

# US Economic Indicators Heatmap



2022-01-28

Category	Indicator	Year over Year Change (Unless Otherwise Noted)													
		Most recent	2021-12-31	2021-11-30	2021-10-31	2021-09-30	2021-08-31	2021-07-31	2021-06-30	2021-05-31	2021-04-30	2021-03-31	2021-02-28	2021-01-31	2020-12-31
<b>Manufacturing/Output</b>															
	ISM Manufacturing	58.8	58.8	60.6	60.8	60.5	59.7	59.9	60.9	61.6	60.6	63.7	60.9	59.4	60.5
	ISM Services	62.3	62.3	68.4	66.7	62.6	62.2	64.1	60.7	63.2	62.7	62.2	55.9	58.5	57.8
	Industrial Production	3.67	3.67	4.98	4.76	4.62	5.33	6.62	10.21	16.4	17.86	1.76	-4.86	-1.67	-3.28
	Capacity Utilization	3.21	3.21	4.58	4.43	4.36	5.14	6.51	10.17	16.42	17.94	1.87	-4.74	-1.53	-3.16
	Durable Goods	12.72	12.72	15.50	14.37	15.30	17.60	18.33	29.33	42.78	53.02	36.31	6.65	6.24	-1.21
	Durable Goods ex Tran	11.91	11.91	13.66	13.35	14.97	15.64	16.88	19.98	25.61	29.57	16.65	10.44	10.40	8.50
	Real GDP	5.50	5.50	5.50	5.50	4.90	4.90	4.90	12.20	12.20	12.20	0.50	0.50	0.50	-2.30
	<b>Subtotal</b>	-3	-3	5	5	-3	-7	-3	9	21	21	20	4	17	14
<b>Employment</b>															
	Jobless Claims ( 4 Wk Avg) (R)	-71.47	-75.15	-67.36	-63.94	-59.99	-59.86	-69.55	-73.31	-78.44	-87.95	-69.22	275.93	312.26	265.37
	ADP Employment	5.17	5.17	4.42	4.27	4.16	4.44	4.59	4.52	7.89	10.20	-6.82	-7.37	-7.36	-7.39
	Nonfarm Payrolls	4.52	4.52	4.16	4.18	4.22	4.48	5.32	5.85	8.98	10.88	-4.50	-6.07	-6.24	-6.20
	Average Hourly Earnings	5.80	5.80	6.00	6.00	5.50	4.80	4.80	3.80	2.40	1.20	4.60	5.20	5.30	5.50
	Average Workweek	0.00	0.00	-0.29	-0.29	0.29	0.29	0.59	0.59	0.59	2.39	2.99	0.89	2.38	2.09
	Unemployment Rate (R)	-41.79	-41.79	-37.31	-33.33	-40.51	-38.10	-47.06	-46.36	-56.06	-59.18	36.36	77.14	82.86	86.11
	<b>Subtotal</b>	13.5	13.5	0.5	-3.5	-2.5	-2.5	-2	10	8	12	8	-6	-2	10
<b>Housing</b>															
	Building Permits	7.22	7.22	1.24	3.64	-0.19	13.07	5.71	22.99	35.07	58.41	26.99	16.78	21.48	20.99
	Housing Starts	2.47	2.47	8.19	2.51	7.04	14.32	4.34	30.16	52.39	61.41	35.08	-8.94	2.27	7.37
	New Home Sales	-14.00	-14.00		-33.02	-25.33	-31.63	-27.57	-18.59	4.12	36.77	40.13	12.74	31.35	28.65
	Existing Home Sales	-7.07	-7.07	-1.67	-5.79	-2.33	-1.51	1.69	23.06	44.14	33.87	12.34	9.47	23.11	20.69
	Pending Home Sales	-6.88	-6.88	-2.78	-1.42	-8.20	-8.37	-8.68	-2.00	13.41	51.71	23.03	-1.44	13.52	20.84
	NAHB Homebuilder Index	0.00	-2.33	-7.78	-5.88	-8.43	-3.85	11.11	39.66	124.32	176.67	13.89	13.51	10.67	13.16
	Case-Shiller 20 Market Price	18.29	18.29	18.29	18.46	19.12	19.68	20.02	19.21	17.26	15.19	13.51	12.10	11.18	10.17
	<b>Subtotal</b>	-2	-2	-5	-5.5	-10.5	-4.5	-4.5	1.5	16	19	11	-0.5	2.5	10.5
<b>Inflation</b>															
	CPI	7.00	7.00	6.80	6.20	5.40	5.30	5.40	5.40	5.00	4.20	2.60	1.70	1.40	1.40
	Core CPI	5.50	5.50	4.90	4.60	4.00	4.00	4.30	4.50	3.80	3.00	1.60	1.30	1.40	1.60
	PPI	12.20	12.20	13.30	12.70	11.80	10.70	9.90	9.70	8.70	9.70	5.90	2.50	0.40	-0.80
	Core PPI	6.50	6.50	6.00	5.60	5.20	4.60	4.30	3.70	3.00	2.30	2.00	1.70	1.60	1.30
	PCE	5.80	5.80	5.70	5.10	4.40	4.20	4.20	4.00	4.00	3.60	2.50	1.60	1.40	1.30
	Core PCE	4.85	4.85	4.66	4.16	3.70	3.60	3.60	3.59	3.46	3.08	1.97	1.49	1.51	1.48
	<b>Subtotal</b>	18	18	18	18	14	18	18	18	18	18	14.5	8.5	8	-1
<b>Consumer</b>															
	Michigan Confidence	-14.94	-12.52	-12.35	-12.35	-9.45	-5.13	12.00	9.48	14.66	22.98	-4.71	-23.96	-20.84	-18.73
	Personal Income	7.30	7.30	7.60	6.00	5.10	6.90	3.50	3.10	1.90	-0.20	29.50	5.00	13.90	4.80
	Personal Savings (R)	7.90	7.90	7.20	7.10	8.10	9.80	10.50	9.50	10.40	12.60	26.60	13.50	19.90	14.00
	Personal Spending	13.30	13.30	13.40	12.30	11.10	12.10	11.90	13.80	19.70	29.90	12.30	-0.60	0.60	-2.00
	Retail Sales	16.90	16.90	18.20	16.20	14.20	15.70	15.30	18.90	28.00	53.40	29.70	6.50	9.40	2.30
	Auto Sales	-23.54	-23.54	-17.30	-19.86	-25.46	-14.02	1.58	17.70	39.15	115.73	56.11	-6.89	-1.25	-2.57
	<b>Subtotal</b>	8	8	4	4.5	-4.5	-3.5	-1	3.5	11.5	10.5	10.5	2	4	-6.5
<b>CTI US Heatmap index</b>															
		34.5	34.5	22.5	18.5	-6.5	0.5	7.5	42	74.5	80.5	64	8	29.5	27
<b>Citigroup Eco. Surpr. Index US</b>															
		-2.70	19.50	22.50	-16.10	-33.20	-56.30	-13.80	18.80	4.40	42.00	28.10	86.50	65.30	48.20
<b>S&amp;P 500</b>															
		4373.71	4766.18	4567.00	4605.38	4307.54	4522.68	4395.26	4297.50	4204.11	4181.17	3972.89	3811.15	3714.24	3756.07
<b>US 30YR Yield</b>															
		2.08	1.90	1.79	1.93	2.04	1.93	1.89	2.09	2.28	2.30	2.41	2.15	1.83	1.64

Stronger

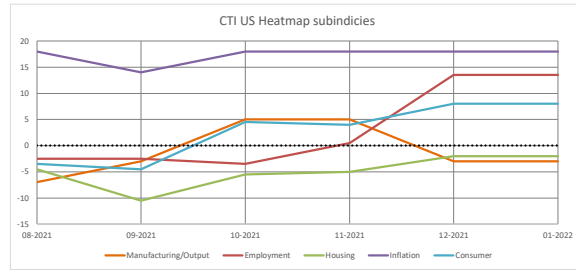
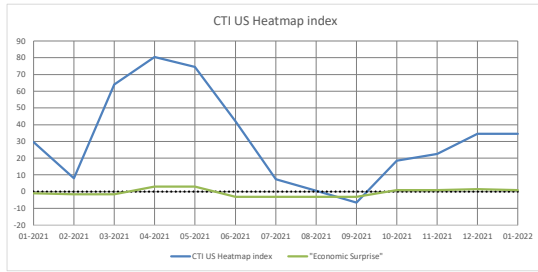
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Weaker

US Economic Indicators Heatmap



Indices tracking



Changes to our indices

	1 Month	3 Months	6 Months	12 Months
CTI US Heatmap index	12	16	27	5
Manufacturing/Output	-8	-8	0	-20
Employment	13	17	15.5	15.5
Housing	3	3.5	2.5	-4.5
Inflation	0	0	0	10
Consumer	4	3.5	9	4

\* Changes: Actual value of Heatmap - Value of # months prior

# Canada Economic Indicators Heatmap



Category

Indicator

Year over Year Change (Unless Otherwise Noted)

	Most recent	2021-12-31	2021-11-30	2021-10-31	2021-09-30	2021-08-31	2021-07-31	2021-06-30	2021-05-31	2021-04-30	2021-03-31	2021-02-28	2021-01-31	2020-12-31
<b>Manufacturing/Output</b>														
RBC Can manu. PMI (Actual)	56.5	56.5	57.2	57.7	57	57.2	56.2	56.5	57	57.2	58.5	54.8	54.4	57.9
Manufacturing sales	16.95	16.95	16.95	13.81	9.04	14.83	12.34	22.22	44.05	61.39	18.76	-0.32	1.94	-3.60
Manufacturing new order	29.14	29.14	29.14	18.91	10.13	19.12	14.39	32.99	79.15	36.44	20.24	-5.87	5.41	-1.35
Real GDP all industries	3.80	3.80	3.80	3.80	3.60	4.30	4.70	7.00	12.30	18.00	6.20	-2.80	-2.70	-3.10
Wholesale Trade	11.90	11.90	11.90	9.30	7.90	8.20	8.00	14.60	38.30	46.30	13.40	6.00	8.20	5.30
IVEY PMI (Actual)	51.10	51.10	61.20	61.20	64.50	63.80	59.80	67.70	59.80	59.90	67.30	63.10	55.70	53.90
<b>Subtotal</b>	5.5	5.5	10	14	-2	2	-6	14	14	18	18	4.5	6.5	8
<b>Employment</b>														
Unemployment rate (Actual) ( R)	6.00	6.00	6.10	6.80	7.00	7.10	7.40	7.60	8.00	8.00	7.50	8.30	9.40	8.90
Net chge f/t labor force (actual)	142.80	142.80	63.40	32.80	213.30	41.50	67.60	-41.70	12.10	-119.30	160.00	95.50	9.10	61.90
Employment non agricultural	5.05	5.05	4.52	3.87	4.28	5.54	6.27	8.31	13.19	15.78	4.06	-2.91	-4.25	-3.06
Total emp. avrg weekly wages	2.98	2.98	3.15	2.17	2.01	1.37	0.37	-0.77	-2.27	-2.80	0.95	4.97	7.07	5.70
Labor force change	1.55	1.55	1.35	1.03	1.54	1.75	2.11	2.69	6.18	9.12	3.40	-0.29	-0.38	0.25
IVEY - Employment (Actual)	53.80	53.80	56.60	62.90	63.00	62.30	61.50	66.70	61.80	57.10	62.10	55.60	46.40	49.40
<b>Subtotal</b>	9	9	5.5	4	4	7.5	7.5	-2.5	6	4.5	11.5	5	-10.5	4.5
<b>Housing</b>														
Housing Total starts	1.32	1.32	17.85	4.23	18.05	-0.81	11.83	31.80	45.30	69.31	70.85	28.49	49.52	16.78
Value of building permits	15.55	15.55	15.55	20.00	5.84	19.10	22.19	24.17	23.83	75.25	47.40	23.23	11.92	4.73
New housing price	11.60	11.60	11.70	11.50	11.30	12.20	11.90	11.90	11.30	9.90	7.90	7.00	5.40	4.60
Teranet home price index	15.47	15.47	15.16	15.75	17.26	18.37	17.85	15.99	13.75	11.88	10.77	9.76	9.58	9.36
<b>Subtotal</b>	-0.5	-0.5	-2	-5.5	-2.5	3.5	2.5	2	10	10	10	10	10	5.5
<b>Inflation</b>														
CPI	4.80	4.80	4.70	4.70	4.40	4.10	3.70	3.10	3.60	3.40	2.20	1.10	1.00	0.70
CPI ex food & energy	3.40	3.40	3.10	3.20	3.30	3.00	2.80	2.20	2.40	1.80	0.90	0.80	1.40	1.10
Industrial product price	18.11	18.11	18.11	16.75	15.08	14.49	16.04	17.35	17.26	14.95	10.41	7.40	4.30	2.10
Raw materials price	36.22	36.22	36.22	38.53	32.47	27.46	38.59	37.94	40.14	56.11	34.58		5.80	-0.89
IVEY - Price (Actual)	78.80	78.80	78.30	84.00	79.50	72.40	77.70	81.40	79.40	77.60	74.30		76.10	69.70
<b>Subtotal</b>	11	11	15	11	3	3	11	15	15	15	10.5	10	13.5	12
<b>Consumer</b>														
Nanos eco. mood index(Actual)	57.76	58.18	59.75	58.82	60.86	62.63	64.52	65.78	65.80	63.60	63.73	59.38	56.21	55.09
Consu. credit total busi. & house	0.00	0.00	0.00	0.00	0.00	0.40	0.37	0.25	0.10	-0.09	0.49	1.55	1.83	2.26
Retail sales	4.40	4.40	4.40	5.50	5.10	8.00	5.80	6.10	25.00	57.20	24.90	6.50	2.50	1.30
Retail sales new car dealership	0.17	0.17	0.17	2.65	-0.41	9.10	8.50	7.68	73.39	223.42	71.97	0.97	-5.03	-7.68
Retail sales electro. & appliance	-16.66	-16.66	-16.66	-6.21	-6.64	-3.59	-1.57	1.78	11.86	30.85	35.05	22.23	12.96	8.08
<b>Subtotal</b>	-10.5	-10.5	-10	-9.5	-10.5	-4.5	-0.5	-3.5	5	9	9	-3.5	-7	-7
<b>CTI Can Heatmap index</b>	14.5	14.5	18.5	14	-8	11.5	14.5	25	50	56.5	59	26	12.5	23
Citigroup Eco. Surpr. Index Can	19.50	1.68	25.70	31.60	26.30	16.20	31.10	93.00	105.00	46.10	38.70	9.80	52.60	59.80
S&P TSX	20,641	21,223	20,660	21,037	20,070	20,583	20,288	20,166	19,731	19,108	18,701	18,060	17,337	17,433
Can 30YR Yield	2.00	1.68	1.89	2.00	1.99	1.78	1.76	1.84	2.03	2.08	1.98	1.76	1.47	1.21

(R) Reverse Formatting

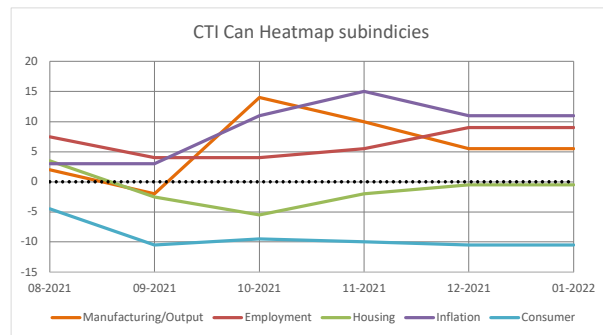
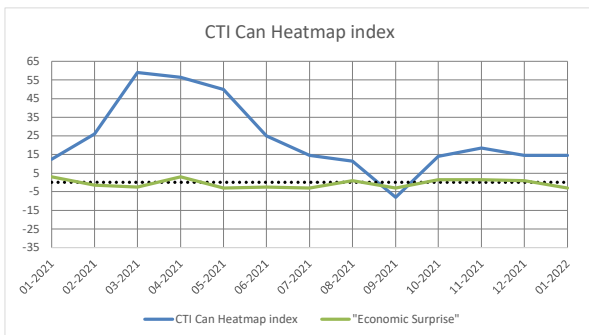
Stronger

Weaker

# Canada Economic Indicators Heatmap



## Indices tracking



## Changes to our indices

	1 Month	3 Months	6 Months	12 Months
CTI Can Heatmap index	-4.0	0.5	0.0	2.0
Manufacturing/Output	-4.5	-8.5	11.5	-1.0
Employment	3.5	5.0	1.5	19.5
Housing	1.5	5.0	-3.0	-10.5
Inflation	-4.0	0.0	0.0	-2.5
Consumer	-0.5	-1.0	-10.0	-3.5

\* Changes: Actual value of Heatmap - Value of # months prior