

# U.S. Core Producer Price Index (PPI) MoM

**Haawks ID:** | **Symbol:** USDJPY | **Importance:** \*\* | **Positive Deviation:** bullish

## Description:

The Core Producer Price Index (PPI) measures the change in the selling price of goods and services sold by producers, excluding food and energy. The PPI measures price change from the perspective of the seller. When producers pay more for goods and services, they are more likely to pass the higher costs to the consumer, so PPI is thought to be a leading indicator of consumer inflation. A higher than expected reading should be taken as positive/bullish for the USD, while a lower than expected reading should be taken as negative/bearish for the USD.

## Note:

The data below was calculated using historic news & tick data of 74 releases from 2017-01-13 to 2023-02-16.

It combines the data from releases with positive deviations and releases with negative deviations. For the releases with negative deviations, the pip movements were multiplied by -1 to conform with the data from positive deviations. If a higher deviation is bullish for the trading symbol, a positive number signifies movement in the expected direction and a negative number signifies movement in the opposite direction. If a higher deviation is bearish then the opposite is true.

## Key:

| Name                      | Meaning   |
|---------------------------|---|
| Time Delta                | The amount of time elapsed after the news release                                   |
| Range                     | The range of the pip movements  |
| Mean                      | The mean average of the pip movements for all releases for each trigger             |
| Median                    | The median average of the pip movements of all releases for each trigger            |
| Correlation 1 Score (c_1) | Percentage of how many times the asset moved in the expected direction              |
| Correlation 2 Score (c_2) | Percentage of pips which moved in the expected direction vs. the opposite direction |
| Correlation 3 Score (c_3) | The mean average of the Correlation 1 & 2 scores                                    |

**Trigger 1: +-0.1%**

| time_delta            | range                | mean       | median     | c_1         | c_2         | c_3         |
|-----------------------|----------------------|------------|------------|-------------|-------------|-------------|
| 1s                    | (-17.1, 16.9)        | 0.5        | 0.4        | 66.7        | 60.3        | 63.5        |
| 2s                    | (-20.6, 7.2)         | 0.1        | 0.6        | 63.0        | 51.1        | 57.0        |
| 3s                    | (-17.7, 6.9)         | -0.2       | 0.6        | 63.0        | 45.3        | 54.1        |
| 4s                    | (-15.8, 6.9)         | -0.6       | 0.8        | 63.0        | 40.3        | 51.6        |
| 5s                    | (-14.9, 4.4)         | -0.5       | 0.7        | 63.0        | 41.1        | 52.0        |
| 10s                   | (-11.4, 7.7)         | 0.5        | 0.8        | 70.4        | 59.1        | 64.8        |
| 15s                   | (-12.1, 8.3)         | 0.9        | 1.6        | 74.1        | 64.1        | 69.1        |
| 20s                   | (-11.4, 9.9)         | 1.6        | 1.3        | 74.1        | 73.9        | 74.0        |
| 25s                   | (-10.8, 18.8)        | 2.3        | 1.0        | 81.5        | 78.4        | 80.0        |
| 30s                   | (-12.3, 17.8)        | 2.2        | 1.8        | 77.8        | 76.4        | 77.1        |
| 45s                   | (-15.7, 21.8)        | 2.4        | 2.3        | 66.7        | 75.5        | 71.1        |
| 1m                    | (-14.3, 29.8)        | 2.7        | 2.1        | 77.8        | 79.6        | 78.7        |
| 2m                    | (-15.2, 22.2)        | 3.1        | 2.3        | 85.2        | 84.3        | 84.8        |
| 3m                    | (-22.6, 32.0)        | 3.4        | 2.5        | 81.5        | 80.6        | 81.0        |
| 4m                    | (-23.6, 44.6)        | 4.1        | 3.5        | 77.8        | 81.4        | 79.6        |
| 5m                    | (-25.0, 55.2)        | 4.2        | 2.8        | 81.5        | 80.1        | 80.8        |
| 10m                   | (-23.0, 36.8)        | 3.1        | 3.1        | 77.8        | 72.1        | 74.9        |
| 15m                   | (-38.1, 21.4)        | 0.7        | 2.5        | 74.1        | 54.2        | 64.2        |
| <b>Total/Averages</b> | <b>(-38.1, 55.2)</b> | <b>1.7</b> | <b>1.7</b> | <b>73.3</b> | <b>66.5</b> | <b>69.9</b> |

**Trigger 2: +-0.2%**

| time_delta            | range                | mean       | median     | c_1         | c_2         | c_3         |
|-----------------------|----------------------|------------|------------|-------------|-------------|-------------|
| 1s                    | (-0.8, 14.2)         | 1.8        | -0.2       | 50.0        | 89.7        | 69.8        |
| 2s                    | (-0.3, 21.7)         | 5.7        | 4.3        | 92.9        | 99.6        | 96.2        |
| 3s                    | (-0.7, 26.6)         | 6.7        | 3.4        | 92.9        | 99.3        | 96.1        |
| 4s                    | (-1.0, 35.8)         | 6.6        | 2.5        | 85.7        | 98.6        | 92.2        |
| 5s                    | (-0.9, 43.7)         | 8.5        | 2.6        | 85.7        | 99.2        | 92.5        |
| 10s                   | (-2.5, 63.6)         | 9.4        | 3.4        | 78.6        | 97.7        | 88.2        |
| 15s                   | (-5.3, 84.1)         | 9.7        | 2.7        | 71.4        | 93.8        | 82.6        |
| 20s                   | (-6.0, 78.6)         | 9.1        | 4.2        | 71.4        | 92.5        | 82.0        |
| 25s                   | (-5.8, 73.4)         | 9.0        | 3.8        | 71.4        | 92.5        | 82.0        |
| 30s                   | (-5.1, 62.8)         | 8.6        | 4.7        | 71.4        | 93.2        | 82.3        |
| 45s                   | (-6.4, 84.2)         | 9.5        | 1.7        | 71.4        | 93.5        | 82.5        |
| 1m                    | (-4.1, 78.2)         | 9.2        | 2.6        | 71.4        | 94.1        | 82.8        |
| 2m                    | (-8.5, 75.5)         | 9.9        | 2.3        | 71.4        | 88.6        | 80.0        |
| 3m                    | (-9.0, 60.2)         | 8.1        | 3.6        | 71.4        | 86.6        | 79.0        |
| 4m                    | (-8.2, 56.8)         | 7.1        | 3.6        | 71.4        | 83.5        | 77.5        |
| 5m                    | (-10.9, 41.9)        | 4.8        | 2.4        | 64.3        | 73.9        | 69.1        |
| 10m                   | (-11.0, 47.5)        | 5.4        | 1.9        | 57.1        | 72.9        | 65.0        |
| 15m                   | (-17.9, 43.7)        | 6.4        | 2.9        | 57.1        | 74.6        | 65.8        |
| <b>Total/Averages</b> | <b>(-17.9, 84.2)</b> | <b>7.5</b> | <b>2.9</b> | <b>72.6</b> | <b>90.2</b> | <b>81.4</b> |

**Trigger 3: +-%**

**Trigger 4: +-%**