

Compass National Real Estate Insights

Real Estate Market Accelerates Moving into Spring

□ Year over year, the median single-family-home sales price in February was up 5.6%, and the median condo/co-op price up 6.7%. Due to seasonal supply and demand dynamics, median sales prices typically climb early in the year to peak in late spring.
 □ The number of new listings in February 2024 was up 15% from January and up 11% year over year, while active listings were up 10% y-o-y. Listing numbers usually surge in spring. The supply of homes for sale is still down almost 40% compared with typical numbers in 2017-2019.
 □ February existing-home sales were up 16% from January, and slightly up year-over-year. But the number of houses selling for \$1,000,000+ soared 37%, as lower-price home sales dropped. Sales in February mostly reflect offers accepted in January.
 □ Approximately 56% of sales sold in less than 1 month, 20% sold over list price, 21% were purchased as investments or second homes, 26% bought by first-time homebuyers, and 33% sold all-cash (highest monthly % in almost 10 years). The median days-on-market was 38 days.

Economic indicators: In the 6 weeks through March 21st, weekly average interest rates have oscillated between 6.74% and 6.94%: Up from January, but still well down from last fall. The S&P 500 & Nasdaq stock market indices both hit new all-time highs in March, and after a big jump in December-January, consumer confidence has remained steady. Inflation readings have been stable since October, ranging from 3.1% to 3.3%, with a February reading of 3.2%: Still higher than the Fed's 2% goal. And the February unemployment rate, at 3.9%, remains close to historic lows.

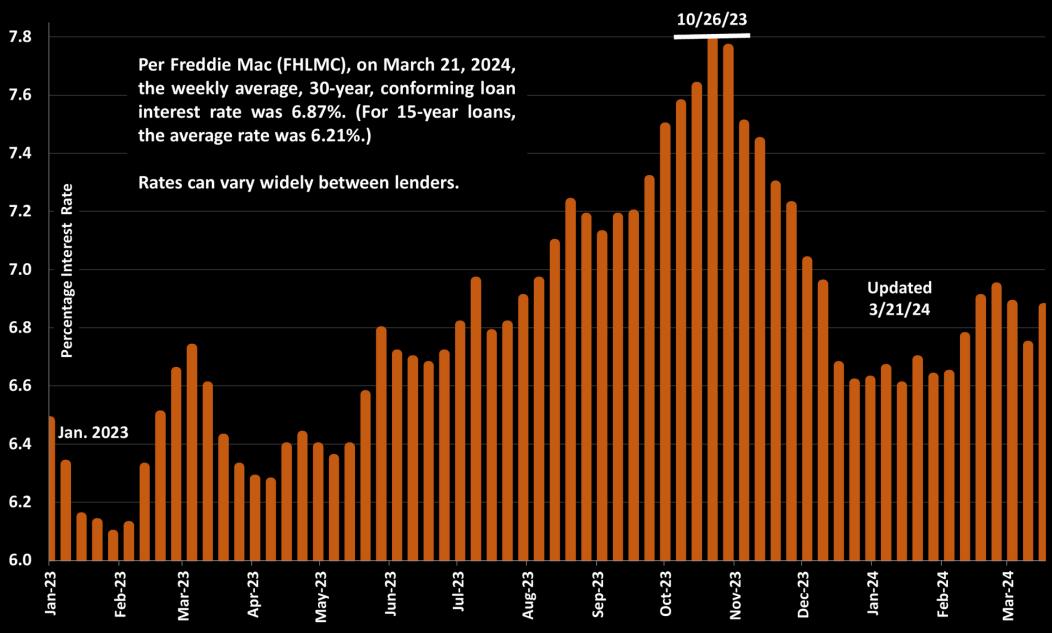
We expect to see continued acceleration in market activity through the spring selling season.

A national report is a huge generalization of conditions and trends across thousands of different markets of varying values, conditions and trends. Data from sources deemed reliable, but may contain errors and subject to revision. Last period figures sometimes labeled preliminary. Numbers should be considered approximate. March sales data becomes available in the 3rd week of April.



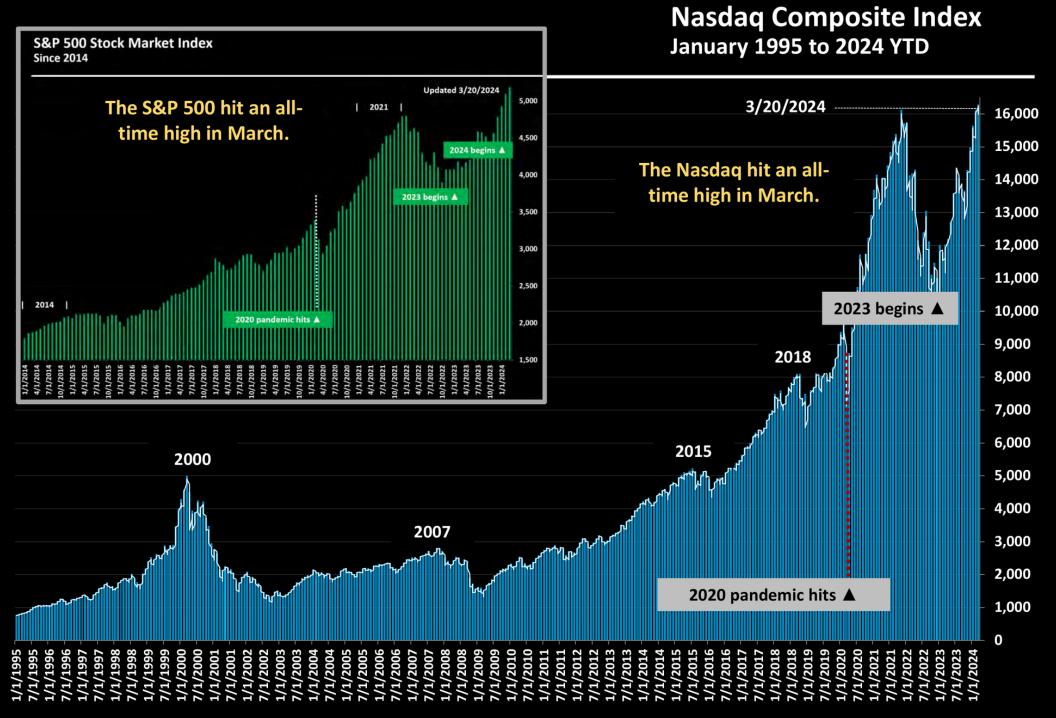
Mortgage Interest Rates in 2023-2024

30-Year Conforming Fixed-Rate Loans, Weekly Average Readings*



*Freddie Mac (FHLMC), 30-Year Fixed Rate Mortgage Weekly Average: https://www.freddiemac.com/pmms. Data from sources deemed reliable. <u>Different sources of mortgage data sometimes vary in their determinations of daily and weekly rates.</u> Data from sources deemed reliable, but may contain errors. All numbers approximate.

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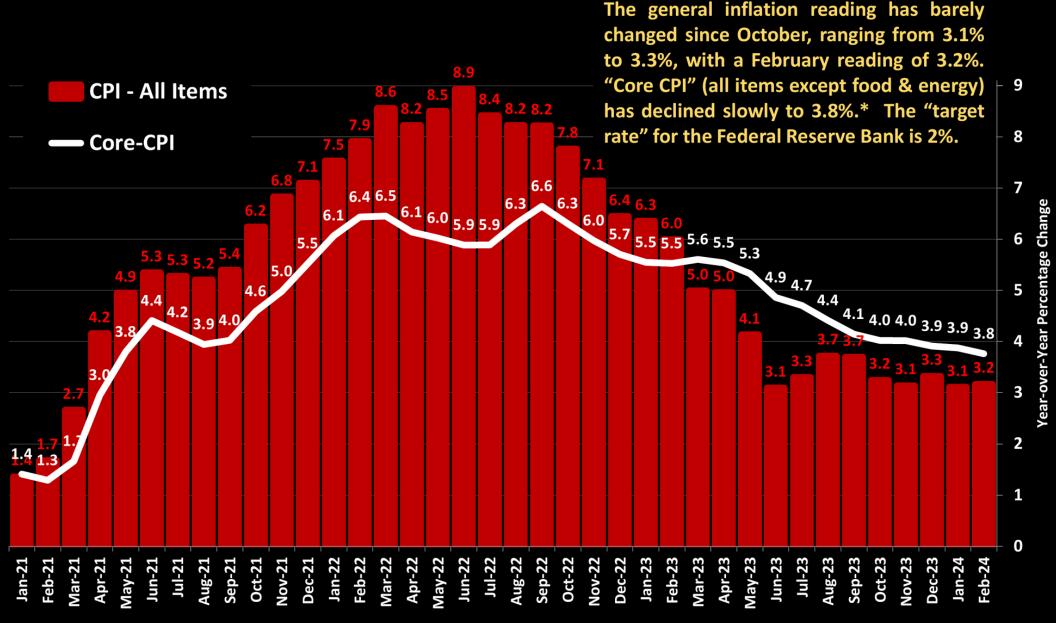


Per Yahoo Finance or MarketWatch.com data download. Because of number of data points, not every week has a separate column. Data from sources deemed reliable, but may contain errors and subject to revision. For general illustration purposes only.



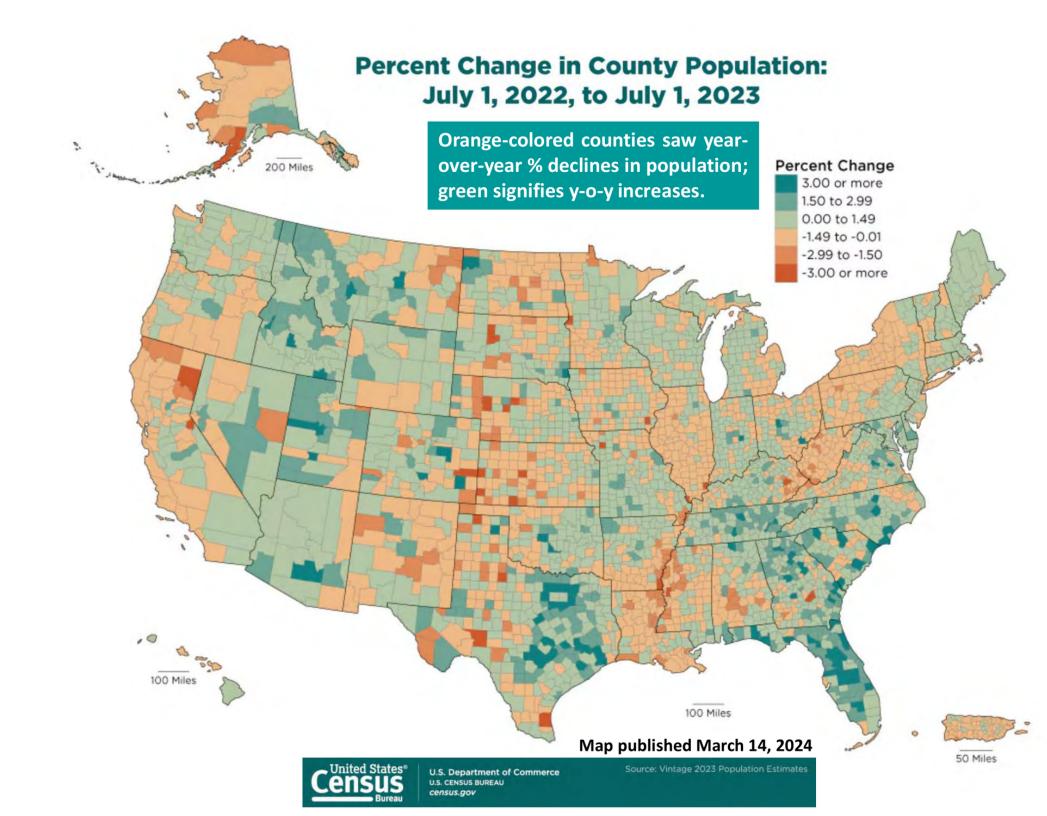
Inflation: Consumer Price Index (CPI), 2021 – 2024 YTD*

Year-over-Year Percentage Change, by Month



*Consumer Price Index for All Urban Consumers: All Items in U.S. City Average [CPIAUCSL], per Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/graph/?g=8dGq. Data from U.S. Bureau of Labor Statistics. CPIAUCSL is a price index of a basket of goods and services paid by urban consumers. This index includes roughly 88 percent of the total population. Data from sources deemed reliable, but may contain errors and subject to revision.





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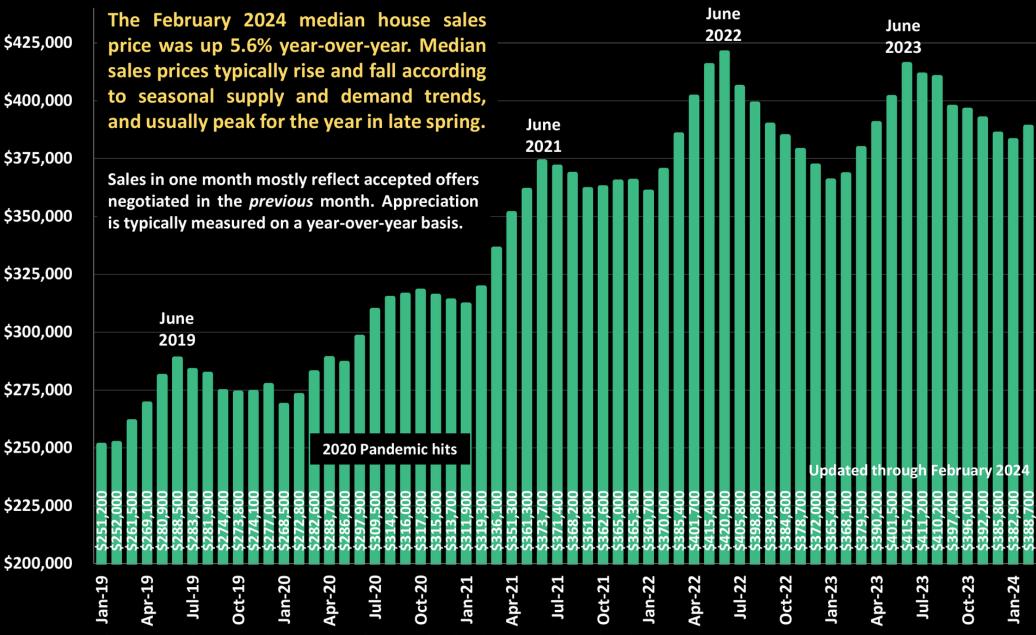
National, Regional and Metro-Area Home Prices & Appreciation Rates

Short-Term & Long-Term Trends



U.S. Median Single-Family-Home Sales Price

Market Dynamics & Seasonality since 2019*

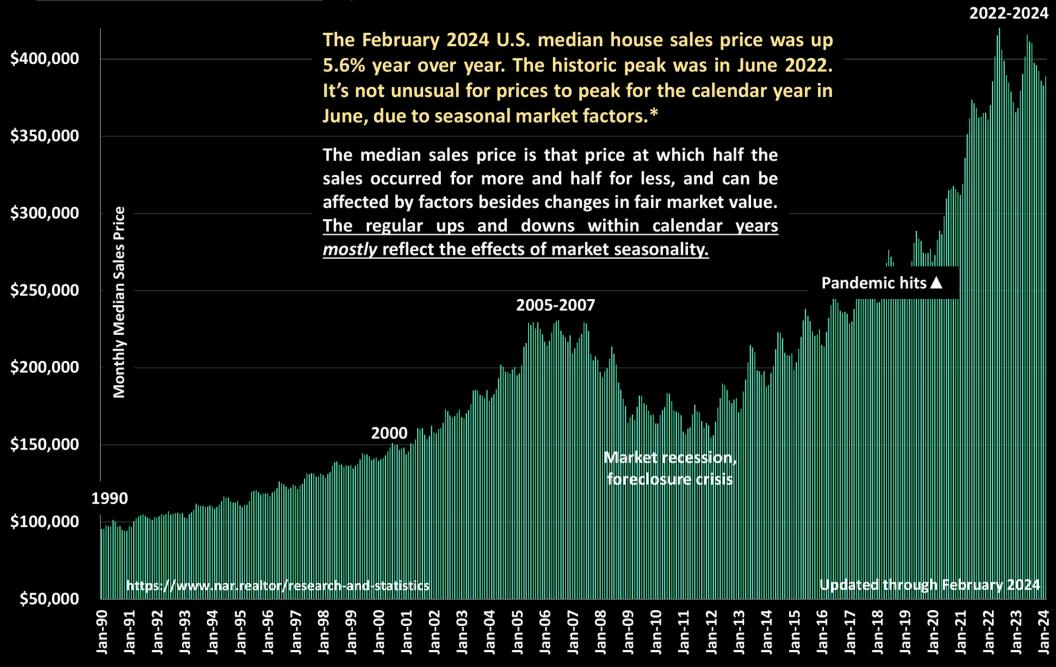


*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Existing single family home sales, not seasonally adjusted. Does not include new-home sales. Last month price labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Median Single-Family-Home Sales Price

Long-Term Market Dynamics, by Month, since 1990*

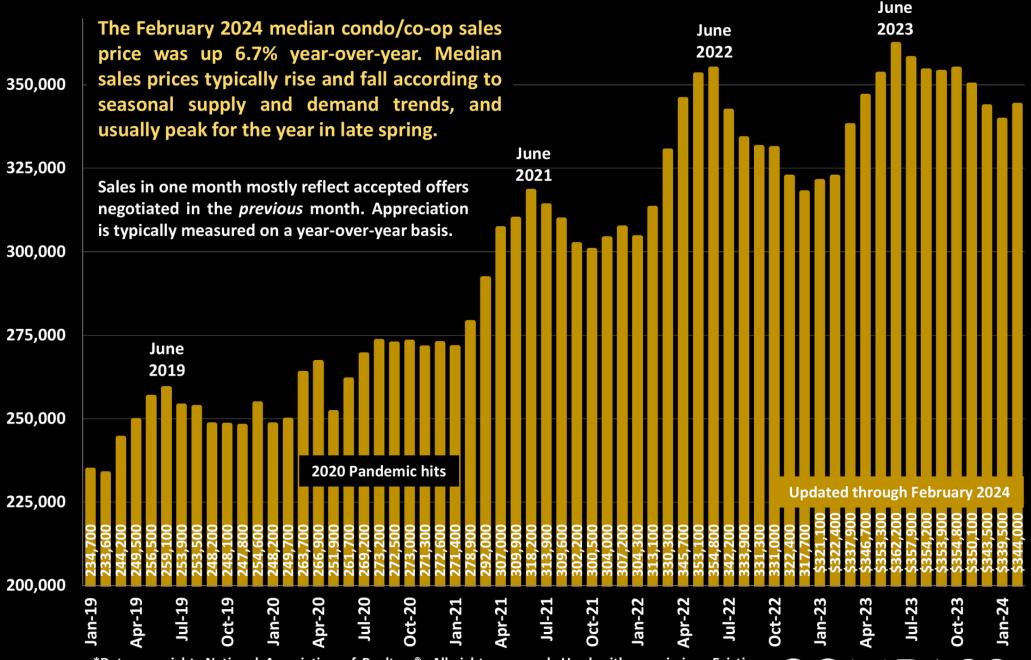


*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Existing single family dwellings only, does not include new-home sales. Last month labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Median Condo/Co-op Sales Price

Market Dynamics & Seasonality since 2019*

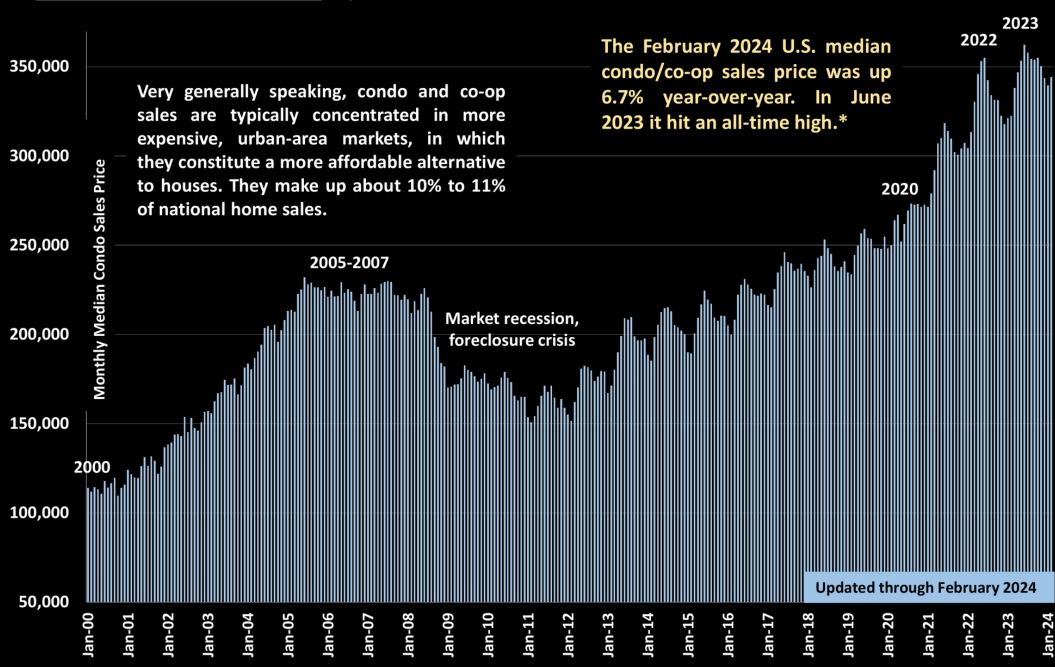


*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Existing condos and co-ops, not seasonally adjusted. Does not include new-home sales. Last month price labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Median CONDO/CO-OP Sales Price

Long-Term Market Dynamics, by Month, since 2000*



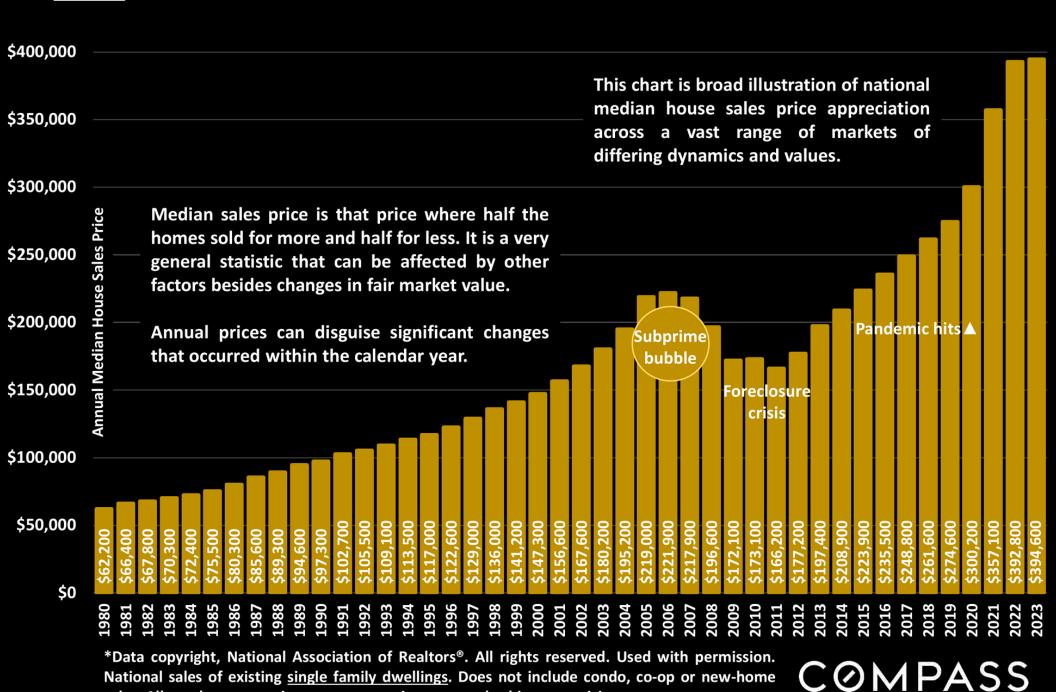
*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Existing condo and co-op sales only, does not include new-project sales. Last month labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.

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U.S. Median House Price Appreciation

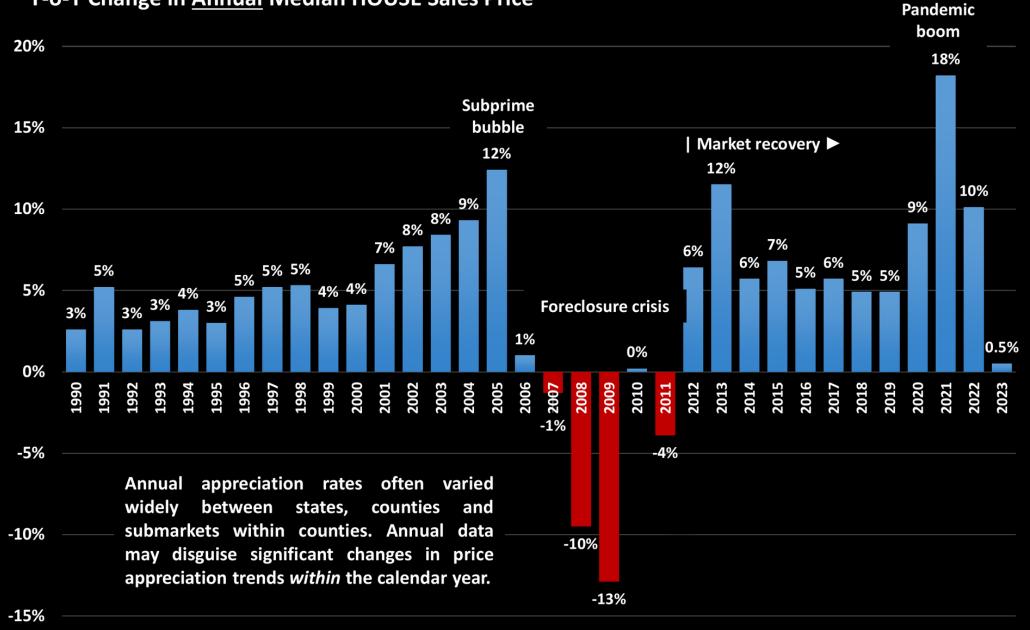
sales. All numbers approximate, may contain errors and subject to revision.

Annual Median Sales Prices since 1980*



U.S. Year-over-Year Appreciation Rates since 1990

Y-o-Y Change in **Annual** Median HOUSE Sales Price*

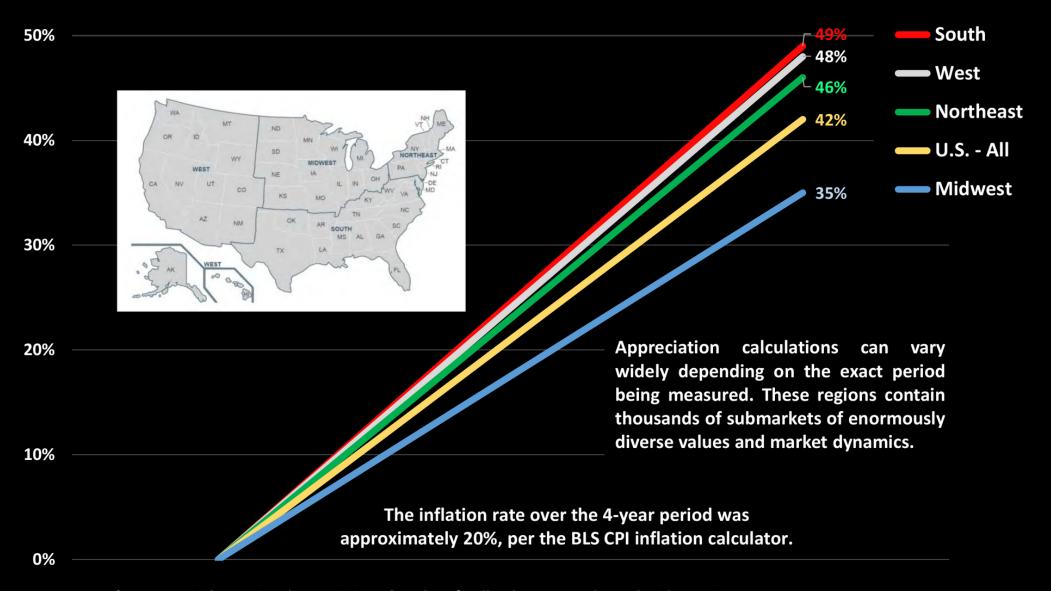


^{*}Data copyright, National Association of Realtors®. All rights reserved. Used with permission. National sales of existing <u>single family dwellings</u>. Rounded to nearest full percentage point, except for 2023. Not adjusted for inflation. All numbers approximate, may contain errors and subject to revision.



U.S. Median Home Sales Prices: 4-Year Appreciation Rates

Existing Single Family Dwellings, by Region, Q4 2019 – Q4 2023*

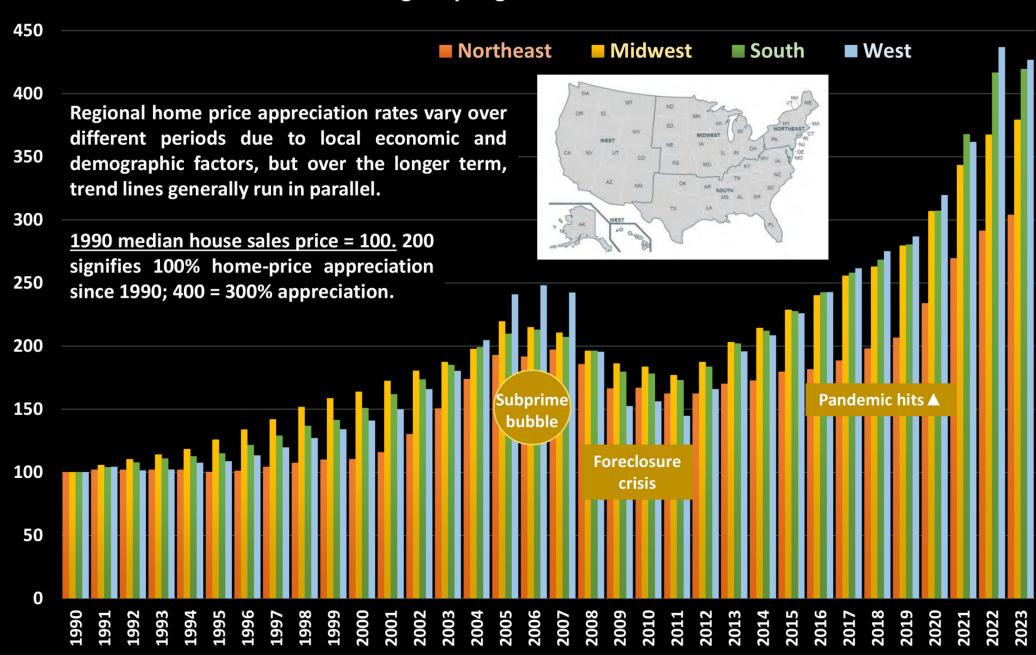


*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Comparing quarterly median existing-single-family-home sales prices. Q4 2023 data marked preliminary. Data from sources deemed reliable, but may contain errors and subject to revision. Percentages rounded, and should be considered approximate. How these rates apply to any particular home is unknown without a specific comparative market analysis.



U.S. Median House Price Appreciation

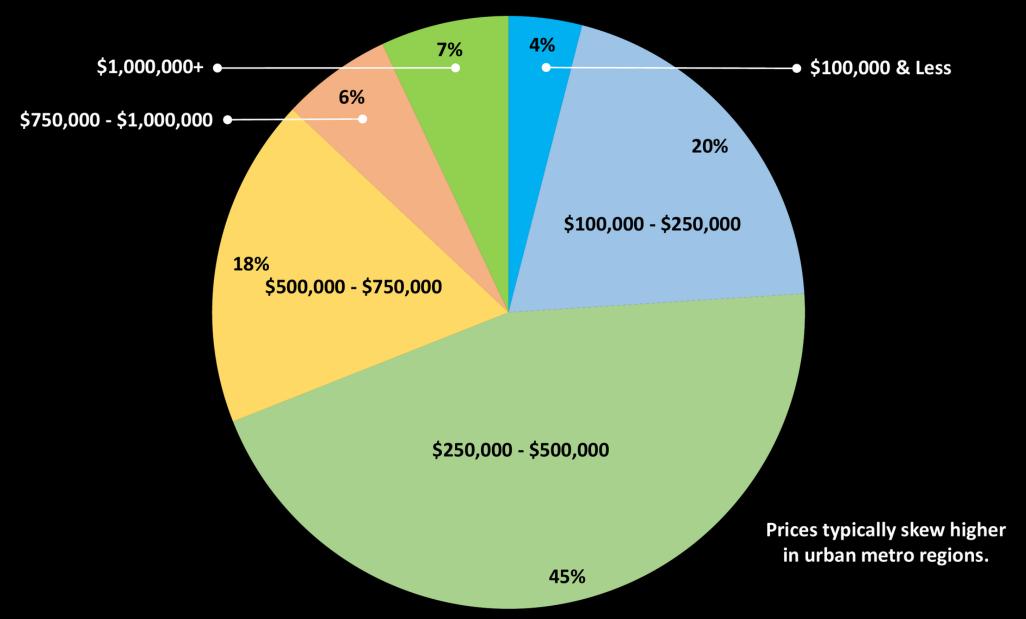
Annual Median Sales Prices Changes by Region since 1990



*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. National sales of existing single family dwellings. Does not include condo, co-op or new-home sales. 1990 price = a reading of 100. All numbers approximate, may contain errors and subject to revision.

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National Home Sales by Price Segment House, Condo & Co-op Sales, February 2024*



^{*}Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Monthly Summary: February 2024 existing house, condo and co-op sales, does not include new-home sales. Percentages will vary by month. Data from sources deemed reliable, but may contain errors and subject to revision.

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2023 Median House Sales Prices Selected U.S. Metro Areas*

"Metro Areas" typically cover *much larger* regions – multiple counties or even parts of multiple states – than the cities they are named for, with wide variations in values between submarkets.

Metro Area	Median House Sales Price	Metro Area	Median House Sales Price	Metro Area	Median House Sales Price
San Jose-Sunnyvale-		New York-Newark			
Santa Clara, CA	\$ 1,765,000	(NY, NJ, PA)	\$ 636,900	Charleston, SC	\$ 423,200
San Francisco-		Wash DC-Alexandria			
Oakland-Hayward	\$ 1,272,500	(DC, VA, MD, WV)	\$ 602,700	Madison, WI	\$ 417,900
Anaheim-Santa Ana,		Miami-W. Palm		Tampa-Clearwater-	
Irvine, CA	\$ 1,260,000	Beach-Ft Lauderdale	\$ 593,000	St. Petersburg, FL	\$ 405,000
Urban Honolulu,		Portland-Vancouver		Nashville-Franklin,	
HI	\$ 1,055,900	(OR-WA)	\$ 584,800	TN	\$ 401,500
San Diego-Carlsbad,				Dallas-Fort Worth-	
CA	\$ 931,200	Salt Lake City, UT	\$ 542,200	Arlington, TX	\$ 381,900
		Sacramento-		Minneapolis-St. Paul	
Boulder, CO	\$ 857,200	Roseville, CA	\$ 527,100	(MN, WI)	\$ 379,900
Los Angeles-Long		Manchester-Nashua,		Atlanta-Marietta,	
Beach-Glendale	\$ 833,400	NH	\$ 485,300	GA	\$ 370,000
Naples-Immokalee,		Austin-Round Rock,			
	\$ 790,000	TX	\$ 481,200	Hartford, CT	\$ 355,900
Seattle-Tacoma-				Chicago-Naperville-	
Bellevue, WA	\$ 735,000	Boise-Nampa, ID	\$ 477,600	Elgin (IL, IN, WI)	\$ 351,200
Boston-Cambridge-		Phoenix-Mesa-		Houston-Sugar Land-	
Newton, MA	\$ 714,000	Scottsdale, AZ	\$ 459,600	Woodlands, TX	\$ 340,300
Bridgeport-				Kansas City	
Stamford, CT	\$ 694,100	Asheville, NC	\$ 456,600	MO, KS	\$ 320,100
Denver-Aurora-		Las Vegas-Paradise-			
Lakewood, CO	\$ 661,000	Henderson, NV	\$ 450,400	Pittsburg, PA	\$ 216,300

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Qualifying Income Required to Buy Median-Priced House

Selected U.S. Metro Areas, Q4 2023*

San Francisco-Oakland, CA	\$334,676							
Urban Honolulu	\$286,093							
Los Angeles-Glendale, CA	\$236,601							
Boulder, CO	\$227,237							
Seattle-Tacoma, WA	\$195,883							
Boston-Newton, MA-NH	\$188,526							
New York-White Plains, NY-NJ	\$176,354							
Denver-Aurora, CO	\$174,508							
Miami-Fort Lauderdale, FL	\$160,516							
Washington-Arlington, DC-VA	\$158,296							
Salt Lake City, UT	\$144,732							
Phoenix-Mesa, AZ	\$124,801							
Austin-Round Rock, TX	\$124,775							
Durham-Chapel Hill, NC	\$123,062	*Qualifying income based on quarterly median						
Las Vegas-Henderson, NV \$122,955		sales price of existing single-family home, at the						
Richmond, VA	\$110,435	prevailing mortgage interest rate, and a 20%						
Tampa-St. Petersburg, FL	\$109,686	downpayment. Monthly principle and interest						
Nashville-Franklin, TN	\$108,429	payment limited to 25 percent of income.						
United States	\$103,835							
Dallas-Fort Worth, TX	\$100,644	The metro area with the highest required qualifying						
Atlanta-Marietta, GA	\$98,156	income was San Jose-Santa Clara, CA at \$468,252.						
Chicago-Naperville, IL-IN-WI	\$91,842	Natura anno tamicalla access march language mariana						
Houston-Sugar Land, TX \$90,050		Metro areas typically cover <i>much larger</i> regions than just the cities they are named for.						
Kansas City, MO-KS	\$84,485	than just the cities they are hamed for.						
Charleston, WV	\$47,433							



The <u>S&P CoreLogic Case-Shiller Home Price Index</u> uses a proprietary algorithm, not median sales prices, to calculate house price appreciation for 20 U.S. Metropolitan Areas.

Note that metro areas typically cover *much larger regions* than the cities they are named for – for example, the "San Francisco Metro Area" covers 5 counties – so Case-Shiller appreciation calculations are very broad, general overviews of dynamics across a wide range of different market segments. The Index is published 2 months after the month specified, on the last Tuesday of the month, and reflects a 3-month moving average, so the January Index was published in late March.

INDEX NAME >	1 MTH	3 MTH	YTD	1 YEAR	3 YEARS
S&P CoreLogic Case-Shiller Atlanta	-0.74%	-2.08%	10.42%	10.42%	13.56%
S&P CoreLogic Case-Shiller Boston	-0.90%	-2.55%	5.21%	5.21%	9.93%
S&P CoreLogic Case-Shiller Charlotte Metro	er 9.88%	14.44%			
S&P CoreLogic Case-Shiller Chicago	-1.19%	-2.24%	5.88%	5.88%	8.38%
S&P CoreLogic Case-Shiller Cleveland	-0.77%	-2,45%	6.02%	6.02%	10.35%
S&P CoreLogic Case-Shiller Dallas	-1.08%	-3.42%	7.95%	7.95%	13.82%

On the table, you can click on the Index Name to access the appreciation chart specific to the metro area, which can be adjusted to go back 10 years. Appreciation is calculated based on a January 2000 value of 100, i.e. a reading of 350 signifies 250% home price appreciation since January 2000.



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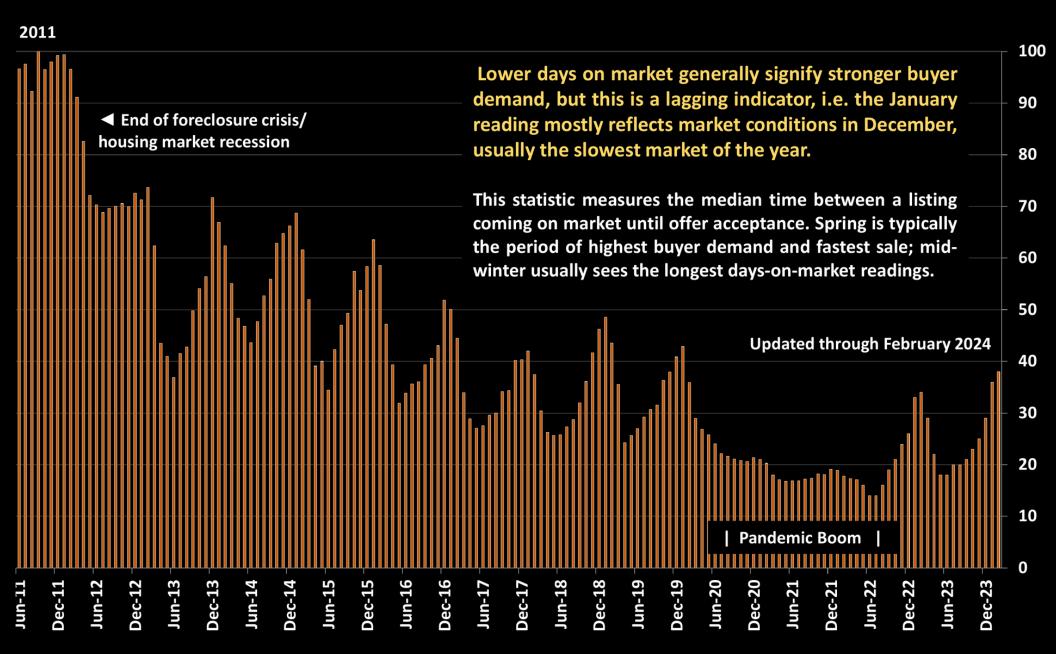


Speed of Sale, All-Cash Buyers, Average Number of Offers, First-Time Buyers, Distressed Property Sales



U.S. Median Days on Market – Speed of Sale

National Market Dynamics & Seasonality since 2011*

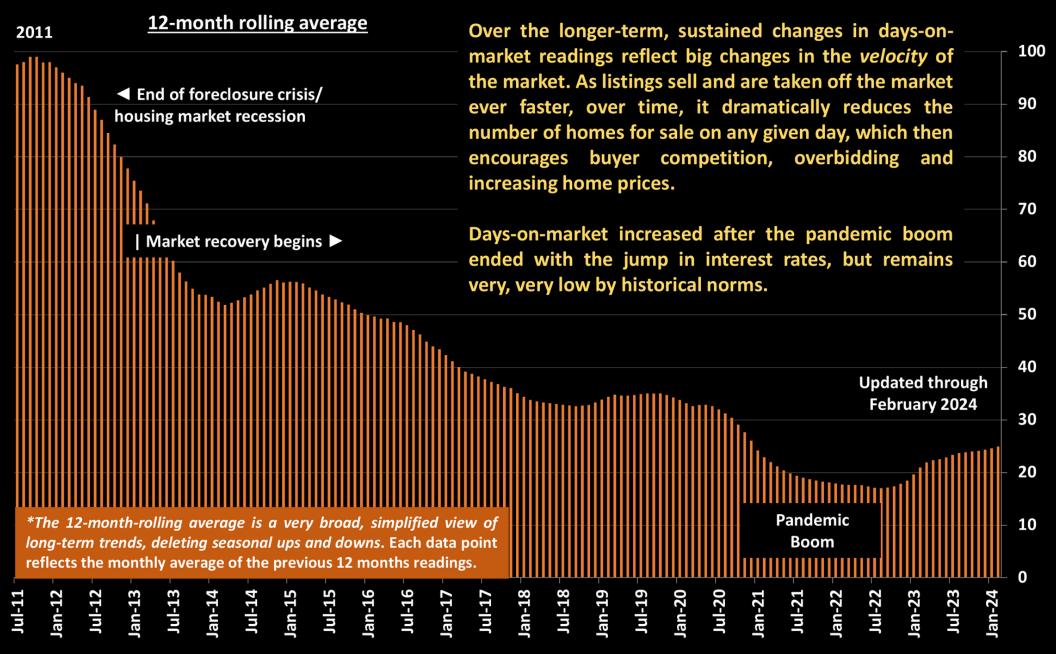


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U.S. Median Days on Market – Speed of Sale: Long-Term Trends

National Market Dynamics since 2011*

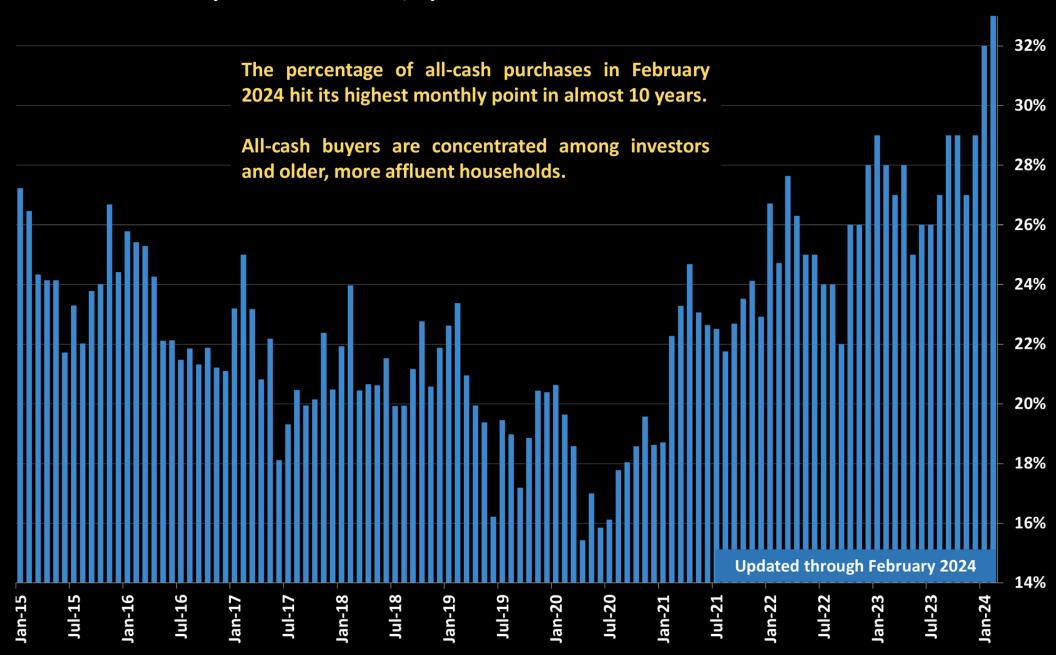


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U.S. Percentage of All-Cash Buyers

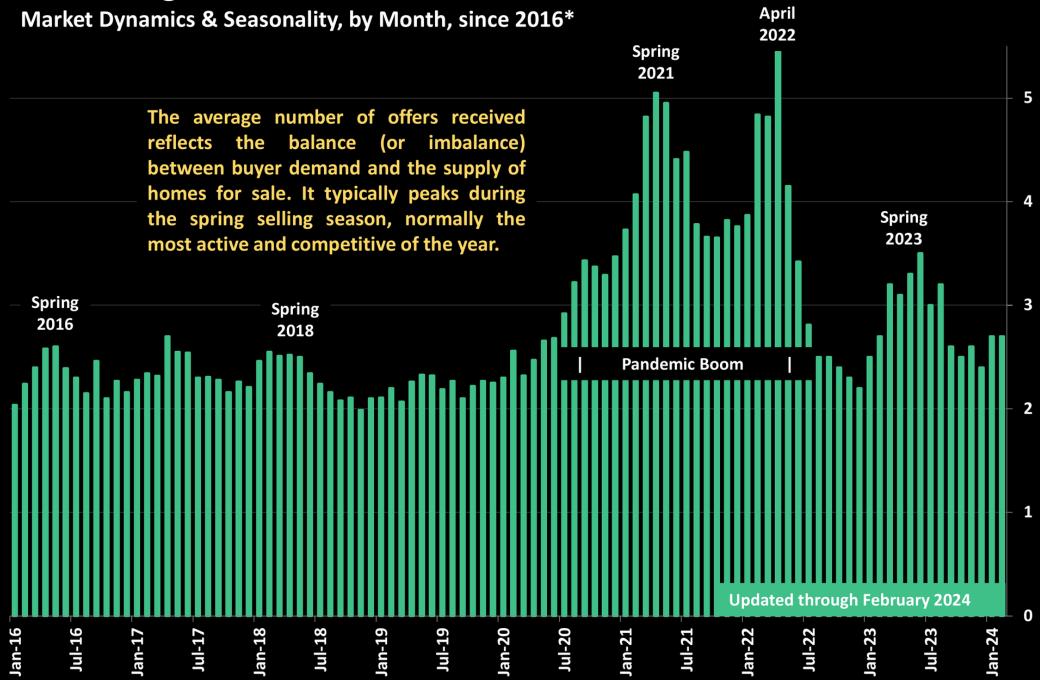
National Market Dynamics since 2015, by Month*



^{*}Realtors® Confidence Index Survey. Data copyright, National Association of Realtors®. All rights reserved. Used with permission. 3-month rolling average of NAR data. All numbers are approximate good-faith estimates based on a survey of Realtors. Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Average Number of Offers Received

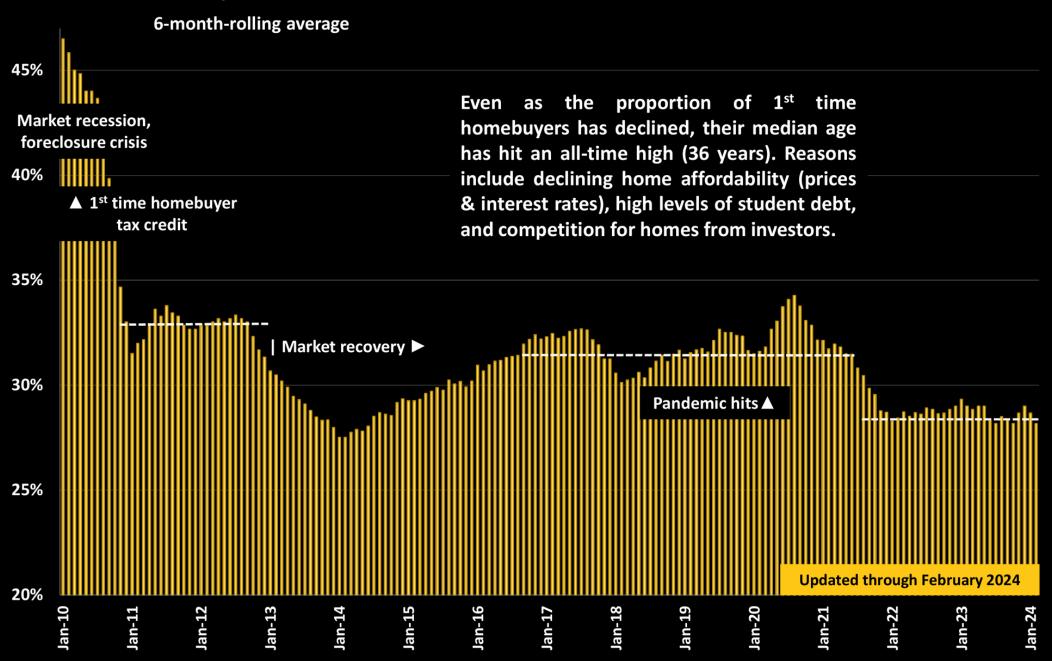


*Offers on most recent sale, per Realtors® Confidence Index Survey. Data copyright National Association of Realtors®. All rights reserved. Used with permission. All numbers are approximate good-faith estimates based on a survey of Realtors. Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Percentage of Sales with First-Time Buyers

National Market Dynamics since 2010**



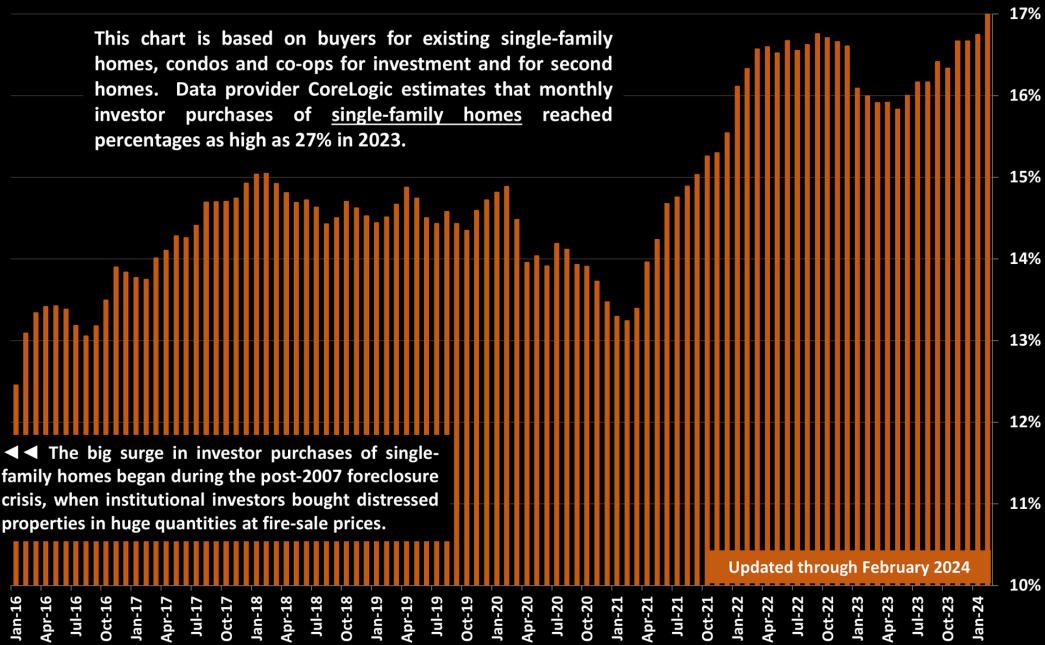
*per Realtors® Confidence Index Survey. Data copyright National Association of Realtors®. All rights reserved. Used with permission. 6-month-rolling averages. All numbers are approximate good-faith estimates based on a survey of Realtors. Data from sources deemed reliable, but may contain errors and subject to revision.



Percentage of Buyers: Non-Primary Residence*

National Market Dynamics since 2016

12-month-rolling average

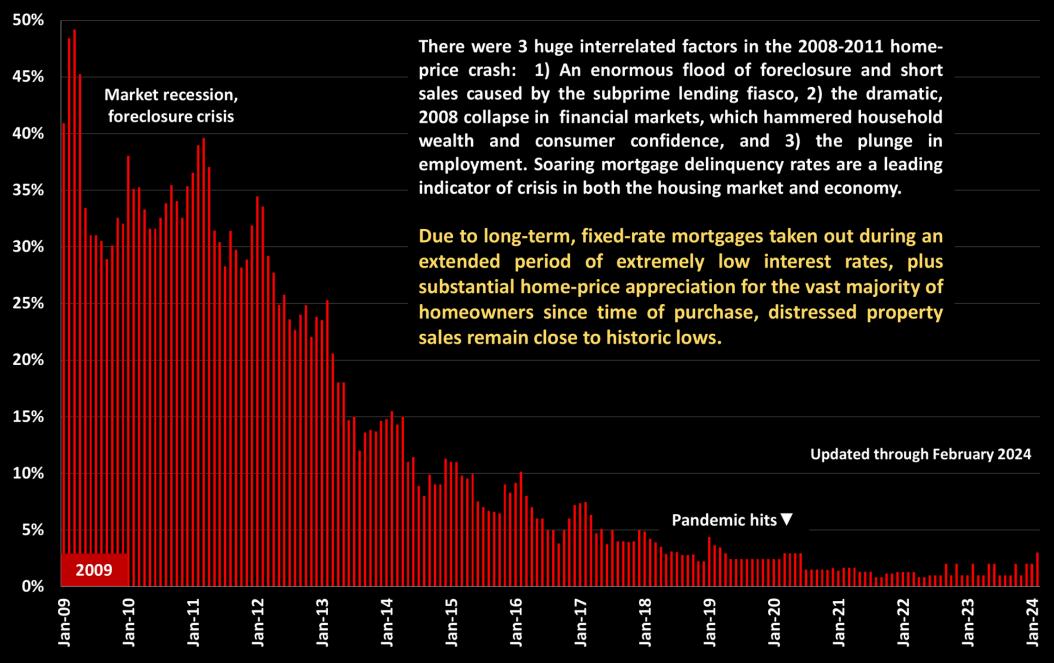


*Investor-rental or vacation use, per Realtors® Confidence Index Survey. Data copyright National Association of Realtors®. All rights reserved. Used with permission. Single-family, condo and co-ops. Good-faith estimates based on survey of Realtors. Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Percentage of Distressed Home Sales

Foreclosures & Short Sales as % of Total Sales, by Month, since 2009*



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Compass National Real Estate Insights



Supply & Demand Trends



Economic, Demographic & Market Factors Behind the Historic Decline in Listings for Sale

The plunge in the supply of homes on the market available for purchase by owner-occupier homebuyers has been the single greatest factor in market dynamics since the great recession.

CLICK HERE TO ACCESS FULL REPORT

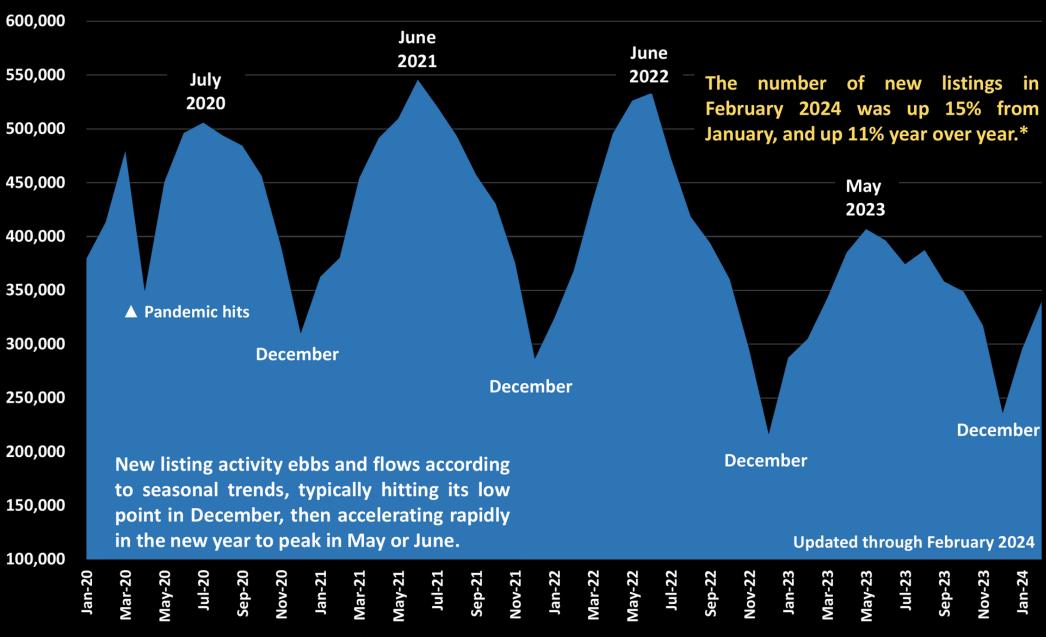
Population growth, interest rate changes, the aging of homeowners and homebuyers, investor homebuying, tax law, inadequate new home construction, declining affordability, an increase in the speed at which listings sell, and the pandemic have combined to cause an unprecedented imbalance between supply and demand. Buyer competition for an inadequate supply of listings has become the dominant reality of the national real estate market.



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New Listings Coming on Market*

National Market Dynamics & Seasonality

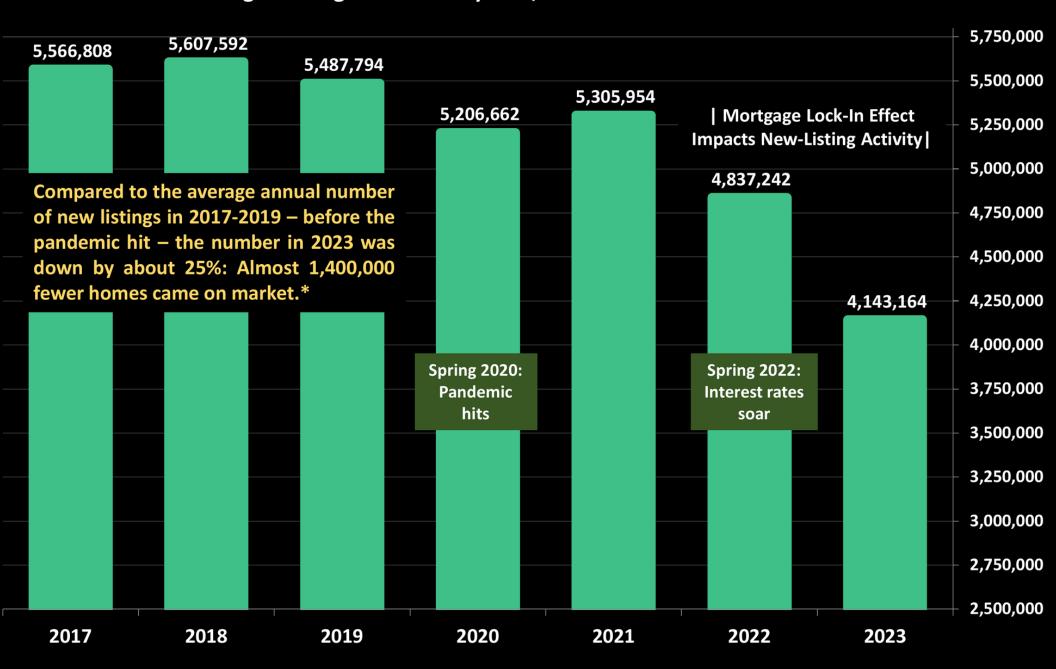


*Per Realtor.com Research: https://www.realtor.com/research/data/, residential listings posted on site. Data may lag full-month data due to RDC methodology. Data from sources deemed reliable, but may contain errors and subject to revision. All numbers approximate.

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U.S. Annual New-Listing Volume

Number of New Listings Coming on Market by Year, since 2017*

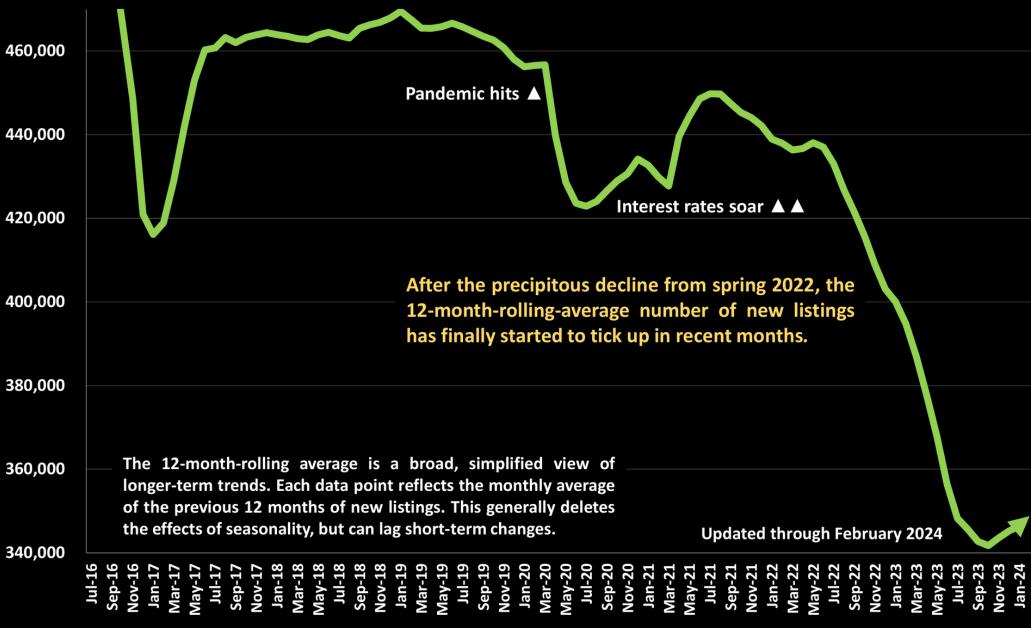


^{*}Per Realtor.com Research: https://www.realtor.com/research/data/, residential listings posted on site. Data from sources deemed reliable, but may contain errors and subject to revision. All numbers approximate.



U.S. New Listings Coming on Market

National Market Dynamics since 2017, 12-Month Rolling Average

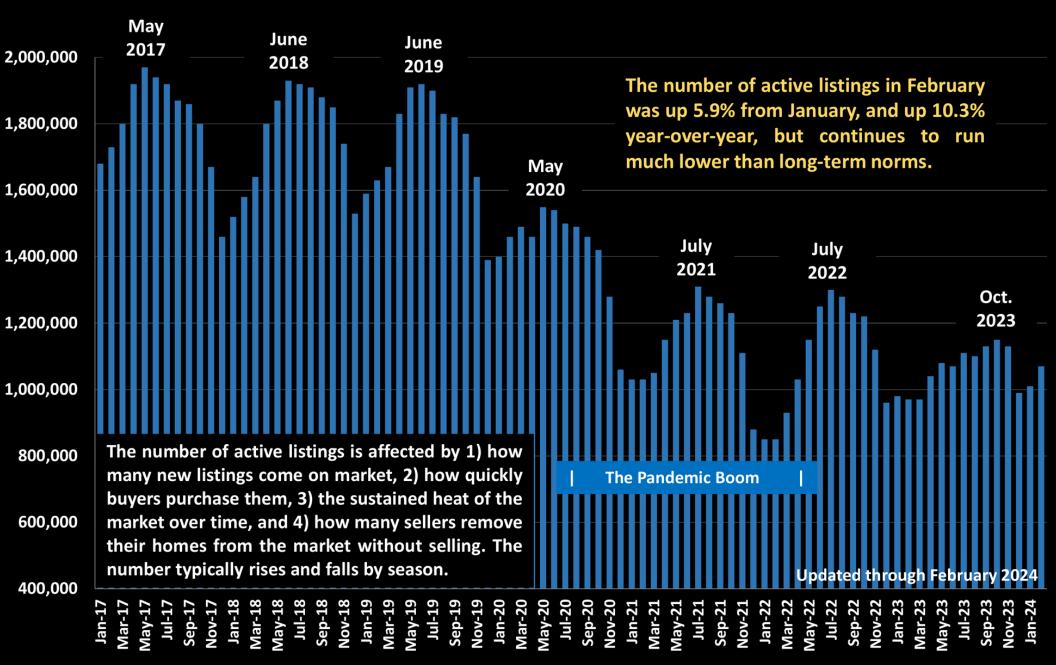


*Per Realtor.com Research: https://www.realtor.com/research/data/, residential listings posted on site. Data from sources deemed reliable, but may contain errors and subject to revision. All numbers approximate.



U.S. Active Listings For Sale

Market Dynamics & Seasonality since 2017

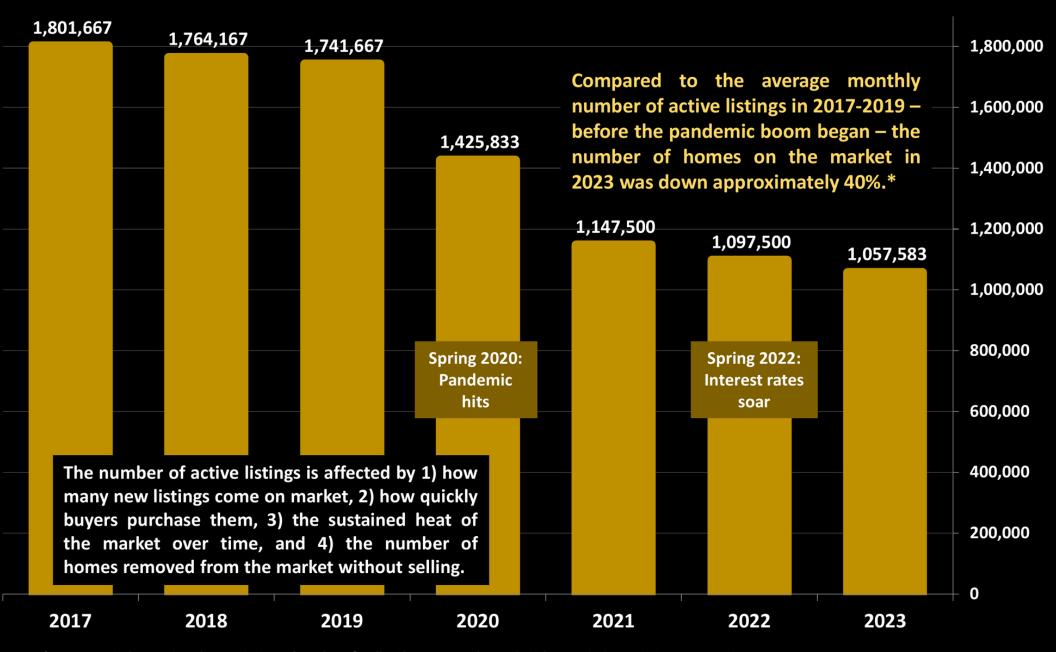


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U.S. Average Monthly Number of Active Listings

Annual Average Monthly Listing Inventory since 2017*

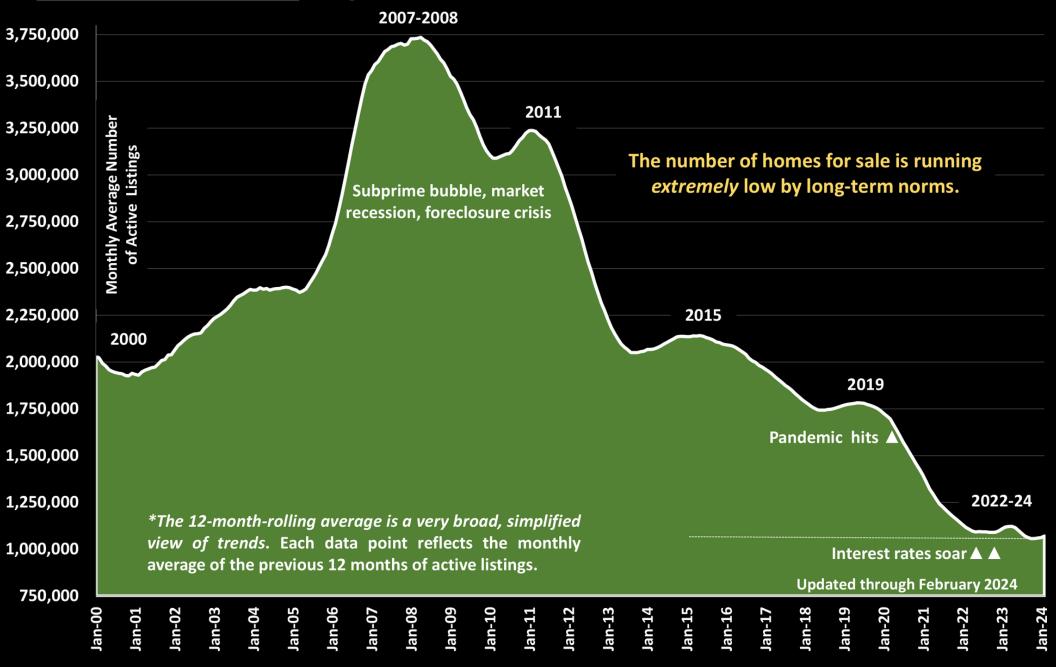


^{*}Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Existing Home Listings, not seasonally adjusted: single family dwellings, condos, co-ops. December 2023 number estimated using trend data through November 2023. Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Active Inventory of Homes for Sale

12-Month-Rolling Average, Long-Term Trends, since 2000*

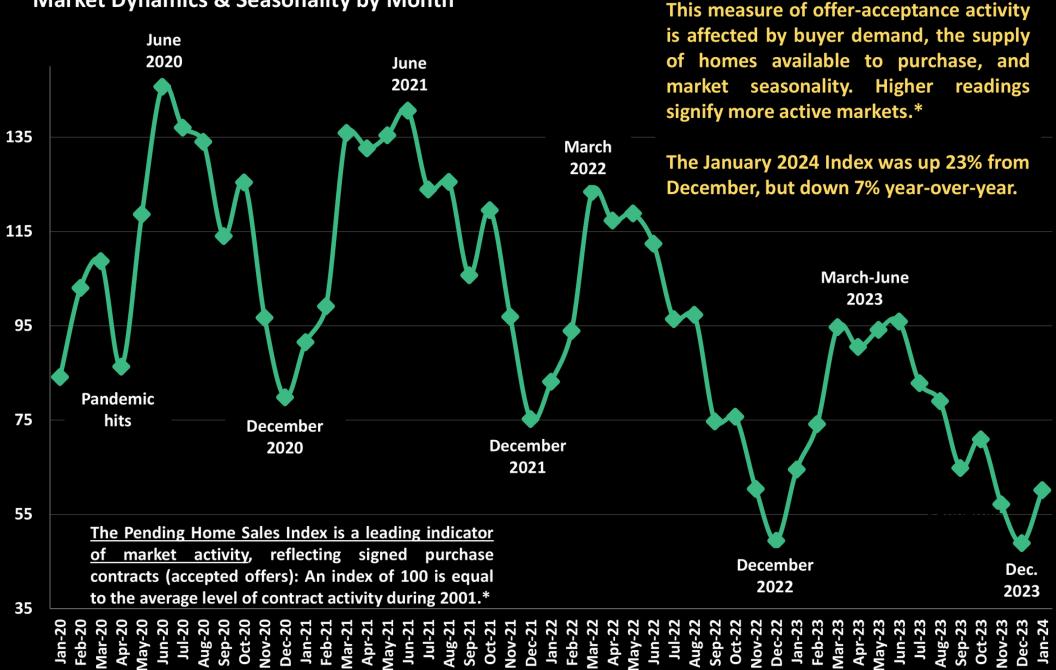


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U.S. Pending Home Sales Index

Market Dynamics & Seasonality by Month*

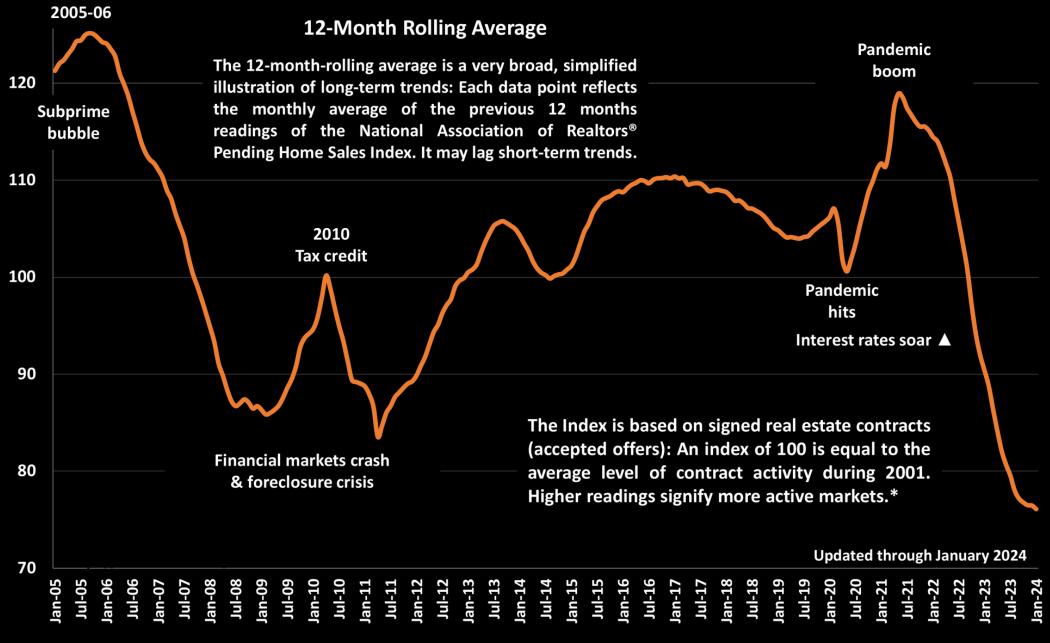


*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Existing Home going into contract, <u>not seasonally adjusted</u>: single family dwellings, condos, co-ops. Last month labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Pending Home Sales Index

Long-Term Market Dynamics since 2005*

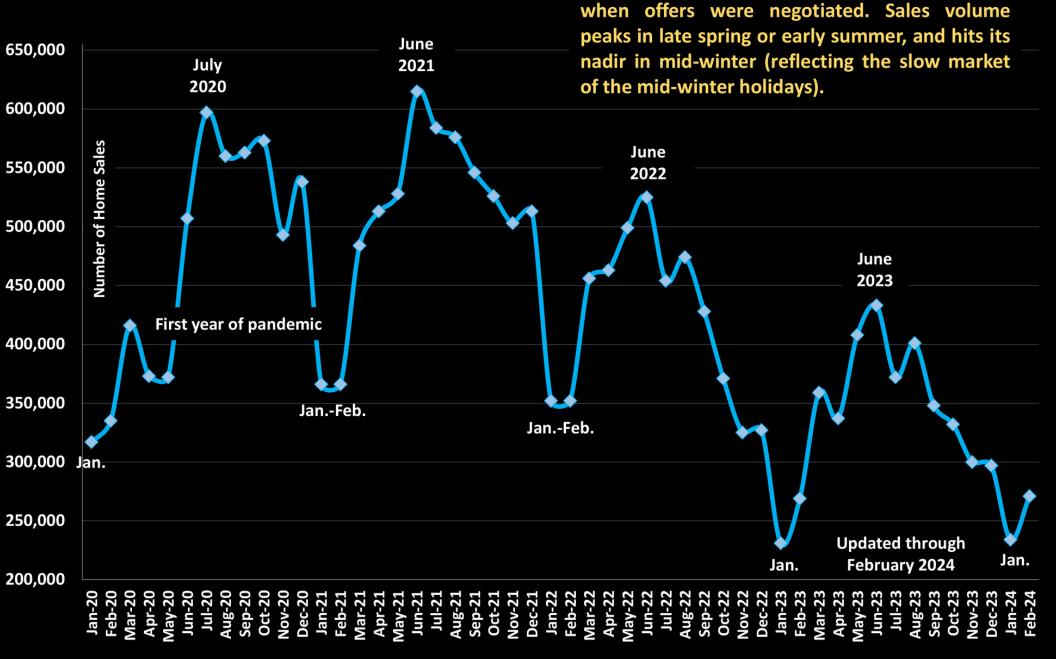


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U.S. Monthly Home Sales Volume

Market Dynamics & Seasonality since 2020*



^{*} Data copyright, National Association of Realtors[®]. All rights reserved. Used with permission. Existing home sales (single family dwellings, condos and co-ops), does not included new-home sales. Not seasonally adjusted. Last month labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.

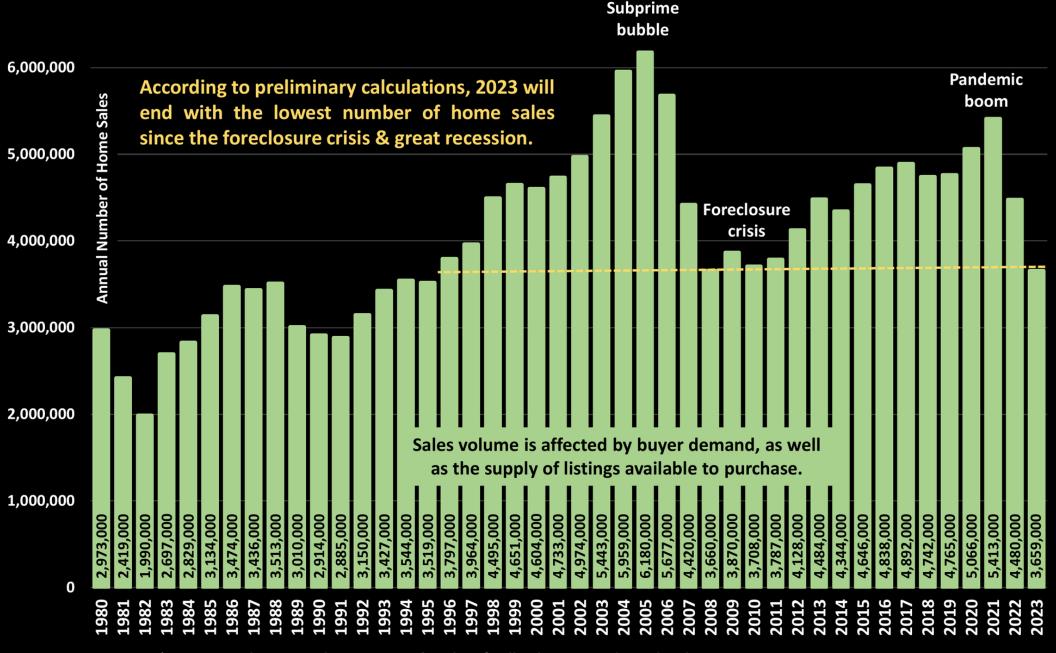


The number of sales in one month mostly

reflects market conditions in the previous month

U.S. Single Family Home Sales by Year

Annual National Sales Volumes since 1980*

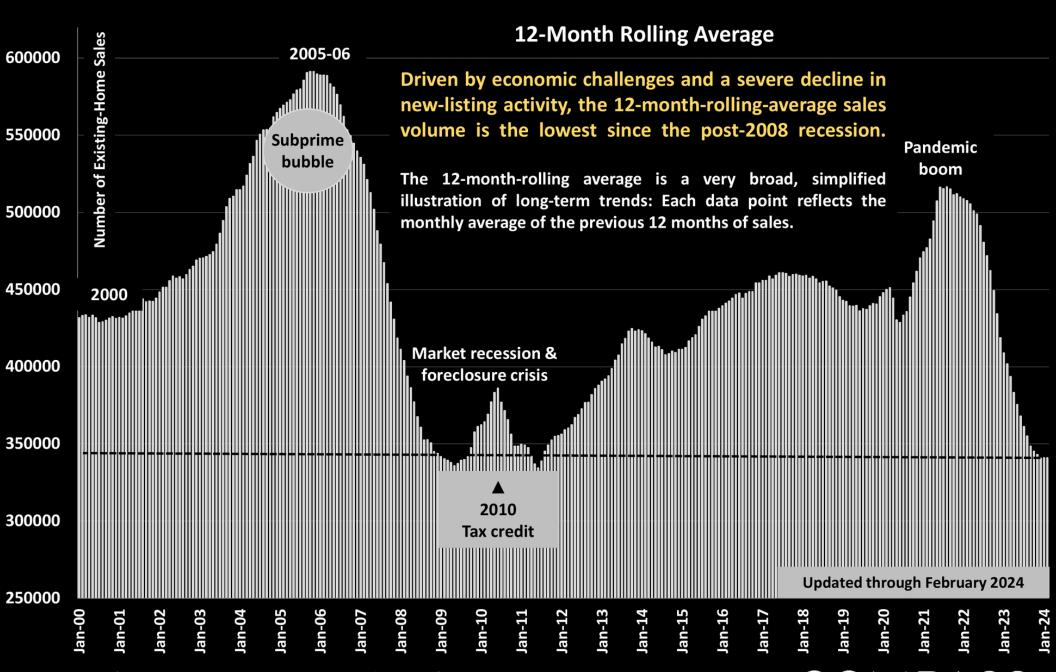


*Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Number of sales of existing single family dwellings - does not include new-home sales or condo/co-op sales. All numbers approximate, may contain errors and subject to revision.



U.S. Existing-Home Sales

Longer-Term Market Dynamics since 2000*

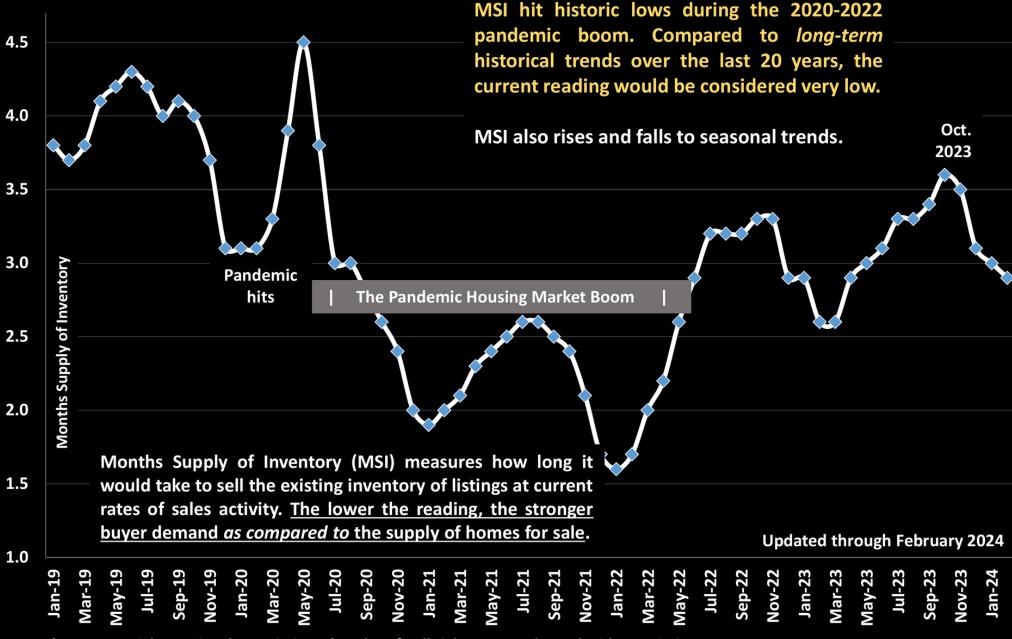


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U.S. Months Supply of Inventory (MSI)

National Market Dynamics since 2019*

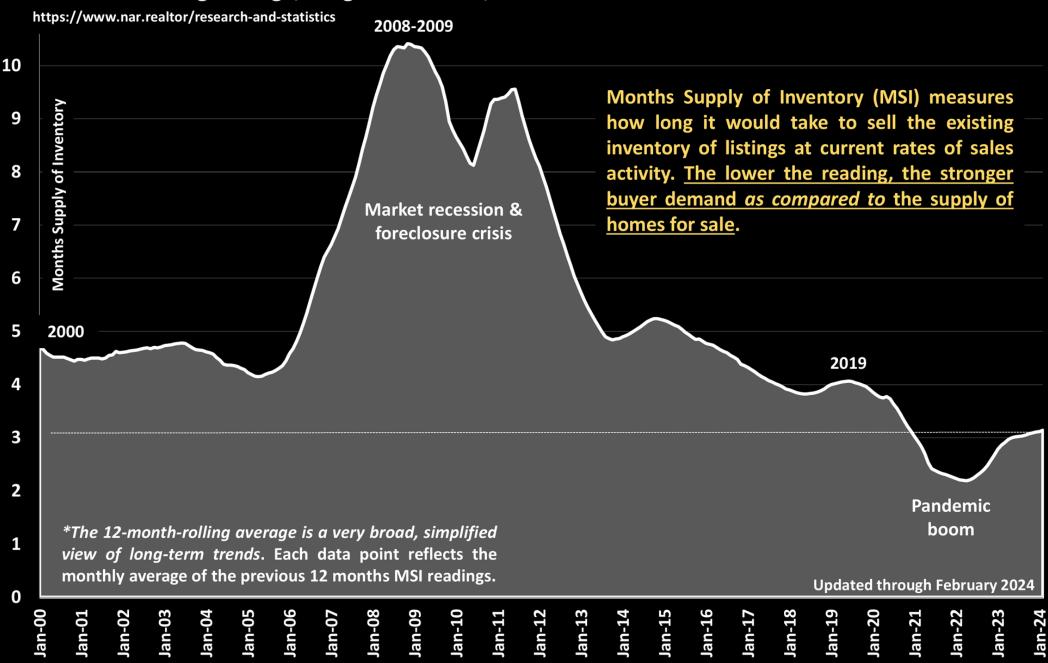


^{*} Data copyright, National Association of Realtors®. All rights reserved. Used with permission. Data for existing homes: houses, condos and co-ops, seasonally adjusted. Last month labeled "preliminary." Data from sources deemed reliable, but may contain errors and subject to revision.



U.S. Months Supply of Inventory (MSI)

12-Month-Rolling Average, Long-Term Trends, since 2000*

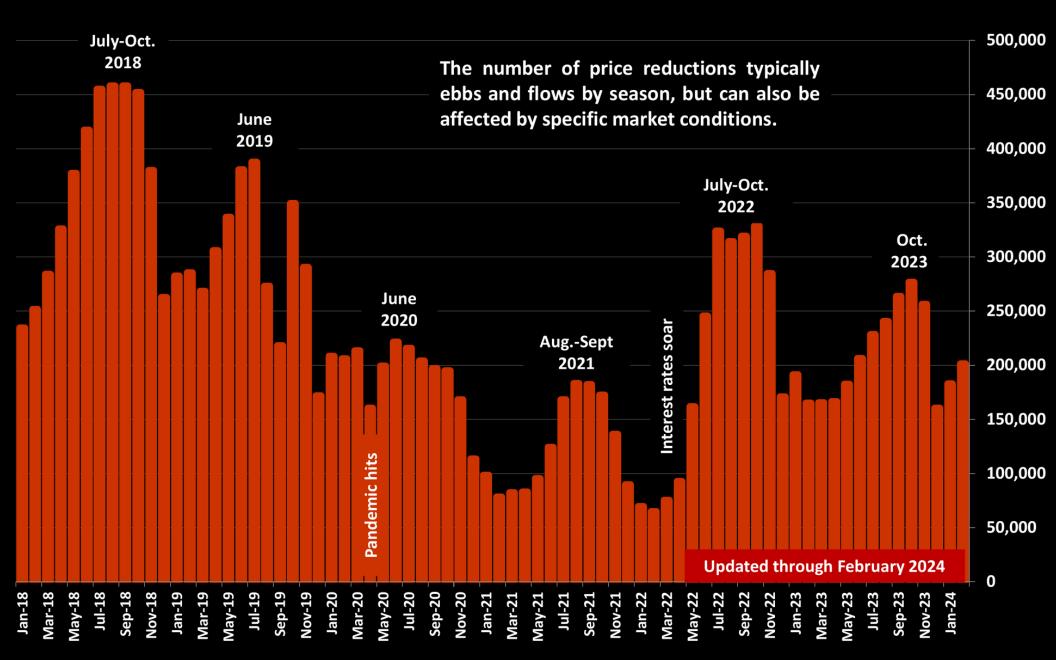


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U.S. Price Reductions on Active Listings

National Market Dynamics & Seasonality since 2018



Per Realtor.com Research: https://www.realtor.com/research/data/, listings posted to site. Data from sources deemed reliable, but may contain errors and subject to revision. All numbers approximate.



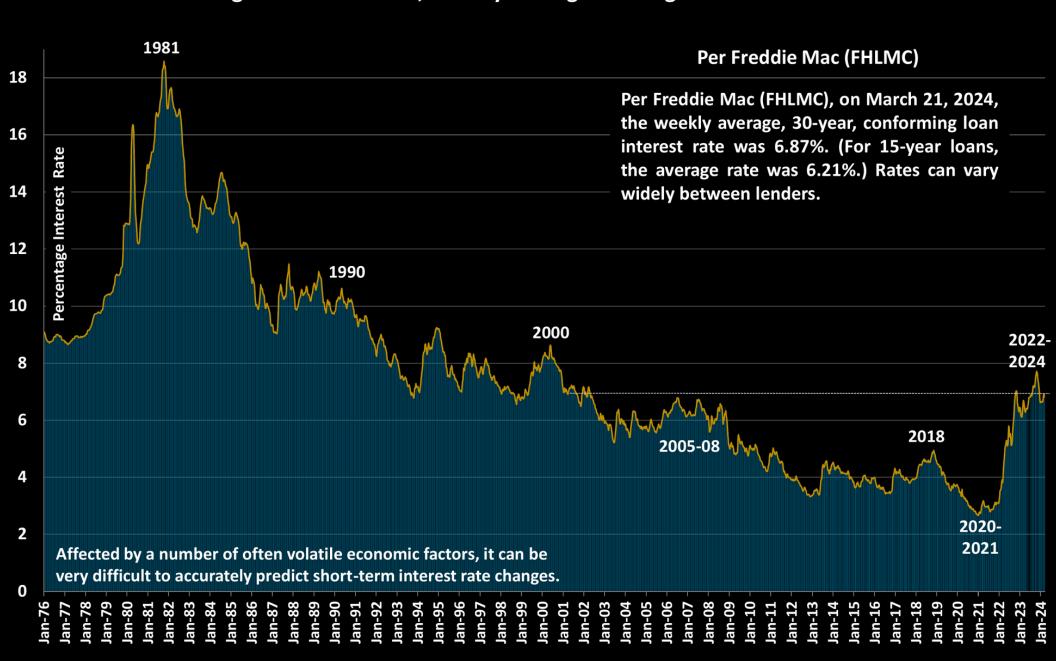
Compass National Real Estate Insights



Additional Economic Indicators



Mortgage Interest Rates, Long-Term Trends since 1976 30-Year Conforming Fixed-Rate Loans, Weekly Average Readings

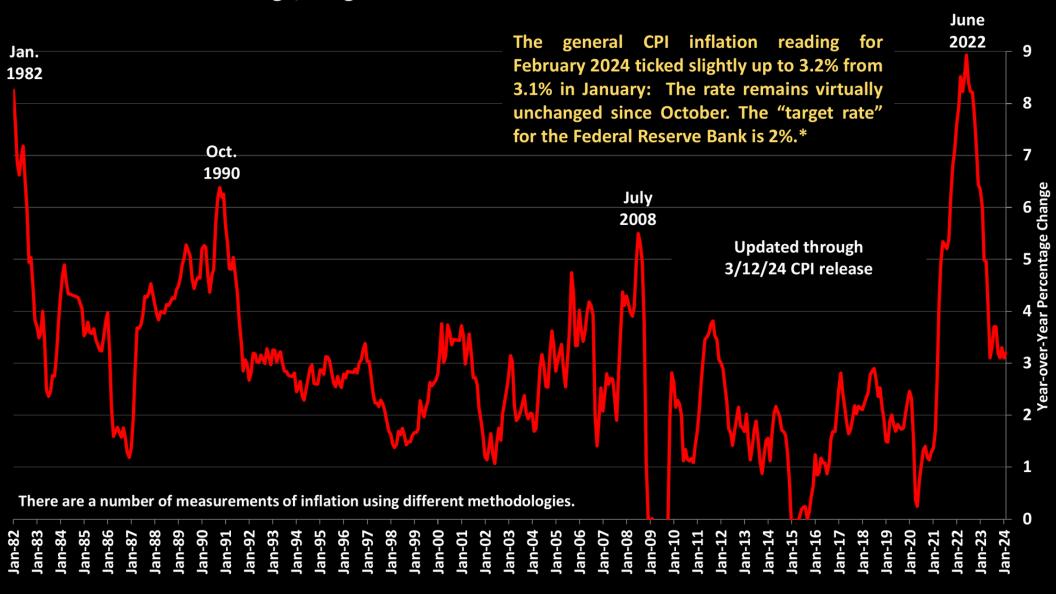


Freddie Mac, 30-Year Fixed Rate Mortgage Average in the United States, retrieved from Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/MORTGAGE30US. FHLMC: https://www.freddiemac.com/pmms. Data from sources deemed reliable but not guaranteed. All numbers approximate.



Inflation: Consumer Price Index Since 1982*

Year-over-Year % Change, Long-Term Trends

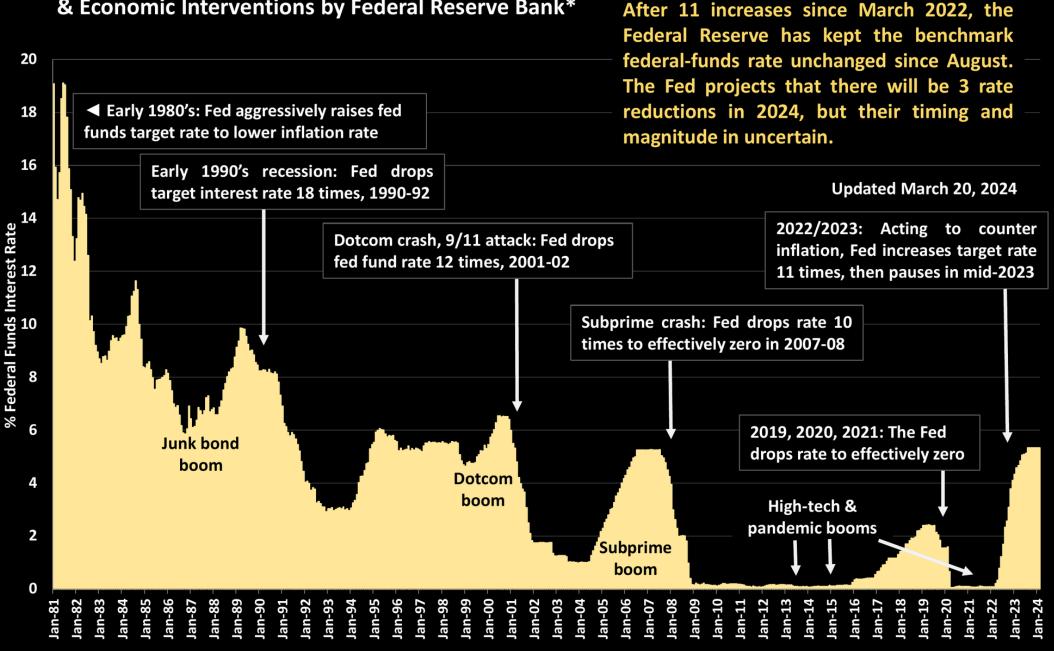


*Consumer Price Index for All Urban Consumers: All Items in U.S. City Average [CPIAUCSL], Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/graph/?g=8dGq. Data from U.S. Bureau of Labor Statistics. CPIAUCSL is a price index of a basket of goods and services paid by urban consumers. This particular index includes roughly 88 percent of the total population. Data from sources deemed reliable, but may contain errors and subject to revision.



Federal Funds Interest Rate since 1981

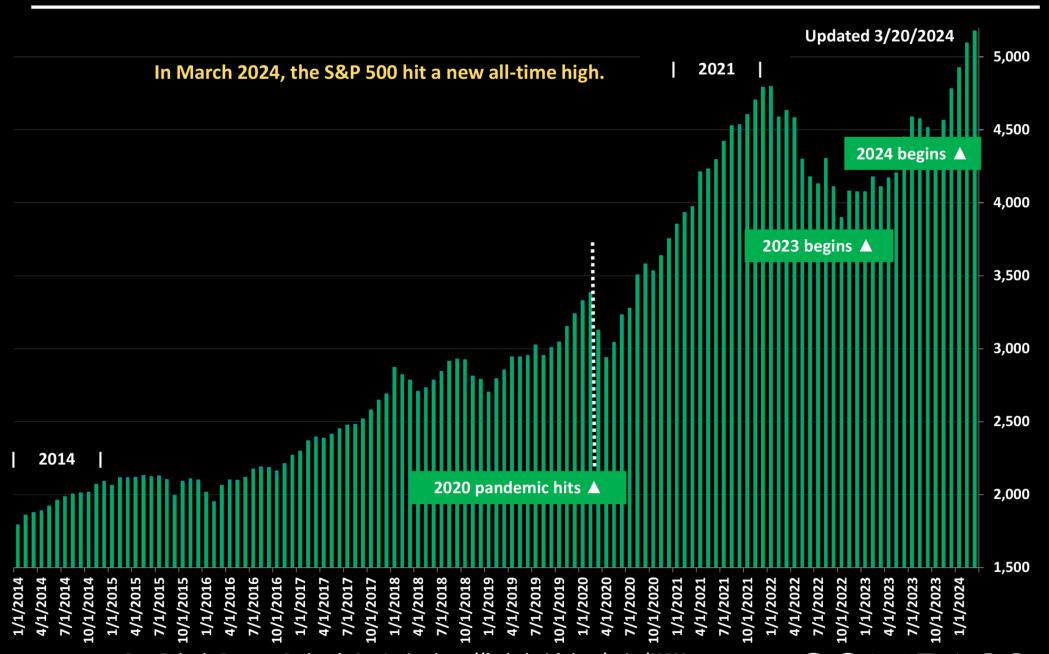
& Economic Interventions by Federal Reserve Bank*



^{*} Per Federal Reserve Bank of St. Louis and New York; https://fred.stlouisfed.org/series/FEDFUNDS; Last reading per https://www.newyorkfed.org/markets/reference-rates/effr. Other data referenced from sources deemed reliable, but may contain errors and subject to revision.



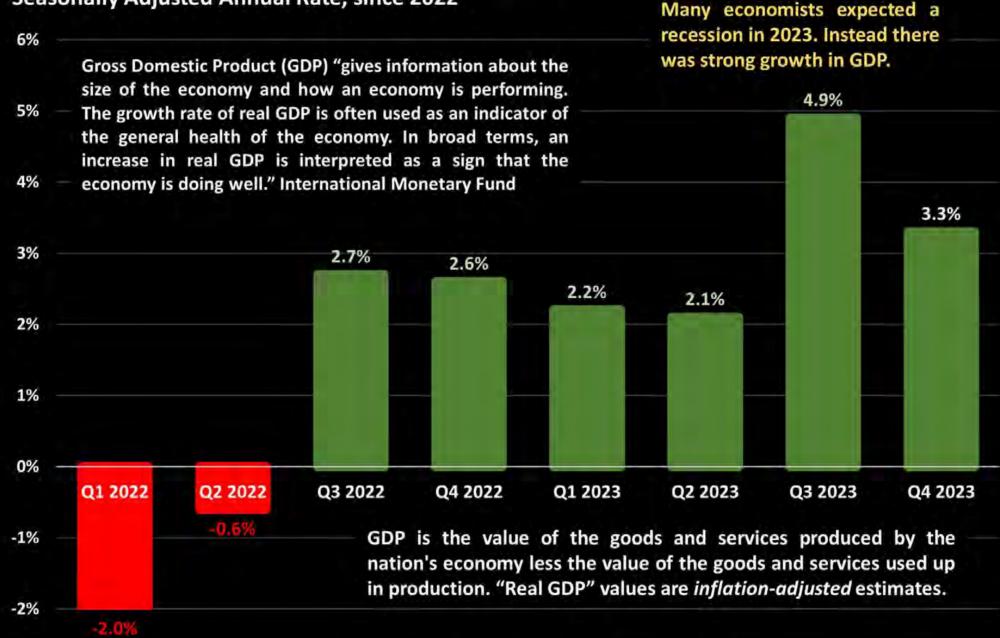
S&P 500 Stock Market Index Since 2014



Per Federal Reserve Bank of St. Louis: https://fred.stlouisfed.org/series/SP500 or Marketwatch.com. Data from sources deemed reliable, but may contain errors and subject to revision. Daily data translated into monthly columns. For general illustration purposes only.



Quarter to Quarter Change in U.S. Real GDP Seasonally Adjusted Annual Rate, since 2022*



*U.S. Bureau of Economic Analysis, Real Gross Domestic Product, Percent Change from Preceding Period, Quarterly, Seasonally Adjusted Annual Rate, per Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/A191RL1Q225SBEA. Data from sources deemed reliable, but may contain errors, and last reading subject to subsequent revision by the Bureau of Economic Analysis.



National Unemployment Rate

Since January 2000, Percentages by Month*



*U.S. Bureau of Labor Statistics, Unemployment Rate, from Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/UNRATE. Data deemed reliable, but may contain errors and subject to revision.

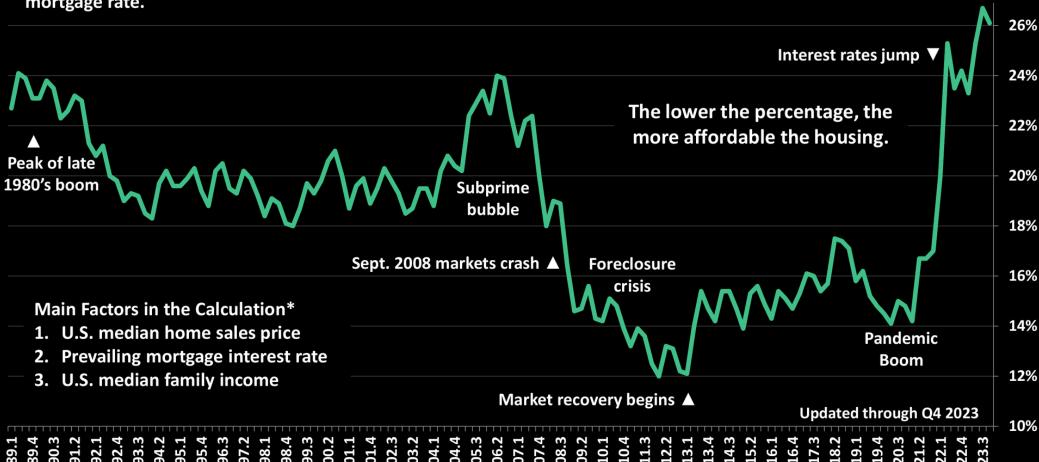


U.S. Housing Affordability since 1989

Principal & Interest Payment as % of Median Family Income*

The National Association of Realtors® Housing Affordability Index measures the percentage of median family income required to pay the monthly principal and interest payment of the median priced single family home in the U.S. Based on purchase with 20% down-payment at the prevailing "effective mortgage rate."

The 2023 rebound in home prices coupled with higher interest rates reduced Q3-Q4 housing affordability to its lowest level in decades.



*Data copyright, National Association of Realtors®: https://www.nar.realtor/research-and-statistics/housing-statistics/housing-affordability-index. All rights reserved. Used with permission. Based on quarterly sales of existing single family dwellings. Data from sources deemed reliable but may contain errors and subject to revision. All numbers are approximate.

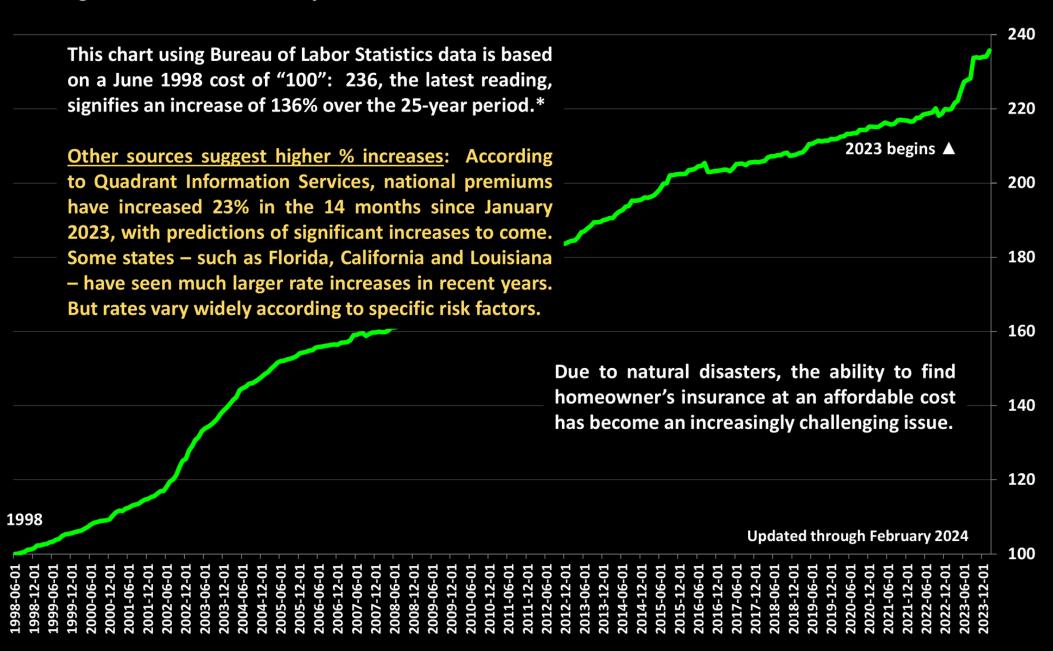


Q3-4

2023

U.S. Homeowner's Insurance Premiums

Change in Cost since 1998, by Month*



*U.S. Bureau of Labor Statistics, Premiums for Homeowner's Insurance, from Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/PCU9241269241262. Not seasonally adjusted. Data from sources deemed reliable, but may contain errors and subject to revision.



United States Billion-Dollar Disaster Type Counts

■ Drought ■ Flooding ■ Freeze ■ Severe Storm ■ Tropical Cyclone ■ Wildfire ■ Winter Storm

In inflation-adjusted dollars, the annual cost of U.S. billion-dollar natural disasters has gone from \$21.5 billion per year in the 1980's to \$144.3 billion per year in 2021-2023, an increase of 570%. This is the main factor behind soaring homeowner's insurance costs.

Time Period	Billion-Dollar Disasters	Events/Year	Cost	Cost/Year
1980s (1980-1989)	33	3.3	\$214.6B	\$21.5B
1990s (1990-1999)	57	5.7	\$327.7B	\$32.8B
2000s (2000-2009)	67	6.7	\$607.2B	\$60.7B
2010s (2010-2019)	131	13.1	\$972.5B	\$97.3B
Last 5 Years (2019-2023)	102	20.4	\$605.5B	\$121.1B
Last 3 Years (2021-2023)	66	22.0	\$433.0B	\$144.3B

Select Time Period Comparisons of United States Billion-Dollar Drought, Flooding, Freeze, Severe Storm, Tropical Cyclone, Wildfire, and Winter Storm Statistics (CPI-Adjusted). Table by National Centers for Environmental Information.

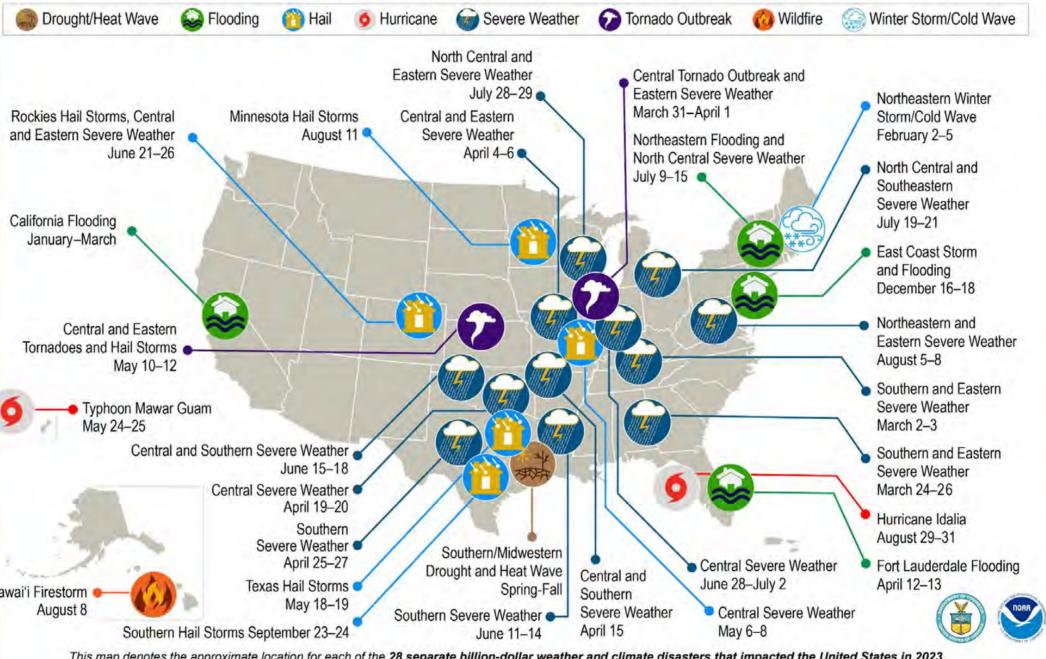


https://www.ncei.noaa.gov/access/billions/state-summary/US

Provided by



U.S. 2023 Billion-Dollar Weather and Climate Disasters

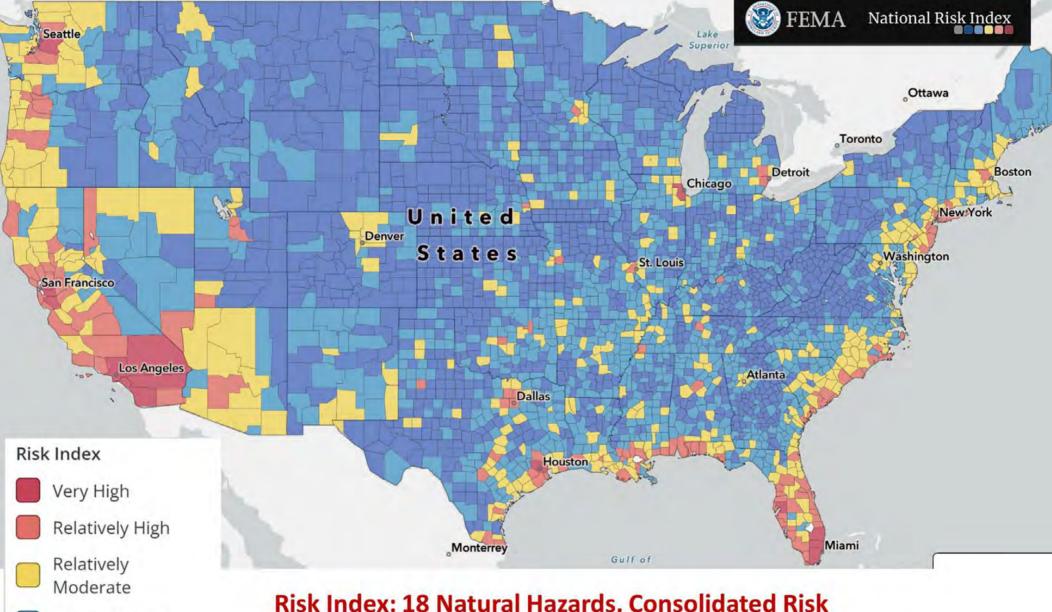


This map denotes the approximate location for each of the 28 separate billion-dollar weather and climate disasters that impacted the United States in 2023.



Map from https://www.ncei.noaa.gov/access/billions/ Provided by

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Risk Index: 18 Natural Hazards, Consolidated Risk

Expected Annual Loss × Social Vulnerability ÷ Community Resilience

The cost of housing within each county will be a significant element in this calculation.

= Risk Index

Relatively Low

Not Applicable

Insufficient Data

Very Low

No Rating

Map and ratings from FEMA, as of 2/21/24: https://hazards.fema.gov/nri/map

Provided by

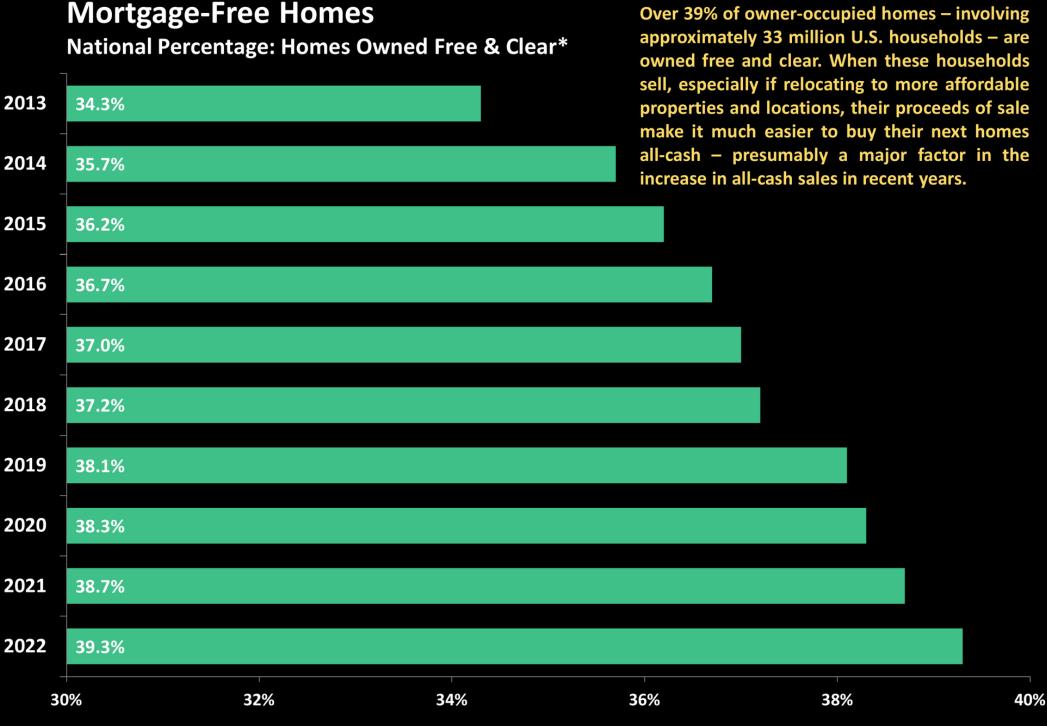


Delinquency Rate on U.S. Single Family Mortgages Percentage by Quarter since 1991*

12 2009 - 2012There were 3 huge interrelated factors in the 2008-2011 home-price crash: 1) An enormous flood of foreclosure Percentage Rate of Mortgage Delinquencies and short sales caused by the subprime lending fiasco, 2) 10 the dramatic, 2008 collapse in financial markets, which hammered household wealth and consumer confidence, and 3) the plunge in employment. Soaring mortgage delinquency rates are a leading indicator of crisis in both the housing market and economy. Subprime loan To a large degree due to long-term, fixed-rate mortgages bubble crash taken out during an extended period of extremely low interest rates, plus significant home-price appreciation since time of purchase, the U.S. mortgage delinquency rate remains close to a historic low. 1991-01-01 1997-01-01 1999-04-01 2000-10-01 2002-04-01 2003-01-01 2003-10-01 2004-07-01 2005-04-01 2006-01-01 006-10-01 010-07-01 2013-07-01 2017-04-01 2018-01-01 2019-07-01

*Delinquency Rate on Single-Family Residential Mortgages, Domestic Offices, All Commercial Banks, per Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/DRSFRMACBS. Data from sources deemed reliable but may contain errors and subject to revision. All numbers to be considered approximate. 2-period moving trend line.



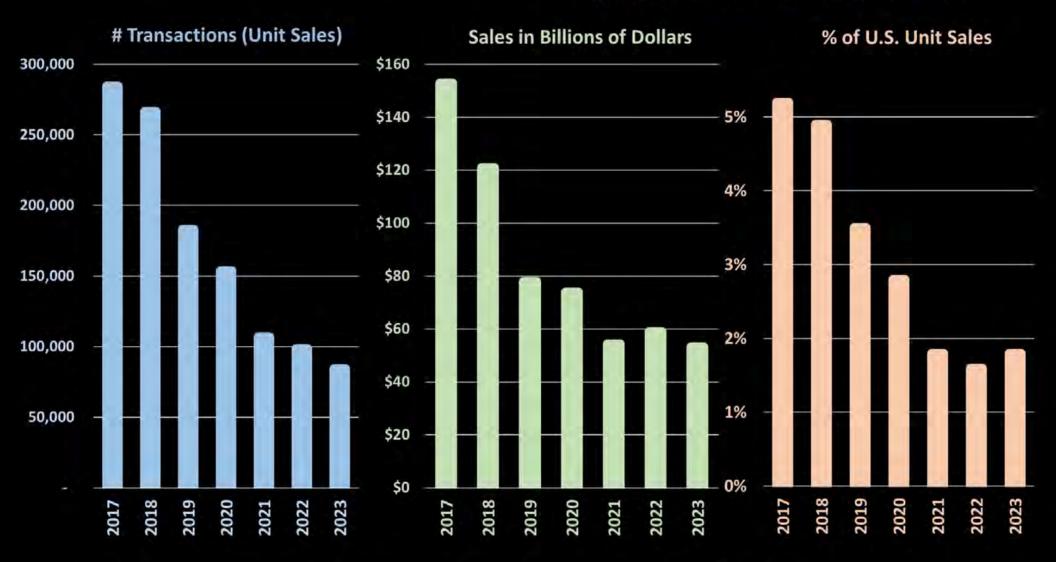


*Data per U.S. Census as reported on by Bloomberg News, "The Share of Americans Who Are Mortgage-Free Is at an All-Time High," 11/17/23. Data from sources deemed reliable, but not guaranteed and may contain errors. All numbers should be considered approximate.



Foreign-Buyer U.S. Home Purchases Measuring 12-Month Periods, 2017-2023*

According to estimates by the National Association of Realtors®, the number of existing homes purchased by foreign buyers just hit its lowest level in at least 14 years.*

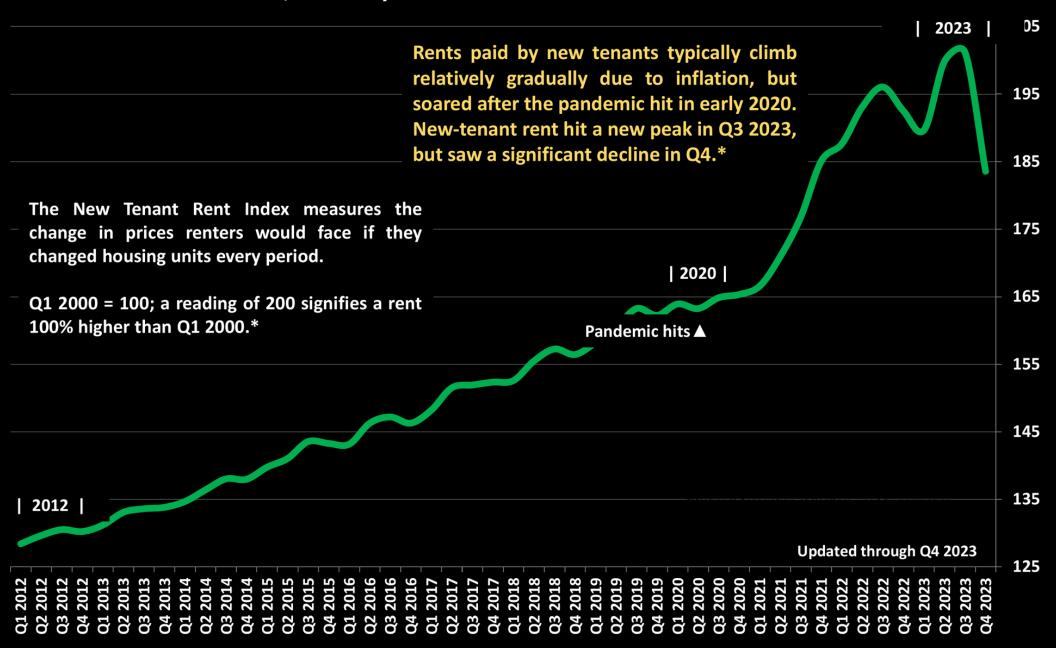


^{*} Years designated reflect estimated existing-home sales from April of the previous year through March of the year specified: Purchases by resident and non-resident foreign nationals. Estimates from the "2023 International Transactions in U.S. Residential Real Estate" published by the NATIONAL ASSOCIATION of REALTORS® 8/1/23, based upon a survey of Realtors. Data from sources deemed reliable, but may contain errors and subject to revision. All numbers should be considered approximate, good-faith estimates.

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New-Tenant Rent Index

Bureau of Labor Statistics, Quarterly CPI Measurement*



*U.S. Bureau of Labor Statistics: New Tenant Rent Index uses the "economic rent" calculated for the CPI-U Rent of Primary Residence Index. https://www.bls.gov/pir/new-tenant-rent.htm. All numbers to be considered approximate. Last quarter's data should be considered preliminary until substantiated over the longer term.



Rental Vacancy Rate

Long-Term Trends, by Quarter since 1980*



*U.S. Census Bureau, Rental Vacancy Rate in the United States [RRVRUSQ156N], Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/RRVRUSQ156N. Not seasonally adjusted. Data from sources deemed reliable but may contain errors and subject to revision. All numbers approximate.



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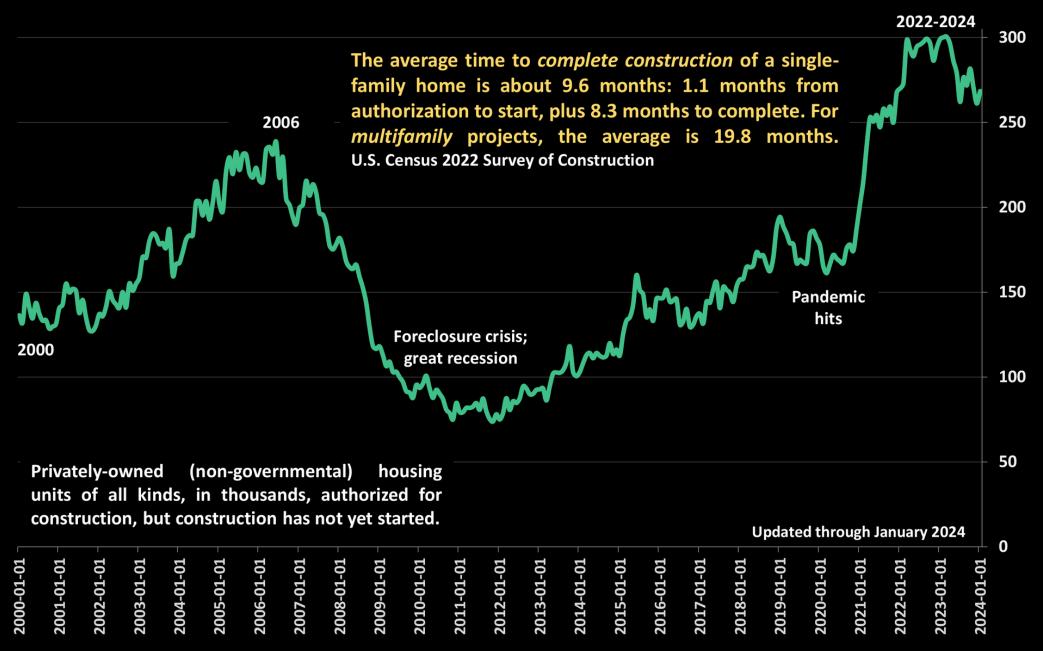


New-Construction Homes Market



New Home Construction: <u>Units Authorized</u>, <u>But Not Started</u>

National Number in Thousands of Units, by Month, since 2000*



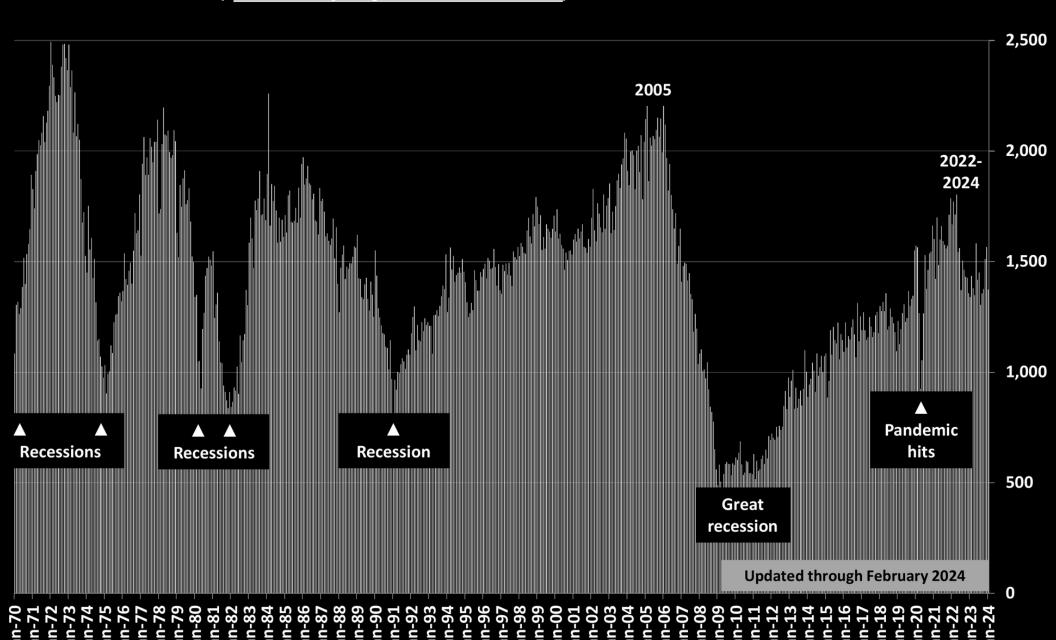
*U.S. Census Bureau and U.S. Department of Housing and Urban Development, New Privately-Owned Housing Units Authorized but Not Started. Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/AUTHNOTT. Not seasonally adjusted. Latest month labeled preliminary. All numbers are approximate estimates.



U.S. New-Construction Housing Units Started

Thousands of Units, Seasonally Adjusted Annual Rate, since 1970*

Privately-owned housing unit construction of all kinds.

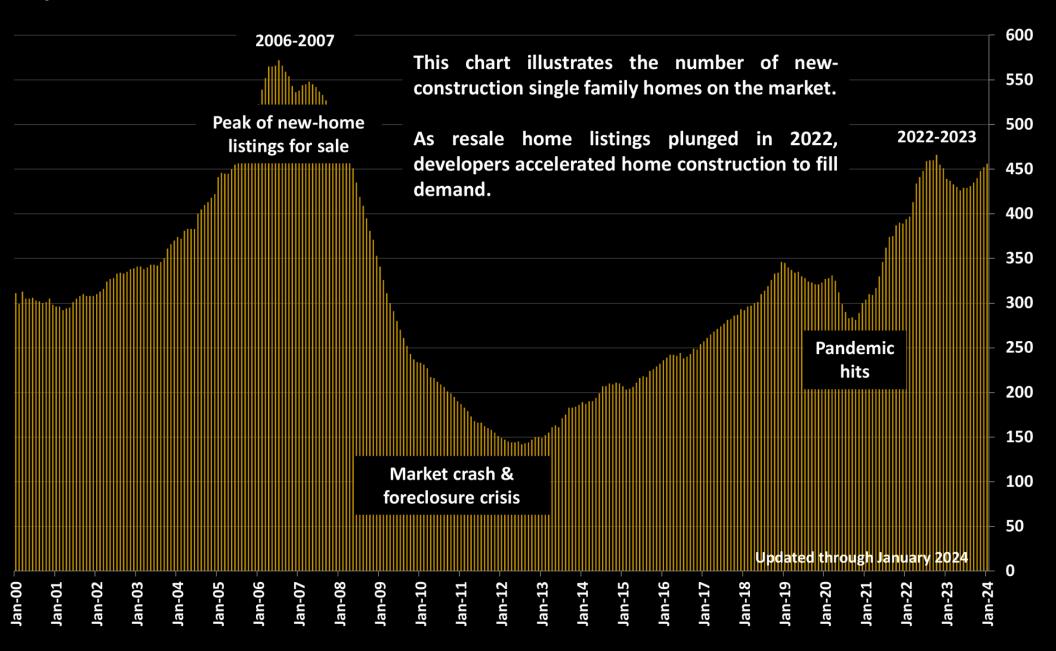


*Sources: U.S. Census, from Federal Reserve Bank of St. Louis: https://fred.stlouisfed.org/series/HOUST. Seasonally adjusted annual rate of housing-unit starts. Data from sources deemed reliable but may contain errors and subject to revision. Latest month's reading is preliminary. All numbers are approximate.



U.S. New-Construction Single-Family-Homes For Sale

By Month, in Thousands of Units, since 2000*

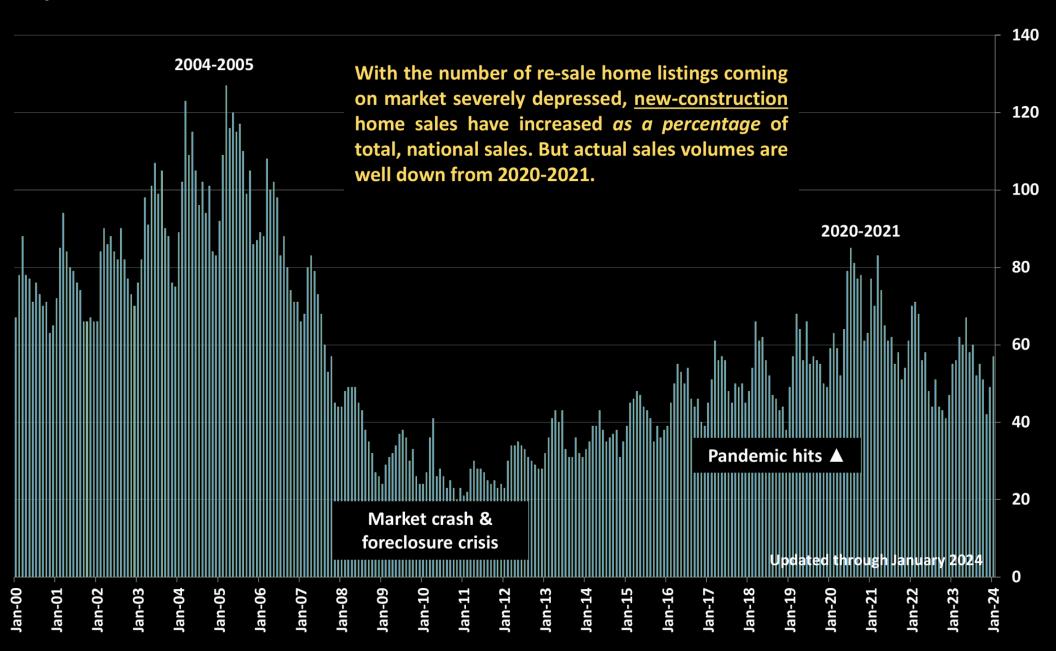


*Sources: U.S. Census & Department of Housing and Urban Development, from Federal Reserve Bank of St. Louis: https://fred.stlouisfed.org/series/HNFSEPUSSA. Data from sources deemed reliable but may contain errors and subject to revision. Latest month's reading is preliminary. All numbers are approximate.



U.S. New-Construction Single Family Home Sales

By Month, in Thousands of Units, since 2000*

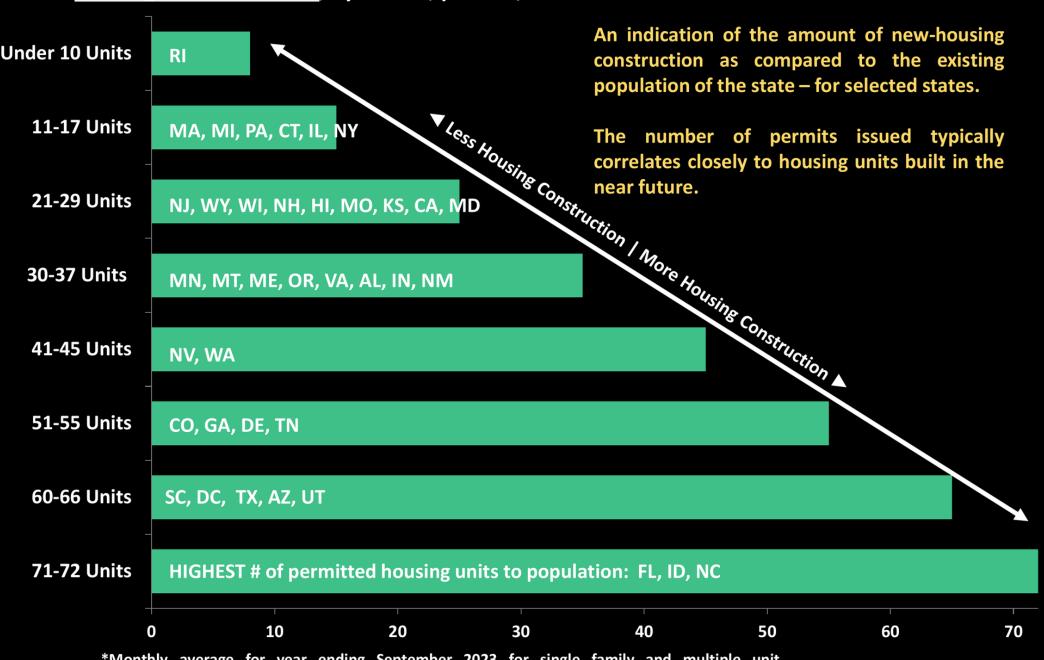


*Sources: U.S. Census & Department of Housing and Urban Development, from Federal Reserve Bank of St. Louis: https://fred.stlouisfed.org/series/HSN1FNSA. Not seasonally adjusted. Data from sources deemed reliable but may contain errors and subject to revision. Last month's estimate is preliminary. All numbers approximate.



New Construction by State

Housing Units Permitted, by Month, per 100,000 Residents*



*Monthly average for year ending September 2023 for single family and multiple unit construction. Data per U.S. Census Building Permits Survey, as reported by *The Washington Post*, "Where We Build Homes Helps Explain America's Political Divide," 11/24/23. Data from sources deemed reliable, but not guaranteed and may contain errors. All numbers approximate.

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How Much Do Zoning Regulations Add to Land Cost?

Added Cost per Quarter Acre Lot, For Selected U.S. Metro Areas*

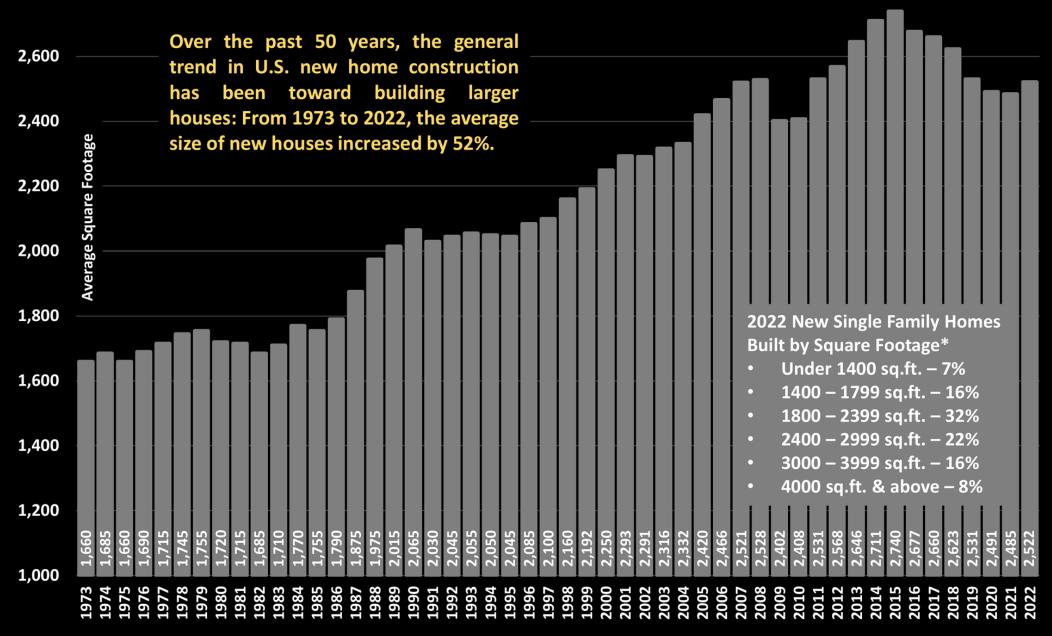


^{*}Additional cost of zoning and related restrictions per quarter acre. Data per Gyourko & Krimmel, Journal of Urban Economics, 2021, as reported by *The Washington Post*, "Where We Build Homes Helps Explain America's Political Divide," 11/24/23. Data from sources deemed reliable, but not guaranteed and may contain errors. All numbers rounded and approximate.



Average Size of New Single Family Homes

National Trend by Year of Construction, since 1973*



*Data per U.S. Census, Characteristics of New Housing: https://www.census.gov/construction/chars/index.html. U.S. single family dwellings built for sale. All numbers approximate, may contain errors and subject to revision. Percentages rounded.

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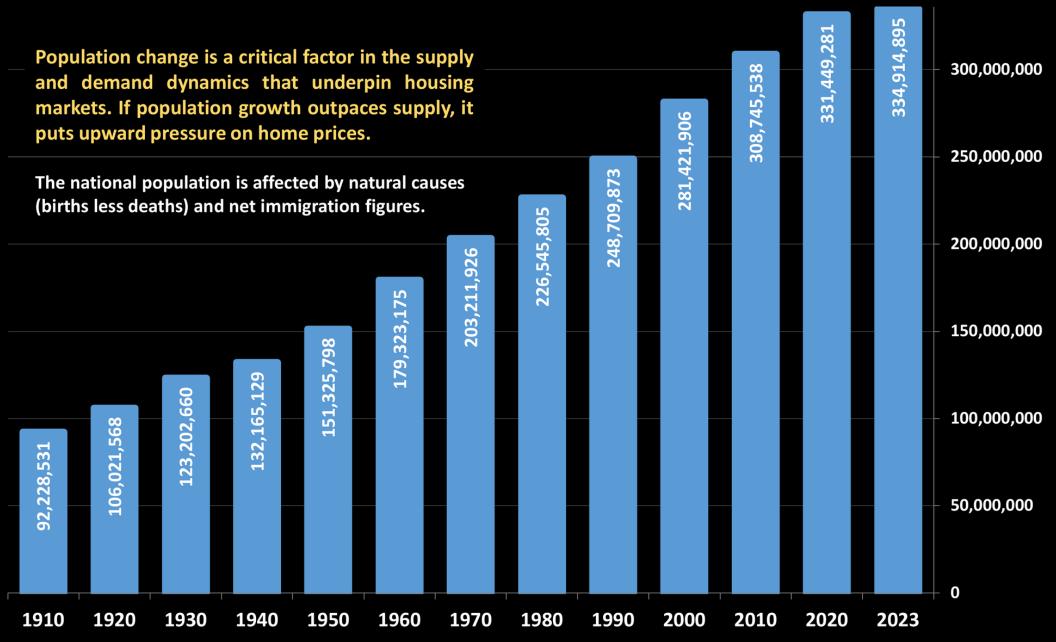


Selected Demographic Snapshots



National Population Trends since 1910*

U.S. Census Estimates, by Decade, Updated through 7/1/2023

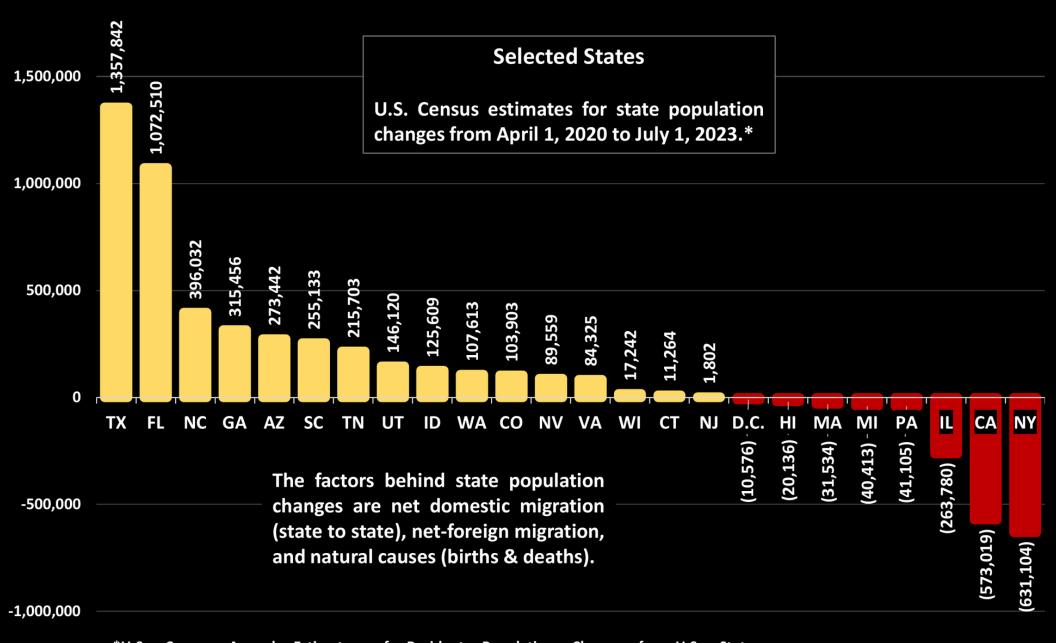


^{*} Per U.S. Census estimates through 7/1/2023: Deemed reliable, but may contain errors and subject to revision. All numbers approximate.

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State Population Changes since the Pandemic Hit

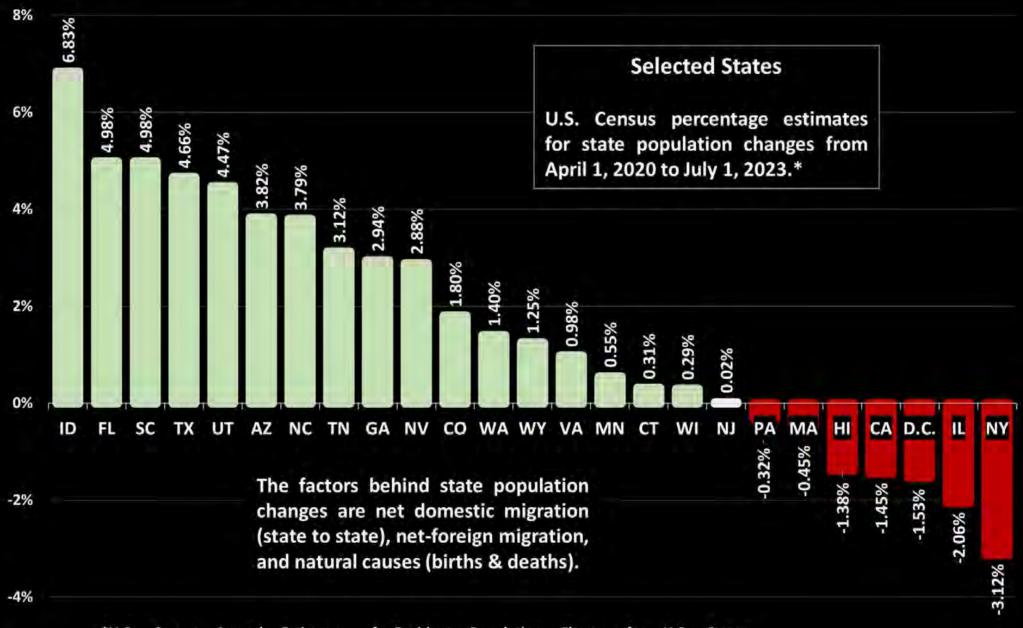
U.S. Census Estimates: April 2020 to July 1, 2023*



*U.S. Census Annual Estimates of Resident Population Change for U.S. States: https://www.census.gov/data/tables/time-series/demo/popest/2020s-national-total.html. Published by Census on 12/19/2023. Data from sources deemed reliable, but may contain errors. All numbers should be considered approximate and subject to revision in later Census estimates.



State Population: Percentage Changes since the Pandemic Hit U.S. Census Estimates: April 2020 to July 1, 2023*

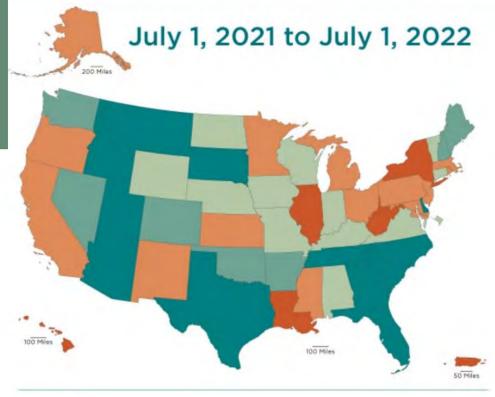


*U.S. Census Annual Estimates of Resident Population Change for U.S. States: https://www.census.gov/data/tables/time-series/demo/popest/2020s-national-total.html. Published by Census on 12/19/2023. Data from sources deemed reliable, but may contain errors. All numbers should be considered approximate and subject to revision in later Census estimates.

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State population numbers typically increase over time, but since 2020, there have been significant variations between states, mostly due to domestic and foreign migration trends. These often have substantial effects on housing markets.

Percent Change in State Population



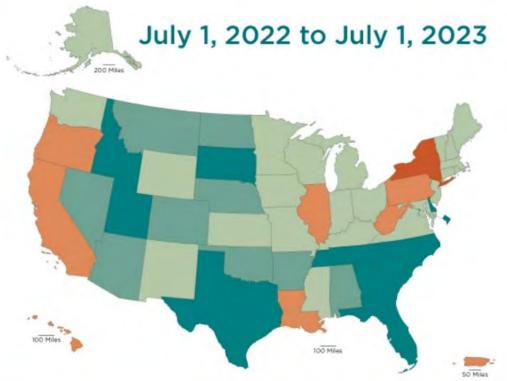
Percent change



Small percentage declines in highpopulation states can lead to larger % gains in less populated states.



U.S. Department of Commerce u.s. CENSUS BUREAU census.gov



U.S. Census Snapshots

Housing Units by Room Count*	
1 room	2.6%
2 or 3 rooms	12.4%
4 or 5 rooms	34.2%
6 or 7 rooms	29.4%
8+ rooms	21.5%

Housing Units By Building Type*	
Single family	67.5%
2-unit buildings	3.3%
3-4 unit buildings	4.3%
5-9 unit buildings	4.5%
10+ unit buildings	14.7%
Other (mobile homes, etc.)	5.7%

Housing by Era of Construction*	
1939 or earlier	11.6%
1940-1959	13.9%
1960-1979	23.8%
1980-1999	24.9%
2000-2019	23.9%
2020-2022	1.9%

Housing Occupancy	
Owner-occupied	58.9%
Renter	31.4%
Vacant	9.7%

Residence, One Year Ago	
Same Home	87.4%
Different Home	
In same county	6.2%
Different county, same state	3.2%
Different state	2.5%
Abroad	0.6%

Household Income	
Less than \$25,000	16%
\$25,000 - \$49,999	18%
\$50,000 - \$74,999	16.2%
\$75,000 - \$99,999	12.8%
\$100,000 - \$149,999	16.9%
\$150,000 - \$199,999	8.7%
\$200,000+	11.5%

Per U.S. Census 2022, ACS 1-year estimates, released September 2023. *Occupied Housing Units, **Employment, 16+ years of age. All numbers are approximate.

Employment in Millions**	
Private wage & salary	129.3m
Government	23.3m
Self-employed	9.8m
Armed forces	1.35m
Unemployed	7.3m
Unemployment Rate	4.3%

Employment**	
Education, health, social assist.	23.1%
Professional, scientific, mgmt.	12.6%
Retail trade	11.1%
Manufacturing	9.9%
Arts, entertainment, hospitality	8.7%
Construction	6.9%
Finance, insurance, real estate	6.7%
Transport, warehousing, utilities	6.0%
Public administration	4.6%
Wholesale trade	2.2%
Information	1.9%
Agriculture, forestry, mining	1.6%



U.S. Census Snapshots

Educational Attainment*	
No high school diploma	10.4%
High school graduate	26.1%
Some college, no degree	19.1%
Associate degree	8.8%
Bachelor's degree	21.6%
Graduate/professional degree	14.0%

Commute	
Drive alone	68.7%
Carpool	8.6%
Public transport	3.1%
Walked	2.4%
Other	2.0%
Worked from home	15.2%

Per U.S. Census 2022, ACS 1-year estimates, released September 2023. *Education, 25+ years of age. **Life expectancy at birth, 2021 figures per CDC. ***Will not add up to 100% due to overlapping categories. All numbers are approximate and subject to revision.

Population by Age	
Under 10 years of age	11.4%
10 to 19 years	12.9%
20 to 24 years	6.7%
25 to 34 years	13.6%
35 to 44 years	13.2%
45 to 54 years	12.1%
55 to 64 years	12.8%
65 to 74 years	10.2%
75 to 84 years	5.3%
85+ years	1.8%
Median age	39 years
Life Expectancy**	
Men	73.2
Women	79.1

Population by Race***	
White (not Hispanic)	57.7%
Hispanic or Latino (any race)	19.1%
Black/African-American (not Hispanic)	11.9%
Asian	5.8%
Native American, Alaskan, and Hawaiian	0.7%
Two or more races	12.5%

Place of Birth	
Same state as residence	57.3%
Different state	27.1%
Puerto Rico, U.S. islands	1.7%
Foreign-born (46.2 million)	13.9%

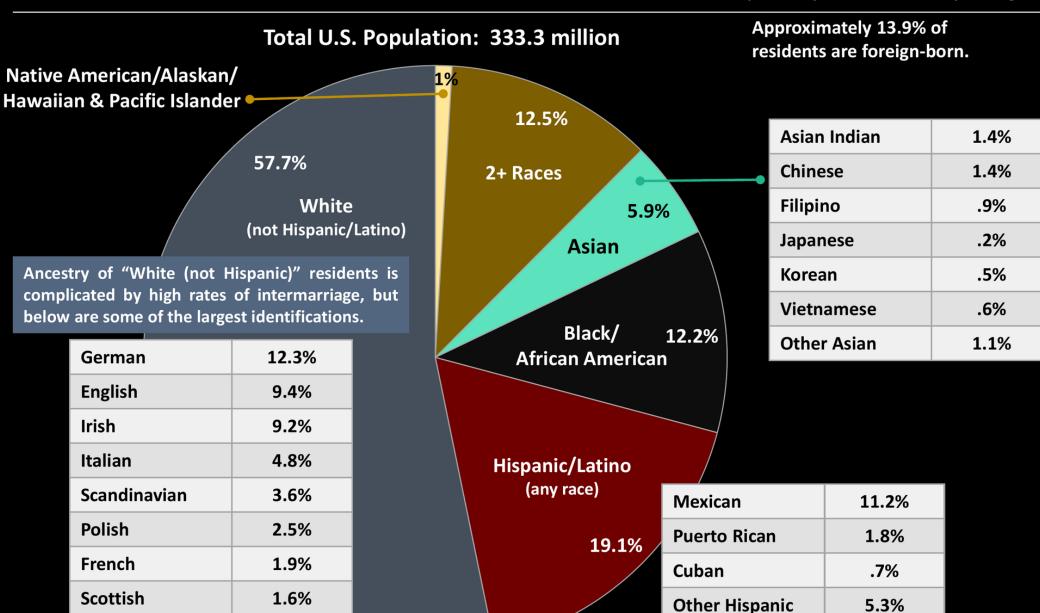
Source of Foreign-Born Population				
Latin America	50.3%			
Asia/Oceania	31.7%			
Europe	10.2%			
Africa	6.0%			
North America	1.8%			
Citizen Status				
Naturalized U.S. citizen	53.1%			
Not a U.S. citizen	46.9%			

Language Spoken at Home		
English only	78.0%	
Spanish	13.3%	
Other Indo-European	3.8%	
Asian/Pacific Islander	3.6%	
Other	1.2%	

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United States Population Breakdown Estimates by Race/Ancestry*

Census Report "People Reporting Ancestry" as self-reported by U.S. residents responding



*U.S. Census 2022 ACS 1-Year Estimates. Categories as delineated by U.S. Census. Data from sources deemed reliable, but may contain errors and subject to revision. Estimates published with significant margins of error and should be considered very approximate. Due to the way Census data is presented & sorted, percentages do not add up to 100%.



Highlights from the "2023 Profile of Home Buyers and Sellers"

Published by the National Association of Realtors®, 11/13/23

The typical first-time buyer was 35 years old; the typical repeat buyer was 58.
59% of buyers were married couples, 19% single females, 10% single males, and 9% were unmarried couples.
30% of buyers had a child under 18 in their home (down from 58% in 1985).
13% of buyers purchased a new-construction home; 87% bought a previously-owned home.
Buyers typically searched for 10 weeks before purchasing. Approximately 5% - 10% purchased
without seeing the property in person, using only online materials (per Realtors® Confidence Survey)
14% bought a multi-generational home – for care of aging parents, cost savings and to
accommodate children aged 18+ years moving back in.
The typical home purchased had 3 bedrooms, 2 baths, and 1,860 square feet of living space.
Senior-related housing constituted 19% of purchases (involving buyers over the age of 60).
The median distance between the home purchased and the home moved from was 20 miles.
60% of buyers cited quality of neighborhood as the most important factor in location. 45% cited
proximity to friends and family and 39% housing affordability as major factors.
80% of buyers financed their purchase, down from 87% in 2021. The typical downpayment for
first-time homebuyers was 8%, and for repeat buyers, 19%.
The typical home seller was 60 years old, and had lived in their home for 10 years before selling.
63% of sellers reported moving within the same state, moving a median of 35 miles.
Homes sold were on market for a median 2 weeks, selling at a median of 100% of final list price.
89% of buyers and sellers worked with a real estate agent. 7% of sales were for-sale-by-owner
(FSBO) – 57% of FSBO sales involved parties who already knew each other. Less than 1% of sales
involved an ibuyer firm.

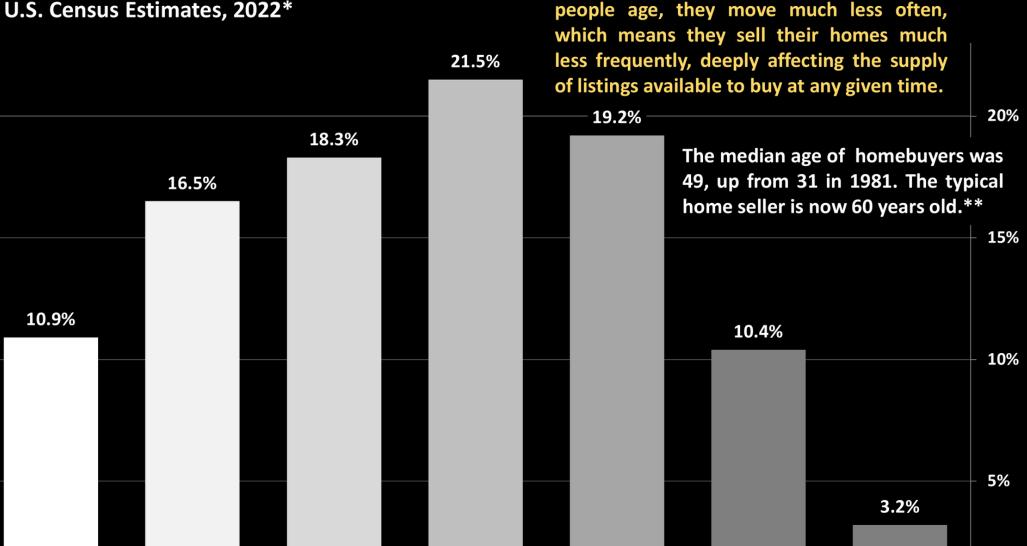
^{*}Data copyright, National Association of Realtors®: https://www.nar.realtor/research-and-statistics/research-reports/highlights-from-the-profile-of-home-buyers-and-sellers. Used with permission. Data was collected via a survey of recent U.S. home buyers and sellers who completed a transaction between July 2022 and June 2023. Data from sources deemed reliable, but may contain errors and subject to revision.



Percentage of U.S. Homeowners by Age U.S. Census Estimates, 2022*

Under 35

35 to 44



Age of Householder, Owner-Occupied Housing Units

55 to 64

65 to 74

*U.S. Census, 2022 1-year ACS estimates, "Demographic Characteristics for Occupied Housing Units." Data from sources deemed reliable, but may contain errors and subject to revision. All numbers approximate. ** Per National Association of Realtors, 11/2023

45 to 54



85+ Years

0%

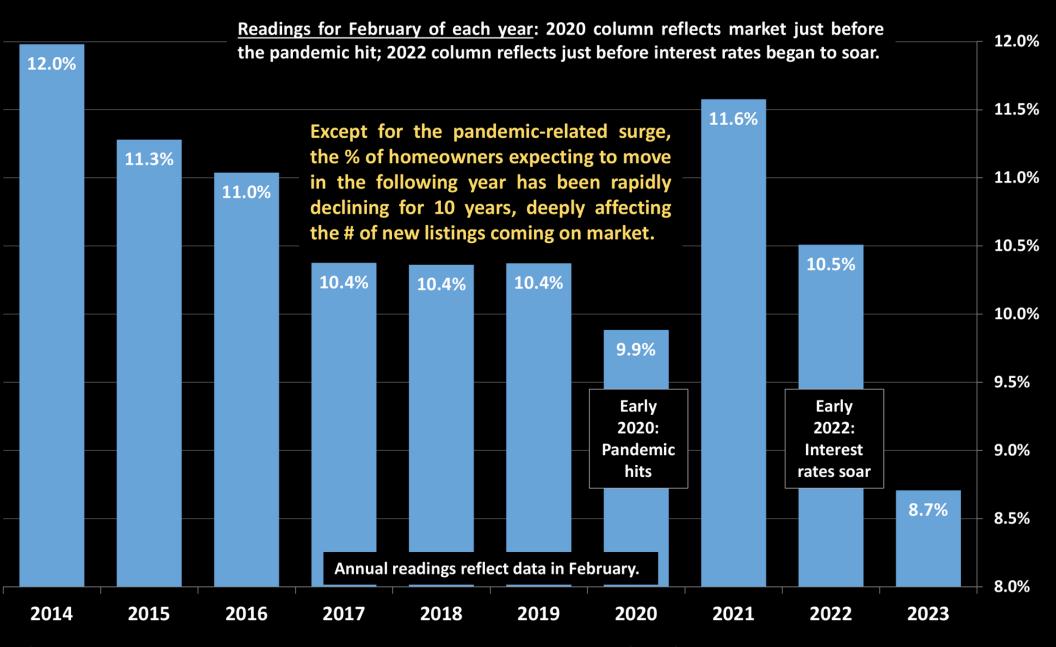
Over 54% of U.S. homeowners are now aged

55 years and above. Generally speaking, as

75 to 84

U.S. Homeowner: "Probability of Moving" in Next 12 Months

Federal Reserve Bank of New York, Survey of Consumer Expectations*

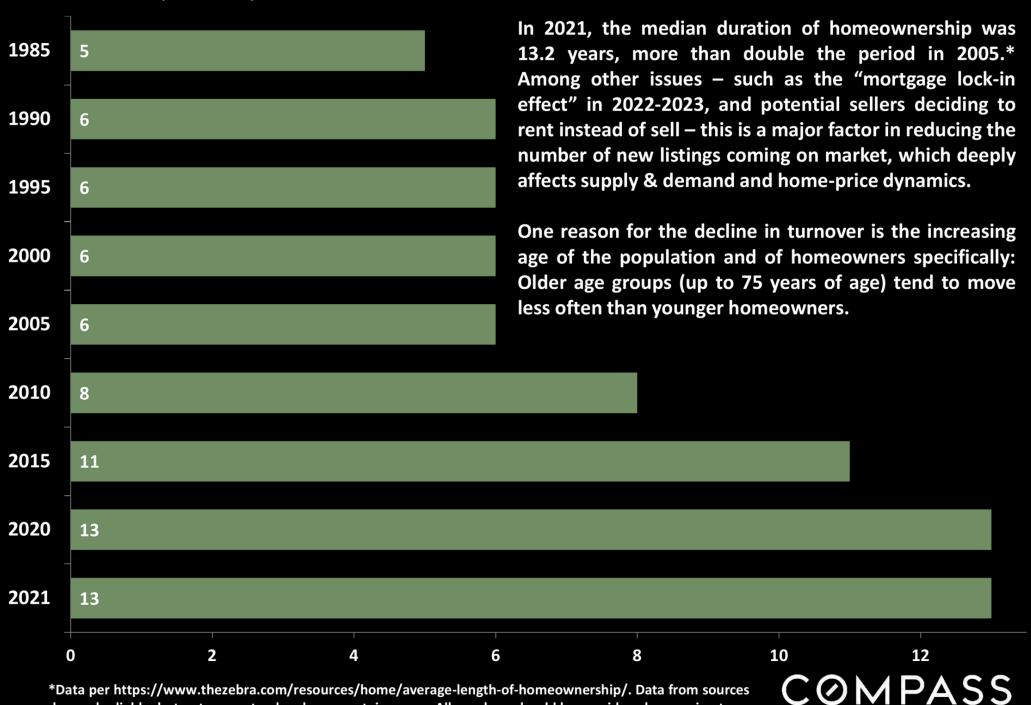


*Source: Survey of Consumer Expectations, © 2013-2023 Federal Reserve Bank of New York (FRBNY). The SCE data are available without charge at http://www.newyorkfed.org/microeconomics/sce and may be used subject to license terms posted there. FRBNY disclaims any responsibility for this analysis and interpretation of Survey of Consumer Expectations data. https://www.newyorkfed.org/microeconomics/sce/housing#/owners_21



Period of Homeownership before Selling

National Data, in Years, since 1985*

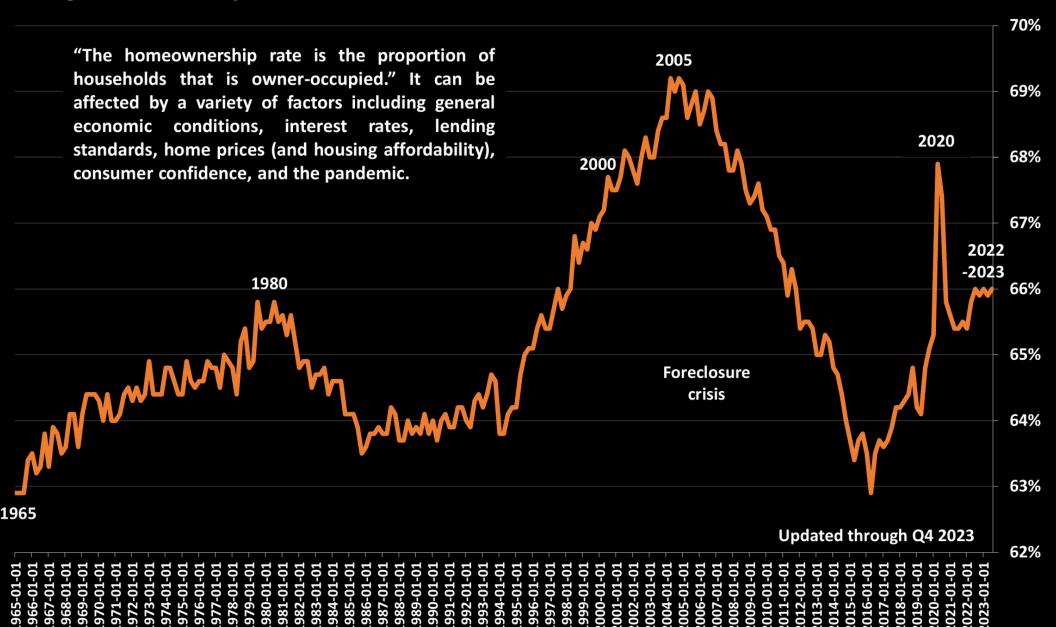


deemed reliable, but not guaranteed and may contain errors. All numbers should be considered approximate.

National Homeownership Rate

Long-Term Trends, by Quarter since 1965*

As published by the Federal Reserve Bank of St. Louis

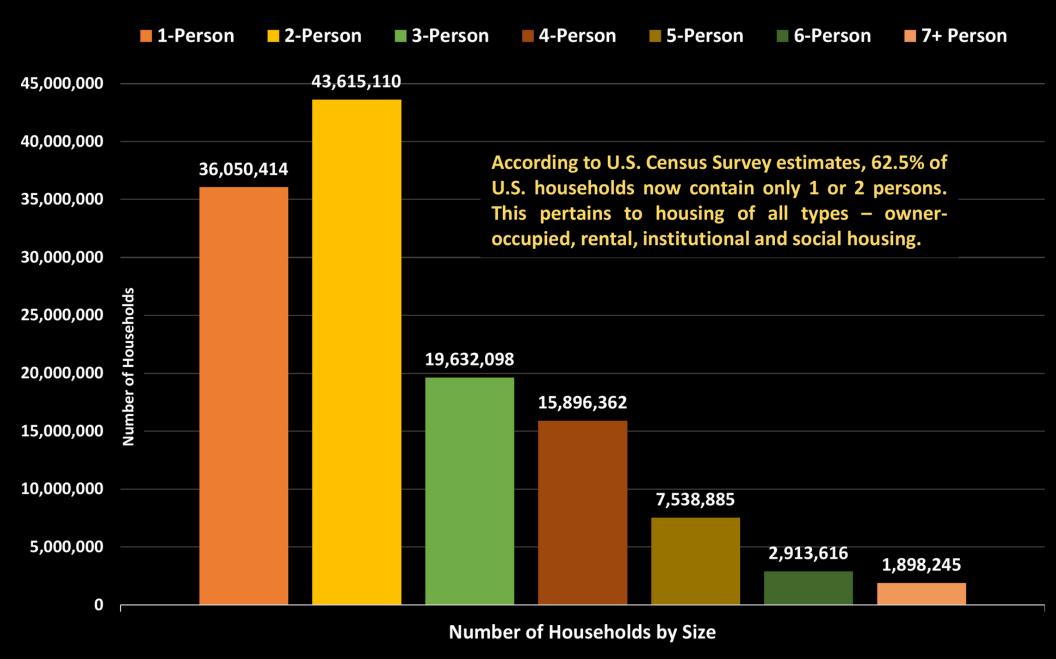


*U.S. Census Bureau, Homeownership Rate in U.S. [RHORUSQ156N], Federal Reserve Bank of St. Louis; https://fred.stlouisfed.org/series/RHORUSQ156N. Not seasonally adjusted. Data from sources deemed reliable but may contain errors and subject to revision. All numbers approximate.



National Household Size

Number of Households by HH Size*



*U.S. Census, 2021 1-Year ACS Estimates: https://data.census.gov/table?q=United+States+Housing. Data from sources deemed reliable but may contain errors and subject to revision. All numbers are approximate estimates with published margins of error. Households of all types.



Factors in Real Estate Markets

Many of these factors' effects can swing both positive and negative; sometimes effects are counter-intuitive (e.g. a pandemic causing a fierce housing boom). Economic, political, social and ecological dynamics constantly change and interact in difficult-to-predict ways. Market-changing developments can percolate gradually, or arise quickly and unexpectedly. The impact of specific factors can vary by market segment.

Local economic conditions, household wealth, employment, housing affordability & cost of living, venture capital & foreign investment, pro/anti-business sentiment

Interest rates	Stock n	arkets Inflation		Consumer confidence			
Debt levels: pers corporate & gove	•			ntal economic interventions: post 9/2008, post 3/2020			
Natural disasters: COVID, earthquakes, fires, drought, floods, hurricanes							
Domestic & foreign migration; federal immigration policy; demographic changes							
Tax law e.g. real estate tax benefits & credits, 2017 SALT-deduction limitation			Rental market dynamics		State income tax disparities		
International economic/political events, e.g. large oil price swings, military conflict (invasion of Ukraine), economic conflict (China, U.S.), foreign economic crises							
Local, state & national politics; partisan politics Social & quality of life issues: Crime, homelessness, schools, commute, cultural & outdoor options							

Financial industry manipulation, fraud, engineering, recklessness, e.g. junk bonds, S&L collapse, predatory lending, abandonment of risk mgmt. & underwriting standards, CDOs & rating-agency deceit, insider trading, over-leveraged investing; irrational exuberance

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Statistics are generalities, essentially summaries of widely disparate data generated by thousands of unique, individual sales occurring within different time periods. They are best seen not as precise measurements, but as broad, comparative indicators, with reasonable margins of error. Anomalous fluctuations in statistics are not uncommon. Last period data should be considered estimated and may change with late-reported activity. Different analytics programs sometimes define statistics differently, and use different methodologies: Most meaningful are the *trends* they illustrate. This report created in good faith using data from sources deemed reliable, but may contain errors. All numbers should be considered approximate, and subject to revision.

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