

U.S. Gross Domestic Product (GDP) QoQ

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

Description:

Gross Domestic Product (GDP) measures the annualized change in the inflation-adjusted value of all goods and services produced by the economy. It is the broadest measure of economic activity and the primary indicator of the economy's health. Usual Effect: Actual > Forecast = Good for currency Frequency: Released monthly. There are 3 versions of GDP released a month apart - Advance, second release and Final. Both the advance the second release are tagged as preliminary in the economic calendar.

Note:

The data below was calculated using historic news & tick data of 73 releases from 2017-01-27 to 2023-02-23.

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	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
1s	(-6.1, 0.5)	-0.7	-0.0	35.7	9.5	22.6	40.0	6.4	23.2
2s	(-1.9, 3.1)	0.5	0.1	57.1	72.8	65.0	60.0	69.2	64.6
3s	(-3.3, 3.1)	0.6	0.3	71.4	76.8	74.1	80.0	84.1	82.0
4s	(-2.1, 7.6)	1.3	0.3	64.3	85.5	74.9	70.0	85.4	77.7
5s	(-1.5, 8.8)	1.1	0.4	64.3	84.1	74.2	70.0	78.9	74.4
10s	(-3.3, 7.9)	1.4	-0.1	50.0	79.9	65.0	60.0	77.7	68.8
15s	(-3.9, 6.1)	1.5	0.4	71.4	81.4	76.4	70.0	84.8	77.4
20s	(-5.8, 7.4)	1.5	0.6	64.3	78.1	71.2	70.0	81.4	75.7
25s	(-6.2, 9.6)	1.9	1.0	85.7	83.2	84.5	90.0	89.7	89.8
30s	(-4.9, 10.0)	2.3	1.8	71.4	85.2	78.3	80.0	89.6	84.8
45s	(-4.7, 11.3)	3.3	1.4	78.6	89.7	84.2	80.0	94.2	87.1
1m	(-3.1, 12.3)	3.1	2.2	78.6	92.0	85.3	80.0	95.7	87.8
2m	(-4.3, 16.1)	3.6	2.7	85.7	92.1	88.9	90.0	97.5	93.8
3m		3.2	3.1	71.4	85.6	78.5	80.0	90.0	85.0

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
	(-3.6, 14.5)								
4m	(-2.9, 13.5)	2.8	0.8	64.3	84.3	74.3	70.0	83.6	76.8
5m	(-2.8, 13.3)	3.1	1.9	78.6	90.9	84.8	80.0	93.4	86.7
10m	(-6.0, 12.9)	3.0	2.2	71.4	80.7	76.1	70.0	83.7	76.8
15m	(-8.8, 18.6)	2.4	1.7	64.3	68.0	66.2	60.0	63.5	61.8
Total/ Averages	(-8.8, 18.6)	2.0	1.2	68.2	78.9	73.6	72.2	80.5	76.3

Trigger 2: +-0.2%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
1s	(-2.9, 2.8)	-0.1	-0.1	29.4	43.1	36.2	38.5	28.9	33.7
2s	(-8.8, 8.2)	1.1	0.2	64.7	70.7	67.7	53.8	72.2	63.0
3s	(-12.3, 11.3)	0.9	0.4	52.9	64.8	58.8	53.8	63.8	58.8
4s	(-10.5, 11.8)	1.4	0.3	52.9	71.9	62.4	53.8	74.1	64.0
5s	(-9.9, 13.2)	1.7	0.6	52.9	75.6	64.2	61.5	77.8	69.6
10s	(-1.6, 11.0)	2.9	2.3	76.5	94.1	85.3	84.6	97.5	91.0
15s	(-1.7, 15.0)	3.3	2.6	70.6	91.5	81.0	76.9	92.5	84.7

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
20s	(-2.0, 12.6)	3.4	3.6	76.5	92.1	84.3	76.9	94.1	85.5
25s	(-4.4, 15.0)	3.6	3.8	76.5	89.3	82.9	76.9	92.3	84.6
30s	(-15.4, 19.0)	3.2	3.0	76.5	76.6	76.5	76.9	81.8	79.4
45s	(-22.1, 18.6)	2.8	2.8	76.5	68.1	72.3	76.9	72.9	74.9
1m	(-19.2, 24.4)	2.7	2.4	76.5	67.8	72.2	69.2	67.3	68.2
2m	(-27.6, 18.8)	1.3	3.0	70.6	57.6	64.1	69.2	60.8	65.0
3m	(-27.8, 24.2)	2.8	2.2	64.7	66.3	65.5	69.2	70.2	69.7
4m	(-26.5, 35.7)	4.1	2.6	70.6	73.6	72.1	69.2	76.4	72.8
5m	(-19.3, 31.4)	3.4	4.3	70.6	70.8	70.7	69.2	69.4	69.3
10m	(-24.7, 38.0)	3.4	3.8	64.7	66.0	65.3	61.5	62.8	62.2
15m	(-24.2, 43.3)	2.5	3.8	58.8	59.9	59.3	61.5	54.3	57.9
Total/ Averages	(-27.8, 43.3)	2.5	2.3	65.7	72.2	68.9	66.6	72.7	69.7

Trigger 3: +-0.3%

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
1s	(-1.0, 4.5)	0.3	0.1	54.2	73.4	63.8	60.0	66.1	63.0

	time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
	2s	(-2.1, 15.9)	3.3	0.2	54.2	93.8	74.0	55.0	93.5	74.2
	3s	(-2.6, 16.9)	4.2	0.5	62.5	94.2	78.3	65.0	94.7	79.8
	4s	(-2.7, 19.4)	4.9	0.4	66.7	93.2	80.0	65.0	93.3	79.2
	5s	(-2.4, 25.9)	5.9	0.9	70.8	96.3	83.5	70.0	96.7	83.4
	10s	(-7.4, 49.1)	8.8	5.2	70.8	95.8	83.3	80.0	97.4	88.7
	15s	(-14.4, 33.3)	8.2	5.2	75.0	92.2	83.6	85.0	95.6	90.3
	20s	(-15.8, 38.0)	9.7	7.0	83.3	93.6	88.4	90.0	96.9	93.4
	25s	(-14.8, 33.7)	9.4	5.7	87.5	94.0	90.8	95.0	97.3	96.2
	30s	(-16.7, 31.7)	9.7	5.8	87.5	93.5	90.5	90.0	97.0	93.5
	45s	(-19.6, 45.3)	10.6	7.2	79.2	91.7	85.5	85.0	95.4	90.2
	1m	(-14.7, 38.9)	10.9	8.2	83.3	92.5	87.9	85.0	95.7	90.4
	2m	(-12.0, 34.2)	9.3	4.2	75.0	89.9	82.5	75.0	92.2	83.6
	3m	(-5.1, 49.2)	9.7	3.0	79.2	93.9	86.6	80.0	94.9	87.4
	4m	(-9.7, 39.6)	9.6	5.9	79.2	92.4	85.8	80.0	94.4	87.2
	5m		10.2	7.3	75.0	90.6	82.8	80.0	92.3	86.2

time_delta	range	mean	median	c1	c2	c3	c1_ema5	c2_ema5	c3_ema5
	(-10.7, 47.7)								
10m	(-22.6, 51.6)	7.9	5.0	62.5	81.7	72.1	65.0	83.2	74.1
15m	(-23.9, 74.0)	8.5	5.1	75.0	81.7	78.3	75.0	82.7	78.8
Total/ Averages	(-23.9, 74.0)	7.8	4.3	73.4	90.8	82.1	76.7	92.2	84.4

Trigger 4: +-%