Week in Review





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UPCOMING EVENTS

Banks -

Seminar:

Bismarck, ND Jul 25, 2023

Springfield, IL Aug 7, 2023

Stevens Point, WI Aug 29, 2023

Oklahoma City, OK Oct 18-20, 2023

· Credit Unions ·

CU Seminar:

Philadelphia, PA Sep 27, 2023

> Dallas, TX Nov 9, 2023

CU School:

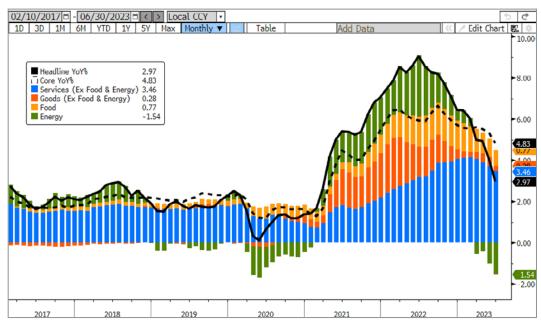
CU ALM School Aug 23-24, 2023

Bank & Credit Unions -

ALM School Aug 8-9, 2023 On the heels of last week's strong-jobs-numbers-induced selloff, rates markets were looking for some evidence of disinflation this week to counter the strength of the labor market...and they got it. The US inflation rate, as measured by the Consumer Price Index (CPI), fell to a more than two-year low in June. At +3.0% (vs. +3.1% consensus), CPI is now less than a third of the four decade high it hit this time last year (+9.1%).

The details of the report were also better than expected with several key measures of underlying inflation coming in below forecasts. Core CPI, which excludes food and energy, rose just +4.8% from a year ago vs. estimates of +5.0%. Super Core CPI, which is services less housing, is of particular interest to the Fed and it fell to +4.0%, the lowest level since December 2021. The owners' equivalent rent component, which has been stubbornly high, also showed the smallest increase since the end of 2021, suggesting the housing slowdown is finally beginning to feed into inflation.

The one downside of the June reading is it is the last month that will benefit from the "base effect". By definition, year-on-year change in CPI depends on the value of the CPI 12 months earlier. June 2022 was the peak in inflation so starting next month, the YoY comparison will begin to include lower rates of inflation.



Source: Bloomberg, L.P.

(Continued)

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Source: Bloomberg, L.P.

Thursday's Producer Price Index (PPI) brought us another better-than-expected inflation report. PPI final demand rose just +0.1% YoY vs. estimates of +0.4%, the smallest annual increase since August 2020 and very close to deflation territory. PPI is a family of indexes that measures the average change in selling prices received by producers of goods and services so it tends to be a good leading indicator for the trajectory of consumer prices.

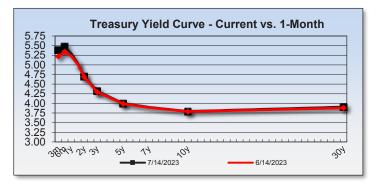
Fueled by signs of ebbing inflation, rates sharply recoiled over the course of the week. The two- and 10-year Treasury yields fell back well below their 5% and 4% thresholds. As of this morning, the 2-year UST was down 23bps to 4.7% and the 10-year UST was down 27bps to 3.8%. No one can claim with certainty that the inflation fight is all behind us but markets clearly believe that policy tightening is in its last lap. The Fed is widely expected to rachet rates up another 25bps later this month and futures are 96% confident in that outcome. However, the prevailing sense in futures markets now is that that a July 26th hike to 5.5% could be the last in a while. CME's FedWatch tool is showing less than a quarter of a percent chance that we end the year above there.

Next week will be a test of resolve to see if markets can maintain their optimism and the data can support it. Focus will be on Retail Sales and a slew of housing related releases as well as any comments from Fed speakers who are largely staying on message about two more rate hikes coming, despite what markets think.

Week in Review



July 14, 2023









4.50

| Treasury Market Historical | | | | Fixed Rate Market | | | | | | | | | | | | |
|----------------------------|---------|--------|------|-------------------|------|------|--------|------|---------------------|---------------------|------|------|------------------|--------|----------------|-------|
| Maty | Current | 1Wk | | Historical | 1 | Maty | N-Call | US | AAA B | Q Muni | Tax | | | Agency | Calls - Eu | ro |
| Maty | Current | Change | 1 Mo | 6 Mo | 1 Yr | /AL | Agency | Swap | C-Corp ² | S-Corp ³ | Muni | Mty | 3Мо | 6mo | 1Yr | 2Yr |
| 3mo | 5.38 | 0.01 | 5.24 | 4.60 | 2.35 | 2yr | 4.79 | 5.10 | 4.06 | 4.32 | 4.70 | 2Yr | 5.50 | 5.50 | 5.50 | - |
| 6mo | 5.47 | (0.00) | 5.35 | 4.78 | 2.86 | 3yr | 4.40 | 4.68 | 3.88 | 4.13 | 4.55 | 3Yr | 5.11 | 5.12 | 5.10 | 5.11 |
| 1yr | 5.29 | (0.12) | 5.24 | 4.68 | 3.13 | 5yr | 4.09 | 4.22 | 3.64 | 3.87 | 4.24 | 5Yr | 4.88 | 4.88 | 4.87 | 4.81 |
| 2yr | 4.70 | (0.25) | 4.69 | 4.24 | 3.14 | 7yr | 4.08 | 4.01 | 3.57 | 3.80 | 4.38 | 7Yr | 4.79 | 4.81 | 4.80 | 4.73 |
| 3yr | 4.31 | (0.35) | 4.29 | 3.90 | 3.11 | 10yr | 4.09 | 3.86 | 3.63 | 3.86 | 4.36 | 10Yr | 4.73 | 4.79 | 4.78 | 4.72 |
| 5yr | 4.00 | (0.36) | 3.99 | 3.61 | 3.07 | 15yr | 4.10 | 3.79 | 4.33 | 4.60 | 4.56 | | August TBA MBS | | | |
| 7yr | 3.90 | (0.33) | 3.90 | 3.56 | 3.05 | 20yr | 4.12 | 3.72 | 4.61 | 4.90 | 4.93 | Cpn | 15 Y r -Y | ld/AL | 30Yr -Y | ld/AL |
| 10yr | 3.79 | (0.27) | 3.79 | 3.51 | 2.96 | 25yr | 4.14 | 3.60 | 4.76 | 5.07 | 4.99 | 2.50 | 5.14 | 5.5y | 4.59 | |
| 30yr | 3.91 | (0.14) | 3.88 | 3.61 | 3.11 | 30yr | | 3.48 | 4.91 | 5.23 | 5.04 | 3.00 | 5.13 | 5.6y | | |
| * Interpola | ted | | | | | | | | | | | 3.50 | 4.89 | 5.6y | 4.90 | 10.3y |
| _ | | | | | | | | | | | | 4.00 | 4.81 | 5.5y | 4.97 | 9.9y |

| Key Warket Hidlees | | | | | | | | | |
|--------------------|---------|--------|------------|-------|-------|--|--|--|--|
| | | 1Wk | Historical | | | | | | |
| Index | Current | Change | 1 Mo | 6 Mo | 1 Yr | | | | |
| Fed Funds | 5.25 | | 5.25 | 4.50 | 1.75 | | | | |
| Primary Discount | 5.25 | | 5.25 | 4.50 | 1.75 | | | | |
| 2ndary Discount | 5.75 | | 5.75 | 5.00 | 2.25 | | | | |
| Prime Rate | 8.25 | | 8.25 | 7.50 | 4.75 | | | | |
| Sec. O.N. Finance | 5.06 | | 5.05 | 4.30 | | | | | |
| 1 Month LIBOR | 5.32 | 0.06 | 5.22 | 4.46 | 1.97 | | | | |
| 3 Month LIBOR | 5.57 | 0.03 | 5.56 | 4.83 | 2.48 | | | | |
| 6 Month LIBOR | 5.84 | 0.03 | 5.64 | 5.13 | 3.06 | | | | |
| 1 Year LIBOR | 6.04 | 0.12 | 5.73 | 5.48 | 3.62 | | | | |
| 6 Month CD | 5.68 | (0.09) | 5.52 | 4.97 | 3.50 | | | | |
| 1 Year CMT | 5.27 | (0.17) | 5.26 | 4.69 | 3.21 | | | | |
| REPO O/N | 5.13 | | 5.10 | 4.34 | 1.54 | | | | |
| REPO 1Wk | 5.14 | 0.00 | 5.11 | 4.45 | 1.68 | | | | |
| CoF Federal | 3.460 | | 3.302 | 2.568 | 1.096 | | | | |
| 11th D. CoF (Dec) | 0.223 | | 0.218 | 0.282 | 0.460 | | | | |

Key Market Indices

| Maturity | Chicago | Boston | Topeka | |
|----------|---------|--------|--------|--|
| 3mo | 5.50 | 5.58 | 5.54 | |
| 6mo | 5.60 | 5.63 | 5.65 | |
| 1yr | 5.40 | 5.45 | 5.60 | |
| 2yr | 4.79 | 5.35 | 4.96 | |
| 3yr | 4.46 | 4.96 | 4.58 | |
| 4yr | 4.32 | 4.74 | 4.45 | |
| 5yr | 4.14 | 4.48 | 4.23 | |
| 7yr | 4.29 | 4.54 | 4.38 | |
| 10yr | 4.38 | 4.62 | 4.47 | |
| 5yr Am | 4.15 | | 4.60 | |
| 10yr Am | 4.21 | | 4.54 | |

| | Fed Fund Futures | | | | | |
|---|------------------|-------|--|--|--|--|
| | Maturity | Rate | | | | |
| | Jul-23 | 5.110 | | | | |
| | Aug-23 | 5.300 | | | | |
| | Sep-23 | 5.310 | | | | |
| | Oct-23 | 5.330 | | | | |
| ١ | Nov-23 | 5.380 | | | | |
| ١ | Dec-23 | 5.340 | | | | |
| ١ | Jan-24 | 5.315 | | | | |
| ١ | Feb-24 | 5.190 | | | | |
| ١ | Mar-24 | 5.125 | | | | |
| ١ | Apr-24 | 5.000 | | | | |
| | May-24 | 4.800 | | | | |

5.09

5.29

9.5y

8.6y

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Week in Review



July 14, 2023

| | Weekly Economic Calendar | | | | | | | | | |
|------------------|-------------------------------------|-------|-----------|-----------|-------------------|-----------|--|--|--|--|
| This Week & Next | | | | | | | | | | |
| Date | Release | Per. | Est. | Actual | Prior | Revised | | | | |
| 7/10 | Wholesale Inventories MoM | May F | -0.1% | 0.0% | -0.1% | | | | | |
| 7/10 | Wholesale Trade Sales MoM | May | 0.3% | -0.2% | 0.2% | 0.0% | | | | |
| 7/10 | Consumer Credit | May | \$20.000b | \$7.240b | \$23.010b | \$20.323b | | | | |
| 7/11 | NFIB Small Business Optimism | Jun | 89.9 | 91.0 | 89.4 | | | | | |
| 7/12 | MBA Mortgage Applications | 7/7 | | 0.9% | -4.4% | | | | | |
| 7/12 | CPI MoM | Jun | 0.3% | 0.2% | 0.1% | | | | | |
| 7/12 | CPI Ex Food and Energy MoM | Jun | 0.3% | 0.2% | 0.4% | | | | | |
| 7/12 | СРІ УоУ | Jun | 3.1% | 3.0% | 4.0% | | | | | |
| 7/12 | CPI Ex Food and Energy YoY | Jun | 5.0% | 4.8% | 5.3% | | | | | |
| 7/12 | CPI Index NSA | Jun | 305.29 | 305.11 | 304.13 | | | | | |
| 7/12 | CPI Core Index SA | Jun | 308.66 | 308.31 | 307.82 | | | | | |
| 7/12 | Real Avg Hourly Earning YoY | Jun | | 1.2% | 0.2% | | | | | |
| 7/12 | Real Avg Weekly Earnings YoY | Jun | | 0.6% | -0.7% | -0.6% | | | | |
| 7/13 | PPI Final Demand MoM | Jun | 0.2% | 0.1% | -0.3% | -0.4% | | | | |
| 7/13 | PPI Ex Food and Energy MoM | Jun | 0.2% | 0.1% | 0.2% | 0.1% | | | | |
| 7/13 | PPI Ex Food, Energy, Trade MoM | Jun | 0.1% | 0.1% | 0.0% | | | | | |
| 7/13 | PPI Final Demand YoY | Jun | 0.4% | 0.1% | 1.1% | 0.9% | | | | |
| 7/13 | PPI Ex Food and Energy YoY | Jun | 2.6% | 2.4% | 2.8% | 2.6% | | | | |
| 7/13 | PPI Ex Food, Energy, Trade YoY | Jun | 2.6% | 2.6% | 2.8% | | | | | |
| 7/13 | Initial Jobless Claims | 7/8 | 250k | 237k | 248k | 249k | | | | |
| 7/13 | Continuing Claims | 7/1 | 1720k | 1729k | 1720k | 1718k | | | | |
| 7/13 | Monthly Budget Statement | Jun | -\$205.0b | -\$227.8b | -\$88.8b | | | | | |
| 7/14 | Import Price Index MoM | Jun | -0.1% | -0.2% | -0.6% | -0.4% | | | | |
| 7/14 | Import Price Index ex Petroleum MoM | Jun | -0.2% | -0.3% | -0.2% | | | | | |
| 7/14 | Import Price Index YoY | Jun | -6.1% | -6.1% | -5.9% | -5.7% | | | | |
| 7/14 | Export Price Index MoM | Jun | -0.1% | -0.9% | -1.9% | | | | | |
| 7/14 | Export Price Index YoY | Jun | -11.0% | -12.0% | -10.1% | -10.2% | | | | |
| 7/14 | U. of Mich. Sentiment | Jul P | 65.5 | 72.6 | 64.4 | | | | | |
| 7/14 | U. of Mich. Current Conditions | Jul P | 70.5 | 77.5 | 69.0 | | | | | |
| 7/14 | U. of Mich. Expectations | Jul P | 62.0 | 69.4 | 61.5 | | | | | |
| 7/14 | U. of Mich. 1 Yr Inflation | Jul P | 3.1% | 3.4% | 3.3% | | | | | |
| 7/14 | U. of Mich. 5-10 Yr Inflation | Jul P | 3.0% | 3.1% | 3.0% | | | | | |
| 7/17 | Empire Manufacturing | Jul | -3.4 | | 6.6 | | | | | |
| 7/18 | Retail Sales Ex Auto and Gas | Jun | 0.3% | | 0.4% | | | | | |
| 7/18 | Retail Sales Control Group | Jun | 0.3% | | 0.2% | | | | | |
| 7/18 | Industrial Production MoM | Jun | 0.1% | | -0.2% | | | | | |
| 7/18 | Capacity Utilization | Jun | 79.5% | | 79.6% | | | | | |
| 7/18 | Manufacturing (SIC) Production | Jun | 0.1% | | 0.1% | | | | | |
| 7/18 | Business Inventories | May | 0.2% | | 0.2% | | | | | |
| 7/18 | NAHB Housing Market Index | Jul | 57 | | 55 | | | | | |
| 7/18 | Net Long-term TIC Flows | May | | | \$127.8b | | | | | |
| 7/18 | Total Net TIC Flows | May | | | \$48.4b | | | | | |
| 7/19 | Housing Starts | Jun | 1470k | | 1631k | | | | | |
| 7/19 | Building Permits | Jun | 1499k | | 1491k | 1496k | | | | |
| 7/20 | Philadelphia Fed Business Outlook | Jul | -10.4 | | -13.7 | | | | | |
| 7/20 | Existing Home Sales | Jun | 4.22m | | 4.30m | | | | | |
| 7/20 | Leading Index | Jun | -0.6% | | -0.7% | | | | | |

| MBS Prepayments ⁴ | | | | | | | | |
|------------------------------|-----------------|------|------|------|------|------|--|--|
| | 3-Month CPR | | | | | | | |
| Туре | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | | |
| FN 10y | 11.9 | 13.9 | 13.1 | 12.8 | 17.0 | 16.5 | | |
| FH/FN 15y | 6.7 | 7.6 | 8.9 | 13.5 | 15.2 | 22.3 | | |
| GN 15y | 12.2 | 14.4 | 16.8 | 20.3 | 20.6 | 26.1 | | |
| FH/FN 20y | 5.5 | 6.7 | 7.8 | 8.2 | 9.7 | 12.6 | | |
| FH/FN 30y | 4.5 | 7.0 | 6.1 | 6.7 | 8.0 | 9.8 | | |
| GN 30y | 5.3 | 6.7 | 9.1 | 8.8 | 7.3 | 7.4 | | |
| | CPR Projections | | | | | | | |
| Type | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | | |
| FN 10y | 14.7 | 15.0 | 14.9 | 13.4 | 10.6 | 11.0 | | |
| FH/FN 15y | 7.9 | 7.8 | 7.9 | 11.5 | 15.8 | 18.1 | | |
| GN 15y | 7.3 | 7.5 | 7.6 | 8.4 | 9.6 | 11.1 | | |
| FH/FN 20y | 6.4 | 7.2 | 7.7 | 8.3 | 9.4 | 10.3 | | |
| FH/FN 30y | 5.2 | 5.6 | 5.9 | 6.7 | 7.7 | 8.9 | | |
| GN 30y | 5.4 | 6.3 | 6.4 | 6.5 | 7.2 | 6.8 | | |

| Other Markets | | | | | | | | | |
|---------------|----------|--------|------------|----------|----------|--|--|--|--|
| | | 1Wk | Historical | | | | | | |
| Index | Current | Chng | 1 Mo | 6 Mo | 1 Yr | | | | |
| Currencies | | | | | | | | | |
| Japanese Yen | 138.97 | (3.24) | 140.09 | 128.58 | 138.96 | | | | |
| Euro | 1.12 | 0.03 | 1.08 | 1.08 | 1.00 | | | | |
| Dollar Index | 99.77 | (2.51) | 102.95 | 102.20 | 108.54 | | | | |
| Major Stock | Indices | | | | | | | | |
| Dow Jones | 34,565 | 830 | 33,979 | 34,303 | 30,630 | | | | |
| S&P 500 | 4,524.6 | 125.6 | 4,372.6 | 3,999.1 | 3,790.4 | | | | |
| NASDAQ | 14,188.9 | 528 | 13,626.5 | 11,079.2 | 11,251.2 | | | | |
| Commoditie | es | | | | | | | | |
| Gold | 1,964.7 | 32.2 | 1,968.9 | 1,921.7 | 1,705.8 | | | | |
| Crude Oil | 76.54 | 2.68 | 68.27 | 79.86 | 95.78 | | | | |
| Natural Gas | 2.58 | 0.00 | 2.34 | 3.42 | 6.60 | | | | |
| Wheat | 644.8 | -4.8 | 630.3 | 743.8 | 795.0 | | | | |
| Corn | 496.0 | 8.8 | 607.8 | 675.0 | 605.0 | | | | |

Notes

- 1 Call Agy = Maturity at left w/ a 1-Year Call at Par
- 2 Muni TEY (21% Fed, 0.75% CoF)
- 3 S-Corp TEY Muni (29.6%, no TEFERA)
- 4 MBS Prepayments are provided by Bloomberg

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Source for the aforementioned indices, rates, descriptions, & economic indicators: Bloomberg, LP. This report was printed as of: 07/14/2023 9:17AM

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