (s)	
Held Off Market	6,698	6,812	7,158	-1.7% (s	-6.4% (n)	
Occasional Use	2,001	2,009	2,121	-0.4% (r) -5.7% (n)	
Occupied—URE	1,143	1,174	1,211	-2.6% (r	-5.6% (n)	
Other	3,554	3,629	3,826	-2.1% (s	-7.1% (n)	
Seasonal Vacant	3,529	3,544	3,608	-0.4% (r) -2.2% (n)	
Households (thousands)						Q3 2023
Total	130,386	130,100	128,583	0.2% (s) 1.4% (s)	

s = statistically significant. n = not statistically significant. u = statistical significance unavailable. URE = usual residence elsewhere. Note: Components may not add to totals because of rounding.

