



US NCI™
Now-Casting Index

Released: 17:00 GMT, 17th November, 2015

Next release: 15:00 GMT, 16th December, 2015

www.now-casting.com

Bloomberg: NCIXUS

US economic growth rate stable with some upside potential

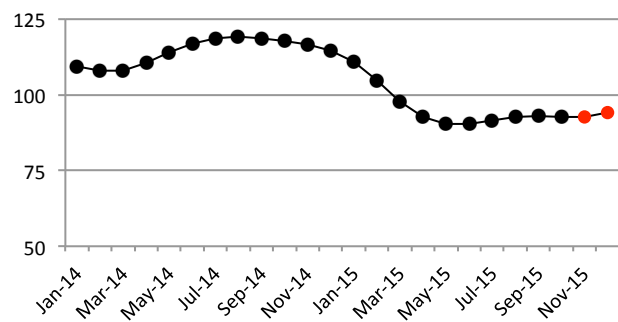
- The US NCI™ is at 92.55 for November, compared to 92.60 for October, and is expected to rise to 93.99 for December. Having settled at a below average rate since the Spring, the latest data suggest some acceleration towards the end of the year.
- Positive surprises in the data flow – particularly in October Nonfarm Payrolls, and in the MNI Chicago Business Barometer – helped to pull the level of the NCI™ series upwards from last month’s level.

NCI™ release data

reference period	NCI™ Release Dates	
	16/10/15	17/11/15
Oct-15	91.71 (A)	92.60 (U)
Nov-15	89.34 (F)	92.55 (A)
Dec-15	--	93.99 (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™ October	US NCI™ November
17/11/15	Capacity Utilization: Industry	Oct-15	Level %	77.50	77.64	-0.16	-0.24
17/11/15	Industrial Production	Oct-15	MoM %	-0.19	0.12	-0.35	-0.52
13/11/15	U Mich: Consumer Sentiment	Nov-15	Index	93.10	88.85	-0.01	-0.03
13/11/15	Retail Sales	Oct-15	MoM %	0.00	0.24	-0.06	-0.12
06/11/15	Change in Nonfarm Payrolls	Oct-15	Thousands	271	102	0.62	1.04
04/11/15	ISM Nonmanufacturing Composite Index	Oct-15	Index	59.10	55.83	0.67	1.44
04/11/15	Imports	Sep-15	MoM %	-2.28	-0.17	-0.51	-0.61
04/11/15	Exports	Sep-15	MoM %	2.32	0.65	0.31	0.39
04/11/15	Change in ADP Nonfarm Payrolls	Oct-15	Thousands	181	182	0.00	-0.01
02/11/15	ISM Mfg: PMI Composite Index	Oct-15	Index	50.10	50.71	-0.16	-0.48
30/10/15	MNI Chicago Business Barometer	Oct-15	Index	56.20	50.28	1.13	2.45
30/10/15	Real Disposable Personal Income	Sep-15	MoM %	0.22	0.13	0.01	0.01
30/10/15	Real Personal Consumption Expenditure	Sep-15	MoM %	0.21	0.07	0.09	0.14
29/10/15	Real Gross Domestic Product	Q3'15	QoQ %	0.37	0.37	-0.19	-0.18
27/10/15	Conf Board: Consumer Confidence	Oct-15	Index	97.60	103.72	-0.25	-0.40
27/10/15	PMI: Svcs Business Activity Index	Oct-15	MoM %	54.35	55.39	-0.01	-0.02
27/10/15	Durable Goods: Mfrs' Inventories	Sep-15	MoM %	-0.31	0.07	-0.48	-0.61
27/10/15	Durable Goods: Mfrs' New Orders	Sep-15	MoM %	-1.22	0.55	-0.18	-0.22
27/10/15	Durable Goods: Mfrs' Unfilled Orders	Sep-15	MoM %	-0.55	0.13	-0.28	-0.34
23/10/15	PMI: Manufacturing	Oct-15	Index	53.99	52.50	0.21	0.74
22/10/15	Kansas City Fed Mfg Survey	Oct-15	Index	-1.00	4.85	0.28	0.57
20/10/15	Housing Starts	Sep-15	MoM %	6.54	-1.28	0.02	0.13
						1.58	3.46

Source: Now-Casting Economics Ltd and Official Data

Note: Released values are expressed in Model Units



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For further information, please contact:

Now-Casting Economics Limited

Jasper McMahon

+44 (0)7802 485904

jasper.mcmahon@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).

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