Financial Market Weekly

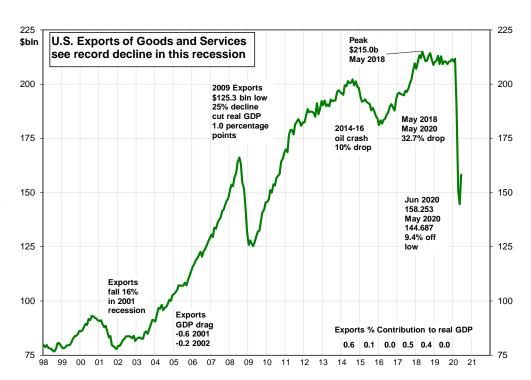
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21 AUGUST 2020

DEMAND RETURNS TO THE ECONOMY, WHAT ABOUT AMERICA'S TRADE WITH THE WORLD?

The economy's recovery from recession is looking Vshaped for some indicators like retail sales, residential housing construction, and existing home sales. America's trade balance is harder to read, but the exports side is important for economic growth and manufacturing production and factory jobs. Much of America's factory output of goods is exported. President Trump shifted his focus back to the trade war



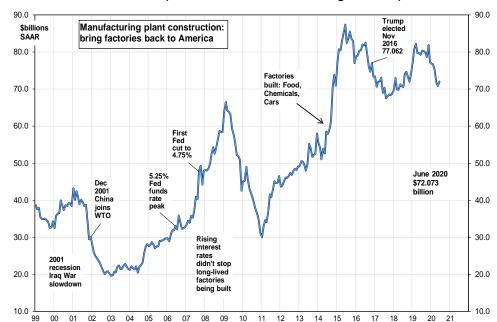
this week. The one where he says the country has been ripped off by its trading partners for years. Trump said in a speech in Minnesota on Monday that "we will create tax credits for companies that bring jobs from China back to America, and we'll impose tariffs on companies that leave America to produce jobs overseas." What about companies who shifted jobs offshore years ago and won't move them back?

Exports have experienced four major declines over the last two decades. Exports fell 16% in the 2001 recession and dragged growth down by 0.6 percentage point that year. Exports tumbled 25% in the Great Recession and dragged GDP growth down by one percentage point. Exports dropped 10% during the 2014-16 oil crash slowdown and exports added nothing to growth in 2016.



Exports peaked in May 2018 during the escalation of America's trade war with China before tumbling during the pandemic as much 32.7% before rebounding from the May 2020 low point. Exports mirror the sideways trend and then sharp drop in the manufacturing sector as shown in the Fed's industrial production series which illustrates the close relationship between manufacturing and exports.

Purchasing managers at U.S. manufacturing firms saying the exports picture is improving which would be remarkable if true given the latest IMF forecasts in June for the growth of America's ten largest trading partners around the world. For 2020, Canada down 8.4%, Mexico down 10.5%, and Germany's GDP falls 7.8%, to take just a few. Only China is up... 1.0%.



Bringing the jobs back from overseas is easier said than done. Trade is down worldwide, but the table here shows how factory jobs may leave China, but many simply go to other low cost producers. In the first six months this year versus the first half of 2019, U.S. imports of goods from China are down while Vietnam imports are up 8.5%, Taiwan imports up 6.4%, Malaysia imports have increased 8.0%, Thailand imports rose 10.2% and newcomer Indonesia's imports are up 1.0%. The flows are not one-to-one as the five countries where imports rose total \$7.5 billion against the 17.1% decline in U.S. imports from China which totals \$37.5 billion.

America isn't building significantly more factories yet. Manufacturing plant construction was \$77.062 billion (annual rate) when Trump was elected in November 2016 and it is \$72.073 billion today. The last major surge in manufacturing facilities built was around 2015 which was mostly chemicals, cars, and some food factories.

| U.S. Ten Biggest Export Trade Partners 2020 Jan-June |
|--|
| 687.1 Grand Total (\$billion) |
| 119.0 Canada |
| 99.0 Mexico |
| 49.5 China |
| 33.2 Japan |
| 29.7 United Kingdom |
| 27.6 Germany |
| 26.3 South Korea |
| 22.8 Netherlands |
| 15.2 Taiwan |
| 14.8 France |

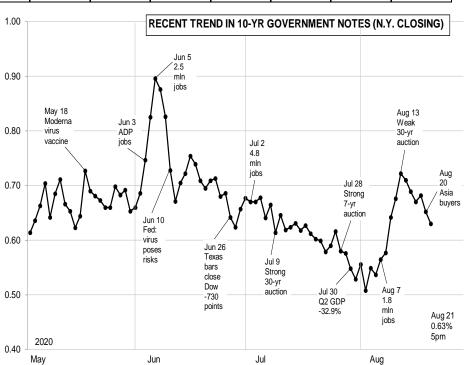
| Factories Leave China and Go Somewhere Else | | | | | | | | | | |
|---|---------|----------|----------|-----------|-----------|--|--|--|--|--|
| US Imports | 2019-20 | 2020 | 2019 | Full Year | Full Year | | | | | |
| \$bln | % Chg | Jan-June | Jan-June | 2019 | 2018 | | | | | |
| China | -17.1 | 181.207 | 218.668 | 451.651 | 539.243 | | | | | |
| Japan | -21.9 | 56.961 | 72.887 | 143.565 | 142.241 | | | | | |
| South Korea | -6.6 | 36.595 | 39.183 | 77.470 | 74.244 | | | | | |
| Vietnam | 8.5 | 33.027 | 30.441 | 66.629 | 49.158 | | | | | |
| Taiwan | 6.4 | 27.671 | 25.995 | 54.253 | 45.732 | | | | | |
| Malaysia | 8.0 | 19.933 | 18.450 | 40.566 | 39.353 | | | | | |
| Thailand | 10.2 | 17.585 | 15.953 | 33.447 | 31.862 | | | | | |
| Indonesia | 1.0 | 10.030 | 9.929 | 20.147 | 20.828 | | | | | |



MARKETS OUTLOOK

| | 28-Jun | 30-Sep | 31-Dec | 31-Mar | 30-Jun | Q3 | Q4 | Q1 | Q2 | Q3 |
|----------------|--------|--------|--------|--------|--------|------|------|------|------|------|
| | 2019 | 2019 | 2019 | 2020 | 2020 | 2020 | 2020 | 2021 | 2021 | 2021 |
| 30-Yr Treasury | 2.53 | 2.11 | 2.39 | 1.32 | 1.41 | 1.40 | 1.40 | 1.50 | 1.60 | 1.70 |
| 10-Yr Note | 2.01 | 1.67 | 1.92 | 0.67 | 0.66 | 0.70 | 0.70 | 0.80 | 0.90 | 1.00 |
| 5-Yr Note | 1.77 | 1.55 | 1.69 | 0.38 | 0.29 | 0.30 | 0.30 | 0.40 | 0.50 | 0.60 |
| 2-Yr Note | 1.76 | 1.62 | 1.57 | 0.25 | 0.15 | 0.20 | 0.20 | 0.20 | 0.30 | 0.30 |
| 3-month Libor | 2.32 | 2.09 | 1.90 | 1.45 | 0.30 | 0.30 | 0.30 | 0.20 | 0.20 | 0.20 |
| Fed Funds Rate | 2.50 | 2.00 | 1.75 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| 2s/10s spread | 25 | 5 | 35 | 42 | 51 | 50 | 50 | 60 | 60 | 70 |

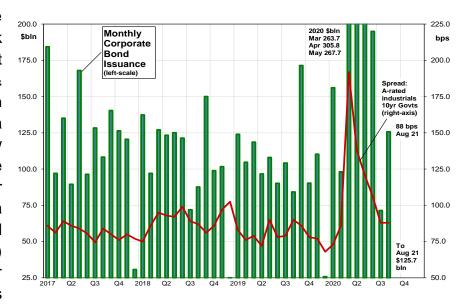
Another month another failed yield rally. The stock market is clearly in a bubble, home prices not far behind, but the Fed is AWOL and won't raise interest rates with double-diait unemployment. What a dilemma. 10-yr year yields closed at 0.63% this week versus 0.71% last **Yields** dropped week. from 0.68% to 0.65% on Thursday and then fell another 2 basis points Friday. Of course, bond yields were higher at 0.68% on Thursday after stocks and bonds sold off on Wednesday as the Fed meeting minutes were not



dovish enough with no sign that more easing is coming. Bond yields came back down early Thursday in the Asia session and were already 0.64% before the jump in unemployment claims at 830am ET.

CORPORATES: INTERCONTINENTAL EXCHANGE, ROPER TECH, GM, DOW

Corporate bond offerings \$33.9 billion in the August 21 week versus \$51.5 billion in the August 14 week. On Thursday, Johnson & Johnson sold \$7.5 billion 5s/7s/10s/20s/30s/40s. It priced a \$1.75 billion 1.3% 10-yr (m-w +10bp) at 65 bps (Aaa/AAA). The company will use the proceeds for its acquisition of Momenta Pharmaceuticals. Corporate bond yields (10-yr Industrials rated A2) were 88 bps above 10-yr Treasuries Friday versus 84 bps last week.





FEDERAL RESERVE POLICY

The Fed meets September 15-16, 2020 to consider its monetary policy. If you want to look ahead, next week is the famous Jackson Hole Economic Policy Symposium with this year's theme of "Navigating the Decade Ahead: Implications for Monetary Policy." Powell will give remarks on "Monetary Policy Framework Review" at 910am ET on Thursday, August 27. If you want to focus on the past, you can look at the July 28-29 FOMC meeting minutes released on Wednesday this week at 2pm ET. According to financial news reports, the stock market apparently did look back at the past and did look at the Fed minutes, which is rare as stock investors are usually more focused on the future, looking ahead for the sharply higher corporate earnings that must surely lie right around the corner next year. Or maybe they are just PDCF: Primary Dealer Credit Facility: o/n and term funding with maturities to 90 days CCF: Corporate credit facility: Primary market (PMCCF) and Secondary Market (SMCCF)

| Selected Fed assets and Fed H.4.1 statistical release | | | | | Sep 10 2008** |
|---|-----------------|--------------|----------|----------|------------------|
| billions, Wednesday data | 19-Aug | 12-Aug | 5-Aug | 29-Jul | pre-LEH |
| Factors adding reserves | Ü | J | J | | • |
| U.S. Treasury securities | 4345.544 | 4320.093 | 4305.651 | 4293.563 | 479.782 |
| Federal agency debt securities | 2.347 | 2.347 | 2.347 | 2.347 | 0.000 |
| Mortgage-backed securities (MBS) | 1977.897 | 1933.548 | 1933.466 | 1933.380 | 0.000 |
| Repurchase agreements | 0.000 | 0.000 | 0.000 | 0.000 | 126.750 |
| Primary credit (Discount Window) | 2.818 | 2.690 | 2.809 | 3.611 | 23.455 |
| MMLF | 10.839 | 11.484 | 12.253 | 14.273 | |
| PDCF | 0.693 | 0.693 | 1.163 | 1.788 | |
| Commerical Paper Funding Facility | 8.588 | 8.603 | 8.646 | 8.900 | |
| Paycheck Protection Facility | 67.800 | 68.177 | 67.820 | 70.816 | |
| Corporate Credit Facility (CCF) | 44.480 | 44.413 | 44.351 | 44.210 | |
| Municipal Liquidity Facility | 16.089 | 16.088 | 16.087 | 16.086 | |
| Main Street Lending Program | 37.983 | 37.734 | 37.601 | 37.588 | |
| Term Asset-Backed Facility (TALF II) | 10.771 | 10.124 | 10.123 | 9.439 | |
| Central bank liquidity swaps | 95.780 | 99.782 | 105.663 | 117.473 | 62.000 |
| Federal Reserve Assets | 7059.3 | 7005.9 | 6993.9 | 6997.0 | 961.7 |
| 3-month Libor % | 0.25 | 0.26 | 0.24 | 0.26 | 2.82 |
| Factors draining reserves | | | | | |
| Currency in circulation | 2009.715 | 2006.288 | 2000.875 | 1992.869 | 834.477 |
| Term Deposit Facility | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Treasury credit facilities contribution | 114.000 | 114.000 | 114.000 | 114.000 | |
| Reverse repurchases w/others | 0.112 | 0.103 | 0.000 | 0.001 | 0.000 |
| Reserve Balances (Net Liquidity) | 2821.849 | 2828.170 | 2753.531 | 2685.376 | 24.964 |
| Treasuries within 15 days | 62.806 | 116.715 | 119.829 | 75.015 | 14.955 |
| Treasuries 16 to 90 days | 237.795 | 222.451 | 208.908 | 256.470 | 31.549 |
| Treasuries 91 days to 1 year | 664.486 | 632.529 | 642.929 | 644.020 | 69.272 |
| Treasuries over 1-yr to 5 years | 1647.558 | 1642.529 | 1639.244 | 1627.218 | 170.807 |
| Treasuries over 5-yrs to 10 years | 762.621 | 754.625 | 745.463 | 746.156 | 91.863 |
| Treasuries over 10-years | 970.278 | 951.244 | 949.280 | 944.684 | 101.337 |
| **September 10, 2008 is pre-Lehman b | oankruptcy o | f 9-15-08 | | | |
| MMLF: Money Market Mutual Fund Liq from money market funds | uidity Facility | y: loans sec | • | | oy banks |

interested in buying Microsoft, Alphabet, Amazon, Apple, and Facebook right now. The minutes should be less important now that the Fed Chair gives a one-hour press conference after each and every meeting. Sometimes there is some news in the minutes that affects the market however. The stock market didn't seem to like the FOMC minutes this week as it dropped right at 2pm on Wednesday.

As far as the contents of the minutes, there was a passage where Fed officials ruled out interest rate caps for now and perhaps this sent bond yields up all of 2-3 basis points higher to the 0.69% high of the day on Wednesday. It was odd that the minutes said, "a majority of participants commented on yield caps and targets," which makes one wonder if the others simply didn't care enough to comment. Anyway, it is common sense that in the current low yield environment, and with the Fed buying almost \$1 trillion government securities a year, that a yield caps and target policy would only have a "modest benefit." They also discussed "the current stance of monetary policy and the circumstances under which they might increase monetary policy accommodation or clarify their intentions regarding policy." "Several participants" apparently wanted more accommodation right now. Not sure if that meant buying more than the current \$80 billion per month of Treasuries.

| U.S. Treasury New Cash Needs and Fed Treasury Purchases (QE) Monthly Changes (\$ billions) Fiscal Year (FY) Ending September 2020 | | | | | | | | | | | Total | |
|---|---|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|---------|
| | Oct Nov Dec Jan Feb Mar Apr May Jun Jul A | | | | | | | | | | | FY 2020 |
| Fed QE | 67.808 | 73.007 | 80.364 | 80.246 | 64.952 | 504.312 | 993.047 | 138.093 | 87.892 | 96.159 | 51.981 | 2,237.9 |
| New Cash | 166.8 | 112.5 | 50.9 | 38.5 | 199.8 | 238.7 | 1368.6 | 699.2 | 685.2 | 102.2 | 175.6 | 3,838.0 |
| Bills | 79.1 | 59.0 | -98.2 | -12.5 | 160.3 | 92.8 | 1344.3 | 628.2 | 449.7 | -0.7 | -2.2 | 2,699.8 |
| Coupons | ons 87.6 53.4 149.2 51.1 39.5 145.8 24.2 71.0 235.5 102.9 177.6 | | | | | | | | | 1,137.8 | | |
| Federal Reserve's 11 Lending Facilities (month-end outstanding) | | | | | | | 94.641 | 136.343 | 204.607 | 203.100 | 197.243 | |
| Central bank liquidity swaps (month-end outstanding) 0.044 | | | | | | 206.051 | 438.953 | 448.946 | 274.963 | 117.473 | 95.780 | |

OTHER ECONOMIC NEWS THIS WEEK

Housing construction says the economy is out of recession (Tuesday)

Breaking economy news. Housing starts jumped 22.6% in July to 1.496 million at an annual rate and are working hard on erasing the sharp drop seen during the pandemic recession where homebuilding reached the low of 934 thousand in April at the worst point during the first full month of the coronavirus lockdown of America. Rentals are booming as well as multi-family construction with 5 units or more units was up 56.7% to 547 thousand in July. Single-family construction rose 8.2% in July to 940 thousand at an annual rate. Today's residential housing construction data are telling us that the economy is out of recession.

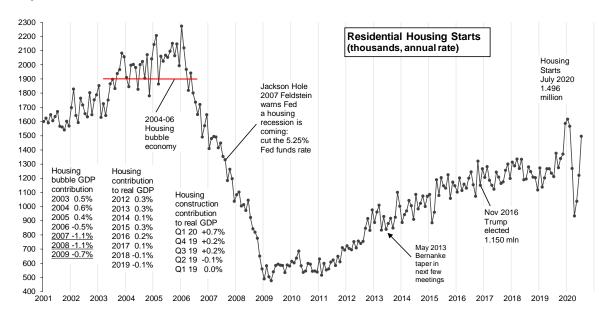
Regionally, it looks like it is true that the pandemic stresses have many fleeing the cities for the suburbs. We don't know where they found the land, but home builders in the Northeast started on the construction of 74 thousand new single-family homes in July which is the highest construction activity in the last year not counting 76 thousand last month in June. Nowhere else in the country has seen such a pop in single-family home construction. Only the West however is seeing construction that is significantly short of where building was at the start of the year before the pandemic hit and this may reflect the second wave spread of the virus to many states in the region starting in mid-June and

continuing well through July.

Net, net, one of the economy's most important leading indicators is telling us that not only is the pandemic recession over, the economic outlook is actually growing brighter by the day. New home construction is

| Housin | Housing Starts Total, Single-Family, Multi-Family | | | | | | | | | | | | |
|---------------|---|--------|-------|-------------------|--------|-------|--------|-------|--------|-------|--------|--|--|
| United States | | | | Northeast Midwest | | | west | So | uth | West | | | |
| 000s | Total | 1 unit | Multi | Total | 1 unit | Total | 1 unit | Total | 1 unit | Total | 1 unit | | |
| Jul 20 | 1496 | 940 | 547 | 157 | 74 | 201 | 132 | 830 | 528 | 308 | 206 | | |
| Jun 20 | 1220 | 869 | 349 | 116 | 76 | 190 | 133 | 623 | 466 | 291 | 194 | | |
| Jul 19 | 1212 | 875 | 326 | 96 | 60 | 174 | 124 | 624 | 470 | 318 | 221 | | |
| % Chgs | | | | | | | | | | | | | |
| Jul/Jun | 22.6 | 8.2 | | 35.3 | -2.6 | 5.8 | -0.8 | 33.2 | 13.3 | 5.8 | 6.2 | | |
| Jul/Jul | 23.4 | 7.4 | | 63.5 | 23.3 | 15.5 | 6.5 | 33.0 | 12.3 | -3.1 | -6.8 | | |

literally bursting at the seams and builder confidence is the highest in decades. Rock-bottom low mortgage rates are one of the key ingredients of this resurgence in residential housing construction showing that the Federal Reserve stimulus is working its magic on the interest rate sensitive areas of the economy. This recession is over. Bet on it. Homebuilders are.





A million-plus join the unemployment rolls (Thursday)

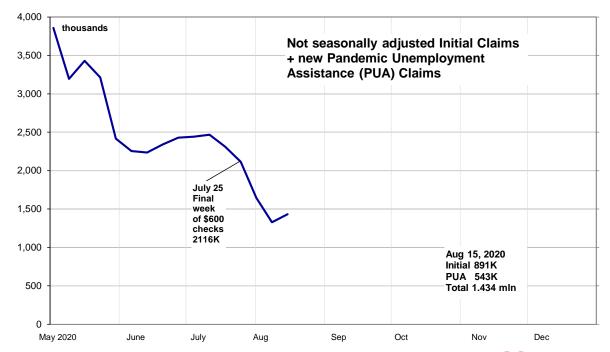
Breaking economy news. Initial unemployment claims jumped 135 thousand to 1.106 million in the August 15 week. It looks like the economy has experienced a dead cat bounce and now that the \$600 weekly unemployment checks have gone away, growth has run into a wall and business conditions are stalling out once again. This economy doesn't have enough fuel to make it on its own without the support of the Federal government. We were hoping that this would be one of the shortest recessions in history at just a couple of quarters long. But today's elevated level of workers still being made redundant hints that the job losses may be spreading from low-wage service industry workers to white collar and professional workers. GDP growth may be 25 or 30 percent in the third quarter but it seems to have hit a wall in August which calls into question those forecasts looking for growth at all in the fourth quarter.

Net, net, new jobless filings are rising again which means the economy isn't out of the woods yet with many businesses across the country still in full or partial shutdown and unable to pay all their employees or make the mortgage rent and keep the lights on. The stock market rally on investor confidence that the worst of the recession is behind us may be premature.

Congress has pulled its support from jobless workers at the wrong time and cash registers aren't going to be ringing as loudly when store sales even at big box retailers are reported for August.

The president's new plan for \$300 weekly unemployment checks is getting off the ground very slowly with many states confused about the need to reprogram their computers when there is only a limited amount of diverted FEMA disaster funds to pay out to jobless workers.

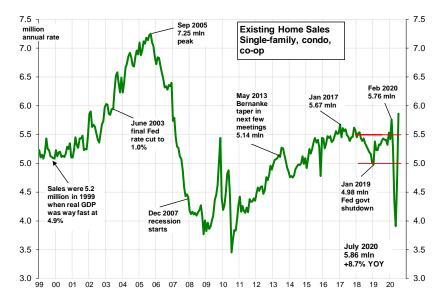
Stay tuned. We can't even be sure this recovery is sustainable as the economy got a huge boost from consumers' wallets lined with \$500 billion of stimulus from Washington from those \$1,200 and \$600 checks. That money is gone and with it the prospects for a lasting economic recovery where everyone on Main Street benefits. At the moment, only stock market investors are riding high as the Federal Reserve's money printing benefits Wall Street more than Main Street.





Home prices soar as city dwellers flee for suburbs and mortgage rates tumble (Friday)

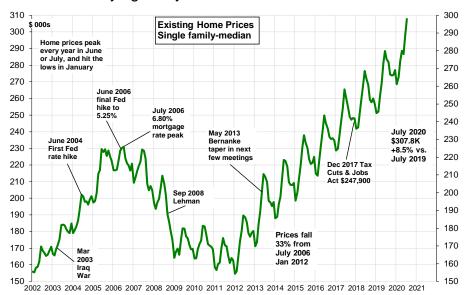
Breaking economy news. Blame it on pent-up demand from home buyers cooped during the pandemic up lockdown or maybe on the Federal Reserve's easy money policy creating wealth for many Americans by fueling a stock market bubble, but there is one heck of a gold rush going on in the housing markets right now. The biggest recession since the Great Depression was supposed to lead to a crash in the housing market, but instead it is creating a new housing bubble with existing home sales and prices soaring.



Existing home sales jumped 24.7 percent to 5.86 million in July which is a new record high since the last housing bubble peak in activity back in the mid-2000s. Single-family home prices jumped a second month in a row this summer with median prices nationwide of \$307,800 and are 8.5 percent higher than last year. The rock-bottom lows in mortgage rates has set off a feeding frenzy among stay-at-home buyers who have been let out finally as the pandemic's spread has lessened.

Stay at home means you need to buy a home first and that's what thousands and thousands of home buyers are doing. It's not just shell-shocked city dwellers moving out of course as home prices are jumping nationwide. Out in the West single-family home prices are up 11.8% from a year ago, and on the same basis, homes in the South are up 9.9%, the Midwest is up 8.0%, and the Northeast is rising 3.8%. Better buy your new home today or you are going to be shut out of the market permanently is what the existing home sales and prices data are saying today.

Net, net, this doesn't look like any recession we have ever seen if you look at soaring home sales and prices. While delinquency rates on mortgages are jumping due the huge numbers of jobless workers without paychecks, other workers with jobs, plenty of cash, and record-low mortgage rates, are sending home prices soaring through the roof. The differences in income inequality and the range between the haves and the have nots in society have never been so



great with wealthier Americans buying every house on the block with a for-sale sign out in front of it across the country while others losing their \$600 unemployment checks are wondering where they are going to live tonight. Stay tuned. Story developing. A bubble in the stock market begets a bubble in the housing market. Bet on it.

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