Canada Consumer Price Index (CPI) MoM

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. It is a key way to measure changes in purchasing trends and inflation. A higher than expected reading should be taken as positive/bullish for the CAD, while a lower than expected reading should be taken as negative/bearish for the CAD.

Note:

The data below was calculated using historic news & tick data of 86 releases from 2017-01-20 to 2024-01-16.

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

Name	Meaning
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
1s	(-72.0, 7.8)	-8.3	-0.5	69.0	92.7	80.8	72.0	96.5	84
2s	(-80.0, 8.3)	-12.3	-5.8	79.3	94.0	86.7	84.0	97.4	90
3s	(-86.0, 9.9)	-14.3	-4.9	72.4	95.4	83.9	80.0	98.0	89
4s	(-80.8, 4.2)	-14.5	-4.7	72.4	96.5	84.5	80.0	98.1	89
5s	(-76.9, 3.2)	-14.3	-5.4	79.3	97.9	88.6	84.0	99.1	91
10s	(-74.8, 23.0)	-14.2	-5.2	79.3	92.6	85.9	84.0	97.6	90
15s	(-78.3, 20.0)	-13.9	-6.5	79.3	89.1	84.2	84.0	95.4	89
20s	(-69.9, 22.0)	-13.7	-8.4	79.3	90.4	84.8	84.0	96.5	90
25s	(-70.5, 20.8)	-13.5	-9.5	79.3	88.5	83.9	84.0	95.1	89
30s		-13.7	-9.4	75.9	88.8	82.3	80.0	94.3	87

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
	(-79.6, 17.3)								
45s	(-71.8, 18.7)	-14.8	-4.9	79.3	90.2	84.8	84.0	95.6	89
1m	(-64.6, 27.9)	-13.6	-5.0	79.3	86.1	82.7	80.0	93.1	86
2m	(-73.3, 28.2)	-14.0	-4.6	72.4	84.9	78.7	76.0	91.7	83
3m	(-80.3, 32.4)	-14.8	-5.1	69.0	84.5	76.8	72.0	90.6	81
4m	(-75.3, 36.9)	-14.7	-4.2	65.5	81.2	73.3	68.0	87.5	77
5m	(-79.0, 42.7)	-15.7	-5.5	69.0	82.3	75.7	72.0	89.4	80
10m	(-73.0, 39.3)	-14.5	-6.0	62.1	80.3	71.2	64.0	86.4	75
15m	(-77.0, 44.8)	-16.4	-6.3	69.0	83.7	76.3	72.0	91.3	81
Total/ Averages	**(-86.0, 44.8)**	**-14.0**	**-5.7**	**73.9**	**88.8**	**81.4**	**78.0**	**94.1**	**86**

Trigger 2: +-0.2%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
1s	(-20.7, 1.1)	-8.2	-8.8	64.7	97.5	81.1	84.6	99.1	91
2s	(-26.5, 1.9)	-9.8	-10.4	70.6	97.9	84.2	92.3	99.6	95

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
3s	(-23.0, 1.9)	-9.6	-11.4	76.5	98.1	87.3	92.3	99.8	96
4s	(-28.7, 1.9)	-10.5	-10.0	82.4	98.8	90.6	100.0	100.0	10
5s	(-23.0, 2.7)	-10.3	-9.9	76.5	98.2	87.3	100.0	100.0	10
10s	(-28.0, 1.2)	-11.2	-7.2	88.2	99.2	93.7	100.0	100.0	10
15s	(-33.6, 2.1)	-12.1	-9.4	82.4	98.4	90.4	100.0	100.0	10
20s	(-38.1, 2.7)	-12.4	-8.9	88.2	97.9	93.1	100.0	100.0	10
25s	(-44.8, 4.4)	-12.6	-8.5	88.2	97.4	92.8	100.0	100.0	10
30s	(-47.7, 2.7)	-12.3	-8.4	88.2	98.4	93.3	100.0	100.0	10
45s	(-44.8, 9.4)	-9.5	-6.8	76.5	89.6	83.0	84.6	97.7	91
1m	(-43.5, 8.7)	-7.9	-4.0	70.6	86.8	78.7	76.9	94.8	85
2m	(-57.2, 8.9)	-8.5	-3.1	70.6	89.7	80.2	76.9	96.3	86
3m	(-48.8, 15.3)	-7.8	-3.8	70.6	83.3	76.9	76.9	93.1	85
4m	(-56.9, 19.8)	-9.6	-5.1	76.5	86.7	81.6	84.6	96.6	90

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
5m	(-60.6, 26.6)	-10.9	-8.4	76.5	85.6	81.0	92.3	97.3	94
10m	(-65.7, 19.5)	-11.2	-10.9	64.7	82.1	73.4	76.9	91.8	84
15m	(-66.3, 36.7)	-9.7	-7.9	70.6	75.4	73.0	76.9	88.8	82
Total/ Averages	**(-66.3, 36.7)**	**-10.2**	**-7.9**	**76.8**	**92.3**	**84.5**	**89.7**	**97.5**	**93**

Trigger 3: +-0.3%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5
1s	(-55.4, 0.6)	-18.5	-10.3	88.9	99.8	94.3	100.0	100.0
2s	(-75.5, 0.8)	-24.5	-16.7	94.4	99.8	97.1	100.0	100.0
3s	(-77.8, -1.0)	-26.0	-16.2	100.0	100.0	100.0	100.0	100.0
4s	(-84.2, 1.6)	-26.5	-15.6	94.4	99.7	97.1	100.0	100.0
5s	(-89.2, 2.0)	-27.0	-16.1	94.4	99.6	97.0	100.0	100.0
10s	(-98.4, -0.6)	-28.8	-21.8	100.0	100.0	100.0	100.0	100.0
15s	(-87.5, 0.6)	-26.7	-20.0	94.4	99.9	97.2	100.0	100.0
20s		-26.5	-22.4	94.4	99.8	97.1	100.0	100.0

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5
	(-77.2, 1.1)							
25s	(-87.1, 0.2)	-26.5	-23.7	94.4	100.0	97.2	100.0	100.0
30s	(-82.7, 0.3)	-25.9	-22.2	94.4	99.9	97.2	100.0	100.0
45s	(-99.0, 1.3)	-27.5	-23.5	94.4	99.7	97.1	100.0	100.0
1m	(-91.2, 3.3)	-26.4	-21.2	94.4	99.3	96.8	100.0	100.0
2m	(-74.6, 2.9)	-26.5	-20.3	94.4	99.4	96.9	100.0	100.0
3m	(-85.7, 3.6)	-25.5	-22.2	88.9	99.0	94.0	100.0	100.0
4m	(-85.2, 2.7)	-25.1	-23.2	94.4	99.4	96.9	100.0	100.0
5m	(-88.0, 3.7)	-24.3	-25.0	83.3	98.2	90.8	100.0	100.0
10m	(-65.4, 1.0)	-24.0	-23.8	94.4	99.8	97.1	100.0	100.0
15m	(-68.4, -1.6)	-26.4	-25.8	100.0	100.0	100.0	100.0	100.0
Total/ Averages	**(-99.0, 3.7)**	**-25.7**	**-20.6**	**94.1**	**99.6**	**96.9**	**100.0**	**100.0**

Trigger 4: +-%