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## Are Rates Doomed to Continue Higher?

After a calm summer at historic lows, interest rate volatility has ramped up heading into the fall. What are rates worried about, and is this just the beginning of more drama?

In a word: maybe!
Because they're based on bonds, rates are always worried about anything that can have a big impact on the supply/demand equation in the bond market.

Since March 2020, virtually any major supply/demand consideration can be traced back to the pandemic in some way. In general, as covid case counts drop, the higher the outlook is for rates, and vice versa.

## National Average Mortgage Rates



## Mortgage News Daily

| 30 Yr. Fixed | 6.89\% | 0.00 | 0.00 |
| :---: | :---: | :---: | :---: |
| 15 Yr . Fixed | 6.33\% | +0.01 | 0.00 |
| 30 Yr . FHA | 6.33\% | +0.01 | 0.00 |
| 30 Yr. Jumbo | 7.05\% | 0.00 | 0.00 |
| 5/1 ARM | 6.58\% | 0.00 | 0.00 |
| Freddie Mac |  |  |  |
| 30 Yr. Fixed | 6.77\% | -0.09 | 0.00 |
| 15 Yr . Fixed | 6.05\% | -0.11 | 0.00 |
| Rates as of: $7 / 22$ |  |  |  |

## Market Data

|  | Price / Yield | Change |
| :--- | ---: | ---: |
| MBS UMBS 5.5 | 99.39 | -0.01 |
| MBS GNMA 5.5 | 99.78 | +0.00 |
| 10 YR Treasury | 4.2452 | -0.0073 |
| 30 YR Treasury | 4.4631 | -0.0094 |

Pricing as of: 7/22 9:04PM EST

## Recent Housing Data

|  |  | Value | Change |
| :--- | ---: | ---: | ---: |
| Mortgage Apps | Jul 10 | 206.1 | $-0.19 \%$ |
| Building Permits | Mar | 1.46 M | $-3.95 \%$ |
| Housing Starts | Mar | 1.32 M | $-13.15 \%$ |
| New Home Sales | Mar | 693 K | $+4.68 \%$ |
| Pending Home Sales | Feb | 75.6 | $+1.75 \%$ |
| Existing Home Sales | Feb | 3.97 M | $-0.75 \%$ |
| Builder Confidence | Mar | 51 | $+6.25 \%$ |



Rates have other concerns too.
Inflation is a constant consideration for bonds/rates because bonds are repaid on a fixed schedule that cannot adjust for inflation over time. If investors think inflation will move higher, they would demand higher and higher rates before buying bonds (in order to offset the loss of purchasing power due to higher inflation).

This can be a bit of an esoteric concept at first glance, but consider this simple example. If the price of "everything" is increasing at 4\% annually, would you purchase a bond that only pays you 3\% annually? Not if you had other investment options! Your lack of demand would contribute to bond sellers gradually lowering their prices (which, in the bond market, is the same thing as offering higher rates of return).

It just so happens that inflation is one of the most obvious places where covid has made a mess of things. The following chart shows one of the main inflation indices in the US (CPI). After the most recent update earlier this week, it remains reluctant to descend.


We've all heard about supply chain drama and we've seen the debate about how permanent some of the price increases are likely to be. Markets debate that in their own way by trading different versions of US Treasuries that factor out future inflation fluctuations.

In other words, there's a free market to bet on how inflation will actually pan out. This is viewed as one of the more reliable inflation indicators, and it's definitely the most timely (big data reports are just now coming out for September while the market-based numbers are moving every minute of every day).

So how have they been moving? In a nutshell, inflation expectations (the orange line below) came off their highs in May and had been flat until just a few weeks ago. Since then, they've moved back up, ultimately matching long-term highs right at the end of the week.

## US Housing Market Weekly



In the chart above, note that $10 y r$ Treasury yields are not yet back to their recent highs. That means "real" rates (those that factor out the inflation) will be lower, but how much lower? The answer is a bit surprising and it's seen in the green line in the following chart (the orange line from the previous chart is also included for reference).


And here's the bigger-picture context, with $10 y r$ yields in blue, inflation expectations in orange, and the difference between the two (inflation-protected yield) in green. Note: the green line dips below zero when the blue line dips below the orange line.


Translation: if it weren't for the inflation surge, rates would be very close to all-time lows. For those of you thinking three steps ahead: yes, there is a bit of an interdependency here because higher inflation is seen as a brake on the economy (and economic strength pushes rates higher), but the point is that rates would certainly be a bit lower than they are now.

There is hope and caution here. On one hand, we could hope to see inflation subside, thus allowing rates to calm down. On the other hand, there are times where inflation is falling while rates are rising. The middle of 2013 was a relevant example.


Why was 2013 relevant? That's the last time the Federal Reserve indicated it would begin reducing the pace of its massive bond buying program (i.e. "tapering"). If you've heard of the "taper tantrum," that was ground zero.

The Fed will begin to taper its current bond buying efforts shortly and they'll almost certainly announce that in November. Does that mean rates are doomed by yet another fate? Yes and no. We'll examine this in greater detail next time, but here's a sneak preview.

The following chart shows the Fed's 3 major stints of bond buying in the past (officially "quantitative easing" or "QE"). It's common practice to credit Fed bond buying for ultra low rates--so common that people are invariably shocked when they see that rates actually rise fairly reliably during the time that the Fed is buying, and that they begin falling even more reliably after the Fed is done buying.


Of course the current environment may not play by the same rules, but if it does, the best thing that could happen for rates would be for the Fed to taper quickly and completely.

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## US Housing Market Weekly

## Update: Buyer Broker Agreement

After requests from real estate companies, a nonprofit consumer watchdog group the Consumer Federation of America has developed a list of factors to consider when creating a buyer contract in preparation for upcoming practice changes in the industry.

CFA released its "Proposed Criteria for Evaluating Home Buyer Contract Forms" on Tuesday. The 15 criteria focus on the contracts' form - whether the documents are readable and understandable - and content - whether they are fair to homebuyers.
-the document's expiration date (CFA recommends buyers asks for a three-month contract and never sign one longer than six months)
-the right to terminate the contract
-the disclosure that compensation is negotiable
-the broker's compensation clearly stated and that the buyer broker can't receive additional compensation for facilitating a sale
-that any additional fees, such as for showing a home, will be deducted from the broker's commission if there is a successful sale
-that the commission is due only if there is a successful closing
-that buyers have an obligation - for no longer than 60 days, CFA recommends - to pay a broker who earlier showed them a home they purchased after the contract ended
-seller concessions paid directly to buyers
-dual agency not pre-approved by the contract
-an explanation of how a broker treats different buyer clients interested in the same property
-that buyers should not be required to first go through mediation or arbitration if they have a complaint

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