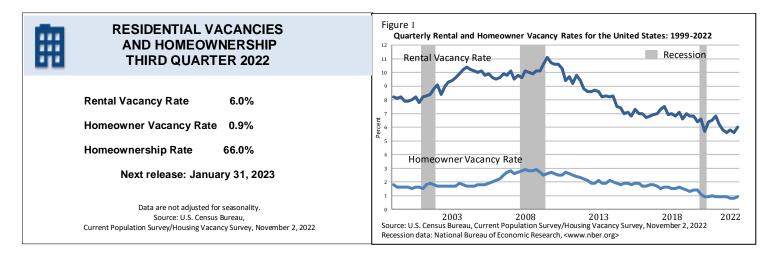
# QUARTERLY RESIDENTIAL VACANCIES AND HOMEOWNERSHIP, THIRD QUARTER 2022

Release Number: CB22-170

**November 2, 2022** — The U.S. Census Bureau announced the following residential vacancies and homeownership statistics for the third quarter 2022:



National vacancy rates in the third quarter 2022 were 6.0 percent for rental housing and 0.9 percent for homeowner housing. The rental vacancy rate was not statistically different from the rate in the third quarter 2021 (5.8 percent) and 0.4 percentage points higher than the rate in the second quarter 2022 (5.6 percent).

The homeowner vacancy rate of 0.9 percent was virtually the same as the rate in the third quarter 2021 (0.9 percent) and not statistically different from the rate in the second quarter 2022 (0.8 percent).

The homeownership rate of 66.0 percent was 0.6 percentage points higher than the rate in the third quarter 2021 (65.4 percent) and not statistically different from the rate in the second quarter 2022 (65.8 percent).

		Rental Vacancy	Rate (percent)		Homeowner Vacancy Rate (percent)				
Year	First	Second	Third	Fourth	First	Second	Third	Fourth	
	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	Quarter	
2022	5.8	5.6	6.0		0.8	0.8	0.9		
2021	6.8	6.2	5.8	5.6	0.9	0.9	0.9	0.9	
2020	6.6	5.7	6.4	6.5	1.1	0.9	0.9	1.0	
2019	7.0	6.8	6.8	6.4	1.4	1.3	1.4	1.4	
2018	7.0	6.8	7.1	6.6	1.5	1.5	1.6	1.5	

### Table 1. Rental and Homeowner Vacancy Rates for the United States: 2018 to 2022

All comparative statements in this report have undergone statistical testing, and unless otherwise noted, all comparisons are statistically significant at the 90 percent significance level. For an explanation of how the rates are calculated, please see the Explanatory Notes at the end of the press release. Explanations of confidence intervals and sampling variability can be found on the CPS/HVS website at: <<u>www.census.gov/housing/hvs</u>>

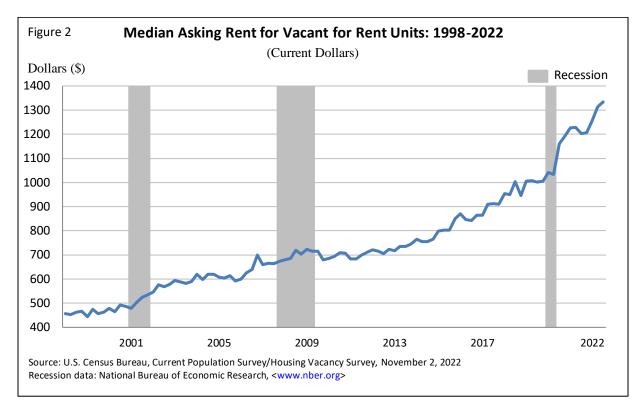
Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

**Data Inquiries** 

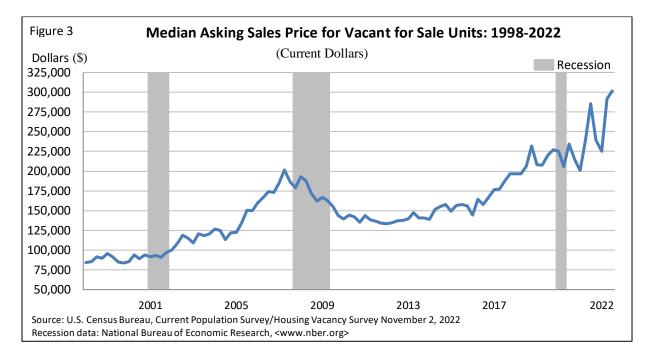
Social, Economic & Housing Statistics Division, Financial & Market Characteristics Branch 301-763-3199 / Robert Callis / Patricia Holley / Daniel Truver sehsd.financial.market.characteristics@census.gov Media Inquiries Public Information Office 301-763-3030 pio@census.gov



In the third quarter 2022, the median asking rent for vacant for rent units was \$1,334.



In the third quarter 2022, the median asking sales price for vacant for sale units was \$301,700.



1. Median asking rent and median asking sales price data for vacant units can be found in Historical Table 11A/B at <<u>www.census.gov/housing/hvs/data/histtabs</u>> 2. The data in figures 2 and 3 are not adjusted for price changes.

#### **Data Inquiries**

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The rental vacancy rates outside MSAs (7.0 percent) and in principal cities (6.5 percent) were not statistically different from each other, but both were higher than the rate in the suburbs (5.3 percent). The rate in the suburbs was higher than the third quarter 2021 rate, but the rates in principal cities and outside MSAs were not statistically different from the third quarter 2021 rate.

The homeowner vacancy rate in principal cities (1.1 percent) was higher than the rates outside MSAs and in the suburbs (0.8 percent each), but the rates in suburbs and outside MSAs were virtually the same. The rate outside MSAs was not statistically different from the rate in third quarter 2021, while the rates in principal cities and suburbs were virtually the same as the third quarter 2021 rates.

The rental vacancy rates were highest in the South (7.3 percent) and Midwest (7.1 percent), followed by the West (4.7 percent), and the rate was lowest in the Northeast (4.0 percent). There was no statistical difference between the rates in the South and Midwest. The rates in the Northeast, Midwest, South, and West were not statistically different from the third quarter 2021 rates.

The homeowner vacancy rates showed no statistically significant differences across regions. The rates in the Northeast (0.9 percent) and South (0.9 percent) were virtually the same, as were the rates in the Midwest (0.8 percent) and West (0.8 percent). The rates in the Northeast and Midwest were not statistically different from the third quarter 2021 rates, and the rates in the South and West were virtually the same as in the third quarter 2021.

	Re	ntal Vacancy	Rates (percer	nt)	Homeowner Vacancy Rates (percent)				
Area/Region	Third	Third	Margins	of Error <sup>a</sup>	Third	Third	Margins of Error <sup>a</sup>		
	Quarter	Quarter	of	of	Quarter	Quarter	of	of	
	2021	2022	2022 rate	difference	2021	2022	2022 rate	difference	
United States	5.8	6.0	0.2	0.3	0.9	0.9	0.1	0.1	
Inside Metropolitan									
Statistical Areas	5.7	5.9	0.3	0.3	0.9	0.9	0.1	0.1	
In principal cities	6.6	6.5	0.4	0.5	1.1	1.1	0.2	0.2	
Not in principal									
cities (suburbs)	4.7	5.3	0.4	0.5	0.8	0.8	0.1	0.1	
Outside Metropolitan									
Statistical Areas	6.4	7.0	0.9	1.0	0.9	0.8	0.2	0.2	
Northeast	4.3	4.0	0.5	0.6	1.0	0.9	0.2	0.2	
Midwest	6.3	7.1	0.7	0.9	0.7	0.8	0.1	0.2	
South	7.2	7.3	0.4	0.5	0.9	0.9	0.1	0.1	
West	4.4	4.7	0.4	0.6	0.8	0.8	0.1	0.2	

# Table 2. Rental and Homeowner Vacancy Rates by Area and Region: Third quarter 2021 and 2022

<sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

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Approximately 89.3 percent of the housing units in the United States in the third quarter 2022 were occupied and 10.7 percent were vacant. Owner-occupied housing units made up 59.0 percent of total housing units, while renter-occupied units made up 30.3 percent of the inventory in the third quarter 2022. Vacant year-round units comprised 8.2 percent of total housing units, while 2.5 percent were vacant for seasonal use. Approximately 2.0 percent of the total units were vacant for rent, 0.5 percent were vacant for sale only and 0.7 percent were rented or sold but not yet occupied. Vacant units that were held off market comprised 5.0 percent of the total housing stock – 1.5 percent were for occasional use, 0.8 percent were temporarily occupied by persons with usual residence elsewhere (URE) and 2.7 percent were vacant for a variety of other reasons.

	Third	Third	Difference	Margins	of Error <sup>b</sup>	Percent of	
Туре	Quarter	Quarter	Between	of 2022	of	total	
	2021 (r)	2022	Estimates	estimate	difference	(2022)	
All housing units	142,265	143,613	1,348	(X)	(X)	100.0	
Occupied	127,060	128,307	1,247	223	295	89.3	
Owner	83,031	84,732	1,701	477	661	59.0	
Renter	44,029	43,575	-454	574	778	30.3	
Vacant	15,206	15,306	100	332	419	10.7	
Year-round	11,686	11,706	20	291	348	8.2	
For rent	2,725	2,824	99	112	148	2.0	
For sale only	723	751	28	57	71	0.5	
Rented or Sold	1,221	989	-232	58	82	0.7	
Held off Market	7,018	7,142	124	234	275	5.0	
For Occ'l Use	2,034	2,116	82	165	179	1.5	
Temp Occ by URE	1,238	1,208	-30	121	143	0.8	
Other <sup>c</sup>	3,746	3,818	72	150	182	2.7	
Seasonal	3,519	3,600	81	221	239	2.5	

# Table 3. Estimates of the Total Housing Inventory for the United States: Third quarter 2021 and 2022<sup>a</sup> (Estimates are in thousands, estimates may not add to total due to rounding)

<sup>a</sup>The housing inventory estimates are benchmarked to the 2020 Census.

<sup>b</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

<sup>c</sup>A detailed breakdown of the 'other' vacant category can be found in Historical Table 18 < <u>www.census.gov/housing/hvs/data/histtabs</u>>

(r) Revised using vintage 2021 housing unit controls. See note below.

X Not Applicable. Since the number of housing units is set equal to an independent national measure, there is no sampling error, and hence no confidence interval. 1. Since first quarter 2003, the Current Population Survey/Housing Vacancy Survey estimates have been controlled to an independent set of housing unit

estimates produced annually by the Census Bureau's Population Division from Census 2000, 2010, and 2020 and updated using building permit data, estimates of housing loss, and other administrative record data. Doing so makes the CPS/HVS estimates of housing units more comparable to other Census Bureau housing surveys controlled to these census-based estimates. The housing unit controls affect the estimate of vacant units in the sense that the estimates of total occupied and vacant units sum to the control total. Vacancy *rates* and homeownership *rates* are not affected by this change.

2. Beginning in the second quarter 2022, the housing inventory estimates are based on vintage 2021 housing unit controls that are projected forward through the current quarter. The third quarter 2021 housing inventory estimates, shown above, reflect vintage 2021 housing unit controls, benchmarked to the 2020 Census. The CPS/HVS historical table series, from the second quarter 2020 through the first quarter 2022, has also been revised based on vintage 2021 housing unit controls. These revised estimates and additional information on terms and definitions can be found at: <<u>www.census.gov/housing/hvs/data/histtabs</u>>

3. For the methodology used in developing the housing unit estimates used for controls in the CPS/HVS, please see the Census Bureau's Population Division website: <<u>www.census.gov/programs-surveys/popest.html</u>>

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

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The homeownership rate of 66.0 percent was higher than the rate in the third quarter 2021 (65.4 percent) and not statistically different from the rate in the second quarter 2022 (65.8 percent).

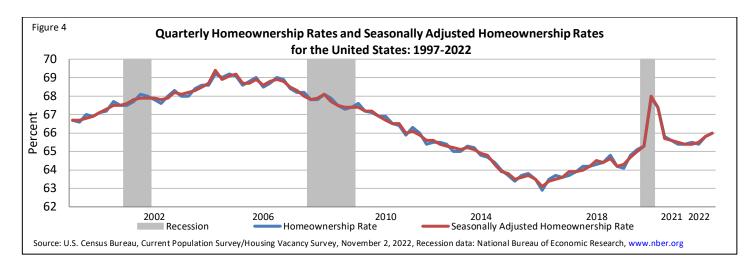


Table 4. Homeownership	Rates for the United States: 2001 to 2022
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			Hc	meownership	Rates (percer	nt)		
Year	First Qu	arter	Second	Quarter	Third C	Quarter	Fourth (	Quarter
	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>
2022	65.4	0.5	65.8	0.5	66.0	0.5		
2021	65.6	0.5	65.4	0.5	65.4	0.5	65.5	0.5
2020	65.3	0.5	67.9	0.5	67.4	0.5	65.8	0.5
2019	64.2	0.5	64.1	0.5	64.8	0.5	65.1	0.5
2018	64.2	0.5	64.3	0.5	64.4	0.5	64.8	0.5
2017	63.6	0.5	63.7	0.5	63.9	0.5	64.2	0.5
2016	63.5	0.5	62.9	0.5	63.5	0.5	63.7	0.5
2015	63.7	0.5	63.4	0.5	63.7	0.5	63.8	0.5
2014	64.8	0.5	64.7	0.5	64.4	0.5	64.0	0.5
2013	65.0	0.5	65.0	0.5	65.3	0.5	65.2	0.5
2012	65.4	0.5	65.5	0.5	65.5	0.5	65.4	0.5
2011	66.4	0.5	65.9	0.5	66.3	0.5	66.0	0.5
2010	67.1	0.5	66.9	0.5	66.9	0.5	66.5	0.5
2009	67.3	0.5	67.4	0.5	67.6	0.5	67.2	0.5
2008	67.8	0.5	68.1	0.5	67.9	0.5	67.5	0.5
2007	68.4	0.5	68.2	0.5	68.2	0.5	67.8	0.5
2006	68.5	0.5	68.7	0.5	69.0	0.5	68.9	0.5
2005	69.1	0.5	68.6	0.5	68.8	0.5	69.0	0.5
2004	68.6	0.3	69.2	0.2	69.0	0.2	69.2	0.3
2003	68.0	0.3	68.0	0.3	68.4	0.3	68.6	0.3
2002 <sup>b</sup>	67.8	0.3	67.6	0.3	68.0	0.3	68.3	0.3
2001	67.5	0.3	67.7	0.3	68.1	0.3	68.0	0.3

<sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval. <sup>b</sup>Revised in 2002 to incorporate information collected in Census 2000. Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

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Table 4SA shows the seasonally adjusted homeownership rates for the United States, from 2000 through the third quarter 2022. (Research has shown that seasonality for homeownership rates is present.) When adjusted for seasonal variation, the third quarter 2022 homeownership rate was not statistically different from the rates in the third quarter 2021 and the second quarter 2022.

		ŀ	Homeownersh	ip Rates (perce	ent), Seasonall <sup>,</sup>	y Adjusted		
Year	First Qua	nter	Second Q	uarter	Third Qua	arter	Fourth Qu	arter
	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOE
2022	65.5	0.5	65.8	0.5	66.0	0.5		
2021	65.6	0.5	65.5	0.5	65.4	0.5	65.4	0.
2020	65.3	0.5	68.0	0.5	67.4	0.5	65.7	0.
2019	64.2	0.5	64.3	0.5	64.7	0.5	65.0	0.
2018	64.2	0.5	64.5	0.5	64.4	0.5	64.6	0.
2017	63.6	0.5	63.9	0.5	63.9	0.5	64.0	0.
2016	63.5	0.5	63.1	0.5	63.4	0.5	63.5	0.
2015	63.8	0.5	63.5	0.5	63.6	0.5	63.7	0.
2014	64.9	0.5	64.8	0.5	64.3	0.5	63.9	0.
2013	65.2	0.5	65.1	0.5	65.2	0.5	65.1	0.
2012	65.6	0.5	65.6	0.5	65.4	0.5	65.3	0.
2011	66.5	0.5	66.0	0.5	66.1	0.5	65.9	0.
2010	67.2	0.5	66.9	0.5	66.7	0.5	66.5	0
2009	67.4	0.5	67.4	0.5	67.4	0.5	67.2	0.
2008	67.9	0.5	68.1	0.5	67.7	0.5	67.5	0.
2007	68.5	0.5	68.3	0.5	68.0	0.5	67.8	0.
2006	68.6	0.5	68.8	0.5	68.9	0.5	68.8	0.
2005	69.2	0.5	68.7	0.5	68.7	0.5	68.9	0
2004	68.7	0.2	69.4	0.1	68.9	0.1	69.1	0
2003	68.1	0.2	68.2	0.2	68.3	0.2	68.5	0
2002 <sup>c</sup>	67.9	0.2	67.8	0.2	67.9	0.2	68.2	0
2001	67.6	0.2	67.8	0.2	67.9	0.2	67.9	0
2000	67.1	0.2	67.3	0.2	67.5	0.2	67.5	0

<sup>a</sup>As new quarterly data are input, previous quarters' seasonally adjusted homeownership rates may change.

<sup>b</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

<sup>c</sup>Revised in 2002 to incorporate information collected in Census 2000.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

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The third quarter 2022 homeownership rate was highest in the Midwest (70.1 percent), followed by the South (67.5 percent), then the Northeast (63.0 percent) and West (62.0 percent). The rates in the Northeast and West were not statistically different from each other. The homeownership rates, compared to the third quarter 2021, were higher in the Northeast and West, lower in the Midwest, and not statistically different in the South.

		Homeownership Rates (percent)										
Year/Quarter	United	l States	North	neast	Midv	west	Sou	uth	We	est		
	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>	Rate	MOE <sup>a</sup>		
2022												
Third Quarter	66.0	0.5	63.0	0.7	70.1	0.6	67.5	0.5	62.0	0.7		
Second Quarter	65.8	0.5	62.1	0.7	70.1	0.6	67.8	0.5	60.9	0.7		
First Quarter	65.4	0.5	61.8	0.7	70.0	0.6	67.4	0.5	60.2	0.7		
2021												
Fourth Quarter	65.5	0.5	62.4	0.7	70.1	0.6	67.3	0.5	60.5	0.7		
Third Quarter	65.4	0.5	61.7	0.7	70.9	0.6	67.0	0.5	59.9	0.7		
Second Quarter	65.4	0.5	61.8	0.7	70.7	0.6	67.1	0.5	60.1	0.7		
First Quarter	65.6	0.5	63.1	0.7	70.3	0.6	67.4	0.5	59.7	0.7		
2020												
Fourth Quarter	65.8	0.5	62.6	0.7	70.8	0.6	67.7	0.5	60.4	0.7		
Third Quarter	67.4	0.5	62.0	0.7	71.2	0.6	70.8	0.5	62.1	0.7		
Second Quarter	67.9	0.5	63.3	0.7	71.4	0.6	71.1	0.5	62.6	0.7		
First Quarter	65.3	0.5	62.4	0.7	69.2	0.6	67.6	0.5	60.1	0.7		
2019												
Fourth Quarter	65.1	0.5	62.3	0.7	69.5	0.6	66.7	0.5	60.3	0.7		
Third Quarter	64.8	0.5	61.7	0.7	69.0	0.6	66.2	0.6	60.6	0.7		
Second Quarter	64.1	0.5	61.2	0.7	68.0	0.6	66.0	0.6	59.3	0.7		
First Quarter	64.2	0.5	60.7	0.8	68.2	0.6	66.2	0.6	59.8	0.7		
2018												
Fourth Quarter	64.8	0.5	61.3	0.8	69.3	0.6	66.0	0.6	60.9	0.7		
Third Quarter	64.4	0.5	61.5	0.8	69.0	0.6	65.4	0.6	60.2	0.7		
Second Quarter	64.3	0.5	61.3	0.8	68.3	0.6	65.9	0.6	59.7	0.7		
First Quarter	64.2	0.5	60.5	0.8	67.9	0.7	66.3	0.6	59.7	0.7		
2017												
2017	<b>64 2</b>	0.5	60.6		co =	0.0	65.0	0.0	<b>co</b> o	0 -		
Fourth Quarter	64.2	0.5	60.6	0.8	68.7	0.6	65.8	0.6	60.0	0.7		
Third Quarter	63.9	0.5	60.4	0.8	69.1	0.6	65.5	0.6	58.9	0.7		
Second Quarter	63.7	0.5	60.4	0.8	68.0	0.7	65.5	0.6	58.9	0.7		
First Quarter	63.6	0.5	60.6	0.8	67.6	0.7	65.4	0.6	59.0	0.7		

<sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval. Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

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The third quarter 2022 homeownership rate was highest for those householders aged 65 years and over (79.5 percent) and lowest for those householders under 35 years of age (39.3 percent). The third quarter 2022 rates were higher than in the third quarter 2021 for those 35 to 44 years old, those 45 to 54 years old, and those 55 to 64 years old. The rates in the other two groups were not statistically different from the rates in third quarter 2021.

				Homed	wnershin	Rates (p	ercent)					
Year/Quarter	United	States	Under 3	5 years	35 to 4	4 years	45 to 5	4 years	55 to 6	4 years	65 years	and over
	Rate	MOE <sup>a</sup>										
2022												
Third Quarter	66.0	0.5	39.3	0.7	62.5	0.7	71.4	0.7	74.6	0.7	79.5	0.5
Second Quarter	65.8	0.5	39.1	0.7	61.9	0.7	70.6	0.7	75.1	0.7	79.3	0.5
First Quarter	65.4	0.5	38.8	0.7	62.3	0.7	69.4	0.7	75.0	0.7	78.6	0.5
2024												
2021 Fourth Quarter		0.5	38.3	0.7	61.4	0.7	70.0	0.7	75.3	0.7	79.4	0.5
Fourth Quarter	65.5 65.4	0.5 0.5	38.5 38.5	0.7	61.4 61.3	0.7	70.0	0.7	73.7	0.7	79.4 79.7	0.5
Third Quarter Second Quarter	65.4 65.4	0.5 0.5	38.5 37.8	0.7	61.3	0.7	70.1 69.4	0.7	73.7 75.4	0.7	79.7 79.6	0.5
First Quarter	65.6	0.5	37.8	0.7	62.0	0.7	69.4 69.4	0.7	75.4	0.7	79.8	0.5
First Quarter	05.0	0.5	30.1	0.7	02.0	0.7	09.4	0.7	75.7	0.7	79.5	0.5
2020												
Fourth Quarter	65.8	0.5	38.5	0.7	61.0	0.7	69.8	0.7	76.0	0.6	80.2	0.5
Third Quarter	67.4	0.5	40.2	0.8	63.9	0.7	72.0	0.7	76.4	0.6	80.7	0.5
Second Quarter	67.9	0.5	40.6	0.8	64.3	0.7	72.2	0.7	77.4	0.6	80.4	0.5
First Quarter	65.3	0.5	37.3	0.7	61.5	0.8	70.3	0.7	76.3	0.6	78.7	0.5
2019												
Fourth Quarter	65.1	0.5	37.6	0.7	60.4	0.8	70.6	0.7	75.6	0.7	79.0	0.5
Third Quarter	64.8	0.5	37.5	0.7	60.3	0.8	70.1	0.7	75.1	0.7	78.9	0.5
Second Quarter	64.1	0.5	36.4	0.7	59.4	0.8	70.1	0.7	74.8	0.7	78.0	0.5
First Quarter	64.2	0.5	35.4	0.7	60.3	0.8	69.5	0.7	75.4	0.7	78.5	0.5
2018												
Fourth Quarter	64.8	0.5	36.5	0.7	61.1	0.8	70.1	0.7	75.5	0.7	78.8	0.5
Third Quarter	64.4	0.5	36.8	0.7	59.5	0.8	69.7	0.7	75.6	0.7	78.6	0.5
Second Quarter	64.3	0.5	36.5	0.7	60.0	0.8	70.6	0.7	75.1	0.7	78.0	0.5
First Quarter	64.2	0.5	35.3	0.7	59.8	0.8	70.0	0.7	75.4	0.7	78.5	0.5
2017												
Fourth Quarter	64.2	0.5	36.0	0.7	58.9	0.8	69.5	0.7	75.3	0.7	79.2	0.5
	63.9	0.5	35.6	0.7	58.9 59.3	0.8 0.8	69.5 69.1	0.7	75.0	0.7	79.2 78.9	0.5
Third Quarter Second Quarter	63.9 63.7	0.5	35.0 35.3	0.7	59.3 58.8	0.8 0.8	69.1 69.3	0.7	75.0 75.4	0.7	78.9	0.5
First Quarter	63.6	0.5	35.5 34.3	0.7	58.8 59.0	0.8 0.8	69.3 69.4	0.7	75.4 75.6	0.7	78.2 78.6	0.6
TI IST QUALTER	05.0	0.5	54.5	0.7	59.0	0.0	05.4	0.7	75.0	0.7	70.0	0.5

# Table 6. Homeownership Rates by Age of Householder: 2017 to 2022

<sup>a</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval. Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

#### **Data Inquiries**

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For homeownership rates by race, the third quarter 2022 homeownership rate for non-Hispanic White Alone householders reporting a single race was highest at 74.6 percent. The rate for Asian, Native Hawaiian and Pacific Islander Alone householders was second at 61.6 percent, and the rate for Black Alone householders was lowest at 45.2 percent. The homeownership rates for Black Alone and Non-Hispanic White Alone householders were higher than the rates in the third quarter 2021, but rates for the other race categories were not significantly different from the third quarter 2021 rates.

		Homeownership Rates (percent)											
								All Othe					
	Uni	ted	Non-H	ispanic	Bla	ick			Asian, Native Hawaiian, and Pacific Islander Alone		Hisp	Hispanic	
Year/Quarter	Sta	tes	White	-	Alo	ne	Tot	tal <sup>a</sup>			(of any race)		
				/		-						· · · · <b>/</b>	
	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	
2022	nate	WICE	nate	INICL	nate	MOL	Nate	INICL	nate	INICE	nate	MOL	
Third Quarter	66.0	0.5	74.6	0.4	45.2	0.9	58.5	1.0	61.6	1.3	48.7	0.9	
Second Quarter	65.8	0.5	74.6	0.4	45.3	0.9	57.3	1.1	61.1	1.3	48.3	0.9	
First Quarter	65.4	0.5	74.0	0.4	44.7	0.9	56.0	1.1	59.4	1.3	49.1	0.9	
2021													
Fourth Quarter	65.5	0.5	74.4	0.4	43.1	0.9	57.6	1.1	61.2	1.3	48.4	0.9	
Third Quarter	65.4	0.5	74.0	0.4	44.0	0.9	57.2	1.1	60.2	1.3	48.3	0.9	
Second Quarter	65.4	0.5	74.2	0.4	44.6	0.9	56.2	1.1	58.7	1.3	47.5	0.9	
First Quarter	65.6	0.5	73.8	0.4	45.1	0.9	57.1	1.1	59.6	1.3	49.3	0.9	
2020													
Fourth Quarter	65.8	0.5	74.5	0.4	44.1	0.9	56.3	1.1	59.5	1.3	49.1	0.9	
Third Quarter	67.4	0.5	75.8	0.4	46.4	0.9	58.0	1.1	61.0	1.3	50.9	0.9	
Second Quarter	67.9	0.5	76.0	0.4	47.0	0.9	59.3	1.1	61.4	1.3	51.4	0.9	
First Quarter	65.3	0.5	73.7	0.4	44.0	0.9	55.9	1.1	59.1	1.3	48.9	0.9	
2019													
Fourth Quarter	65.1	0.5	73.7	0.4	44.0	0.9	55.7	1.1	57.6	1.3	48.1	0.9	
Third Quarter	64.8	0.5	73.4	0.4	42.7	0.9	56.0	1.1	58.5	1.3	47.8	0.9	
Second Quarter	64.1	0.5	73.1	0.4	40.6	0.9	55.0	1.1	57.7	1.3	46.6	0.9	
First Quarter	64.2	0.5	73.2	0.4	41.1	0.9	53.9	1.1	56.9	1.3	47.4	0.9	
2018													
Fourth Quarter	64.8	0.5	73.6	0.4	42.9	0.9	55.6	1.1	58.1	1.3	46.9	0.9	
Third Quarter	64.4	0.5	73.1	0.4	41.7	0.9	56.6	1.1	58.2	1.3	46.3	0.9	
Second Quarter	64.3	0.5	72.9	0.4	41.6	0.9	55.7	1.1	58.0	1.3	46.6	1.0	
First Quarter	64.2	0.5	72.4	0.4	42.2	0.9	54.8	1.1	57.3	1.4	48.4	1.0	

# Table 7. Homeownership Rates by Race and Ethnicity of Householder: 2018 to 2022

<sup>a</sup>Includes people who reported Asian, Native Hawaiian or Other Pacific Islander, or American Indian or Alaska Native regardless of whether they reported any other race, as well as all other combinations of two or more races.

<sup>b</sup>A margin of error is a measure of an estimate's variability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

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The third quarter 2022 homeownership rate for households with family income greater than or equal to the median family income (79.4 percent) was not statistically different from the third quarter 2021 rate (79.0 percent). The rate for those households with family income less than the median family income (52.7 percent) was higher than the third quarter 2021 rate (51.7 percent).

	Homeownership Rates (percent)											
Year/Quarter	United State	S	Households with greater than or equ family in	ual to the median	Households with family income less than the median family income <sup>a</sup>							
	Rate	MOE <sup>b</sup>	Rate	MOE <sup>b</sup>	Rate	MOEb						
2022												
Third Quarter	66.0	0.5	79.4	0.5	52.7	0.6						
Second Quarter	65.8	0.5	79.0	0.5	52.6	0.6						
First Quarter	65.4	0.5	79.1	0.5	51.6	0.6						
2021												
Fourth Quarter	65.5	0.5	79.0	0.5	52.0	0.6						
Third Quarter	65.4	0.5	79.0	0.5	51.7	0.6						
Second Quarter	65.4	0.5	78.9	0.5	51.9	0.6						
First Quarter	65.6	0.5	79.4	0.5	51.7	0.6						
2020												
Fourth Quarter	65.8	0.5	79.4	0.5	52.3	0.6						
Third Quarter	67.4	0.5	80.2	0.4	54.7	0.6						
Second Quarter	67.9	0.5	80.5	0.4	55.2	0.6						
First Quarter	65.3	0.5	78.8	0.5	51.8	0.6						
2019												
Fourth Quarter	65.1	0.5	78.8	0.5	51.4	0.6						
Third Quarter	64.8	0.5	78.7	0.5	50.9	0.6						
Second Quarter	64.1	0.5	78.2	0.5	50.0	0.6						
First Quarter	64.2	0.5	78.0	0.5	50.5	0.6						
2018												
Fourth Quarter	64.8	0.5	78.9	0.5	50.7	0.6						
Third Quarter	64.4	0.5	78.2	0.5	50.5	0.6						
Second Quarter	64.3	0.5	78.3	0.5	50.2	0.6						
First Quarter	64.2	0.5	78.3	0.5	50.0	0.6						
2017												
Fourth Quarter	64.2	0.5	78.2	0.5	50.2	0.6						
Third Quarter	63.9	0.5	78.4	0.5	49.5	0.6						
Second Quarter	63.7	0.5	77.9	0.5	49.5	0.6						
First Quarter	63.6	0.5	77.9	0.5	49.3	0.6						

# Table 8. Homeownership Rates by Family Income: 2017 to 2022

<sup>a</sup>Based on family or primary individual income.

<sup>b</sup>A margin of error is a measure of an estimate's reliability. The larger the margin of error in relation to the size of the estimate, the less reliable the estimate. This number, when added to and subtracted from the estimate, forms the 90 percent confidence interval.

Source: U.S. Census Bureau, Current Population Survey/Housing Vacancy Survey, November 2, 2022.

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The fourth quarter 2022 data are scheduled for release on January 31, 2023. View the full schedule in the Economic Briefing Room: <<u>https://census.gov/economic-indicators/</u>>. More details can be found at <<u>www.census.gov/housing/hvs</u>>.

# **EXPLANATORY NOTES**

The estimates in this release are based on a sample survey and therefore are subject to both sampling and non-sampling error. Sampling error is a result of not surveying the entire population. Non-sampling error occurs because accurate information cannot always be obtained.

The sample estimate and its standard error enable one to construct a margin of error. A margin of error is a measure of an estimate's reliability. The larger a margin of error is in relation to the size of the estimate, the less reliable the estimate. For example, the standard error on the estimated rental vacancy rate of 6.0 percent is 0.143 percentage points. The margin of error, at the 90 percent confidence interval, is calculated as 1.645 x 0.143 percent, or 0.235 percentage points. Thus, the 90 percent confidence interval is from 5.8 percent to 6.2 percent. If all possible samples were surveyed under essentially the same general conditions and the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the margins of error would include the average result of all possible samples.

In the first quarter 2017, the parameters used to calculate standard errors for rates and estimates were updated. The factors are evaluated, and updated if necessary, after approximately 15 months of data have been collected from a new Current Population Survey/Housing Vacancy Survey (CPS/HVS) sample following a decennial census. The current sample has been fully phased-in since July 2015.

Since the first quarter 2003, the CPS/HVS housing inventory estimates have been controlled to independent housing unit estimates based upon Census 2000 (2000-2009 data), Census 2010 (2010-2019), and Census 2020 (2020-present data) and updated with building permit data, estimates of housing loss, and other administrative records data. In the second quarter 2022, the CPS/HVS revised the series of housing inventory estimates back to the second quarter 2020, based on the latest series of independent housing controls, the vintage 2021 time series. Housing inventory estimates from the second quarter 2000 through the fourth quarter 2009 are revised based on the vintage 2010 time series. Housing inventory estimates from the second quarter 2010 through the first quarter 2020 are revised based on the vintage 2020 time series. Housing inventory data series are based on the independently produced vintage 2021 housing unit estimates that are projected forward through the current quarter. The vintage 2021 estimates are benchmarked to the 2020 Census. The same general procedure will be followed each year in revising housing inventory estimates with the most up-to-date independent housing estimates available.

For an explanation of the methodology used in producing the housing inventory independent estimates, please see: <<u>www.census.gov/programs-surveys/popest.html</u>>

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Note: This time series is by the latest "vintage" year. For example, vintage 2021 means that all of the estimates in this time series are identified as belonging to "vintage 2021." The 2022 data are from the 2021 vintage, the 2021 data are from the 2021 vintage, and so on.

The CPS/HVS also began computing first-stage factors (used for weighting purposes) based on year-round and seasonal counts of housing units from Census 2000 for the first quarter 2003. From 1980 to 2002, the CPS/HVS first-stage factors were based on year-round estimates only. The effect on the data is slight and the change should improve the counts of year-round and seasonal units. For more information on the effects of these changes, please see the Source and Accuracy Statement at:

<www.census.gov/housing/hvs/files/qtr322/source\_22q3.pdf>

Beginning in the second quarter 2022, the population controls reflect the results of the 2020 Decennial Census. This change has virtually no effect on vacancy and homeownership rates. The new 2020-based controls had virtually no effect on the rental vacancy rate in April 2020 which remained 5.72 percent. The homeowner vacancy rate similarly remained the same at 0.91 percent, while the homeownership rate increased negligibly from 65.56 percent to 65.57 percent.

The question on race on the CPS was modified beginning in the first quarter 2003 to comply with new standards for federal statistical agencies. Respondents are now allowed to report one or more races. The question on Hispanic origin is asked separately, and is asked before the question on race.

First-stage factors for year-round vacant units have been corrected as of the second quarter 2004. Research has shown that this correction had no significant effect on the vacancy rates or homeownership rates.

The rental vacancy rate is the proportion of the rental inventory that is vacant for rent. In tables 1 and 2, the rates are computed using the following formula.

$$Rental Vacancy Rate (\%) = \left[ \frac{Vacant year - round}{units for rent} \\ \frac{Vacant year - round}{units rented but} + \begin{pmatrix} Vacant year - round \\ units rented but \\ awaiting occupancy \end{pmatrix} + \begin{pmatrix} Vacant year - round \\ units for rent \end{pmatrix} \right] * 100$$

The homeowner vacancy rate is the proportion of the homeowner inventory that is vacant for sale. In tables 1 and 2 the rates are computed using the following formula.

$$Homeowner \, Vacancy \, Rate \, (\%) = \left[ \begin{array}{c} Vacant \, year - round \\ units \, for \, sale \, only \end{array} \\ \left( \begin{array}{c} Owner \\ occupied \\ units \end{array} \right) + \left( \begin{array}{c} Vacant \, year - round \\ units \, sold \, but \\ awaiting \, occupancy \end{array} \right) + \left( \begin{array}{c} Vacant \, year - round \\ units \, for \, sale \, only \end{array} \right) \\ \end{array} \right] * 100$$

The homeownership rate is the proportion of households that is owner-occupied. It is computed by dividing the number of households that are occupied by owners by the total number of occupied households (tables 4, 4SA and 5).

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Homeownership Rate (%) = 
$$\left[ \frac{Owner occupied housing units}{Total Occupied housing units} \right] * 100$$

For the homeownership rate for a specific characteristic (tables 6, 7 and 8), use the owner and total number of units for that characteristic. For example, for the West region:

Homeownership Rate (West) (%) = 
$$\left[\frac{Owner \ occupied \ housing \ units \ (West)}{Total \ Occupied \ housing \ units \ (West)}\right] * 100$$

# RESOURCES

API

The Census Bureau's application programming interface, available at <<u>www.census.gov/developers/</u>>, lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

# **FRED Mobile App**



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<u>https://fred.stlouisfed.org/fred-mobile/</u>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

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