Canada Core Retail Sales MoM

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

Description:

Core Retail Sales measures the change in the total value of sales at the retail level in Canada, excluding automobiles. It is an important indicator of consumer spending and is also considered a pace indicator for the Canadian economy. 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 77 releases from 2017-01-20 to 2023-03-24.

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

Name	Meaning
Correlation 3 Score (c_3)	The mean average of the Correlation 1 & 2 scores

Trigger 1: +-0.2%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
1s	(-30.7, 23.4)	0.7	-0.0	54.5	45.3	49.9	57.1	57.9	57
2s	(-45.0, 27.1)	0.5	0.7	27.3	47.4	37.4	28.6	54.3	41
3s	(-53.9, 25.7)	-0.8	0.5	36.4	54.0	45.2	42.9	62.0	52
4s	(-62.5, 31.7)	-0.6	0.4	18.2	52.8	35.5	28.6	62.0	45
5s	(-62.6, 22.6)	-1.4	1.2	36.4	56.4	46.4	28.6	61.7	45
10s	(-44.5, 16.1)	-2.1	0.2	36.4	63.2	49.8	42.9	73.3	58
15s	(-36.4, 15.8)	-2.0	-0.2	54.5	63.5	59.0	57.1	74.7	65
20s	(-42.2, 13.2)	-2.3	-0.3	63.6	64.6	64.1	57.1	76.5	66
25s	(-39.5, 11.8)	-3.1	-0.4	63.6	69.1	66.3	71.4	82.6	77
30s	(-41.6, 12.7)	-3.7	-2.5	63.6	70.8	67.2	71.4	86.5	79
45s		-5.5	-2.3	63.6	80.9	72.2	71.4	94.0	82

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
	(-39.8, 8.9)								
1m	(-45.5, 2.8)	-8.0	-4.8	72.7	94.7	83.7	100.0	100.0	10
2m	(-47.0, 1.4)	-8.5	-3.3	81.8	97.4	89.6	100.0	100.0	10
3m	(-49.9, 2.8)	-9.5	-4.0	81.8	95.6	88.7	100.0	100.0	10
4m	(-44.8, 2.9)	-8.4	-3.2	72.7	94.2	83.5	85.7	99.8	92
5m	(-45.6, 2.1)	-9.9	-2.0	72.7	96.5	84.6	100.0	100.0	10
10m	(-46.7, 5.8)	-7.3	2.1	45.5	81.3	63.4	57.1	85.2	71
15m	(-54.8, 8.1)	-8.4	0.2	45.5	82.9	64.2	57.1	88.3	72
Total/ Averages	**(-62.6, 31.7)**	**-4.5**	**-1.0**	**55.0**	**72.8**	**63.9**	**64.3**	**81.0**	**72**

Trigger 2: +-0.3%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
1s	(-36.6, 11.2)	-5.8	-3.5	54.5	88.6	71.5	66.7	95.0	80
2s	(-35.8, 19.2)	-6.6	-5.4	59.1	84.2	71.7	66.7	94.0	80
3s	(-41.3, 12.9)	-8.8	-5.2	63.6	89.3	76.5	66.7	95.9	81

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
4s	(-34.7, 7.6)	-7.9	-3.2	54.5	90.1	72.3	66.7	95.0	80
5s	(-35.8, 7.2)	-7.3	-2.4	54.5	89.1	71.8	66.7	94.1	80
10s	(-38.6, 23.2)	-6.4	-1.1	63.6	81.7	72.7	66.7	91.8	79
15s	(-40.0, 19.5)	-7.7	-6.0	72.7	84.3	78.5	77.8	93.0	85
20s	(-35.8, 20.0)	-7.6	-3.5	72.7	84.0	78.3	77.8	92.7	85
25s	(-38.0, 32.4)	-7.6	-5.7	68.2	81.2	74.7	72.2	92.3	82
30s	(-37.9, 40.0)	-7.6	-4.7	77.3	82.4	79.8	88.9	96.3	92
45s	(-52.7, 34.2)	-8.8	-5.6	86.4	85.0	85.7	88.9	97.0	93
1m	(-51.2, 32.8)	-8.3	-6.0	77.3	82.5	79.9	83.3	94.0	88
2m	(-54.7, 39.7)	-9.5	-7.1	77.3	83.4	80.3	88.9	96.0	92
3m	(-60.9, 42.5)	-9.9	-7.2	81.8	81.0	81.4	83.3	93.8	88
4m	(-61.8, 45.7)	-10.7	-7.5	72.7	80.1	76.4	77.8	92.8	85
5m	(-67.9, 45.7)	-10.5	-5.9	72.7	79.9	76.3	72.2	92.0	82

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
10m	(-64.7, 46.0)	-9.2	-2.8	63.6	76.0	69.8	66.7	87.4	77
15m	(-68.6, 46.8)	-12.1	-8.2	81.8	83.0	82.4	83.3	95.2	89
Total/ Averages	**(-68.6, 46.8)**	**-8.5**	**-5.1**	**69.7**	**83.7**	**76.7**	**75.6**	**93.8**	**84**

Trigger 3: +-0.6%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c
1s	(-55.4, 7.3)	-16.3	-5.3	88.2	96.2	92.2	84.6	99.1	9
2s	(-75.5, 2.6)	-23.5	-26.7	82.4	99.2	90.8	92.3	99.9	9
3s	(-77.8, 4.4)	-24.5	-24.3	88.2	98.6	93.4	92.3	99.8	9
4s	(-84.2, 8.2)	-24.6	-24.3	76.5	97.7	87.1	84.6	99.5	9
5s	(-89.2, 14.8)	-25.0	-25.3	82.4	96.6	89.5	92.3	99.5	9
10s	(-98.4, 14.0)	-25.4	-26.3	88.2	96.5	92.3	92.3	100.0	9
15s	(-87.5, 2.2)	-26.2	-26.8	88.2	99.4	93.8	100.0	100.0	1
20s	(-77.2, 0.9)	-25.3	-25.1	88.2	99.7	94.0	100.0	100.0	1
25s		-26.0	-28.1	94.1	99.7	96.9	100.0	100.0	1

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c
	(-87.1, 1.2)								
30s	(-82.7, 0.5)	-25.1	-24.3	94.1	99.9	97.0	100.0	100.0	1
45s	(-99.0, 0.2)	-26.7	-27.6	94.1	100.0	97.0	100.0	100.0	1
1m	(-91.2, 0.7)	-27.4	-26.7	94.1	99.8	96.9	100.0	100.0	1
2m	(-74.6, 1.0)	-28.1	-26.9	94.1	99.8	96.9	100.0	100.0	1
3m	(-85.7, 2.5)	-29.6	-27.7	88.2	99.1	93.7	100.0	100.0	1
4m	(-85.2, 5.0)	-29.8	-28.3	82.4	98.4	90.4	100.0	100.0	1
5m	(-88.0, 3.0)	-31.2	-29.1	82.4	98.7	90.6	100.0	100.0	1
10m	(-70.6, 6.0)	-29.2	-27.5	88.2	98.0	93.1	100.0	100.0	1
15m	(-73.9, 2.1)	-30.8	-29.6	82.4	99.3	90.8	100.0	100.0	1
Total/ Averages	**(-99.0, 14.8)**	**-26.4**	**-25.6**	**87.6**	**98.7**	**93.1**	**96.6**	**99.9**	**9**

Trigger 4: +-1.0%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
1s	(-72.0, 1.1)	-9.0	-0.1	60.0	97.5	78.8	63.6	98.4	81

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
2s	(-80.0, 1.6)	-10.4	-0.2	53.3	96.7	75.0	54.5	97.0	75
3s	(-86.0, 1.1)	-11.1	0.3	46.7	96.4	71.6	54.5	95.9	75
4s	(-80.8, 1.2)	-10.5	-0.5	53.3	97.2	75.2	63.6	97.8	80
5s	(-76.9, 1.9)	-10.2	-0.6	73.3	97.6	85.4	81.8	99.1	90
10s	(-74.8, 1.2)	-10.1	-2.3	66.7	98.1	82.4	90.9	99.4	95
15s	(-78.3, 1.2)	-9.5	-1.2	53.3	97.7	75.5	72.7	98.4	85
20s	(-69.9, 1.7)	-8.8	-0.7	60.0	96.9	78.5	72.7	98.2	85
25s	(-70.5, 1.4)	-9.1	-0.7	60.0	97.4	78.7	72.7	98.7	85
30s	(-79.6, 4.0)	-9.9	-0.7	53.3	94.9	74.1	72.7	97.3	85
45s	(-71.8, 4.3)	-8.2	-0.7	73.3	91.8	82.5	72.7	95.6	84
1m	(-64.6, 3.5)	-7.8	-1.5	73.3	91.2	82.2	72.7	94.4	83
2m	(-73.3, 8.5)	-7.7	-1.2	66.7	86.9	76.8	72.7	93.6	83
3m	(-80.3, 11.1)	-7.9	-0.6	53.3	84.7	69.0	63.6	90.1	76

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3
4m	(-74.8, 9.0)	-7.1	-0.9	60.0	83.8	71.9	63.6	88.8	76
5m	(-79.0, 10.5)	-8.4	-2.7	66.7	86.6	76.7	72.7	93.1	82
10m	(-73.0, 11.5)	-10.6	-2.7	60.0	89.6	74.8	72.7	95.3	84
15m	(-77.0, 14.1)	-9.5	-1.4	60.0	83.2	71.6	63.6	90.8	77
Total/ Averages	**(-86.0, 14.1)**	**-9.2**	**-1.0**	**60.7**	**92.7**	**76.7**	**69.7**	**95.7**	**82**