



Los Angeles County 2022 Forecast & Housing Update

The background of the image is a soft-focus photograph of autumn leaves. The leaves are in various shades of orange, red, and yellow, with some green still visible on the left side. The lighting is warm, suggesting a sunset or sunrise, creating a bokeh effect with out-of-focus light spots. The text is centered over this background.

Autumn Fun Photos



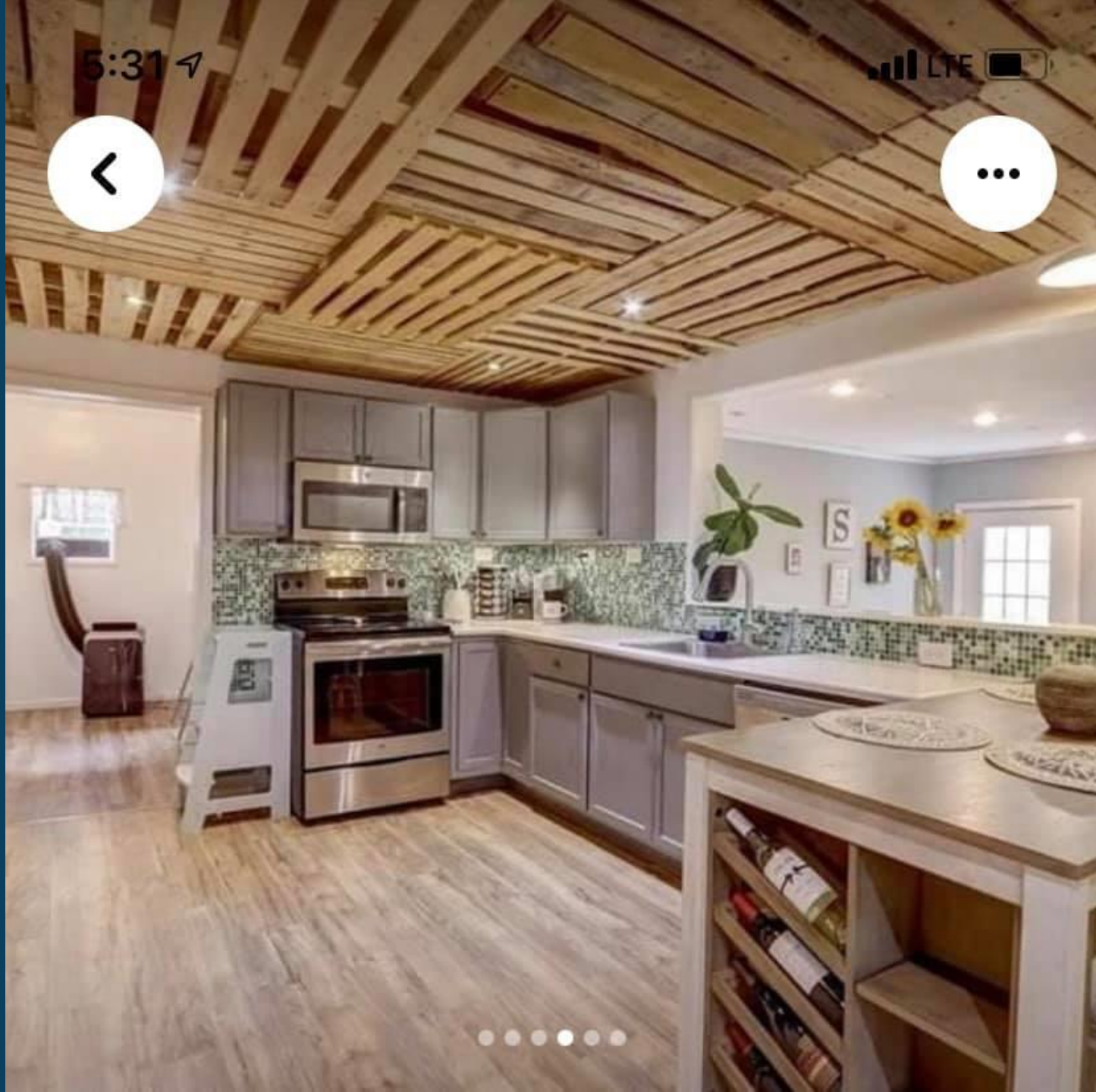






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**This is your listing about 90 minutes
after it goes live on the MLS!**



Finally found a house in my price range



The 4 C's of Real Estate

Coffee

Clients

Closings

Cwine

**WHEN YOU GET A FULL PRICED
OFFER IN THIS MARKET!**



"Are you kidding me? That insultingly low!"




WHEN THE SELLER AGREES
TO TAKE ON REPAIRS!



Buying a house in 2021:
“\$180,000”







Introduction




Housing Crash???



Where Are Rates Headed?




The Housing Market



When Will the Market Slow?



Market Overview



The 2022 Forecast





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HOUSING
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Introduction

My Background

- **Quantitative Economics & Decision Sciences**
 - **UCSD**
- **30 Years in Business**
- **OC Native**
- **Capo Valley HS Grad**
- **9 kids!**
- **Avid runner**





The Thomas Bunch



Forbes

Bloomberg



FORTUNE

The New York Times



THE WALL STREET JOURNAL.

Los Angeles Times



inmanNEWS

ORANGE COUNTY BUSINESS JOURNAL



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Expectations



THE LOS ANGELES HOUSING REPORT
 Reports on HOUSING
 Your Local Real Estate Snapshot

It's THE Right Time
 By Steven Thomas
 Quantitative Economics and Decision Sciences, B.A.
 April 22, 2019

THE SAN DIEGO HOUSING REPORT
 Reports on HOUSING
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Over the Peak
 By Steven Thomas
 Quantitative Economics and Decision Sciences, B.A.
 May 27, 2019



THE Riverside County HOUSING REPORT
 Reports on HOUSING
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The Price is Right
 By Steven Thomas
 Quantitative Economics and Decision Sciences, B.A.
 May 27, 2019



THE Orange County HOUSING REPORT
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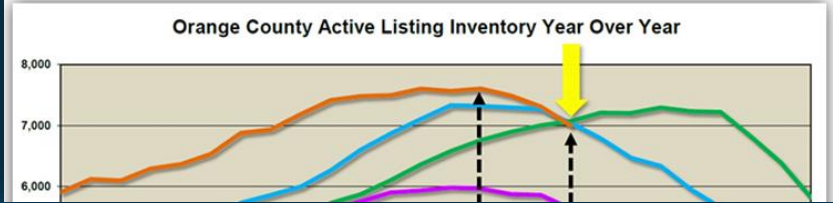
Green Shoots
 By Steven Thomas
 Quantitative Economics and Decision Sciences, B.A.
 September 9, 2019

Even though the housing market has been in a downturn for several years, trends have begun to change that indicate it is starting to heat up.

Green Shoots: Trends are beginning to heat up. Headlines are the same, but it's taking a lot longer to sell a home than a couple of years ago. Inventory is considerably higher than when rates unexpectedly fell.

Ever since the housing market comparison to the hot market of limited inventory and sales was boosted by falling mortgage rates dipping below 4% in June, the lowest level since October 2008.

As a result of the return to historically low mortgage rates, trends have surfaced that highlight a marketplace that is heating up.



Los Angeles, Orange County, Riverside, San Bernardino, and San Diego Reports

THE San Bernardino HOUSING REPORT
 Reports on HOUSING
 Your Local Real Estate Snapshot

Sellers have until now had to price homes into escrow, but it's better to be right.

Pricing: Expired listings are a year to avoid because of the spring market. Spring is in the air and successful sellers are getting better offers.

The Price is Right



pricing is this... why behind a... sessions, they... the sale, the first... onal belongings... of uninterested... wave of initial... erate to sell, the... age and attic.

frequently ignore... or what they need... ntenance, lack of

upgrades, an inferior location, or a small lot size, when a seller is living LIFE in it. Home is where the children are raised. First steps, first time riding a bike, first tooth for the Tooth Fairy, first day of school, first dance, there are a lot of "firsts" in a home, a collection of memories that tug at our heartstrings.

Expired Listings			
January through April			
	2019	2018	YOY
Los Angeles County	9,516	6,551	+45%

THE

Orange County

HOUSING REPORT

BLAZING BEGINNING

January 11, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

To go along with record low mortgage rates, it is the hottest start to a year since tracking began in 2004.



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Hot Seller's Market

With a record low supply of homes available to purchase and staggering demand, the market is extremely hot.

The unveiling of the new Star Wars: Galaxy's Edge at the Disneyland Resort in Anaheim was met with throngs of eager parkgoers and the line for the Millennium Falcon on opening day was 5 hours long. Movie tickets for the initial release of Avengers: Endgame in April 2019 were extremely hard to come by. It ultimately became the number one box office hit of all time. In December 2015, Adele placed all 50 shows of her Adele Live 2016 international tour on sale at the same time, 750,000 tickets, and they sold out in just 20 minutes. These are all examples of an overpowering demand met with an exceptionally limited supply.

That is precisely what is occurring in the San Diego County housing market today. There is an imbalance in supply and demand. The supply of homes is at a record low and demand is off the charts. As a result, the market has been hot from day one of 2021. The only other time that occurred was back in 2013. What 2013 and 2021 have in common are record low mortgage rates. On January 3, 2013, mortgage rates were at 3.34%, slightly higher than the record low 3.31% achieved on November 21, 2012. On January 7, 2021, according to the Primary Mortgage Market Survey conducted by Freddie Mac for the past 50-years, mortgage rates hit a 17th record low since March, dropping to 2.65%. In the past 10-months, mortgage rates continued to drop to record low territory, dropping below 3% in July for the first time ever. The further rates dropped, the more demand soared, and the hotter the market became.

Today, there are 2,556 homes available to purchase, an ultra-low supply of homes that shattered the prior record low achieved in January 2013, at 4,329. That is 41% lower. To put it into proper perspective, last year there were 4,744 homes, 86% more. Two years ago, there were 6,674, 161% more. Current demand (a snapshot of the last 30-days of new escrows) is at 2,144 pending sales, a bit lower than 2013's 2,693. Yet, it is 17% higher than last year's 1,838 level, and 32% higher than the 1,619 pending sales reached in 2019.

The imbalance of an overpowering housing demand and an exceptionally low supply of available homes has resulted in an Expected Market Time (the time between hammering in the FOR-SALE sign to opening escrow) of 36 days, the lowest level since tracking began in 2012. Only 2013 came close at 48 days. At 36 days it is a Hot Seller's Market (less than 60 days), where sellers call the shots, multiple offers and bidding wars are the norm, and home values are on the rise. Last year started with an Expected Market Time of 77 days, a Slight Seller's Market (between 60 and 90 days), where sellers get to call more of the shots, but there are fewer multiple offers and home values are not appreciating much at all. It was at 124 days to start 2019, a Buyer's Market that quickly evaporated by the end of January with dropping mortgage rates.

Expected Market Time & Mortgage Rates to Start the Year

	2021	2020	2019	2018	2017	2016	2015	2014	2013
Expected Market Time	36 Days	77 Days	124 Days	69 Days	66 Days	82 Days	88 Days	79 Days	48 Days
Mortgage Rates	2.65%	3.72%	4.51%	3.95%	4.20%	3.97%	3.73%	4.53%	3.34%

THE SAN DIEGO HOUSING REPORT

BIDDING WAR

February 9, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

When a home hits the market, it is greeted with throngs of buyers and so many offers to purchase that a bidding war ensues.



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Multiple Offers

It is not uncommon for homes marketed **FOR-SALE** to procure 5, 10, 15, or even more offers to purchase within a few days of coming on the market.

Charity auctions can be very entertaining. There is always something that nearly everyone wants. An Italian villa, a gourmet chef for a week, a ski chateau in the Rocky Mountains, all garner plenty of attention. After scouring all the details, attendees strategize and settle on their maximum bids. The auctioneer starts the bidding low to capture everyone's attention. Paddles are eagerly raised one after the other. There is so much interest that the auction transforms into a bidding war. The value soars upward until it finally slows, and a winning bidder is revealed. The final price is typically a lot more than many of the bidders were originally willing to pay.

That in essence is what is occurring daily in the real estate trenches. Homes that hit the market are instantly greeted with plenty of buyer interest and a stream of showings. In no time multiple offers follow. Buyers are pitted against each other and a bidding war develops. Countless buyers offer the full asking price, only to receive a counter offer that asks them to come back with their highest and best offer to purchase. Yes, in many cases that means that a buyer must be willing to pay higher than the asking price to be the winning bidder. Many homes ultimately sell for more than their asking prices.

There are a lot of reasons the market is exceptionally hot today. The leading factor is record low mortgage rates. The monthly and annual payment savings are jaw dropping and has been the catalyst to a tsunami of buyer interest. Another factor is the lack of available homes to purchase. There are fewer homes coming on the market right now because it is still the Winter Market. The vast majority of homeowners opt to "wait until the spring" to market their homes. Spring does not begin until Saturday, March 20th. Until then, there should not be the expectation of a bunch of new homes hitting the market. With demand so hot, many homes are not available to purchase because they are in escrow. With more escrow activity, the supply diminishes. Also, fewer homes came on the market in January compared to the 5-year average, 24% less, or 1,028 missing FOR-SALE signs. That is a lot of homes for a housing market starved for fresh inventory.

Year Over Year Comparison

	YOY Inventory Change	YOY % Change		YOY Demand Change	YOY % Change
\$0 - \$500k	-842	↓ -59%	\$0 - \$500k	-137	↓ -2%
\$500k - \$750k	-598	↓ -53%	\$500k - \$750k	+109	↑ +10%
\$750k - \$1m	-282	↓ -47%	\$750k - \$1m	+160	↑ +41%
\$1m - \$1.25m	-127	↓ -49%	\$1m - \$1.25m	+20	↑ +15%
\$1.25m+	-447	↓ -36%	\$1.25m+	+142	↑ +53%

THE LOS ANGELES HOUSING REPORT

WAITING WILL BE COSTLY

April 5, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

Even though buyers are exceedingly frustrated with the housing market after writing too many offers to no avail, waiting until the market gets easier is not the answer.



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Cost of Waiting

Housing will become more unaffordable as homes continue to rapidly appreciate and mortgage rates rise.

Ask any buyer what it is like attempting to purchase a home in today's housing market and the responses will be the same. It is frustrating, overwhelming, exhausting, and disheartening. Buyers consistently get their hopes up and run around each weekend to see the few new houses that are now available. They ultimately write another offer. A few days later they write a counteroffer, often for way more than the asking price. They agonizingly wait another day or two only to find out that they are not the winning bidder. It is back to the drawing board, again.

It feels like a dog chasing its own tail, a pointless exercise that ends in exhaustion. After writing offer after offer with no success, many buyers become discouraged and question whether they should continue to pursue their dream in purchasing a home. Maybe they should wait until the market is not so blistering hot, or until they have a larger down payment, or when there are more homes available. The facts and data illustrate why waiting is not a great strategy at all.

While it may be discouraging for buyers to continue the pursuit in purchasing a home, diving into the consequences of waiting will keep them motivated. It is important to focus on the monthly payment in purchasing a home today and compare it to delaying until the end of the year. An \$875,000 home purchased today with a 20% down payment yields a monthly payment of \$2,999 at the current interest rate of 3.125%.

Purchase a Home Today			Purchase a Home in December			Cost of Waiting	
Purchase Price	Mortgage Amount (20% Down)	Payment at Today's Rate 3.125%	Purchase Price 8% Appreciation	Mortgage Amount (20% Down)	Payment at Projected 3.75% Rate	Monthly Cost of Waiting	Annual Cost of Waiting
\$875,000	\$700,000	\$2,999	\$945,000	\$756,000	\$3,501	\$502	\$6,024

LOS ANGELES COUNTY HOUSING REPORT | [Waiting Will Be Costly](#)

With a record low supply of available homes to purchase paired with unstoppable demand powered by historically low mortgage rates, home values are anticipated to continue to increase at a pace of about 1% per month through the end of the year. That equates to home appreciation of 8% from now through December. At the same time, the United States economy is revving its massive engine now that it is emerging from the depths of the pandemic. Excellent job reports, increased travel, a massive personal savings surplus, and a return to some semblance of normal life again will ignite the economy and translate to a rise in mortgage interest rates. It is already occurring. According to Freddie Mac's Primary Mortgage Market Survey®, rates started the year at 2.65%, an all-time record low, and have since risen to 3.125%. That is nearly a half a point higher in just a few months. By year's end, rates are forecasted to hit 3.75% or higher.

That means that the \$875,000 home example above will appreciate to \$945,000 in December. Match that up with the expected 3.75% mortgage rate, and the monthly payment blossoms from \$2,999 to \$3,501 per month, an increase of \$502 every single month for the life of the loan. That is \$6,024 per year or \$30,120 in five years. This example only factors the increase in the principal and interest payment. The 20% down payment for \$945,000 is an extra \$14,000 down. Property taxes go up too. With the average tax rate of 1.1%, that amounts to an additional \$770 annually.

THE Riverside County HOUSING REPORT

CRASH COMING?

May 24, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

With housing values soaring like they did prior to the Great Recession coupled with recent inflation news, many are calling for a correction in housing.



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No Crash Coming

Housing data illustrates that there is not a housing crash on the horizon.

Home prices were surging from 2000 through 2006. Homeowners were sitting back in their recliners watching their home value skyrocket to the heavens. It seemed like the housing market was unstoppable. Then it all came tumbling down with the beginning of the subprime meltdown in March 2007. Values dropped like a rock. Many lost their homes to foreclosure or short sale. Everybody remembers the scars of the Great Recession. Either they were directly affected, or it happened to somebody they knew.

Once again, housing is soaring upward with seemingly no end in sight. Buyers are tripping over each other, willing to pay tens of thousands of dollars above the asking price. Throw in the news of rising inflation and the potential of drastically higher mortgage rates, the madness must come to a screeching halt soon, right? Even though so many are anticipating and reporting that a housing crash is eminent, it simply is not going to occur, not now, not in the next 6-months, and not in the foreseeable future.

The Great Recession was triggered by the housing market where anyone could purchase a home regardless of their true qualifications. Zero down payment loans, negative ARM's, cash out refinancing, subprime lending, and fudged loan documents all contributed to the astonishing rise in values that inflated the housing bubble that ultimately collapsed in 2007. The housing market crashed, and home values plunged.

What occurred can be explained by looking at supply and demand. When supply rises and demand drops, the unsold inventory climbs. When supply drops and demand rises, the unsold inventory falls. The writing was already on the wall a couple of years prior to the start of the Great Recession. Housing data illustrated market conditions that were lining up in favor of buyers. The inventory swelled while demand crumbled. As a result, the unsold inventory rose to unfathomable heights. In June 2006, it surpassed 180 days, a Buyer's Market. It grew to 263 days by December. In 2007, it surpassed 500 days in April, the start of the subprime meltdown. In September, it eclipsed 700 days.

Riverside County Unsold Inventory 2021 vs 2006 and 2007



THE *Orange County* HOUSING REPORT IS HOUSING UNAFFORDABLE?

June 1, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

**As home values rocket upwards, affordability weakens,
yet homes are still not too far out of reach for most buyers
because of low mortgage rates.**



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Low Rates Prop Up Affordability

Even with record level home prices, low mortgage rates have kept affordability in check.

In 1980, a new car cost around \$7,200 and a gallon of gas was \$1.19. It was \$2.25 for a movie ticket, 15 cents for a first-class stamp, 91 cents for a dozen eggs, and \$2.16 for a gallon of milk. Wow! It was cheap living back in 1980. Reminiscing and longing for the good ol' days leaves out a very important, often overlooked difference, income. The Orange County median household income in 1980 was \$22,000, a drop in the bucket compared to today's \$100,000 level.

It boils down to perspective. Looking only at housing prices tells only part of the story. It is important to also consider household incomes and the prevailing mortgage rates. Naysayers are quick to point out how the median sales price was much lower back in prior years; however, taking into consideration both the median income and the average 30-year mortgage rate illustrates how buyers can afford so much more today. The historically low mortgage rate environment has stoked today's unsatiable demand and has allowed housing to soar over the past year.

To understand where this heightened demand and buyer's exuberance is coming from it is necessary to consider where interest rates and income have historically been and their impact on affordability. The chart below highlights how higher interest rates limit the price of a home that a buyer can afford. In 1980, the average mortgage rate was 13.75%, the median income was \$22,000, and the median detached sales price was \$108,000. That meant that the monthly housing payment was 55% of a homeowner's income. Rates continued to drop and incomes climbed decade after decade. In 2000, mortgage rates were at 8%, the median income grew to \$56,000, and the median detached sales price had blossomed to \$317,000. Yet, the monthly payment was only 40% of a homeowner's income. It swelled to 59% in 2007, just prior to the start of the Great Recession, and dropped to 33% in 2012 as housing began to climb once again. Flash forward to today's 3% mortgage rate, \$101,000 median income, and a record setting April median detached sales price of \$1,100,000, and the monthly housing payment is 44% of a homeowner's monthly paycheck.

Orange County Affordability Over Time

	Average 30-Year Rate	Median Detached Sales Price	Median Income*	Payment as % of Income
1980	13.75%	\$108,000	\$22,000	55%
1990	10%	\$239,000	\$41,000	50%
2000	8%	\$317,000	\$56,000	40%
2007	6.34%	\$728,000	\$73,000	59%

THE LOS ANGELES HOUSING REPORT

SUMMER TRANSITION

June 14, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

The Summer Market is officially here and with it typically comes an increase in the inventory, a slight drop in demand, and a rise in market time.



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Summer Market

Expect a downshift from the Spring Market to the Summer Market.

The end of the school year has finally arrived, and diplomas have been distributed at festive commencement ceremonies. The temperature is heating up and the days are growing longer. The 4th of July is less than three weeks away, and family vacations are booked. From the pool to the beach to hiking Southern California's many trails, summer is here along with all its distractions. Toss in the fact that everybody can walk the earth freely again now that COVID-19 is disappearing. Everyone is ready to enjoy a bit of fun in the sun.

The distractions of summer impact the housing market. The busiest time of the year in terms of demand, the Spring Market, comes to an end with the conclusion of the school year and graduations. The Summer Market lasts from the end of May to the start of school at the end of August. Summer is when active buyers are pulled away from the frantic pace of housing. Kids are home and parents are busy carpooling to camps, water parks, pools, beaches, and friends' houses.

During the Summer Market demand decreases slightly. There are fewer new escrows opened due to buyers placing their home search tours on pause to take a short break and enjoy all the trappings of summer. With demand dropping, the supply of available homes rises as more homeowners place their homes on the market. Many often mistake the Summer Market as the best time of the year to sell a home. In terms of new escrow activity, it is second to the Spring Market. With an increasing supply and falling demand, the Expected Market Time (the amount of time between hammering in the FOR-SALE sign to opening escrow) increases.

Supply	Demand	Market Time
Increases ↑	Decreases Slightly ↓	Increases ↑

LOS ANGELES COUNTY HOUSING REPORT | [Summer Transition](#)

In reviewing these trends, many buyers may get ahead of themselves and expect the market to line up in their favor. That is not the case. Instead, the market will remain a Hot Seller's Market, yet the frantic pace will slow. The changes will be subtle and, over time, will reveal a trend that will result in a shift in the market.

In looking at the 5-year average from 2015 through 2019 (excluding 2020 due to COVID-19 skewing the data), the supply of homes has increased by 1,335 from the end of May to the end of July. On average, demand dropped by 484 pending sales. That would be an increase in the supply of available homes from 7,478 at the end of May of this year to 8,813 homes by the end of July. Demand would drop from 6,773 pending sales to 6,289. With a rising supply and falling demand, the Expected Market Time would rise from 33 days at the end of May to 42 days, the highest level since the beginning of February. In the past two weeks, from the end of May to the start of June, it has already increased from 33 to 36 days with dropping demand and a rising inventory.

At 42 days the Los Angeles County housing market is still insanely hot, but it will not be as hot as

THE SAN DIEGO HOUSING REPORT

PERMANENTLY PARKED

July 27, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

Ever since the Great Recession, far fewer homeowners have been selling their homes annually, and now even fewer are opting to participate in selling their homes.



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Lack of Sellers

Fewer homeowners are opting to sell despite homes appreciating to record levels.

This is the time of year when Southern Californians flock to the beach to escape the heat and enjoy the cool surf of the Pacific Ocean. After a long day of jumping in and out of the water, chasing the waves, building sandcastles, and basking in the warmth of the sun, many experienced beach goers realize that they forgot to reapply sunscreen. Upon returning home and gazing in the mirror, they quickly confirm that they have a lobster red sunburn from head to toe. Nearly everybody has experienced the pain of this sunburn. The pain is a helpful reminder to never forget to reapply sunscreen again.

Similarly, homeowners across the nation watched the housing market take a brutal pounding during the Great Recession as their equity vanished in a blink. Many lost their homes to foreclosures or short sales. Everybody was either personally burned or they knew somebody who experienced the painful sting of the downturn. As a result, a new trend emerged to avoid that lobster red burn with staying power: homeowners remain in their homes for a lot longer. They are content in keeping their home. There are fewer homeowners who opt to sell every year, and even with record home values, the trend continues.

From 2000 to 2008, there were an average of 1,991 more homes that came on the market every single month compared to the past 10 years. That is an extra 23,887 sellers every year, 38% more. That has been the storyline for more than a decade, not enough homes are offered for sale. It is not just a San Diego County phenomenon or isolated to just Southern California. Nor is it unique to the state of California. A lack of sellers has been a national issue that has plagued the real estate market and made it very difficult for buyers to isolate a home.

The lack of supply and years of red-hot demand, juiced by record low interest rates (especially since the start of the COVID-19 pandemic), has resulted in homes appreciating to record levels in San Diego County, erasing the losses and sting of the Great Recession entirely. This more than a decade long trend is now the norm. Homeowners are not moving as often as they used to.

Based upon 2020 closed sales, the turnover rate for the San Diego County's housing stock is once every 20 years. It has bounced between 19 years and 23 years for the past decade. Remarkably, only 4.9% of all homeowners opted to sell their homes last year.

County	Total SFR/Condo	Closed Sales in 2020	Turnover Per Year	Projected Average Time In Home Based on 2020
Los Angeles County	1,740,277	62,152	3.6%	28 Years
Orange County	731,197	30,555	4.2%	24 Years
Riverside County	607,439	38,468	6.3%	16 Years
San Bernardino County	497,284	25,127	5.1%	20 Years
San Diego County	761,298	37,302	4.9%	20 Years
All of SoCal	4,337,495	193,604	4.5%	22 Years

SAN DIEGO COUNTY HOUSING REPORT | [Permanently Parked](#)

There are numerous reasons why homeowners in San Diego County and across the nation are

THE *Orange County* HOUSING REPORT

FORBEARANCE, FORECLOSURES, FACTS

August 9, 2021

By Steven Thomas
Quantitative Economics and Decision Sciences, B.A.

Seemingly everyone is expecting a wave of foreclosure due to forbearance, yet taking a closer look at the facts reveals that it simply is not going to happen.



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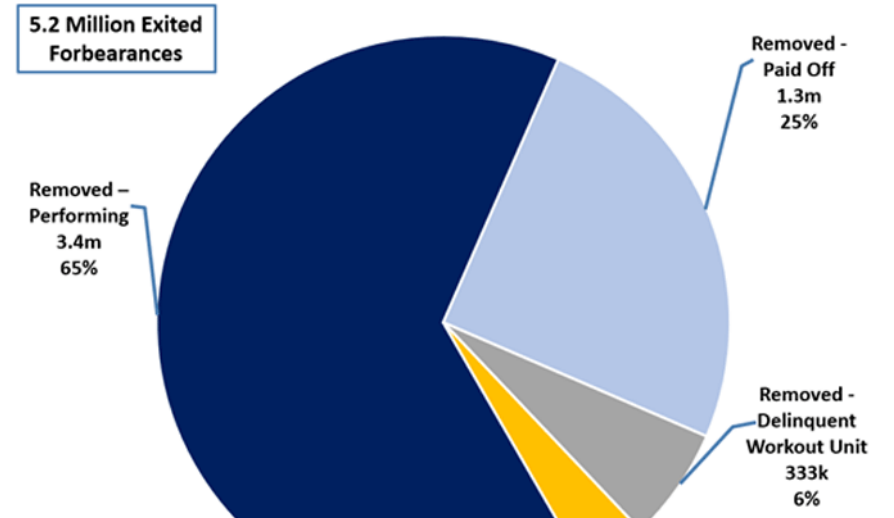
The Distressed Market

Fewer homeowners are opting to sell despite homes appreciating to record levels.

Remember the Y2k scare? It was when the calendar year changed from 1999 to 2000, the turn of the century. There were predictions of global chaos because computer programs would reset from '99 to '00, making the year 2000 indistinguishable from 1900. The programming error could potentially bring down electric grids, banking, airlines, and cash registers worldwide. Many feared that it would cause a global recession and airplanes would literally fall from the sky. As a result, people stocked up on food, water, backup generators, and withdrew large sums of money in anticipation of the coming catastrophe. Companies and governments worldwide worked with programming experts and took pre-emptive action in the years leading up to January 1, 2000. In the end, contrary to the public expectation, very few errors occurred, and a disaster was averted.

Flash forward to today and the general public fears that the national forbearance program will lead to a wave of foreclosures and cause chaos in today's sizzling hot real estate market. Everyone has heard of the vast number of homeowners who have turned to forbearance during the pandemic amidst economic shutdowns and slowdowns. Forbearance allowed borrowers to pause their payments. Repayment of the missed payments can be done all at once, with a payment plan, or often deferred to the end of the term of the loan.

Everyone seems to jump to the plight and struggles of the Great Recession and believe that the housing market is about to repeat itself. Yet, in August 2008, 9.2% of all U.S. mortgages were either delinquent or in foreclosure. By September 2009, it had risen to 14.4%. Today, 3.4% of all mortgages are in forbearance, which amounts to 1.7 million homeowners. The vast majority of those that remain in forbearance will perform and not become a foreclosure or short sale statistic. Why not? It is important to dive a bit deeper and take a look at the huge number who have already exited forbearance.



THE LOS ANGELES HOUSING REPORT

UNHEALTHY PACE

August 23, 2021

By Steven Thomas

Quantitative Economics and Decision Sciences, B.A.

Although home values have been skyrocketing at a record pace, eating into affordability, the housing market is not going to cool anytime soon.



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Housing Will Remain Hot

The Expected Market Time has remained at unprecedented low levels and will not budge much for the remainder of the year.

Everybody looks forward to the Super Bowl. It is not just the excitement surrounding championship football, or the extravagant, over-the-top television commercials, or getting together with family and friends to enjoy the game. It is also about the bountiful feast, the plethora of food options. Hamburgers, hot dogs, chicken wings, several varieties of chips, nachos, chili-cheese dip, spinach-artichoke dip, cheese, crackers, nuts, pretzels, beer, soda, brownies, cookies, candy, and so much more. By the second half of the game, it gets harder and harder to dip just one more corn chip into the chili-cheese dip. It is an unhealthy pace in eating for one afternoon per year.

Similarly, with market time at unprecedented low levels, home values are shooting skyward, eroding home affordability at an unhealthy pace. Yet, it has been going strong since July of last year and will not slow for the rest of the year and into 2022. It is great to be a homeowner, but for those aspiring to own a home sometime in the future, the goal is getting harder and harder to reach, and, for some, out of reach.

It is important to clear the air and explain that just because housing is appreciating at an unhealthy rate, it does not mean that a bubble is inflating or that housing will inevitably crash. There is absolutely nothing in the charts and data that statistically support that conclusion. Instead, housing is becoming unattainable for more and more first-time homebuyers and renters.

In looking at the Expected Market Time (the amount of time between hammering in the FOR-SALE sign to opening escrow), it has remained below 45-days since February of this year. Anything below 45-days indicates an insane, scorching hot housing market where buyers are tripping over themselves to be the first to see a home that just hit the market, multiple offers is the norm, and homes are selling above their list prices. In fact, according to the California Association of REALTORS®, 70% of all closed sales in the month of July sold above their asking prices. It has been 10-consecutive months that more than 50% of closed sales sold above their asking price. Today's 40-day Expected Market Time is below that 45-day threshold, the lower the market time, the hotter the market. Technically, a Hot Seller's Market is anything below 60-days, which is why at 45 and below, it is just nuts.

Los Angeles County Expected Market Time Year Over Year
In Days



OCTOBER 4 2021

Reports on
HOUSING
Your Local Real Estate Snapshot

THE
LOS ANGELES COUNTY
HOUSING REPORT

LAST CALL FOR 2021

WRITTEN BY
STEVEN THOMAS

HOUSING WILL SHIFT TO THE HOLIDAY MARKET IN JUST 7-
WEEKS AND BUYER AND SELLER ACTIVITY WILL PLUNGE TO
ITS LOWEST LEVELS OF THE YEAR.



END OF YEAR EXPECTATIONS

SEVEN MORE WEEKS UNTIL THE SLOWEST SEASON OF THE YEAR STARTS, THE HOLIDAY MARKET.

Before the blink of an eye, everyone will be gathering for a day of gratitude, family, feasting, and football. That is correct, Thanksgiving is less than two months away. From there, it will be turkey leftovers, calendars filled with holiday parties, Amazon, UPS, and FedEx trucks will be parked in front of every door, and families will gather again and swap gifts with the ones they love. The holiday season is around the corner.

From now through the week before Thanksgiving, it is the LAST HURRAH before housing transitions from the Autumn Market to the Holiday Market, the slowest time of the year for real estate in terms of supply and demand. The holidays are filled with distractions. As a result, the hunt for a home takes a back seat for many buyers and fewer homeowners take advantage of selling their homes regardless of how incredibly hot the rest of the year will be for real estate. The overall speed of the market cools slightly, and the market time increases a little bit.

Supply	Demand	Market Time
Plunges ↓	Plunges ↓	Increases Slightly ↑

the towel to enjoy the holidays and hold off until the Spring Market. It is hard to imagine that there are that many homeowners lingering on the market, unable to sell, given how hot housing is right now. Yet, there are 2,276 sellers today, 28% of the current active inventory, who have been exposed to the market for more than two months. Also, November and December are when the fewest number of homeowners opt to list their homes for sale during the year. The five-year average number of homes coming on the market from 2015 to 2019 (intentionally omitting 2020 due to the skew from COVID) for November is 5,792 homes, 36% less than the annual height in June of 8,992. In December it drops to 3,756 homes, 58% less than the height in June. With both sellers throwing in the towel and fewer homeowners coming on the market, the inventory plunges. From 2015 to 2019 the inventory dropped, on average, by 23% by year's end.

With the inventory dropping, there are fewer available options for buyers to choose from. Many buyers also place their home shopping desires on hold while they enjoy the holiday season. As a result, demand, the number of new escrows over the prior month, plunges. From 2015 to 2019 demand sank by 36% to its lowest levels of the year by year's end.

As demand plunges a little bit more than the inventory, the Expected Market Time (the amount of time between pounding in the FOR-SALE sign and opening escrow) increases slightly. Today's ultra-low, insanely hot 39 day Expected Market Time may eclipse 45 days by the time everyone rings in a New Year. This means that for those buyers and sellers that do participate in the real estate market during the holidays, they can expect housing to continue to soar at an

OCTOBER 19 2021



THE SAN DIEGO COUNTY HOUSING REPORT

LUXURY SOARS

WRITTEN BY
STEVEN THOMAS

LUXURY HOUSING EMERGED FROM THE LOCKDOWNS OF COVID-19 WITH UNBELIEVABLE STRENGTH AND HAS REACHED UNPRECEDENTED LEVELS.



A HOT LUXURY MARKET

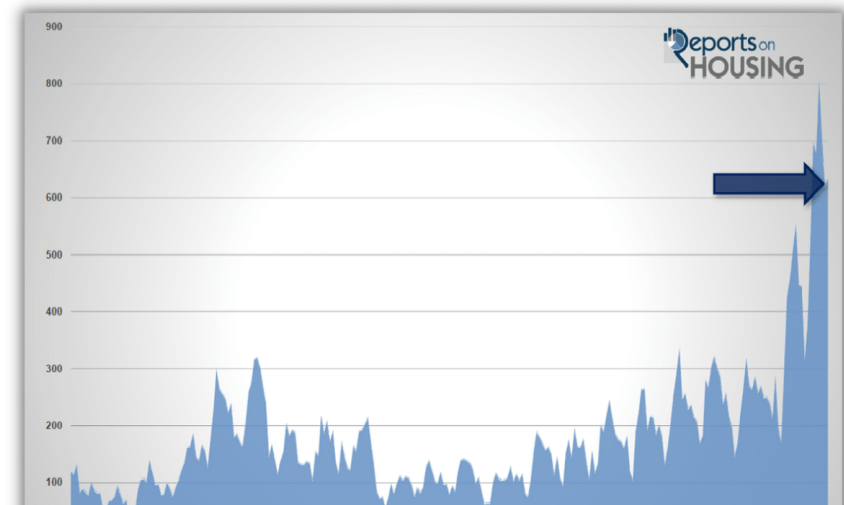
IN 2021, ONE IN SIX CLOSED SALES WERE LUXURY.

In June of last year, housing climbed out of the COVID lockdowns and resurfaced firing on all cylinders. It was as if someone had flipped a switch. Then in 2021, the real estate market evolved further, from red hot to white hot. Overnight, the real estate industry had become accustomed to throngs of showings, multiple offers, and homes selling for more than their asking prices. A surprising twist was that the luxury housing market surged right along with the lower price ranges and at a record pace.

What sparked the wave of luxury sales? The run-up on Wall Street has certainly helped. After the S&P plunged 32% at the beginning of the pandemic in March 2020, it nearly doubled since, swelling by 94%. It surpassed the prior, pre-COVID, record height in August 2020. The record low interest rate environment is a key factor in luxury's elevated demand as well. And, the inventory crisis does not only include the lower ranges, luxury buyers have been confronted with an extremely limited supply of available homes to purchase.

The luxury home market in San Diego County, defined as the top 10% of all closed sales, is currently at \$1.25 million in 2020 but is set to move to \$1.5 million at the start of 2022. In September, there were 636 luxury closed sales. That would be a record level in any other year, but not this year. April through August were all higher, with an 805-peak reached in June. Last year's record, 554 luxury sales, was achieved in October and surpassed the prior annual record set in June 2017 by 65%. Even with September's slight seasonal dip in home sales above \$1.25 million, it is still 25% higher than last September.

SAN DIEGO COUNTY LUXURY CLOSED SALES (\$1.25M+)



Go to: ReportsOnHousing.com

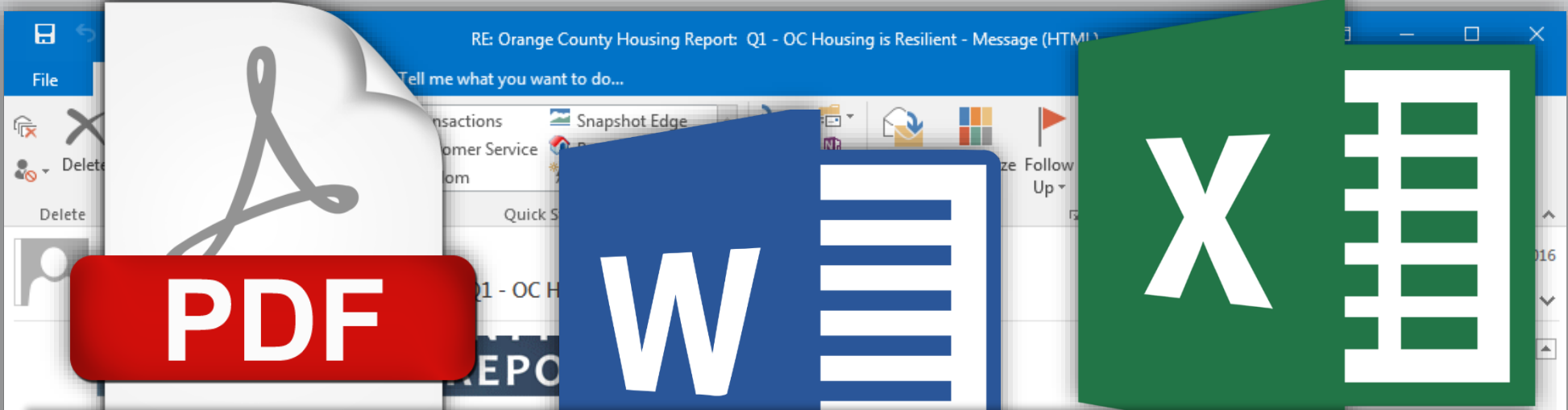
YOUR LOCAL REAL ESTATE SNAPSHOT

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CONTACT





Every 2 Weeks!!!

If you want to view the written report as a Word document, click on the following:
<http://www.reportsonhousing.com/docs/OC Housing- April-2021.docx>



If you want to view the Orange County Foreclosure Report as an Excel spreadsheet, click on the following:
<http://www.reportsonhousing.com/docs/OC Foreclosure- April-2021.xlsx>

INFOGRAPHICS

ORANGE COUNTY HOUSING REPORT | MARCH 9 2021

NEW FOR-SALE SIGNS
In a couple of weeks spring will arrive and that is when more homeowners place their homes on the market than any other time of the year.

INVENTORY STILL LOW
There are 43% fewer homes available to purchase compared to last year's 4,161 homes to start March. The active listing inventory shed 55 homes in the past two weeks, down 2%, and now sits at 2,438, the lowest since 2017-19.

SOCIAL POSTS

HOMES PLACED ON THE MARKET IN AUGUST: 3,150

COMPARED TO 3-YR AVG*: -11%

OF MISSING FOR SALE SIGNS: -387

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Estate



Housing Crash???

A man with a surprised expression, wearing a red plaid shirt and glasses, stands against a light gray background. The text "Quantitative Economics & Decision Sciences" is overlaid on the image in a blue, bold font.

Quantitative Economics & Decision Sciences





0 7 00

G-ASGC

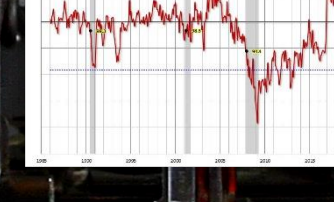
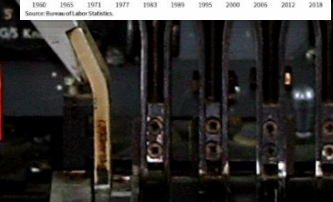
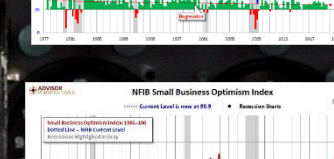
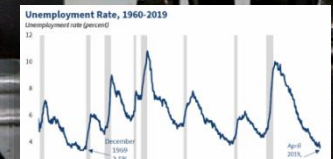
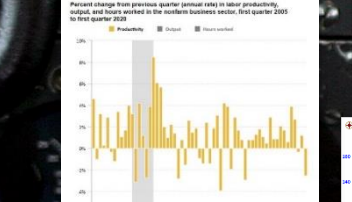
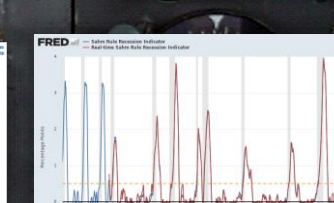
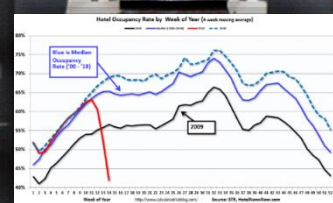
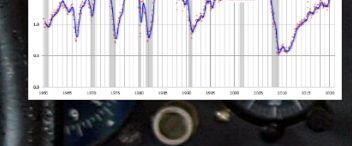
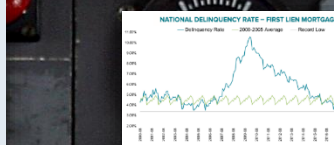
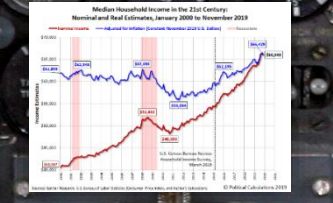
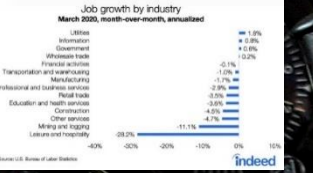
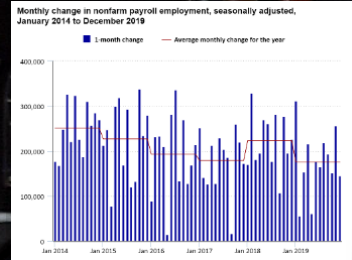
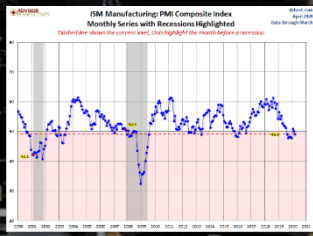
AIRFIELD MAN RING 4
LWT 71,500
23

DISTANCE
000
NAUT. MI.

00 77

NAV AP-1 AP-2 ALT IAS MACH

My Cockpit







Social Media
Misinformation

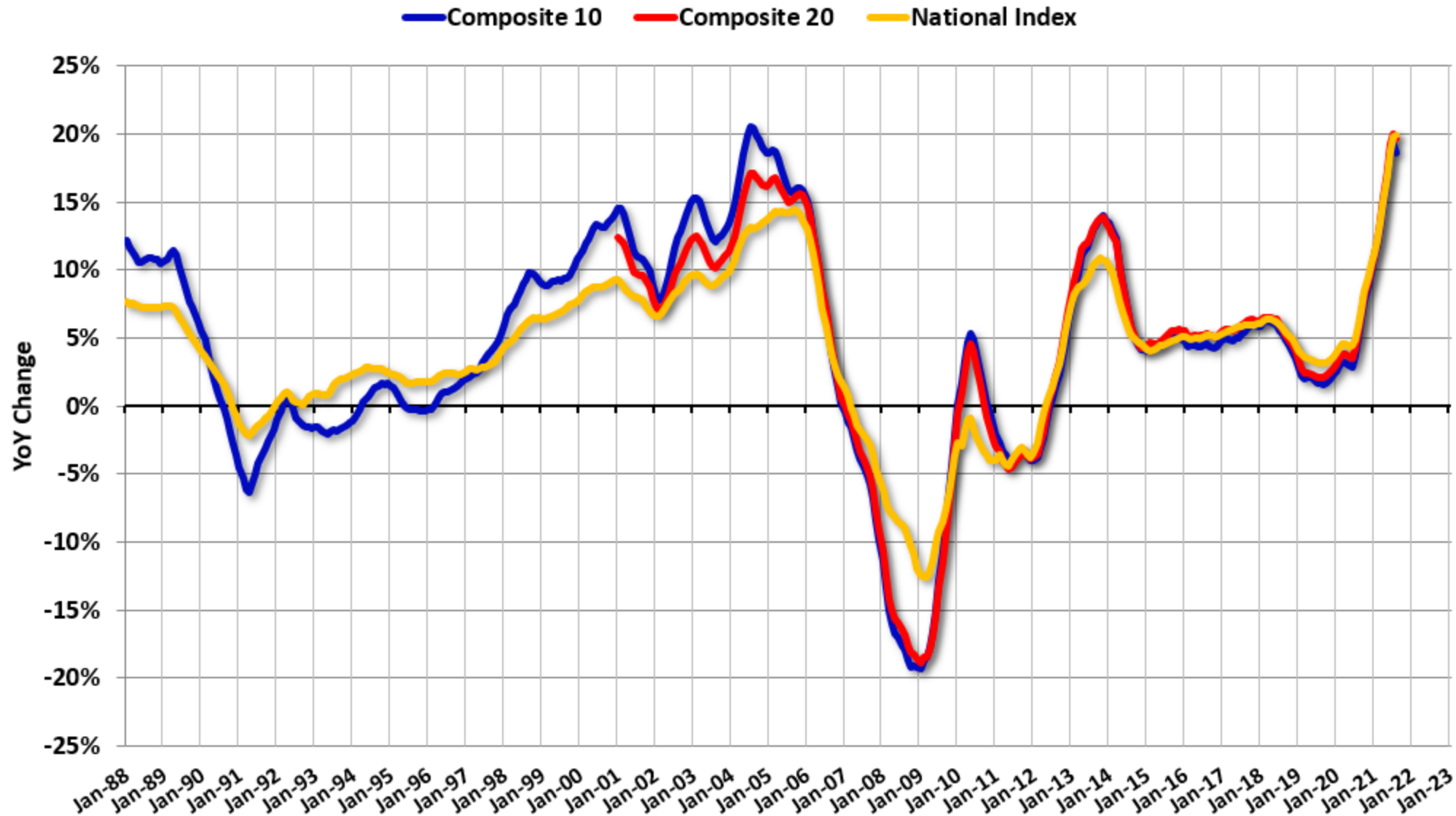




HOME
VALUES

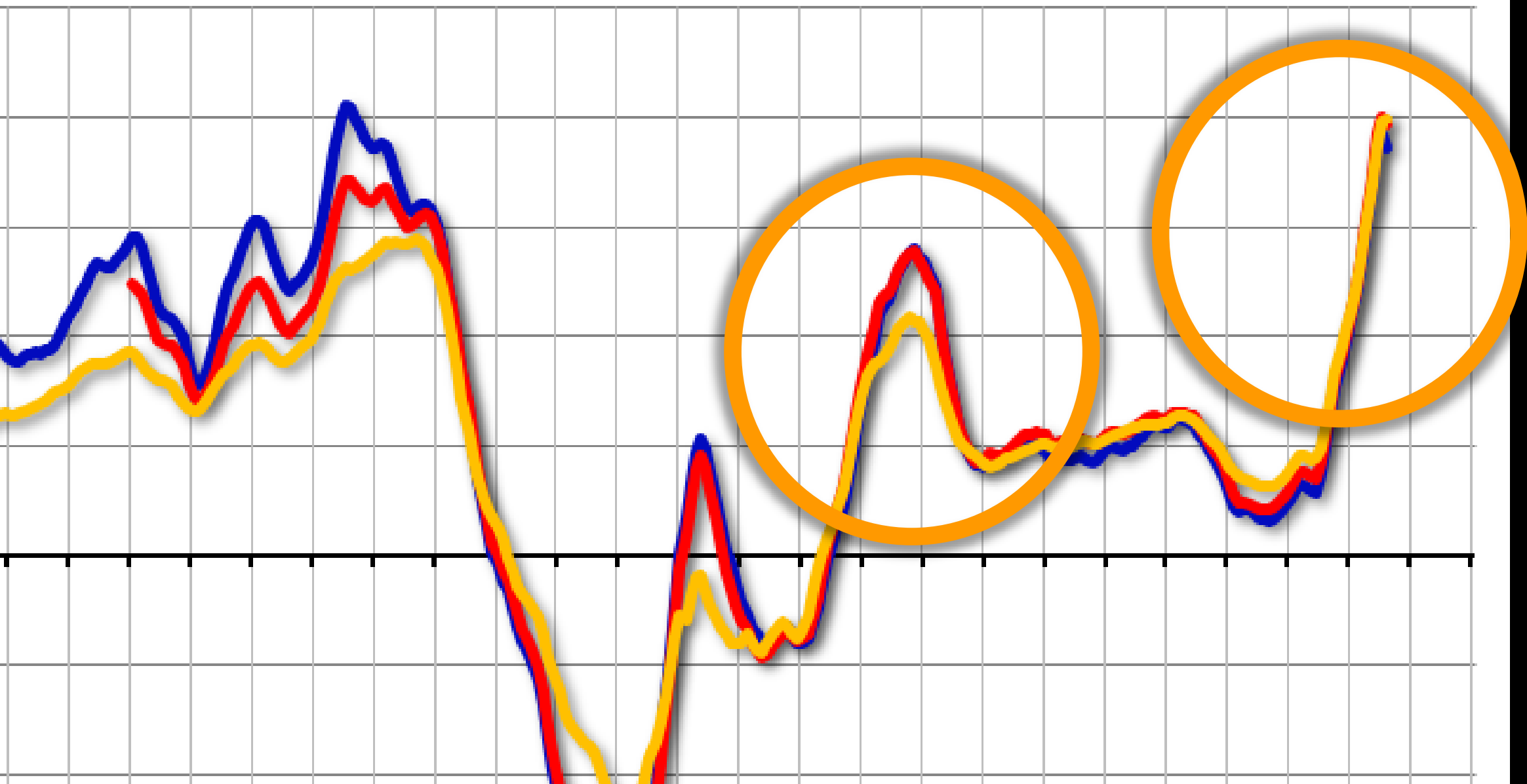


Case-Shiller National and Composite Indices SA, Year-over-year Change



and Composite Indices 3A, Year-Over-Year Change

ite 10 Composite 20 National Index



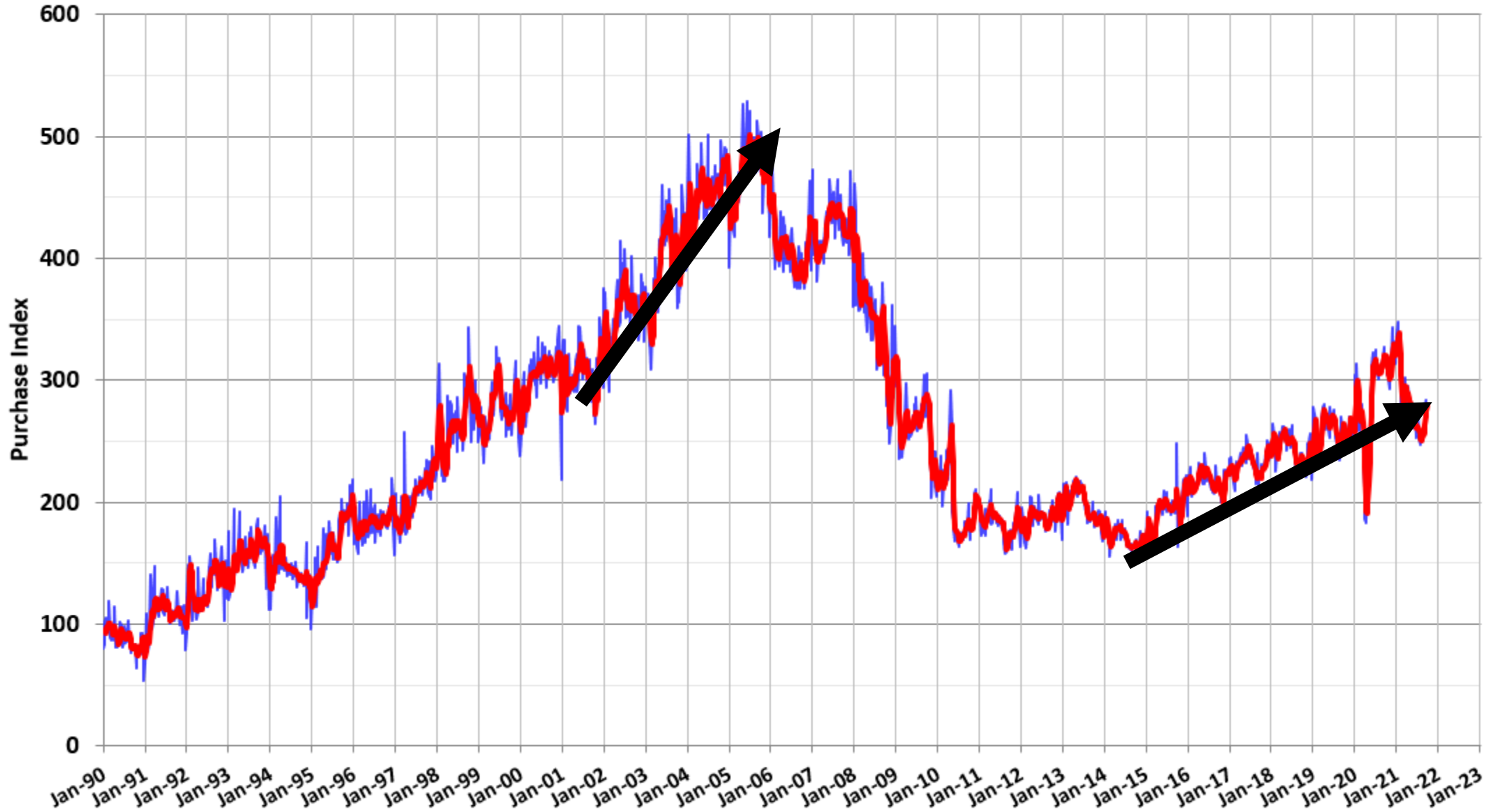




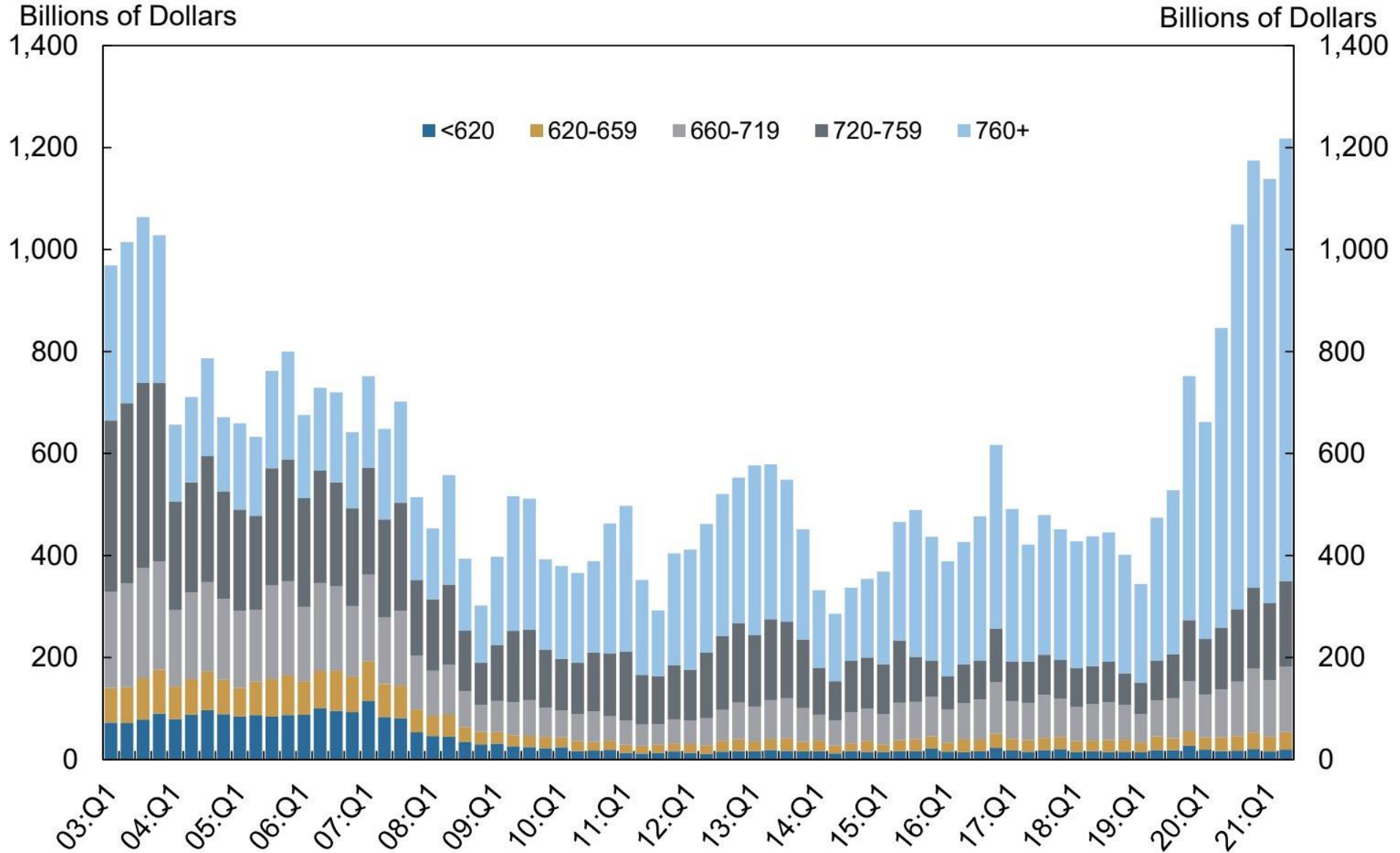


MBA Purchase Applications Index

Purchase Index 4 Week Moving Average

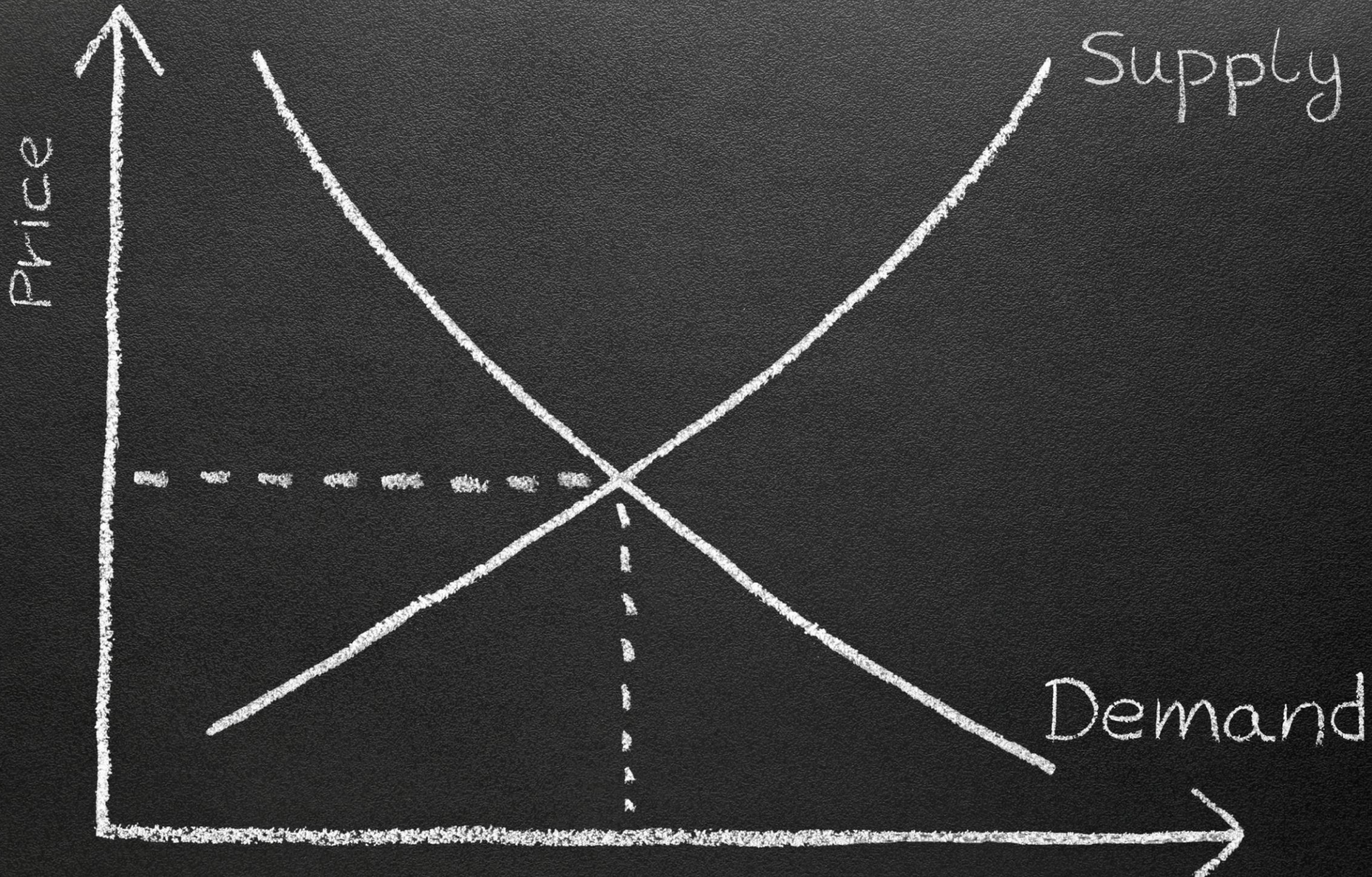


Mortgage Originations by Credit Score*



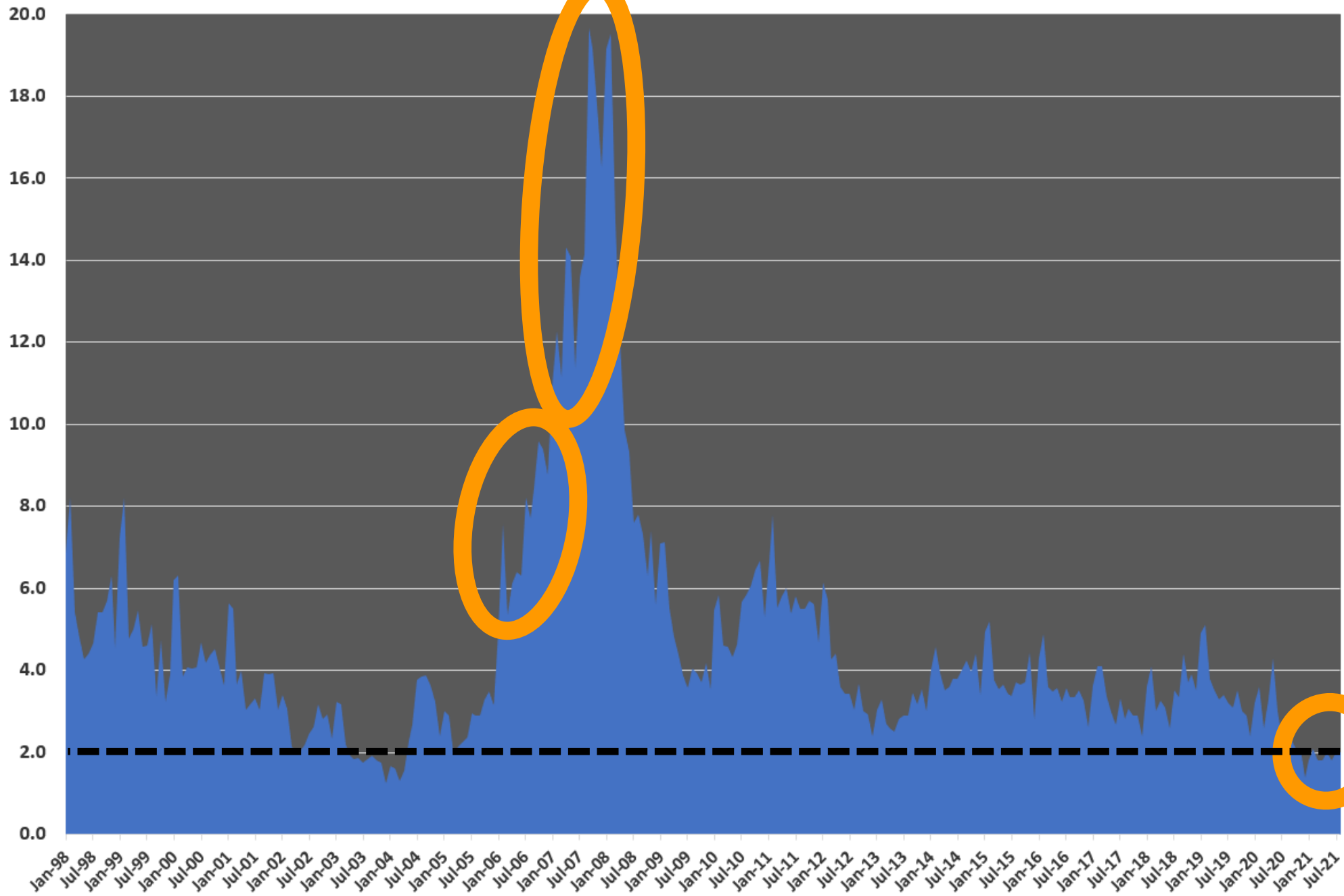
Source: New York Fed Consumer Credit Panel/Equifax

* Credit Score is Equifax Riskscore 3.0





Los Angeles - Unsold Inventory



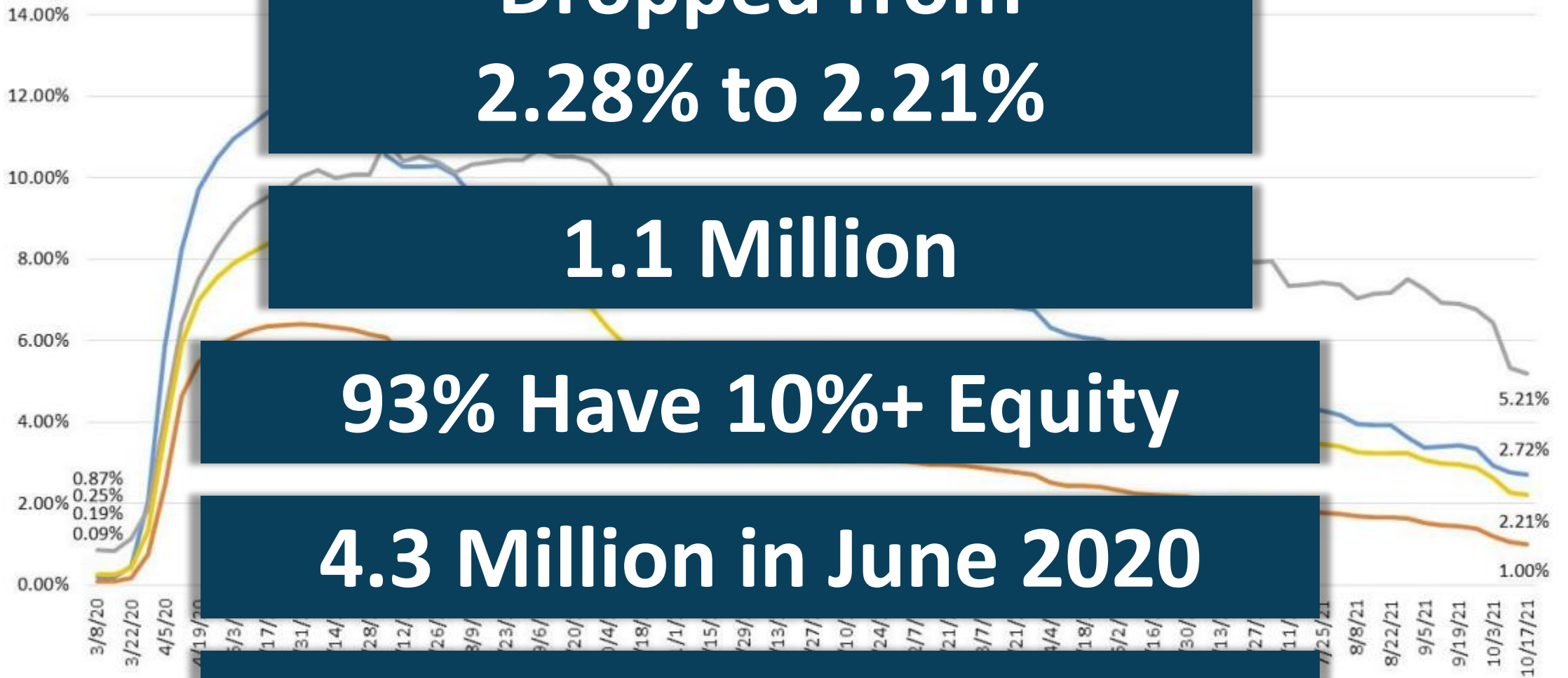
Great recession

A man with a beard, wearing a grey suit jacket and a dark blue shirt, is holding a red pen in his right hand. The background is dark. A thick red brushstroke underline is positioned below the title.

**Over 40% of all mortgages
had less than 10% equity**

**28% of all mortgages were
fully underwater**

% of Servicing Portfolio Volume in Forbearance by Investor Type over Time (Full Sample)



**Dropped from
2.28% to 2.21%**

1.1 Million

93% Have 10%+ Equity

4.3 Million in June 2020

7.6 Million Forbearances

6 Million Exited Forbearances

Removed –
Performing
3.7m
62%

Removed -
Paid Off
1.7m
28%

Removed -
Delinquent
Workout Unit
368k
6%

Removed -
Delinquent
232k
4%





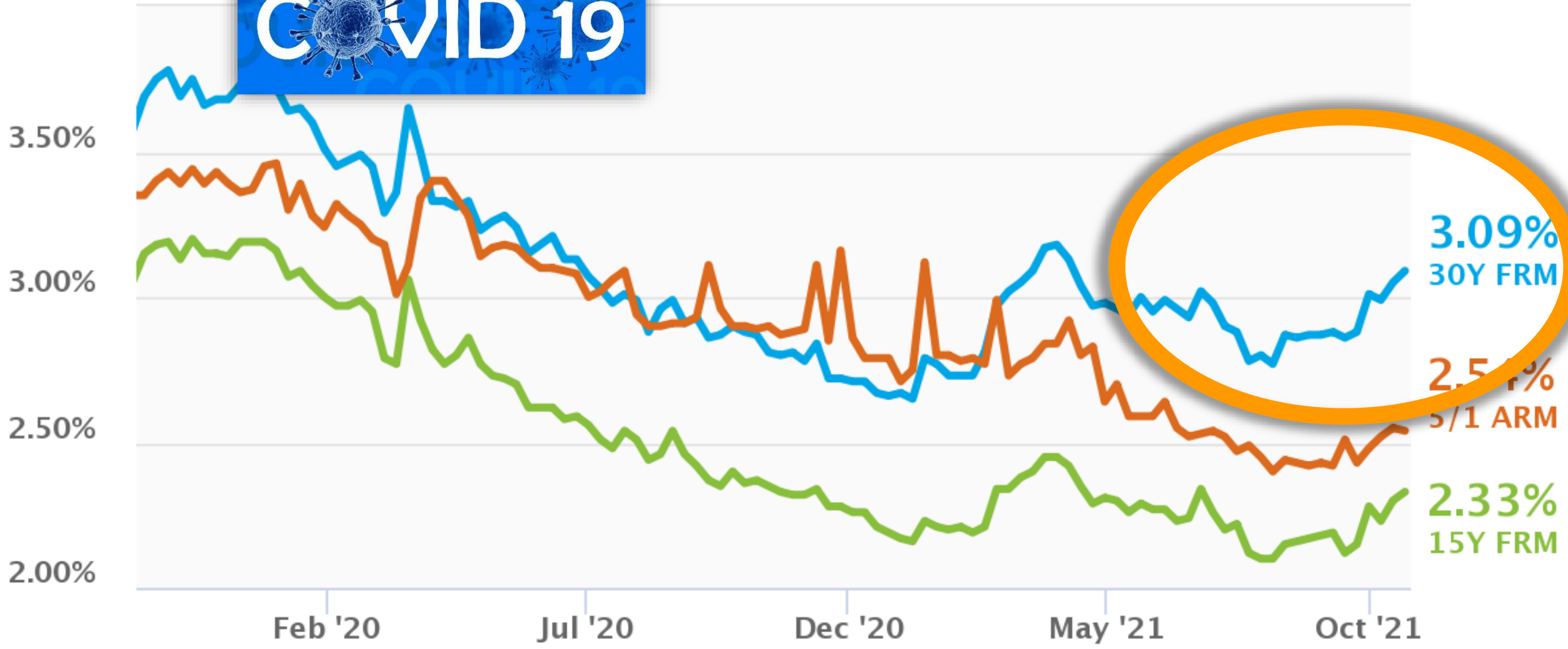
A large, overflowing pile of fast-food items including burgers, fries, onion rings, and pizza, with a hand holding a burger on the left side.

Unhealthy

A hand in a dark suit jacket is shown from the bottom right, holding a glowing, ethereal logo. The logo consists of the letters 'DOZ' formed by bright orange and yellow light trails that swirl and flicker. The background is a deep, dark blue with some blurred light patterns. A semi-transparent dark blue horizontal band runs across the middle of the image, containing the text.

Where Are Rates Headed?

COVID 19





U.S. 10 Year Treasury

US10Y:Tradeweb

RT Quote | Exchange

Yield | 7:54 PM EDT

1.664% ▲ **+0.029**

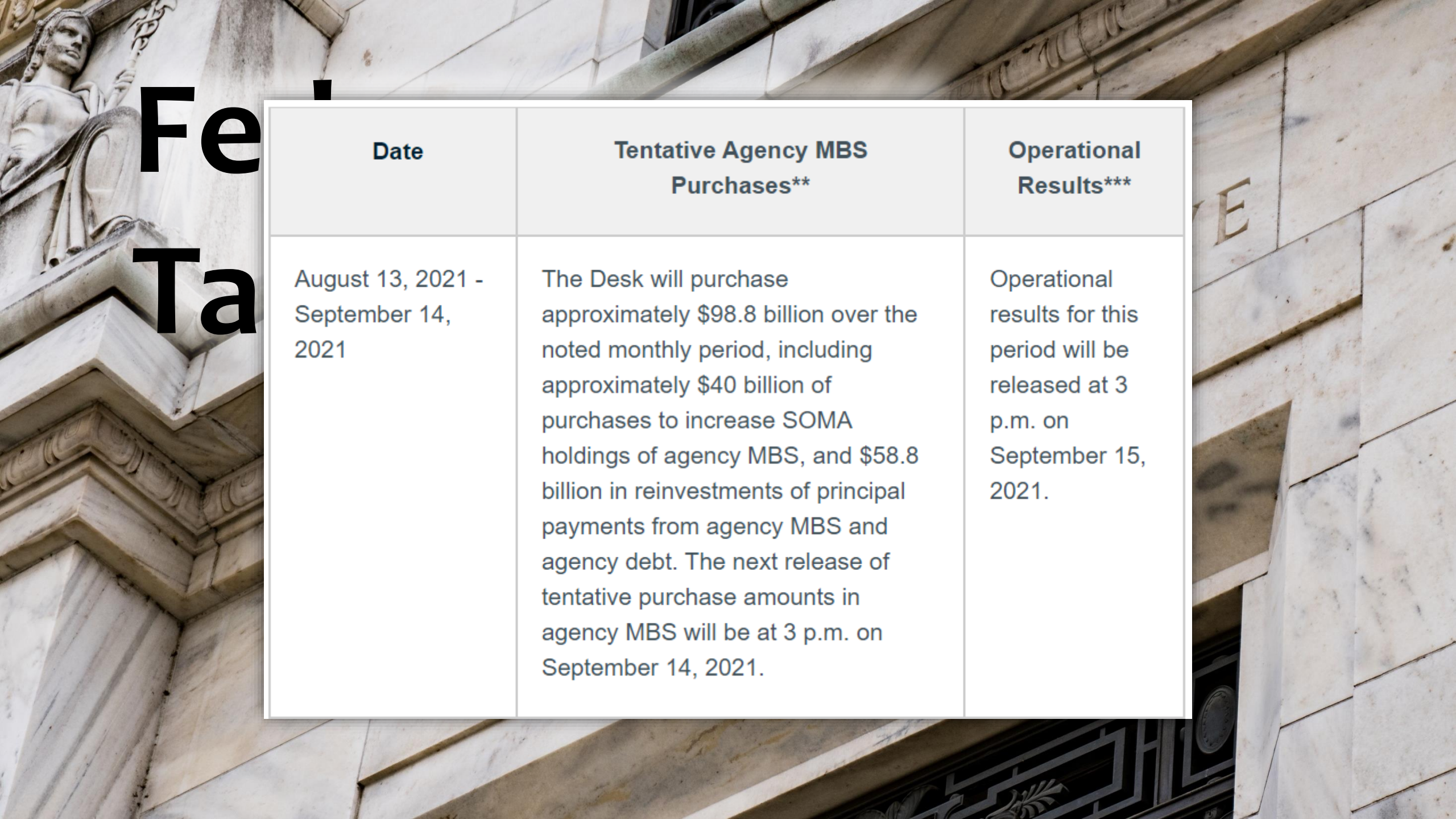
1D 5D 1M 3M 6M **YTD** 1Y 5Y ALL



+ Comparison

1D ▾ Display ▾ Studies ▾ ⚙️ ✎ + 🗨





Fe Ta

Date	Tentative Agency MBS Purchases**	Operational Results***
<p>August 13, 2021 - September 14, 2021</p>	<p>The Desk will purchase approximately \$98.8 billion over the noted monthly period, including approximately \$40 billion of purchases to increase SOMA holdings of agency MBS, and \$58.8 billion in reinvestments of principal payments from agency MBS and agency debt. The next release of tentative purchase amounts in agency MBS will be at 3 p.m. on September 14, 2021.</p>	<p>Operational results for this period will be released at 3 p.m. on September 15, 2021.</p>

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inflation

stock

market

finance

economy

investment

money

crisis

invest

crash

bankrupt

increase

value

stack

paper

exchange

data

banking

budget

tax

achievement

equity

earnings

growth

uncertainty

chart

savings

economic

currency

cash

balance

change

financial

sell

bank

entrepreneur

warning

debt

calculating

deflation

speculator

success

investor

buy

recession

businessman

rate

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decline

profit

rise

save

future

wealth

insurance

progress

calculator

performance

asset

speculate

fortune

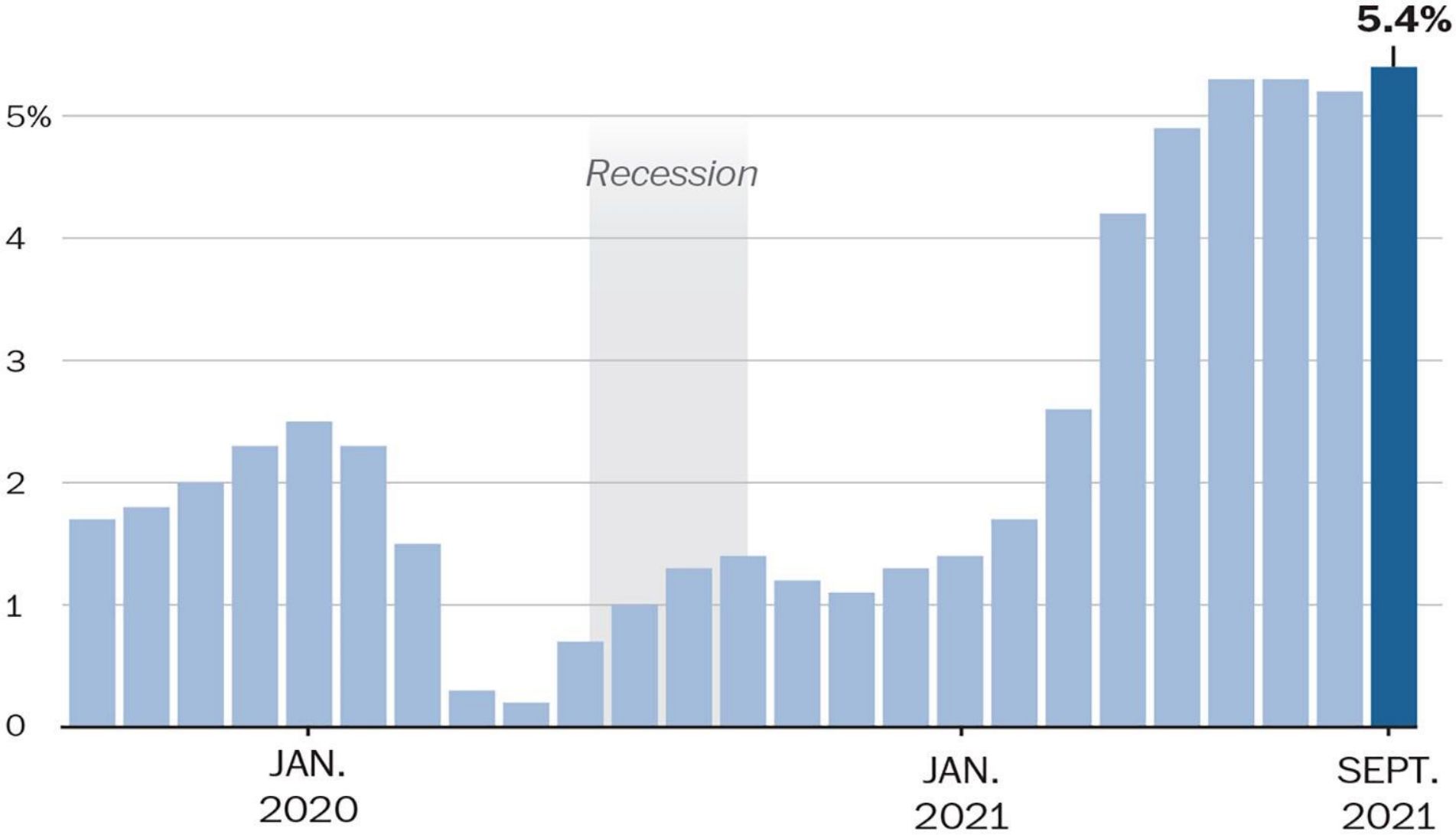
treasure

interest

re

Inflation accelerates again in September

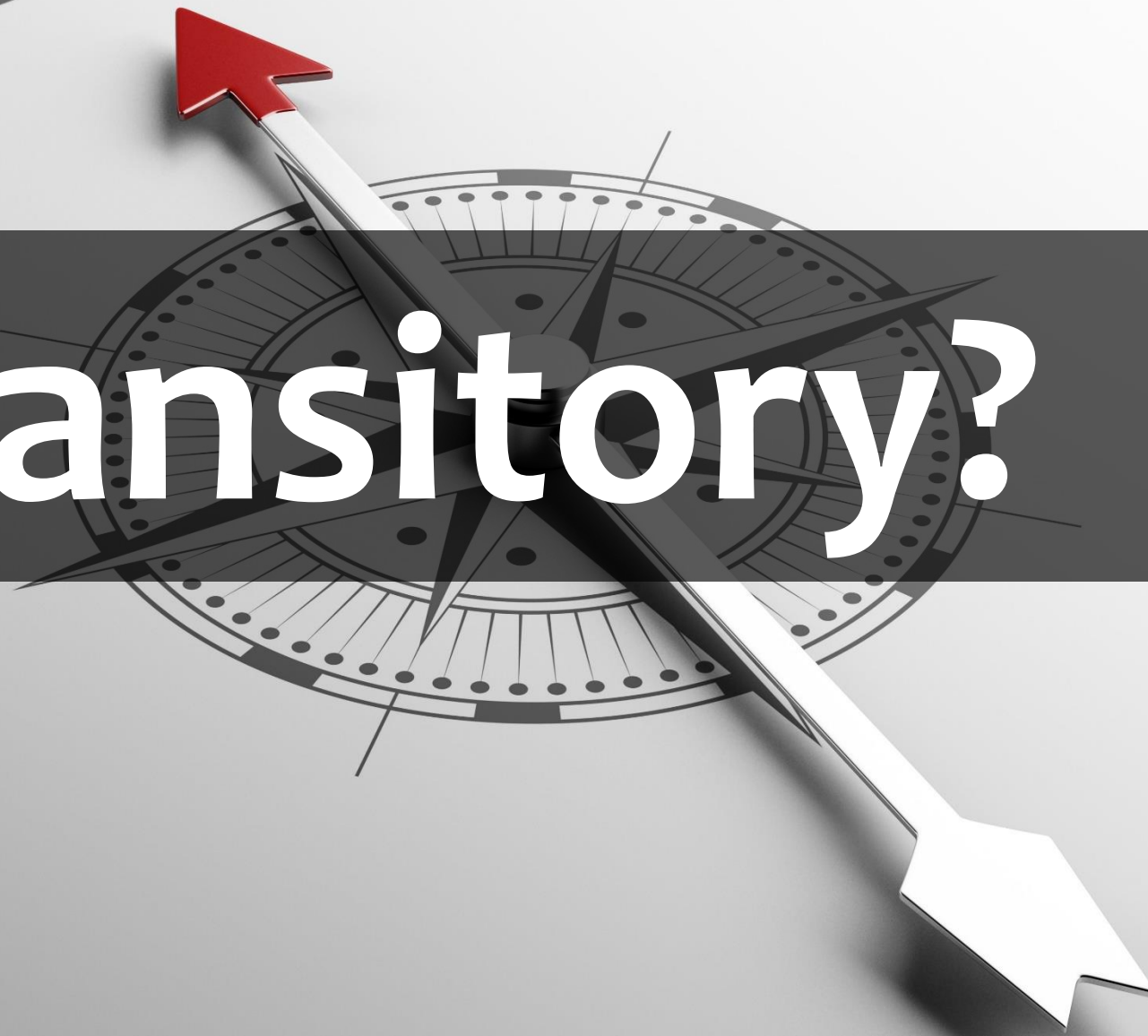
Year-over-year changes in overall consumer price index, seasonally adjusted



Source: Labor Department

-INFLATION-

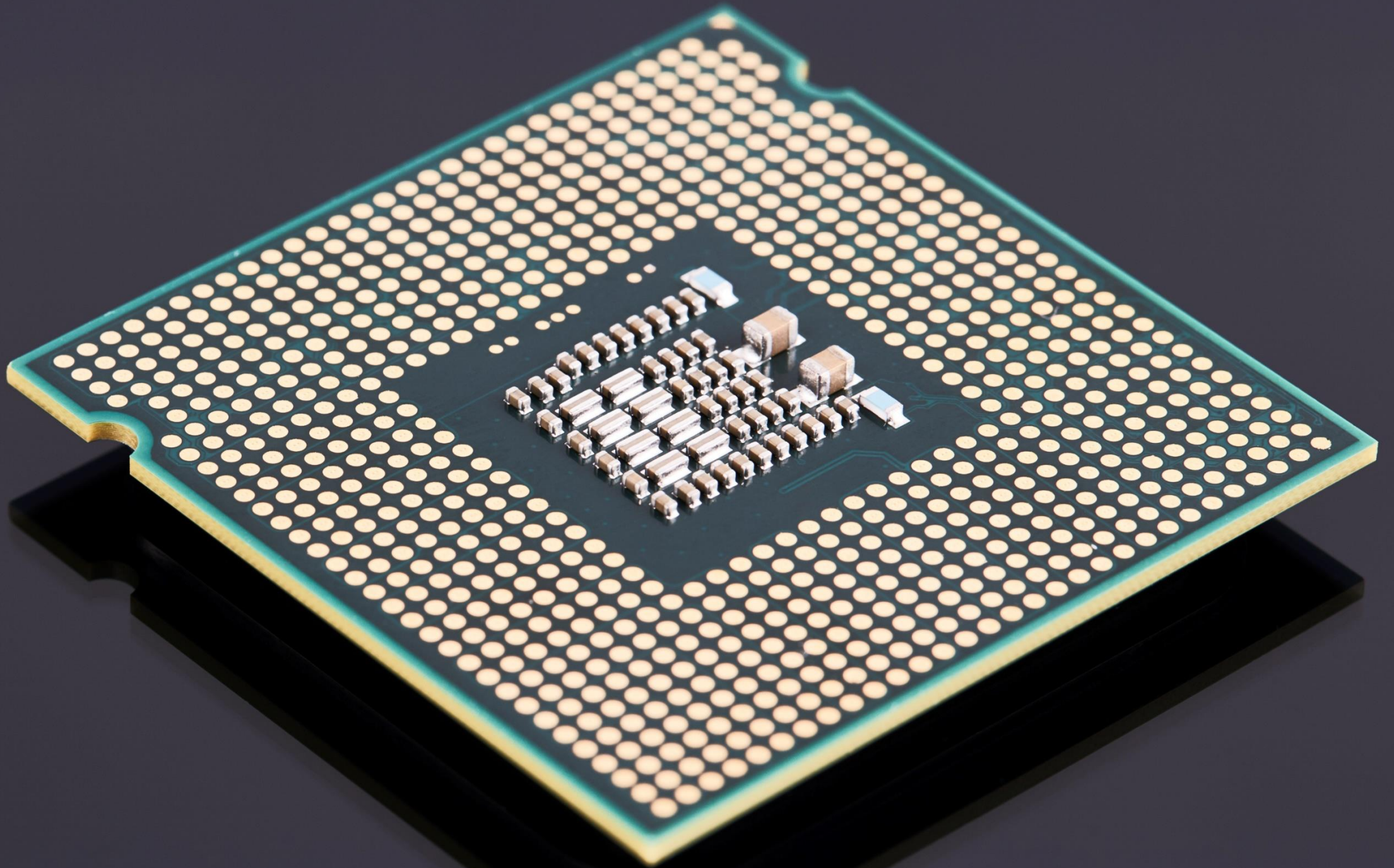
Transitory?





Supply Chain Problems

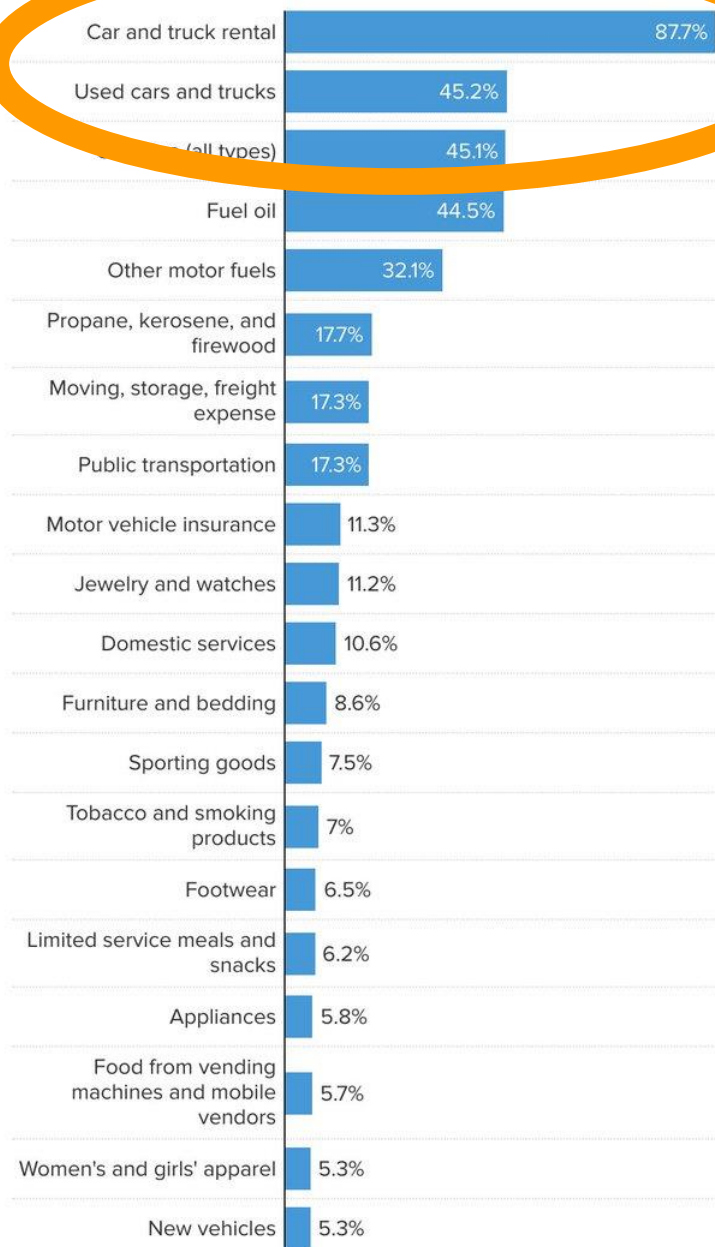






Change in price from one year ago

Top 20 it



Source: Bureau of Labor Statistics. Data is unadjusted.





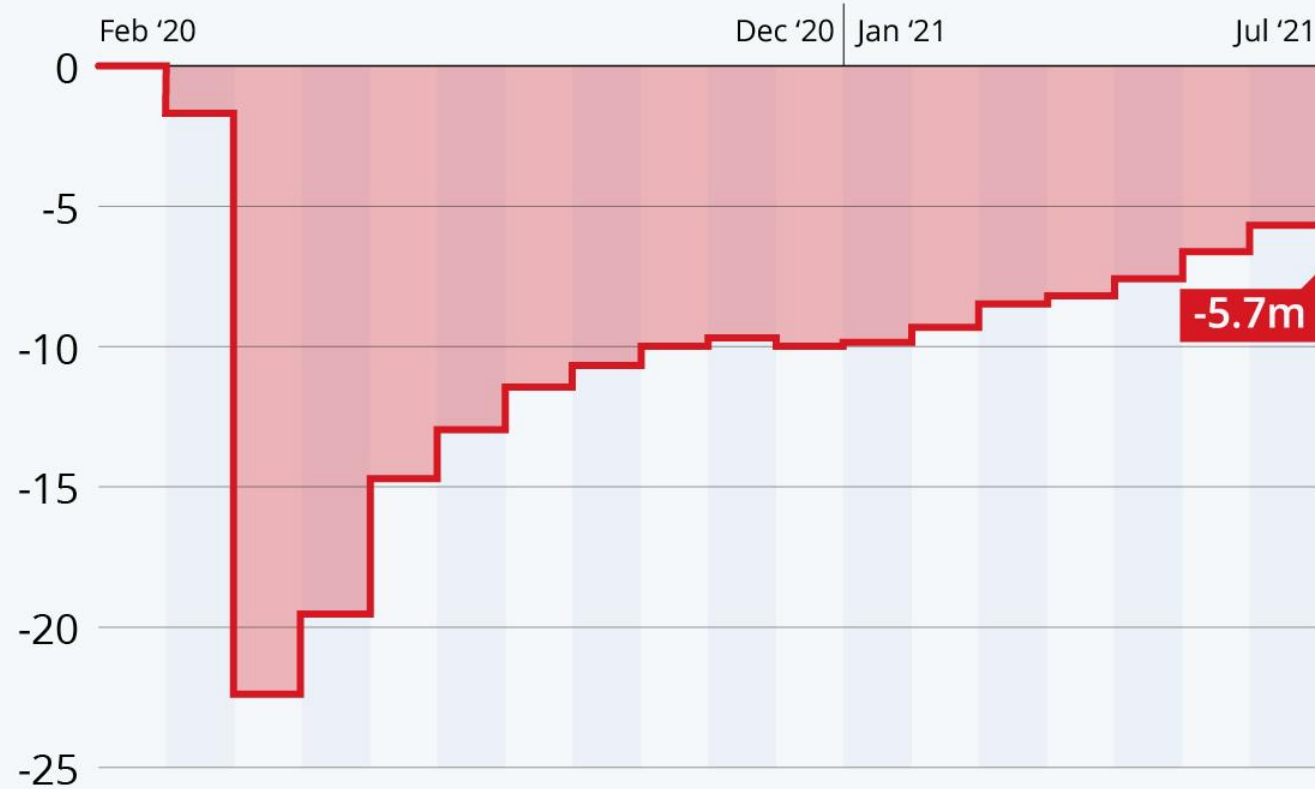






The State of the Jobs Recovery

Cumulative change in total nonfarm employment in the United States since February 2020 (seasonally adjusted)*



* excludes proprietors, private household employees, unpaid volunteers, farm employees, and the unincorporated self-employed

Source: U.S. Bureau of Labor Statistics



Job openings fall to 10,439,000 jobs in August 2021

Job openings still up 48.9% from February 2020, an all-time record high



Source: Bureau of Labor Statistics, Job Openings and Labor Turnover Survey, August 2021

The job-seekers ratio, 2000–2021



Notes: Shaded areas denote recessions. Unemployment levels represent the average of the unemployment level for the current month and the subsequent month in the Current Population Survey to better line up with the job openings data from the Job Openings and Labor Turnover Survey.

Source: EPI analysis of Bureau of Labor Statistics Job Openings and Labor Turnover Survey and Current Population Survey



H edge

A gainst

I nflation



2.75% to 3.5%

**INSANE Seller's
Market**

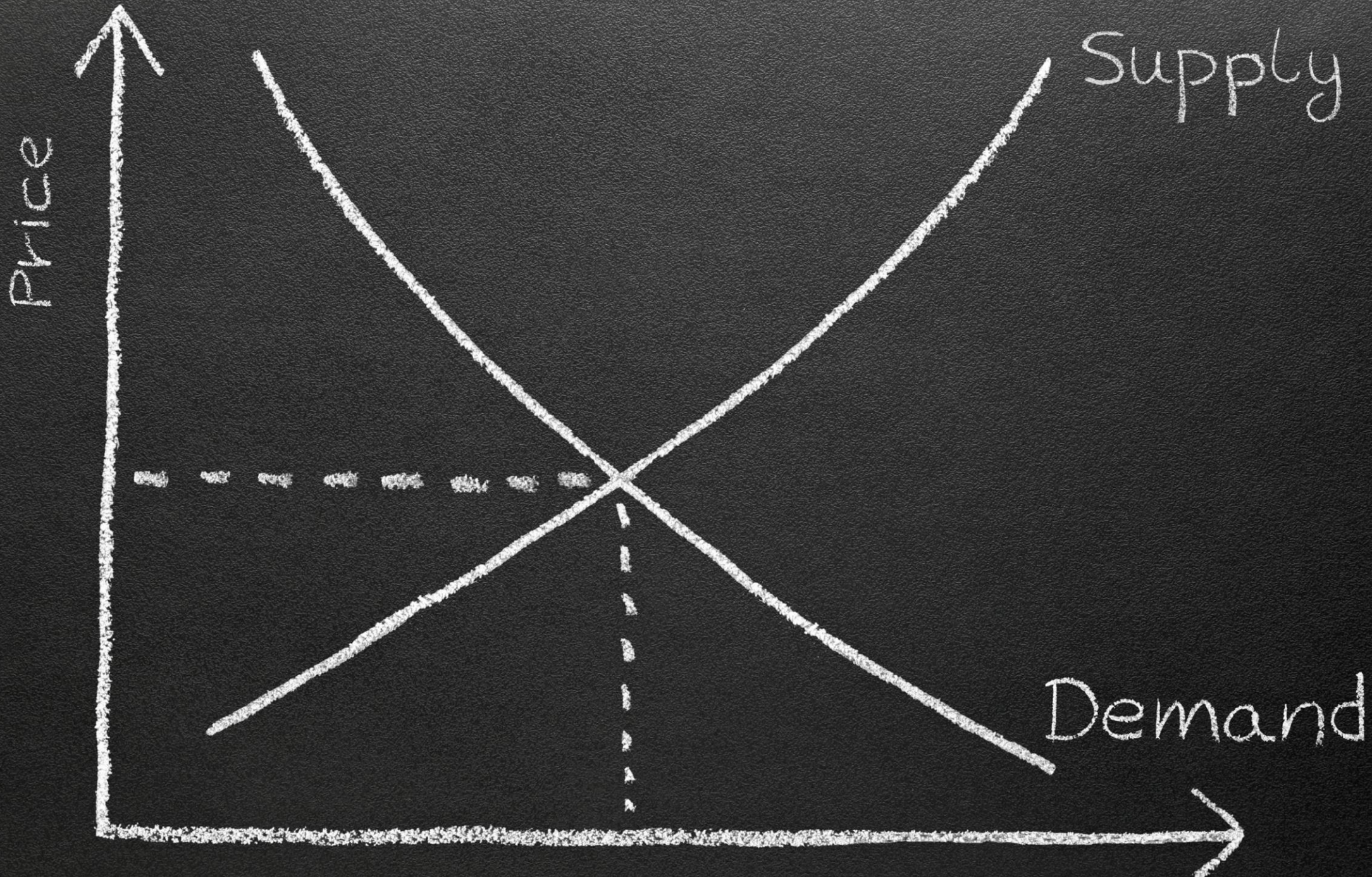
Seller's Market



An aerial photograph of a suburban neighborhood. The houses are arranged in a grid-like pattern along a winding road. The houses have red-tiled roofs and are surrounded by green lawns and trees. Some houses have swimming pools. The overall scene is a typical suburban residential area.

The Housing Market





A photograph of a two-story house at night, illuminated by warm interior lights. In the foreground, a silver 'FOR SALE' sign is mounted on a post. The sign is red with white text. The words 'Inventory' and 'Crisis' are overlaid in large white font across the center of the image.

Inventory

Crisis



Economic Cycles

Seasonality

SPRING

SUMMER

AUTUMN

WINTER



The background features a vibrant blue sky with scattered white clouds. Several maple leaves in various stages of autumn color—ranging from bright yellow to deep red—are scattered across the scene, some appearing to fall from the top. A large, prominent leaf in shades of red and orange is positioned in the upper left corner, partially overlapping the text.

Inventory & Demand Slowly Drops

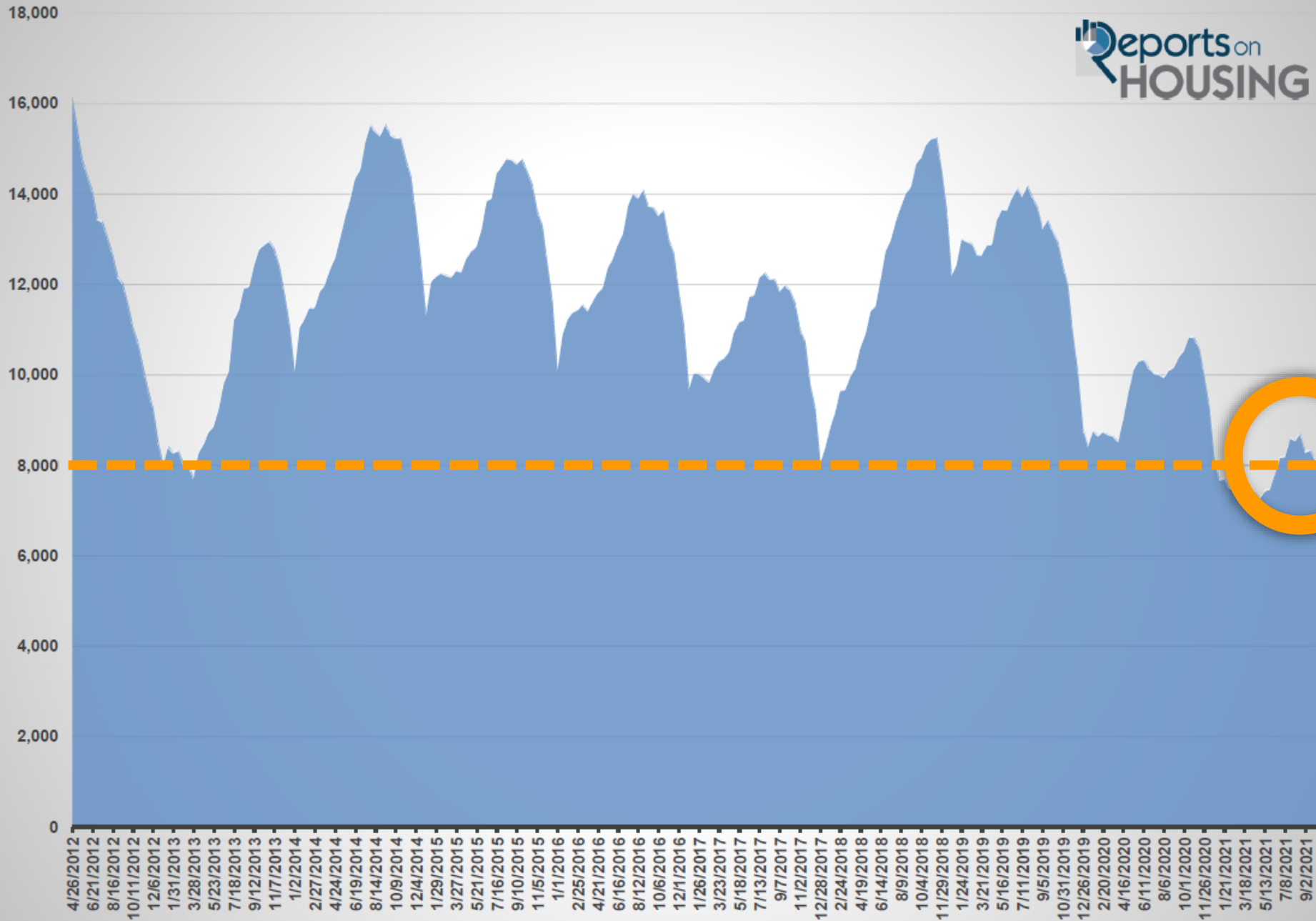
A close-up photograph of a red ceramic mug filled with a frothy, light-colored beverage, likely hot chocolate. The drink is topped with a large, white marshmallow shaped like a snowman, complete with chocolate eyes, a red and yellow candy nose, and chocolate smile. Two cinnamon sticks are tucked into the drink. A white paper napkin is placed to the right of the mug. The background is softly blurred, showing warm, out-of-focus lights and hints of greenery, suggesting a festive holiday setting.

Inventory & Demand Plunges

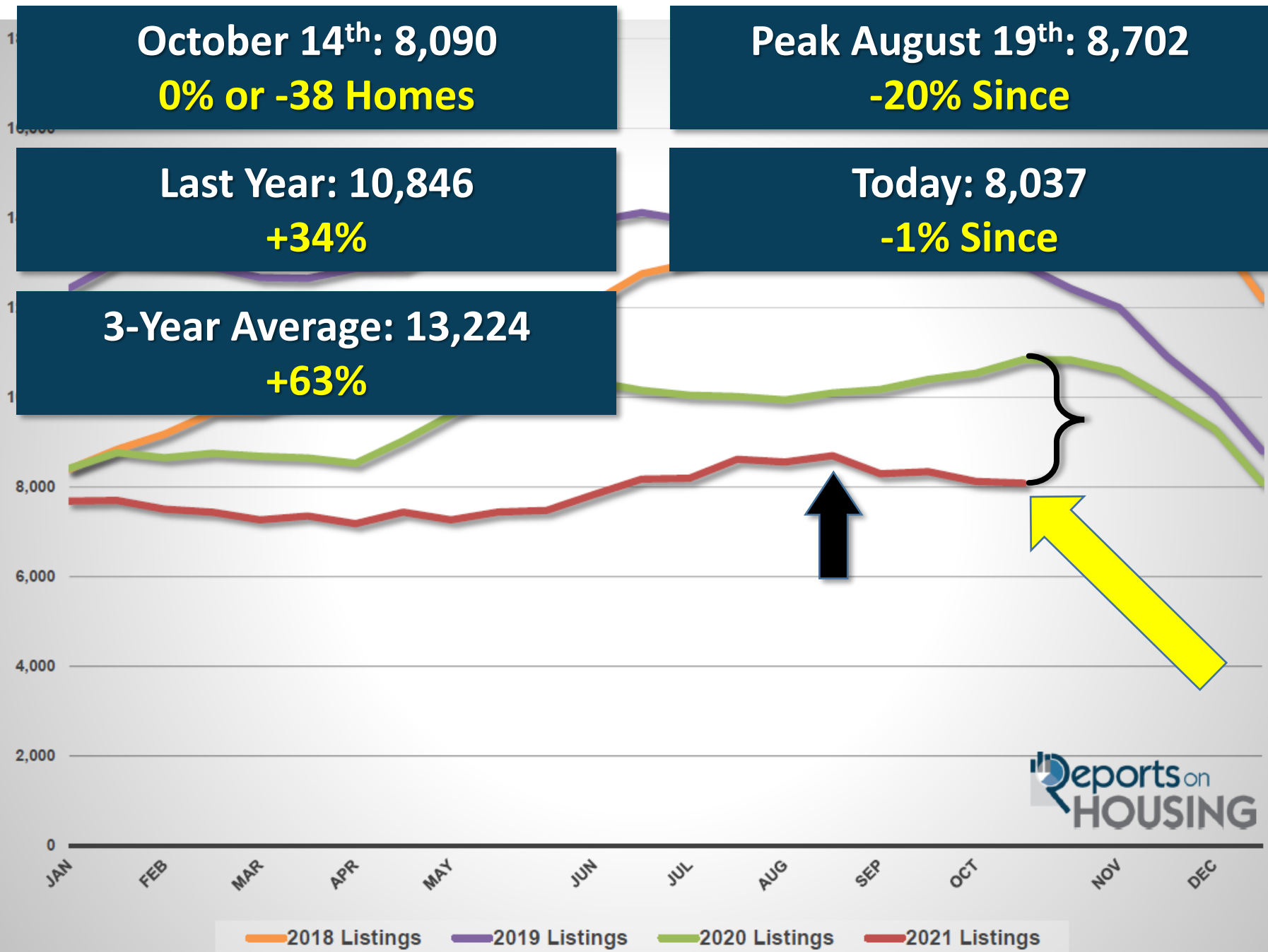


Los Angeles County Supply

Los Angeles County Active Listing Inventory



Los Angeles County Active Listing Inventory Year Over Year



October 14th: 8,090
0% or -38 Homes

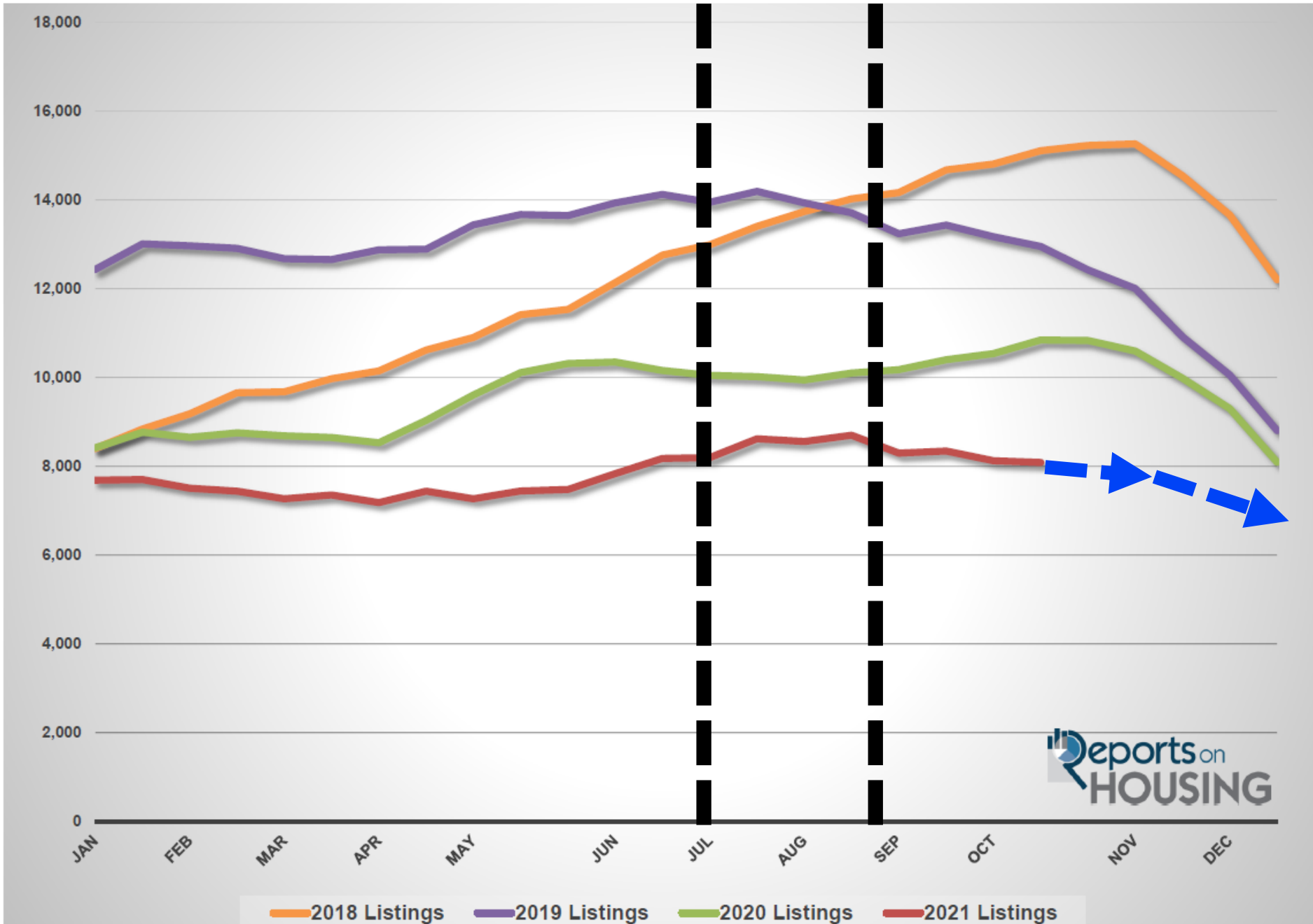
Peak August 19th: 8,702
-20% Since

Last Year: 10,846
+34%

Today: 8,037
-1% Since

3-Year Average: 13,224
+63%

Los Angeles County Active Listing Inventory Year Over Year





of New FOR-SALE Signs Compared to 3-Year Average

Los Angeles County

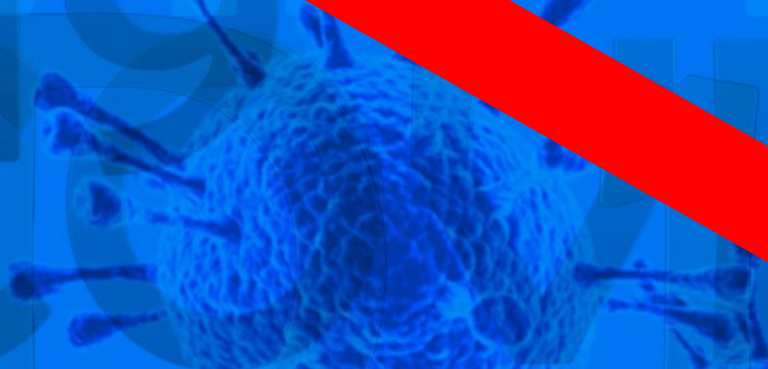
All of 2020

-8% or -7,715 Homes

Jan to Sep 2021

-2% or -1,477 Homes

~~COVID-19~~





**“Where Will
I Go?”**





Los Angeles County Demand







California - September 2021 - # Sales Above List

Six out of ten homes sold above asking price

% of sales with price above asking price

8
7
6
5
4
3
2
1

10 Days

Median Time on Market*

▼ -9.1% YTY



sep-19
Nov-18

101.9%

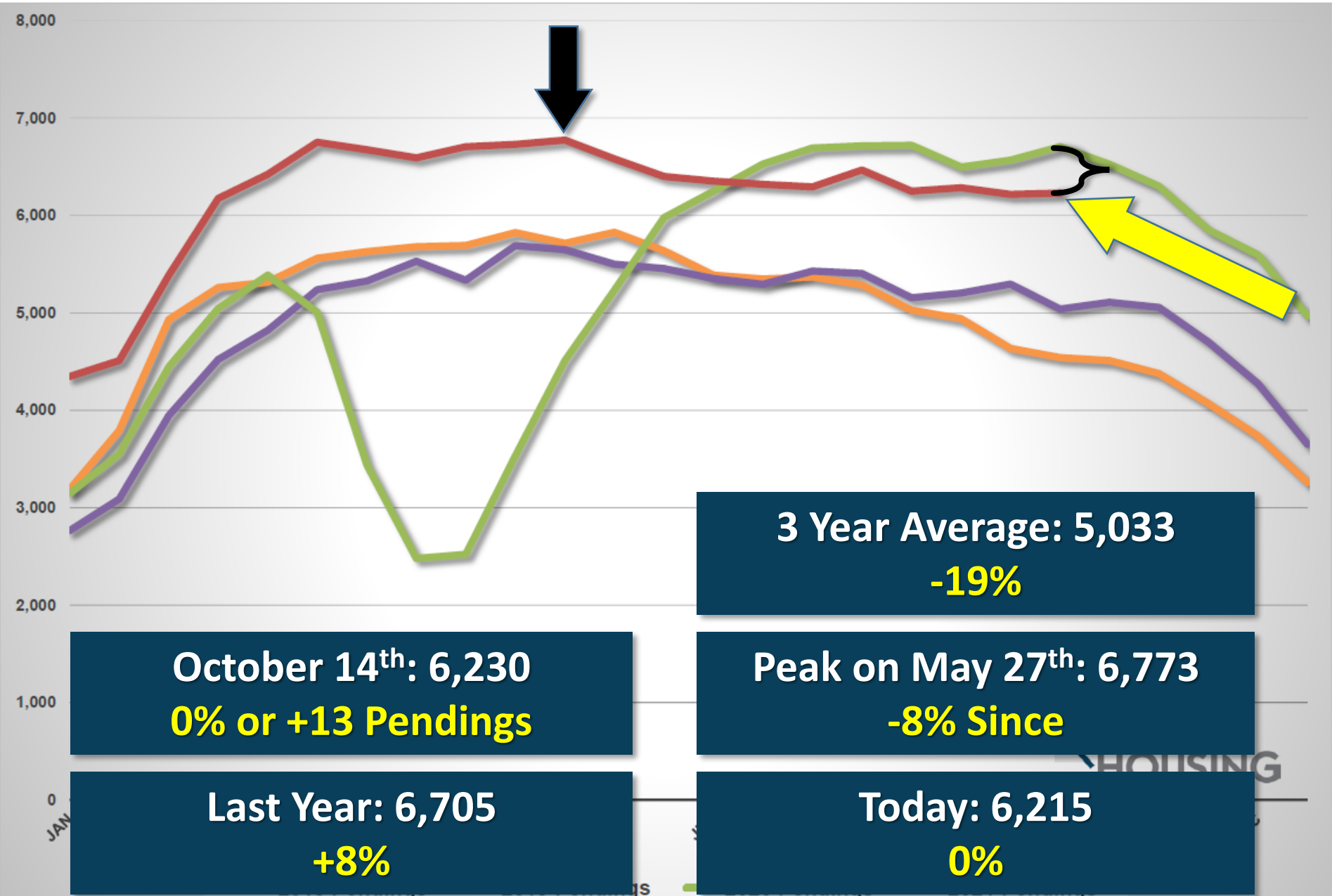
Sales to List Price Ratio*

▲ 1.9% YTY



Los Angeles County Demand Year Over Year

Prior 30 Day Pending Snapshot



October 14th: 6,230
0% or +13 Pendings

Last Year: 6,705
+8%

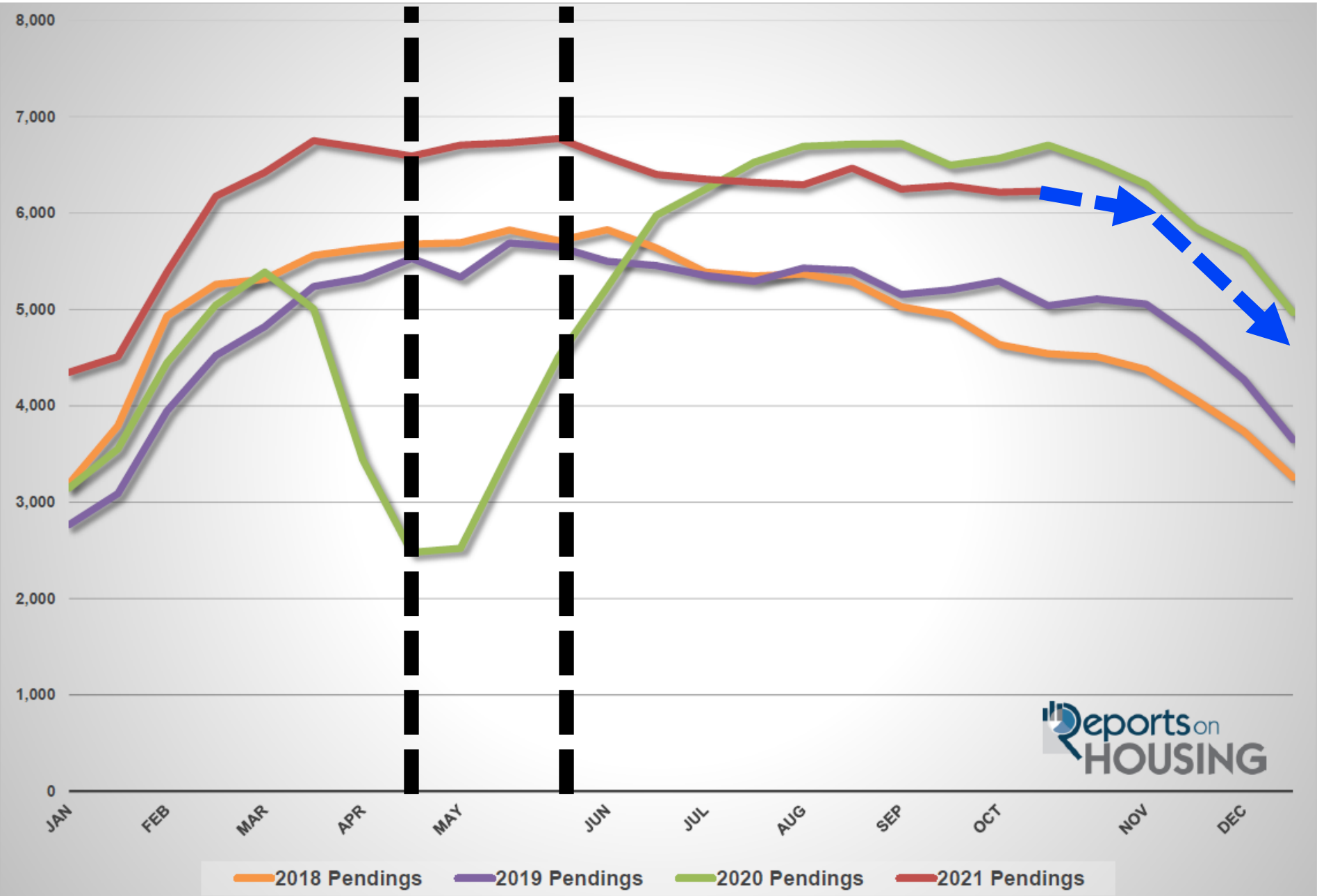
3 Year Average: 5,033
-19%

Peak on May 27th: 6,773
-8% Since

Today: 6,215
0%

Los Angeles County Demand Year Over Year

Prior 30 Day Pending Snapshot





How Fast is the Market?

Los Angeles County Expected Market Time Year Over Year

October 14th:

39 Days (0)



3 Year Average:

80 Days

Last Year:

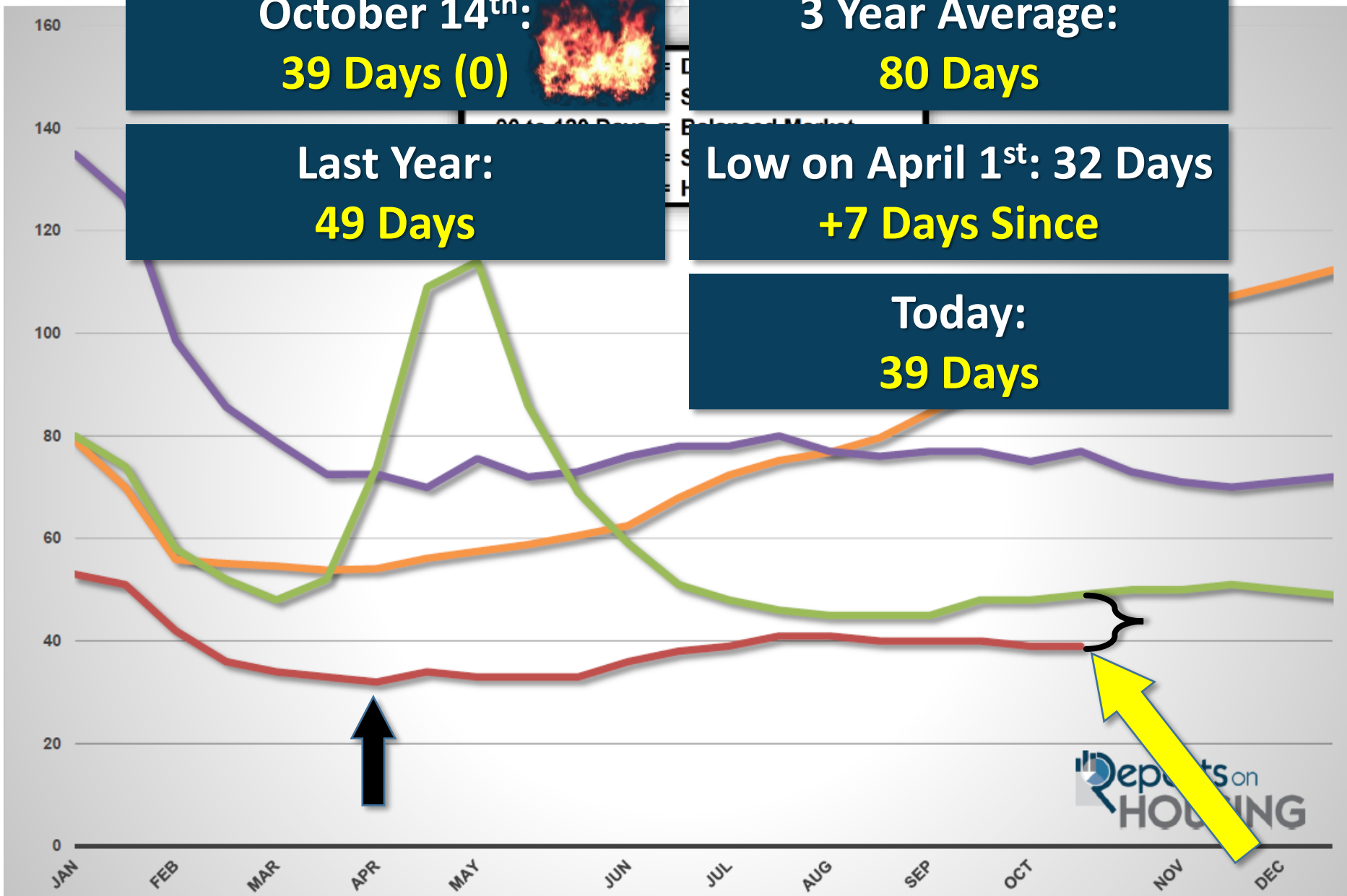
49 Days

Low on April 1st: 32 Days

+7 Days Since

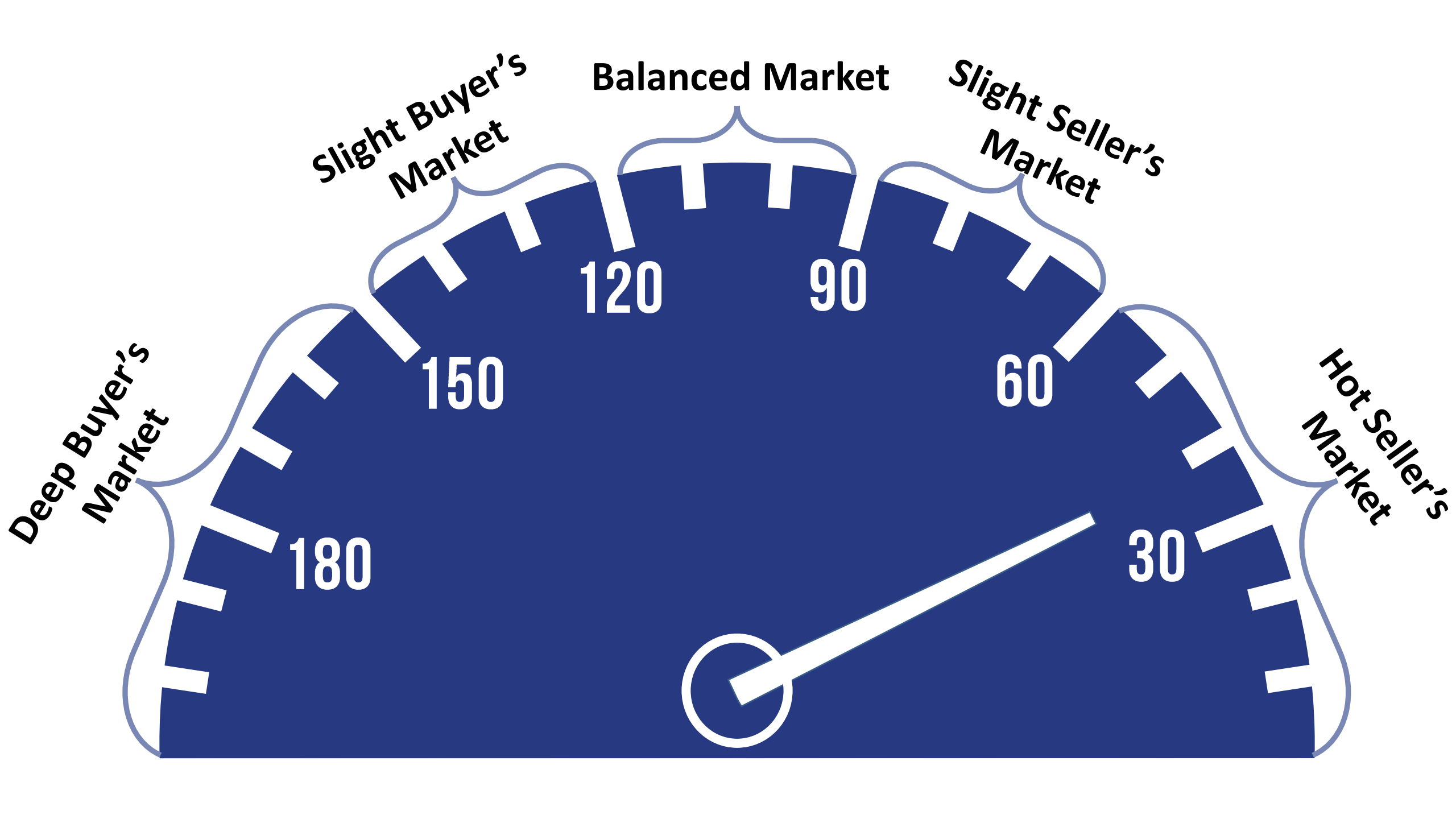
Today:

39 Days



— 2018 Expected Market Time — 2019 Expected Market Time — 2020 Expected Market Time — 2021 Expected Market Time





Slight Buyer's Market

Balanced Market

Slight Seller's Market

Hot Seller's Market

Deep Buyer's Market

180

150

120

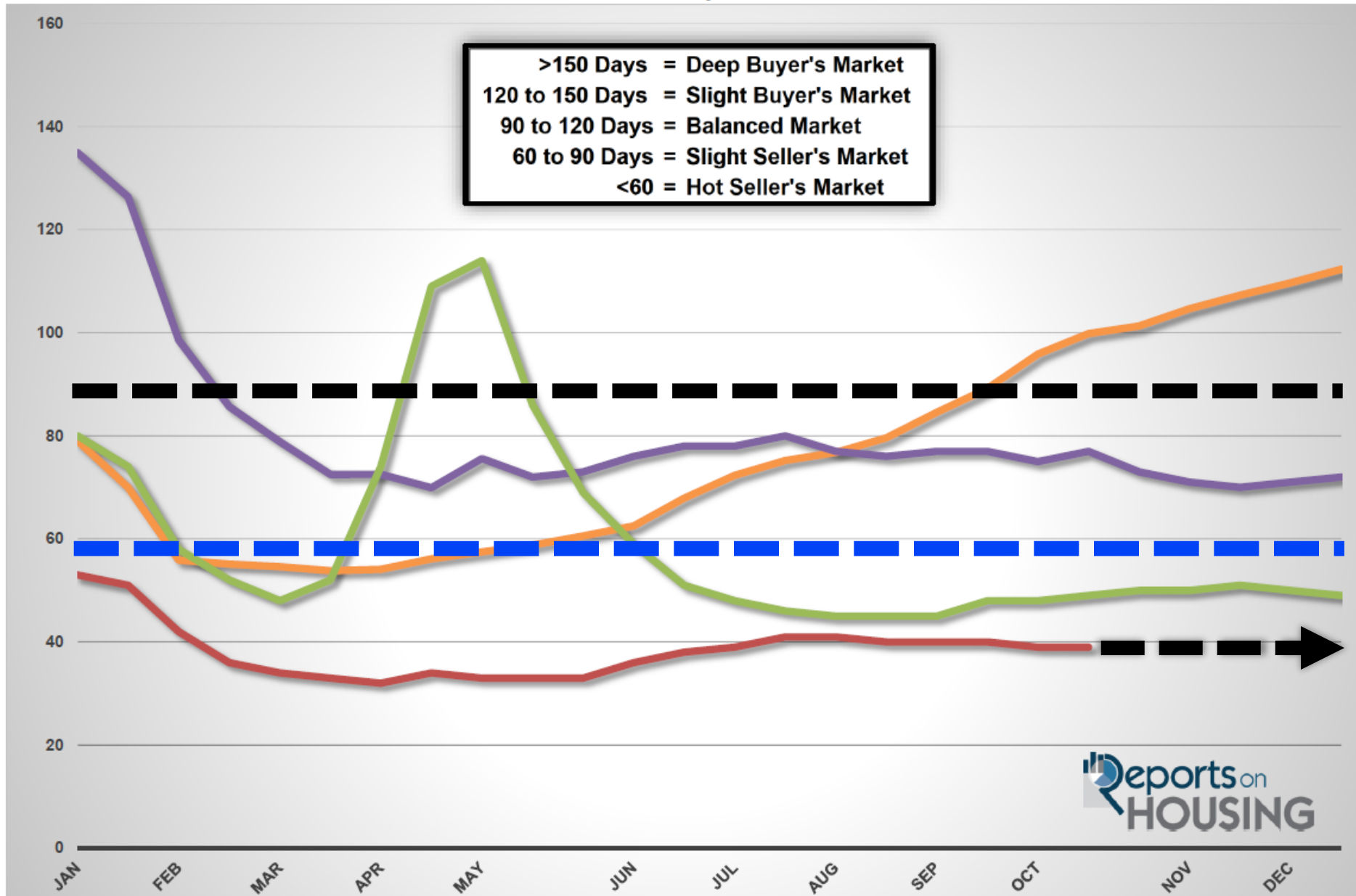
90

60

30

Los Angeles County Expected Market Time Year Over Year

In Days



Reports on HOUSING

2018 Expected Market Time 2019 Expected Market Time 2020 Expected Market Time 2021 Expected Market Time

<60 = Hot Seller's Market



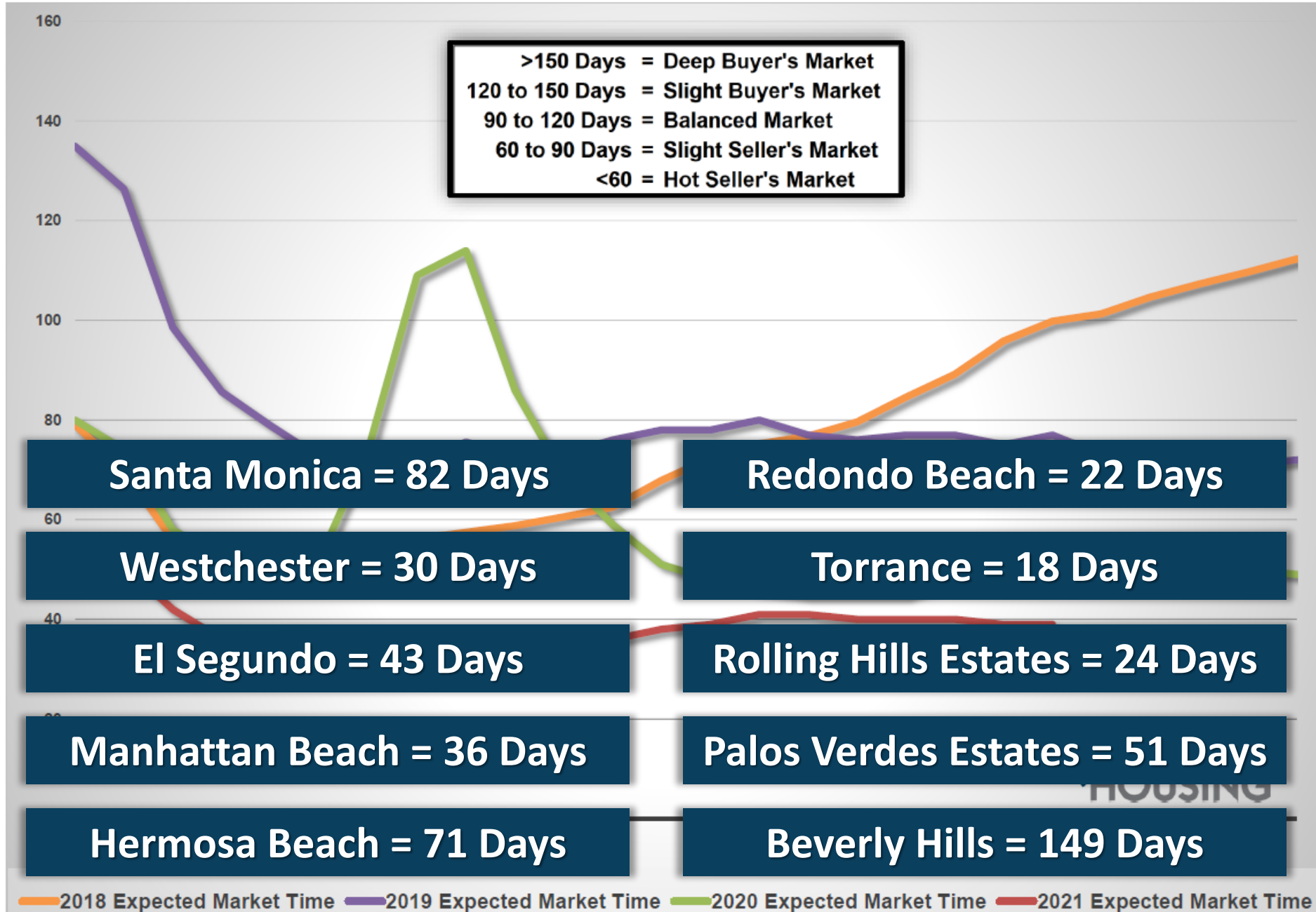
Reports on HOUSING

— 2018 Expected Market Time — 2019 Expected Market Time — 2020 Expected Market Time — 2021 Expected Market Time

Los Angeles County Expected Market Time Year Over Year

In Days

>150 Days = Deep Buyer's Market
 120 to 150 Days = Slight Buyer's Market
 90 to 120 Days = Balanced Market
 60 to 90 Days = Slight Seller's Market
 <60 = Hot Seller's Market



Home Values





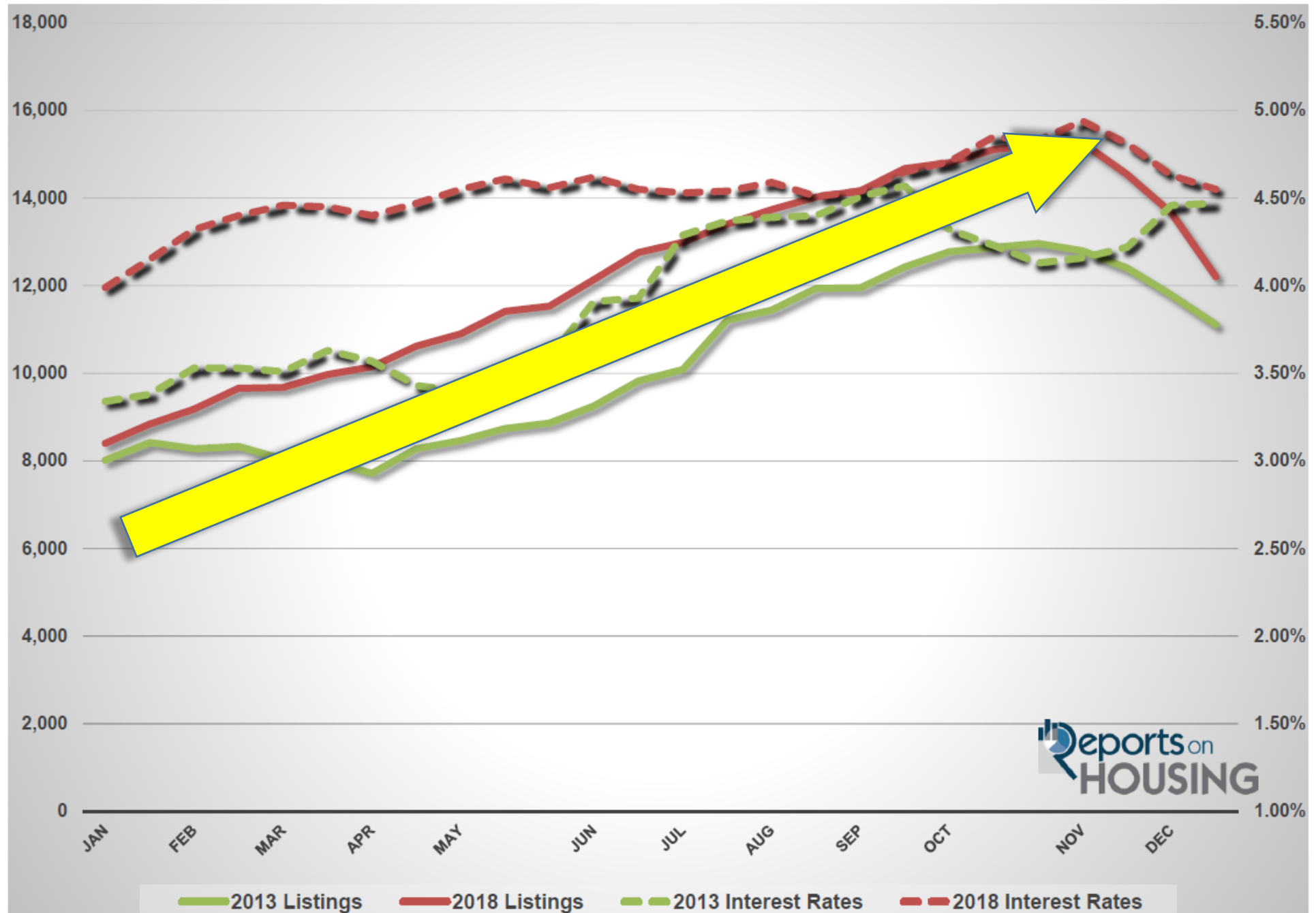


When Will the Market Slow?

A conceptual image featuring two silhouetted figures carrying a large, heavy sign that reads "INTEREST RATES" up a steep, rocky hill. The scene is set against a dramatic sunset sky with a large, bright sun and scattered clouds. The overall mood is one of struggle and perseverance.

INTEREST RATES

Los Angeles County Active Listing Inventory and Rates 2013 and 2018





Affordability

Mortgage Rate Sensitivity

10%

8%

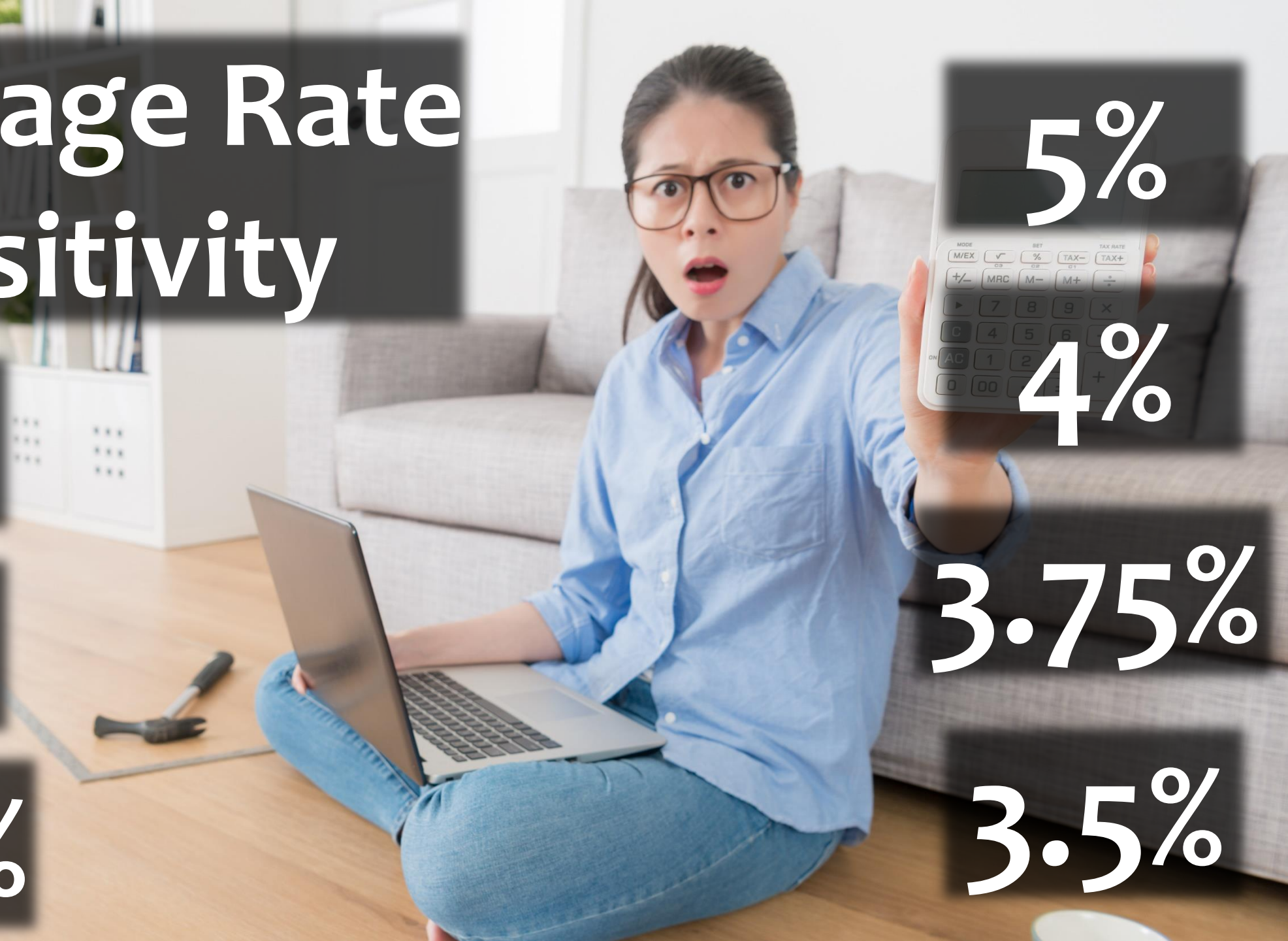
6.35%

5%

4%

3.75%

3.5%







**SLOW
DOWN**

**STOP
RUSH**

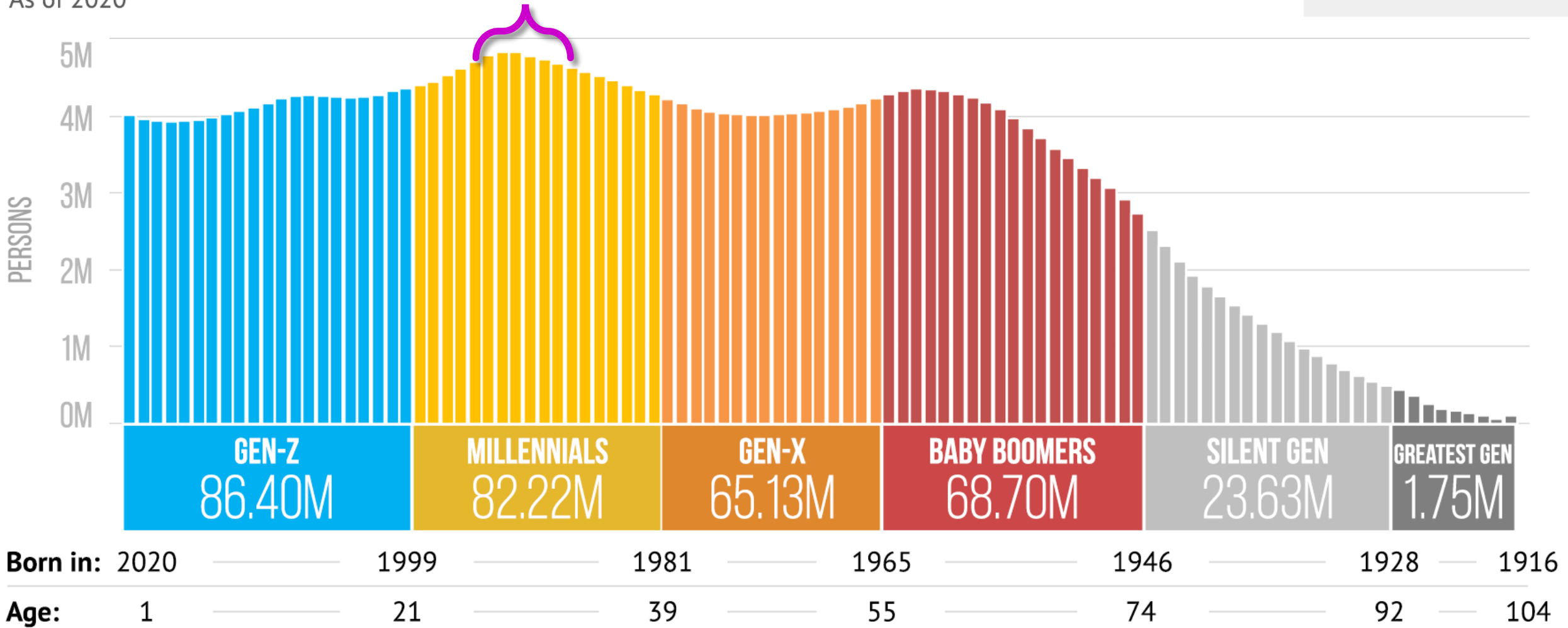


Market Overview

Total US Population by Age and Generation

Data Driven

As of 2020



Not All Home Sell Instantly

Los Angeles County

30+ Days

50% or 4,028 Homes

60+ Days

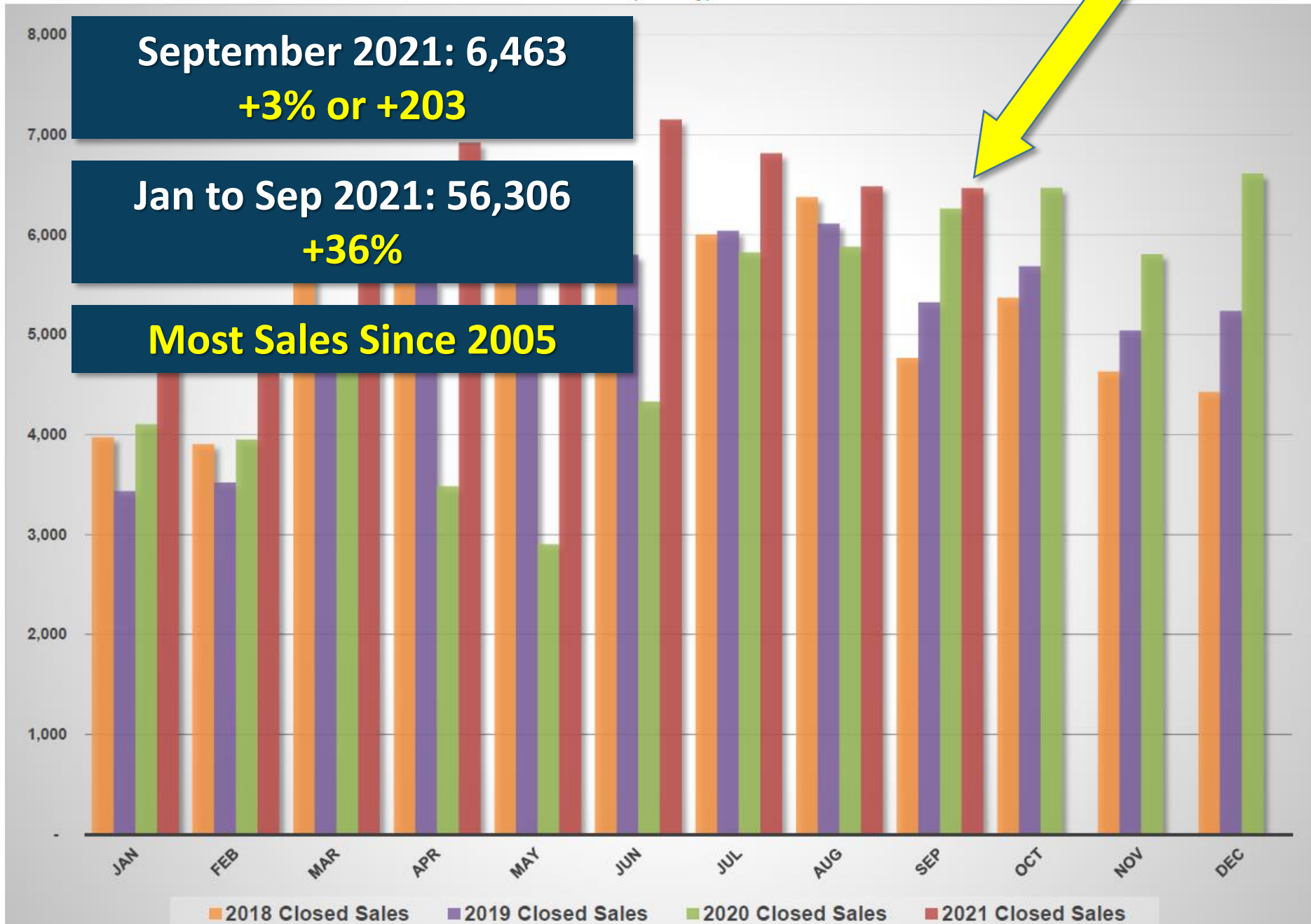
30% or 2,416 Homes

90+ Days

19% or 1,511 Homes

Los Angeles County Closed Sales Year Over Year

(Monthly)



September 2021: 6,463
+3% or +203

Jan to Sep 2021: 56,306
+36%

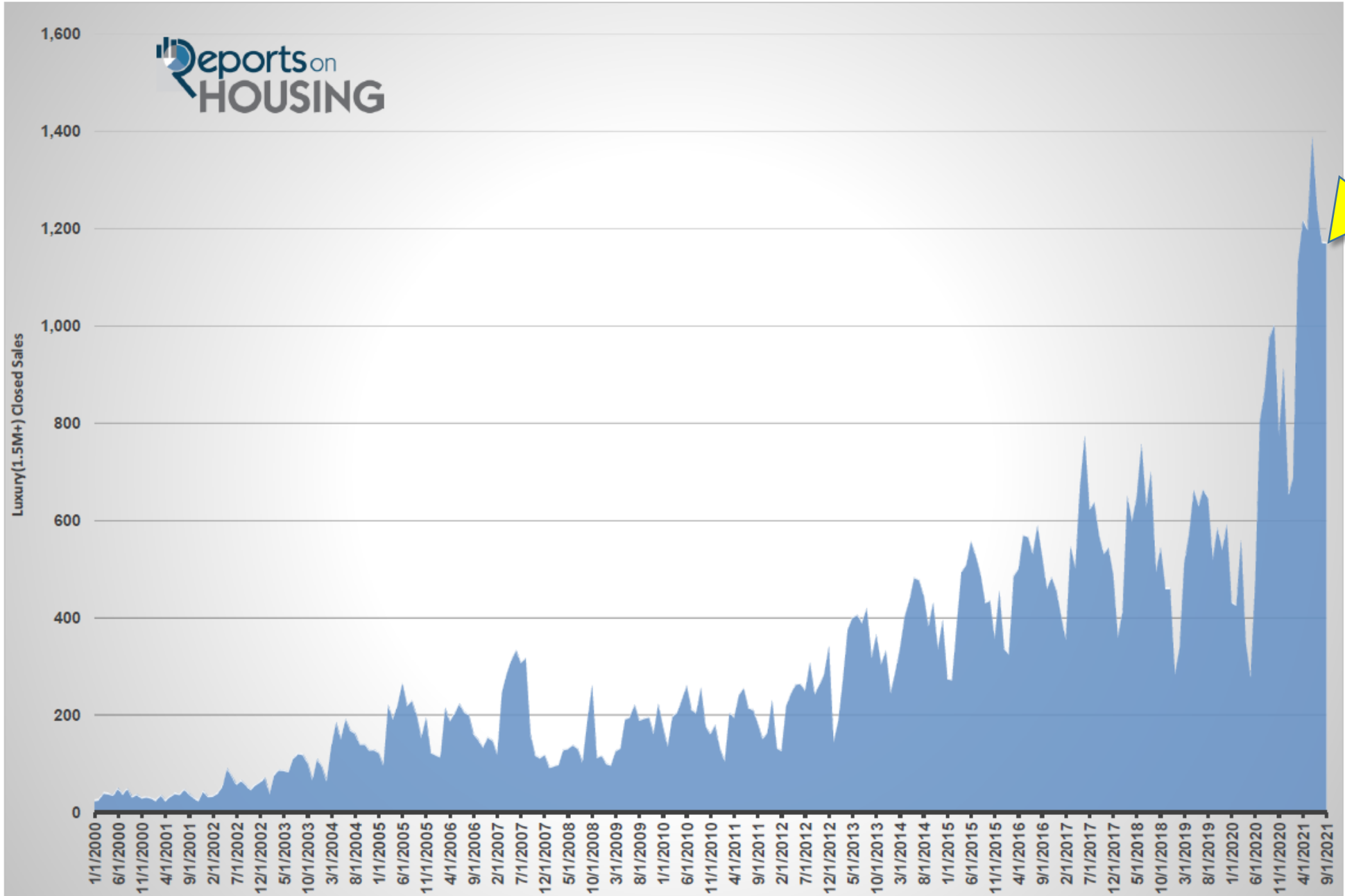
Most Sales Since 2005

2018 Closed Sales 2019 Closed Sales 2020 Closed Sales 2021 Closed Sales



Luxury is Surging

Los Angeles County Luxury Closed Sales (\$1.5 Million+)



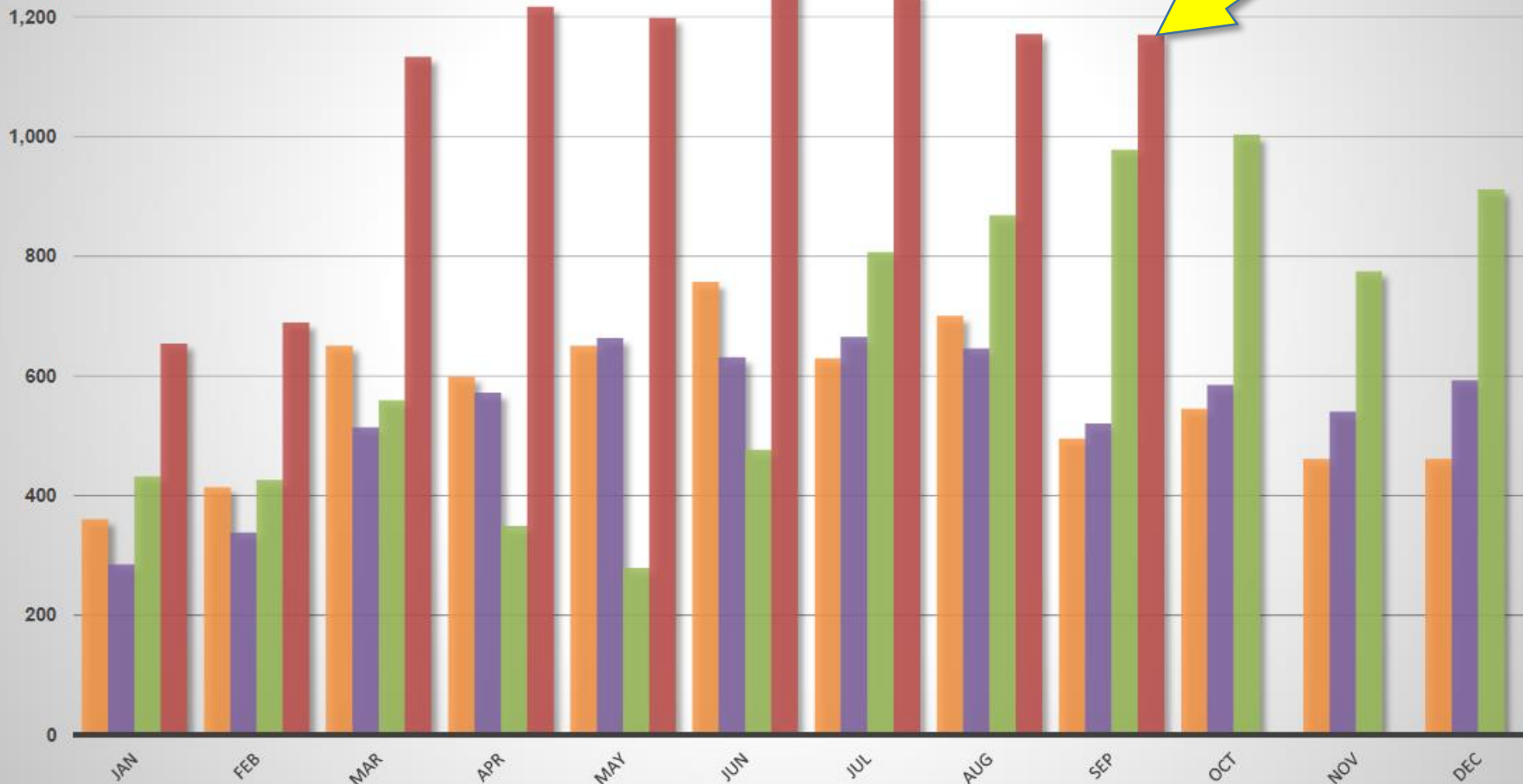
September 2021: 1,170

+20% or +192

Jan to Sep 2021: 9,864

+90% or +4,690

Record Level



2018 Luxury Closed Sales 2019 Luxury Closed Sales 2020 Luxury Closed Sales 2021 Luxury Closed Sales

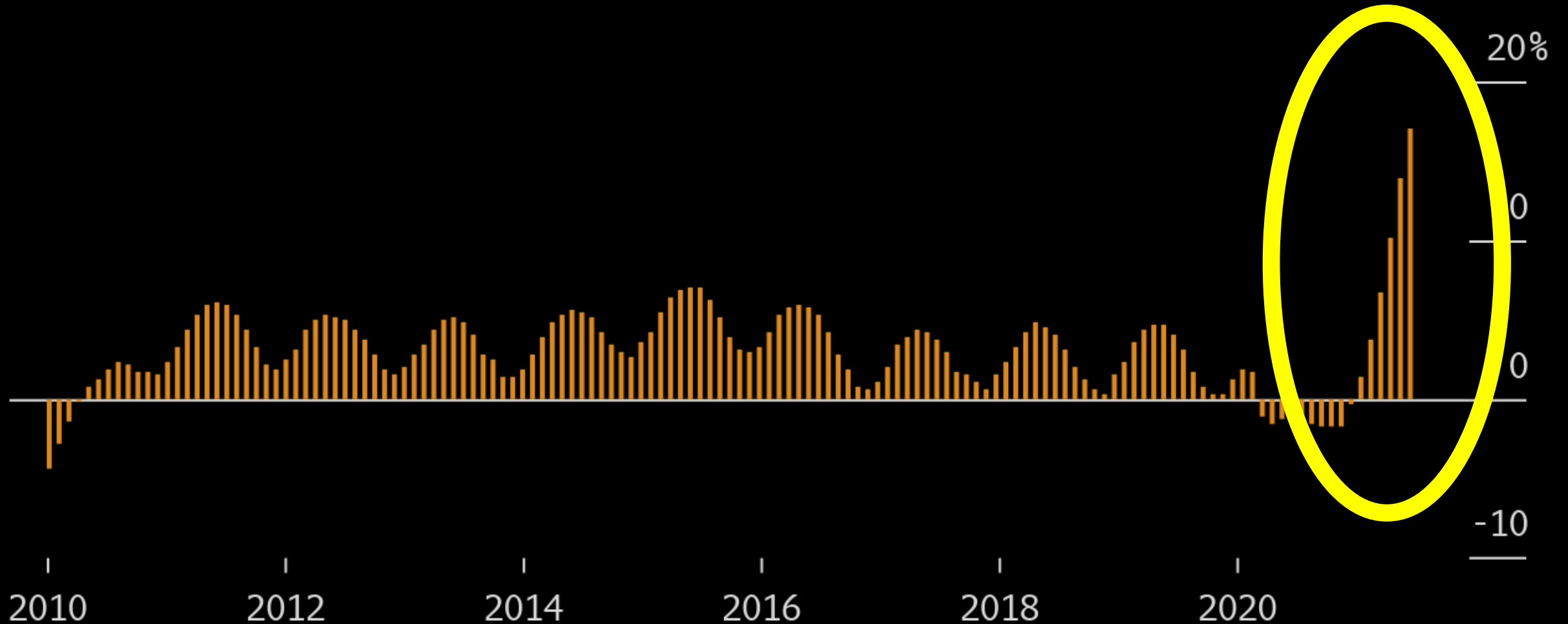


Luxury Homes

\$2,000,000+

High Cost Of Renting

Costs for new leases skyrocket as apartment hunting gets competitive



Source: RealPage Inc.

Note: Annual rent growth compares new leases with what previous tenant paid



The 2022 Forecast



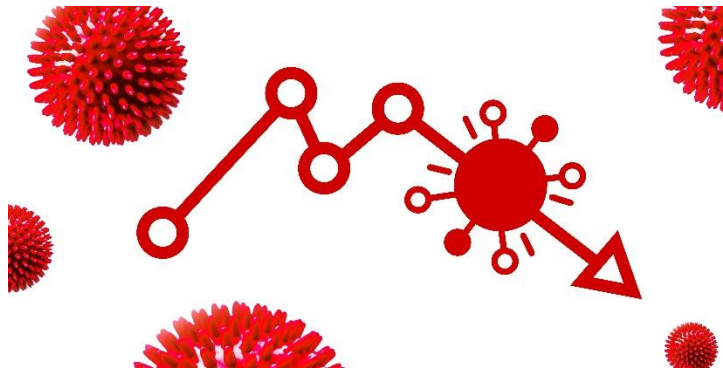
My 2022 Concerns



Uncertainty



Rates Remain Low



COVID-19 Variants



Washington DC

My 2022 Concerns



**Wages Rise
Too Fast**



**Values Rise
TOO Fast**



Buyer Fatigue



**Unrealistic
Sellers**

My 2022 Forecast



- **Distressed rises slightly – NO WAVE**
- **Normal housing seasons with slightly less activity than 2021**
- **1st half will be HOT due to limited inventory & 2nd half slower with higher rates**

My 2022 Forecast



- **Record Low Inventory to Start the Year = Under 6,500**
- **Rise in Inventory Eclipsing 10,000 Homes**
- **Demand (Recent Pending Sales) Down Slightly YOY**

My 2022 Forecast



- **Appreciation in 2022, up 8% to 10%**
- **Luxury Continues to Soar, But Slightly Muted Compared to 2021 as Year Progresses.**
- **Continued Increase in Move-Up Sellers**

My 2022 Forecast



- **Closed Sales Down 3% to 6%**
- **Buyers = Motivated By Low Rates, But Not as Willing to Stretch.**
- **Interest rates between 2.75% to 3.5%**

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Q&A





That's all Folks!