



US NCI™

Now-Casting Index

Released: 17:00 GMT, 15th December, 2017

Next release: 17:00 GMT, 17th January, 2018

www.now-casting.com

Bloomberg: NCIXUS

US economic growth on improving trend

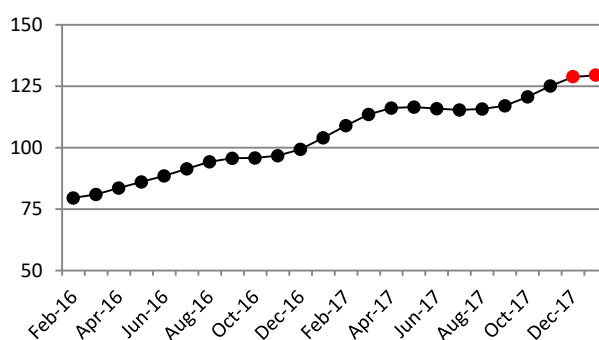
- The US NCI™ is at 128.81 in December, up from 125.13 in November, and it is expected to rise further to 129.42 in January 2018.
- However, an overall negative balance of surprises in the data released over the past month has caused a downward revision of the level of the NCI™.

NCI™ release data

reference period	NCI™ Release Dates	
	16/11/2017	15/12/2017
Nov-17	128.86 (A)	125.13 (U)
Dec-17	134.45 (F)	128.81 (A)
Jan-18	--	129.42 (F)

Notes: (A), ACTUAL, denotes the estimate of economic activity for the current month; (F), FORECAST, the forecast for next month; (U) UPDATED, denotes updates reflecting data released since the last NCI publication date. Source: Now-Casting Economics Ltd

Revised NCI™ history



The newsflow: macroeconomic data releases since last month's NCI™

Release Date	Release Name	Reference Period	Model Unit	Release Value*	Model Expectation	Impact of Data Releases	
						US NCI™ November	US NCI™ December
15/12/2017	Industrial Production	Nov-17	MoM %	0.28	0.36	-0.43	-0.63
15/12/2017	Capacity Utilization: Industry	Nov-17	Rate %	77.10	77.13	-0.29	-0.43
14/12/2017	PMI: Svcs Business Activity Index	Dec-17	MoM %	52.42	54.76	-0.02	-0.05
14/12/2017	PMI: Manufacturing	Dec-17	Index	54.98	53.95	0.01	0.27
14/12/2017	Retail Sales	Nov-17	MoM %	0.79	1.10	-0.08	-0.17
08/12/2017	Uni. of Michigan: Consumer Sentiment	Dec-17	Index	96.80	94.28	0.01	0.01
08/12/2017	Change in Nonfarm Payrolls	Nov-17	Thousands	228.00	258.33	-0.12	-0.21
06/12/2017	Change in ADP Nonfarm Pvt Payroll Empl.	Nov-17	Thousands	125,300.00	224.42	0.01	-0.26
05/12/2017	ISM Nonmanufacturing Composite Index	Nov-17	Index	57.40	59.31	-0.30	-0.81
05/12/2017	Imports	Oct-17	MoM %	1.79	2.15	-0.10	-0.12
05/12/2017	Exports	Oct-17	MoM %	-0.25	1.93	-0.45	-0.57
01/12/2017	ISM Mfg: PMI Composite Index	Nov-17	Index	58.20	58.37	0.01	0.03
30/11/2017	MNI Chicago Business Barometer	Nov-17	Index	63.90	63.94	-0.01	-0.02
30/11/2017	Real Personal Consumption Expenditure	Oct-17	MoM %	0.11	0.39	-0.22	-0.33
30/11/2017	Real Disposable Personal Income	Oct-17	MoM %	0.31	0.44	-0.01	-0.02
28/11/2017	Conf. Board: Consumer Confidence Index	Nov-17	Index	129.50	126.69	0.12	0.20
24/11/2017	PMI: Svcs Business Activity Index	Nov-17	MoM %	54.67	55.38	-0.01	-0.03
24/11/2017	PMI: Manufacturing	Nov-17	Index	53.80	54.99	-0.18	-0.69
22/11/2017	Manufs' Inventories: Durable Goods	Oct-17	MoM %	0.13	0.71	-0.85	-1.08
22/11/2017	Manufs' New Orders: Durable Goods	Oct-17	MoM %	-1.18	1.81	-0.33	-0.40
22/11/2017	Manufs' Unfilled Orders: Durable Goods	Oct-17	MoM %	-0.04	0.74	-0.35	-0.44
17/11/2017	Kansas City Fed Mfg Survey	Nov-17	Index	16.00	18.53	-0.28	-0.63
17/11/2017	New Private Housing Units Authorized	Oct-17	MoM %	5.88	1.90	0.01	0.09
17/11/2017	Housing Starts	Oct-17	MoM %	13.66	3.81	-0.02	0.09
						-3.88	-6.20



US NCI™

Now-Casting Index

For further information, please contact:

Now-Casting Economics Limited

Jasper McMahan

+44 (0)7802 485904

jasper.mcmahan@now-casting.com

Notes

What is the NCI™? The Now-Casting Index - NCI™ - is an index that measures the state of the business cycle. It is calculated from a broad set of economic indicators.

How to read the NCI™? The NCI™ is normalized to have a mean value of 100 and a standard deviation of 25 calculated over the estimation sample, which starts in 1995. Values above 100 indicate that real activity is growing above the mean.

NCI™ updates The NCI™ is updated in relation to surprises in data releases (*news*) computed as the difference between the release value and model-based now-cast for each input indicator. The weights attached to each *news* are also model-based.

Impact of data releases The impact of each data release on the NCI™ is the product of the economic *news* associated with that release and a model-based weight which reflects the importance of each variable and is a function of its timeliness. 'News' is defined in this context as the difference between the actual value of a release and the model's expectation of that value.

Impact of revisions The difference between the value of the NCI™ released today and the forecast of it made a month ago may be more or less than the total impact of all the releases listed in the table on page 1, because of the impact of any revisions to prior data releases made during this period.

Source of data The Now-Casting Index for the US is produced by Now-Casting Economics Limited and is based on a model built on monthly and quarterly economic indicators covering production, labour, construction, domestic and international trade, services and surveys. Raw data are supplied by Haver Analytics. Now-Casting Economics releases the US NCI™ monthly for the current month together with a forecast for the next month and updates to the previous release. Forecast updates are based on data released since the last NCI™ publication. The model is estimated in real-time at each data release; now-casts of GDP and other macroeconomic series are published live within 30 minutes of the data release.

Now-Casting model The NCI™ is an output of the Now-Casting model, which is designed to capture commonalities among macroeconomic data while filtering out idiosyncratic noise. The model produces estimates of the real economic conditions in different countries in real time, taking into account non-synchronous data sampled at mixed frequency. The NCI™ and its revisions are produced automatically, without judgment or other intervention. The deep parameters of Now-Casting model are estimated at the beginning of every year; the NCI™ is the result of a pure out-of-sample forecast. Normalization is updated at the beginning of every year in concomitance with updates of deep parameters.

Now-Casting Economics Limited is a company delivering high-frequency information on current conditions in the world's major economies. The service covers the US, the Euro Area, China, Japan, Germany, France, Italy, Spain, the UK, Canada and Brazil, and is available by subscription. Weekly now-casts for the Euro Area are available free on the Now-Casting web site (www.now-casting.com).

Legal The intellectual property rights to the US NCI™ provided herein are owned by Now-Casting Economics Limited. Any unauthorised use, including but not limited to copying, distributing, transmitting or otherwise of any data appearing in this release is not permitted without Now-Casting Economics' prior consent. Now-Casting Economics shall not have any liability, duty or obligation for or relating to the content or information ("data") contained herein, any errors, inaccuracies, omissions or delays in the data, or for any actions taken in reliance thereon. In no event shall Now-Casting Economics be liable for any special, incidental, or consequential damages, arising out of the use of the data. NCI™ is a registered trademark of Now-Casting Economics Limited. The Now-Casting.com logo is a registered trademark of Now-Casting Economics Limited.