

# Canada Core Consumer Price Index (CPI) YoY

**Haawks ID:** | **Symbol:** USDCAD | **Importance:** \*\* | **Positive Deviation:** bearish

## Description:

The Consumer Price Index (CPI) measures the change in the price of goods and services from the perspective of the consumer excluding foos and energy, wom prices tend to be very volatile. It is a key way to measure changes in purchasing trends and inflation. The impact on the currency may go both ways, a rise in CPI may lead to a rise in interest rates and a rise in local currency, on the other hand, during recession, a rise in CPI may lead to a deepened recession and therefore a fall in local currency.

## Note:

The data below was calculated using historic news & tick data of 74 releases from 2017-01-20 to 2023-02-21.

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)

Name	Meaning
	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	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
1s	(-55.4, 55.2)	-9.0	-0.9	62.5	68.3	65.4	75.0	90.4	82.5
2s	(-75.5, 62.7)	-9.5	-13.9	50.0	64.4	57.2	75.0	91.1	83.3
3s	(-77.8, 64.8)	-11.4	-25.3	50.0	65.7	57.9	75.0	94.9	85.5
4s	(-84.2, 64.8)	-11.0	-29.4	50.0	64.8	57.4	75.0	95.3	85.5
5s	(-89.2, 60.8)	-10.3	-24.8	50.0	64.5	57.2	75.0	93.8	84.5
10s	(-98.4, 37.8)	-19.6	-37.3	50.0	77.6	63.8	100.0	100.0	100.0
15s	(-87.5, 46.9)	-16.6	-34.8	50.0	73.9	62.0	100.0	100.0	100.0
20s	(-77.2, 59.1)	-14.8	-32.6	75.0	70.8	72.9	100.0	100.0	100.0
25s	(-87.1, 50.7)	-17.2	-31.2	75.0	73.6	74.3	100.0	100.0	100.0

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
30s	(-82.7, 45.5)	-16.9	-25.1	75.0	75.0	75.0	100.0	100.0	100.0
45s	(-99.0, 47.6)	-19.0	-31.6	62.5	74.6	68.5	75.0	99.9	87.5
1m	(-91.2, 54.3)	-18.5	-32.1	75.0	73.9	74.5	100.0	100.0	100.0
2m	(-74.6, 49.5)	-14.7	-40.1	62.5	68.2	65.3	75.0	98.9	87.5
3m	(-85.7, 54.8)	-14.9	-36.0	62.5	66.6	64.5	75.0	96.4	85.0
4m	(-85.2, 61.7)	-15.3	-39.7	62.5	65.4	64.0	75.0	96.1	85.0
5m	(-88.0, 70.5)	-12.8	-32.4	62.5	62.3	62.4	75.0	93.0	84.0
10m	(-67.3, 68.4)	-9.5	-32.1	62.5	60.2	61.4	75.0	93.4	84.0
15m	(-68.4, 75.3)	-11.1	-39.5	62.5	60.8	61.6	75.0	94.2	84.0
Total/ Averages	(-99.0, 75.3)	-14.0	-29.9	61.1	68.4	64.7	83.3	96.5	89.0

Trigger 2: +/-0.2%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
1s	(-8.8, 0.7)	-1.8	0.3	40.0	86.7	63.4	100.0	100.0	100.0
2s		-3.3	-1.6	60.0	91.8	75.9	100.0	100.0	100.0

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5
	(-8.7, 0.8)							
3s	(-13.0, 0.9)	-4.1	-1.0	80.0	95.9	88.0	100.0	100.0
4s	(-13.7, 1.6)	-4.5	-3.4	60.0	93.4	76.7	100.0	100.0
5s	(-11.5, 2.0)	-3.8	-3.2	60.0	90.7	75.3	100.0	100.0
10s	(-12.2, -0.6)	-3.9	-1.0	100.0	100.0	100.0	100.0	100.0
15s	(-5.6, 0.6)	-2.6	-2.8	60.0	94.6	77.3	100.0	100.0
20s	(-6.3, 1.9)	-1.1	-1.0	60.0	74.4	67.2	100.0	100.0
25s	(-8.5, 1.4)	-2.7	-1.5	60.0	90.4	75.2	100.0	100.0
30s	(-8.1, 2.7)	-2.8	-3.3	80.0	85.9	83.0	100.0	100.0
45s	(-7.5, 9.4)	-0.9	-3.0	60.0	58.4	59.2	100.0	100.0
1m	(-7.6, 8.7)	-1.0	-1.3	80.0	60.8	70.4	100.0	100.0
2m	(-8.5, 8.9)	-2.0	-1.6	80.0	67.8	73.9	100.0	100.0
3m	(-8.6, 8.6)	-1.2	-1.2	60.0	61.6	60.8	100.0	100.0

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5
4m	(-15.1, 1.3)	-3.6	-1.4	80.0	93.6	86.8	100.0	100.0
5m	(-13.7, 3.7)	-1.4	1.9	40.0	64.8	52.4	100.0	100.0
10m	(-9.6, 5.0)	-0.4	-0.3	60.0	54.9	57.5	100.0	100.0
15m	(-10.9, 7.8)	-1.8	-4.0	60.0	61.5	60.8	100.0	100.0
<b>Total/ Averages</b>	<b>(-15.1, 9.4)</b>	<b>-2.4</b>	<b>-1.6</b>	<b>65.6</b>	<b>79.3</b>	<b>72.4</b>	<b>100.0</b>	<b>100.0</b>

Trigger 3: +-0.3%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
1s	(-38.5, 10.3)	-3.9	-0.3	60.0	72.4	66.2	66.7	85.2	76.7
2s	(-51.3, 16.0)	-7.0	-0.2	50.0	74.4	62.2	66.7	84.9	75.7
3s	(-54.5, 14.7)	-8.1	-0.2	50.0	77.2	63.6	66.7	87.3	77.7
4s	(-53.5, 13.8)	-8.2	-1.0	50.0	78.0	64.0	66.7	88.0	77.7
5s	(-55.4, 12.9)	-9.3	-0.8	50.0	80.6	65.3	66.7	89.5	78.7
10s	(-64.7, 11.3)	-11.0	-1.6	50.0	83.1	66.5	66.7	90.5	78.7
15s		-12.8	-6.5	70.0	86.5	78.2	83.3	98.2	90.7

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
	(-61.9, 8.7)								
20s	(-58.0, 10.2)	-13.3	-8.4	70.0	87.8	78.9	83.3	99.2	91.7
25s	(-54.2, 13.5)	-12.9	-10.3	70.0	88.9	79.5	83.3	99.3	91.7
30s	(-58.9, 15.8)	-12.3	-9.4	70.0	86.0	78.0	83.3	97.9	90.7
45s	(-65.0, 20.5)	-11.5	-5.7	70.0	83.3	76.7	83.3	97.7	90.7
1m	(-68.8, 16.2)	-12.9	-5.0	80.0	87.5	83.8	83.3	98.9	91.7
2m	(-73.5, 17.0)	-15.8	-6.1	80.0	89.7	84.8	83.3	99.7	91.7
3m	(-67.2, 13.6)	-15.0	-11.2	60.0	89.0	74.5	83.3	98.9	91.7
4m	(-66.4, 14.2)	-14.4	-3.9	70.0	88.3	79.2	83.3	97.6	90.7
5m	(-60.8, 17.0)	-13.5	-2.6	60.0	86.0	73.0	83.3	96.8	90.7
10m	(-65.4, 18.9)	-11.8	-1.3	50.0	78.9	64.5	66.7	89.7	78.7
15m	(-66.9, 15.3)	-13.2	-6.6	50.0	83.0	66.5	66.7	93.8	80.7
Total/ Averages	(-73.5, 20.5)	-11.5	-4.5	61.7	83.4	72.5	75.9	94.1	85.7

Trigger 4: +-0.5%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5
1s	(-25.1, 6.6)	-5.4	-0.5	85.7	87.1	86.4	100.0	100.0
2s	(-24.8, 8.1)	-6.2	-3.7	71.4	81.2	76.3	100.0	100.0
3s	(-23.7, 5.2)	-8.7	-11.0	71.4	90.0	80.7	100.0	100.0
4s	(-25.5, 4.5)	-9.1	-11.1	71.4	89.3	80.3	100.0	100.0
5s	(-27.8, 5.2)	-9.9	-10.7	71.4	90.7	81.1	100.0	100.0
10s	(-24.2, 2.7)	-10.7	-9.6	71.4	95.4	83.4	100.0	100.0
15s	(-26.0, -4.9)	-13.3	-8.6	100.0	100.0	100.0	100.0	100.0
20s	(-25.1, -0.8)	-12.6	-10.0	100.0	100.0	100.0	100.0	100.0
25s	(-27.5, 5.5)	-12.2	-10.7	85.7	94.3	90.0	100.0	100.0
30s	(-26.2, 8.3)	-11.6	-9.7	85.7	91.5	88.6	100.0	100.0
45s	(-29.3, 5.1)	-11.6	-8.9	85.7	94.4	90.1	100.0	100.0
1m	(-28.1, 5.6)	-11.9	-9.5	85.7	94.1	89.9	100.0	100.0
2m	(-34.6, 10.6)	-12.0	-10.1	85.7	89.9	87.8	100.0	100.0

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5
3m	(-34.6, 16.6)	-11.3	-10.3	85.7	85.2	85.5	100.0	100.0
4m	(-37.2, 24.3)	-10.1	-8.8	85.7	79.6	82.7	100.0	100.0
5m	(-39.1, 23.8)	-9.6	-8.0	85.7	79.3	82.5	100.0	100.0
10m	(-37.9, 12.6)	-9.8	-8.4	71.4	84.9	78.2	100.0	100.0
15m	(-41.5, 13.0)	-9.9	-7.1	71.4	79.0	75.2	100.0	100.0
<b>Total/ Averages</b>	<b>(-41.5, 24.3)</b>	<b>-10.3</b>	<b>-8.7</b>	<b>81.7</b>	<b>89.2</b>	<b>85.5</b>	<b>100.0</b>	<b>100.0</b>