



# Euro Area NCI™

## Now-Casting Index

Released: 12:00 GMT, 12<sup>th</sup> July, 2017Next release: 12:00 GMT, 14<sup>th</sup> August, 2017

www.now-casting.com

Bloomberg: NCIXEA

### Euro Area's economic growth continues on improving trend

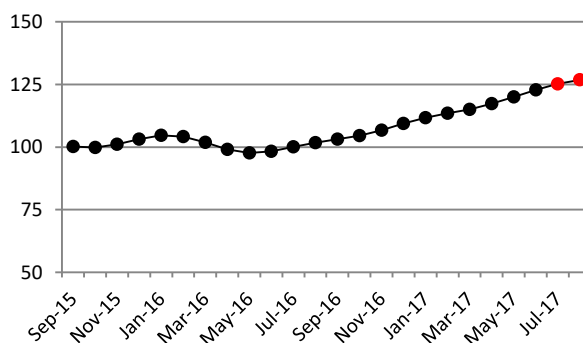
- The Euro Area NCI™ is at 125.21 for July, up from 122.87 in June, and is forecast to rise further to 126.84 in August.
- The level of the NCI™ series has been revised downwards slightly as a consequence of the overall negative balance of surprises in the data releases of the past month.

#### NCI™ release data

reference period	NCI™ Release Dates	
	14/06/2017	12/07/2017
Jun-17	124.59 (A)	122.87 (U)
Jul-17	126.29 (F)	125.21 (A)
Aug-17	--	126.84 (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™

#### Releases for the Euro Area as a whole

						Impact of Data Releases	
Release Date	Release Name	Reference Period	Model Unit	Release Value*	Model Expectation	EA NCI™ June	EA NCI™ July
12/07/2017	Industrial Production Excl Construction	May-17	MoM %	1.31	1.42	0.70	0.93
05/07/2017	Retail Sales	May-17	MoM %	0.38	0.17	0.04	0.05
29/06/2017	Business Climate Indicator	Jun-17	Index	1.15	0.87	-0.19	-0.01
27/06/2017	Orders	Apr-17	MoM %	-0.56	0.35	-0.17	-0.20
23/06/2017	Industrial Turnover: Manufacturing	Apr-17	MoM %	-0.09	0.70	-0.40	-0.45
23/06/2017	PMI: Manufacturing	Jun-17	Index	57.28	56.98	0.09	0.30
23/06/2017	PMI: Services	Jun-17	Index	54.67	56.35	-0.41	-0.74
22/06/2017	Consumer Confidence Indicator	Jun-17	Index	-1.30	-2.58	0.17	0.26
22/06/2017	Consumer Confidence Indicator	Jun-17	Index	-1.30	-2.58	0.17	0.26
19/06/2017	Construction Output	Apr-17	MoM %	0.32	-0.17	0.09	0.10
16/06/2017	New Passenger Car Registrations	May-17	YoY %	7.63	-2.68	0.20	0.31
15/06/2017	Imports	Apr-17	MoM %	-0.80	1.91	-0.48	-0.54
15/06/2017	Exports	Apr-17	MoM %	-2.08	0.91	-0.57	-0.65
						<b>-0.76</b>	<b>-0.38</b>

Note: Released values are expressed in Model Units

Source: Now-Casting Economics Ltd and Official Data Sources



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Releases for France						Impact of Data Releases	
Release Date	Release Name	Reference Period	Model Unit	Release Value*	Model Expectation	EA NCITM June	EA NCITM July
07/07/2017	Industrial Production Excl Construction	May-17	MoM %	2.04	1.24	0.19	0.25
07/07/2017	Imports	May-17	MoM %	2.20	2.03	0.02	0.02
07/07/2017	Exports	May-17	MoM %	4.33	3.12	0.10	0.14
07/07/2017	Construction Output	May-17	MoM %	-1.27	-1.15	-0.01	-0.01
03/07/2017	New Passenger Car Registrations	Jun-17	YoY %	1.58	4.64	-0.01	-0.02
30/06/2017	Industrial Turnover: Manufacturing	Apr-17	MoM %	-4.03	-0.73	-0.70	-0.75
30/06/2017	Retail Sales	Apr-17	MoM %	-0.33	0.35	-0.01	-0.01
30/06/2017	Household Consumption: Manuf Goods	May-17	MoM %	0.85	0.46	0.04	0.06
28/06/2017	Household Confidence Indicator	Jun-17	Index	107.94	103.60	-0.12	-0.22
26/06/2017	Registered Unemployed	May-17	Thousands	3,494.10	3,460.51	-0.66	-0.74
23/06/2017	PMI: Services	Jun-17	Index	55.32	57.62	-0.24	-0.59
23/06/2017	PMI: Manufacturing	Jun-17	Index	55.03	54.28	0.18	0.47
22/06/2017	Business Climate Indicator: Industry	Jun-17	Index	106.50	105.13	0.26	0.88
						<b>-0.96</b>	<b>-0.52</b>
Releases for Germany						Impact of Data Releases	
Release Date	Release Name	Reference Period	Model Unit	Release Value*	Model Expectation	EA NCITM June	EA NCITM July
10/07/2017	Imports	May-17	MoM %	1.21	0.73	0.02	0.03
10/07/2017	Exports	May-17	MoM %	1.45	0.88	0.03	0.05
07/07/2017	Construction Output	May-17	MoM %	-0.50	1.00	0.00	-0.01
07/07/2017	Industrial Production	May-17	MoM %	1.15	0.18	0.25	0.34
06/07/2017	Orders	May-17	MoM %	0.97	1.62	-0.07	-0.10
04/07/2017	New Passenger Car Registrations	Jun-17	YoY %	-3.50	5.78	-0.01	-0.03
30/06/2017	Job Vacancies	Jun-17	MoM %	1.27	0.98	0.02	0.03
30/06/2017	Retail Sales	May-17	MoM %	0.45	0.21	0.01	0.01
29/06/2017	GfK Consumer Climate Indicator	Jul-17	Index	10.30	10.28	0.00	0.00
26/06/2017	Ifo Business Climate Index	Jun-17	Index	115.10	114.47	-0.01	0.12
23/06/2017	PMI: Services	Jun-17	Index	53.69	55.74	-0.13	-0.26
						<b>0.11</b>	<b>0.18</b>
Releases for Italy						Impact of Data Releases	
Release Date	Release Name	Reference Period	Model Unit	Release Value*	Model Expectation	EA NCITM June	EA NCITM July
11/07/2017	Industrial Production Excl Construction	May-17	MoM %	0.74	0.41	0.10	0.12
07/07/2017	Retail Sales	May-17	MoM %	-0.11	0.24	-0.04	-0.04
05/07/2017	PMI: Services	Jun-17	Index	53.59	55.23	-0.09	-0.19
03/07/2017	New Passenger Car Registrations	Jun-17	YoY %	12.88	6.80	0.03	0.05
03/07/2017	PMI: Manufacturing	Jun-17	Index	55.17	55.16	0.00	0.00
27/06/2017	ISTAT Business Confidence Indicator	Jun-17	Index	106.40	106.25	0.00	0.01
27/06/2017	ISTAT Consumer Confidence Indicator	Jun-17	Index	106.40	106.40	0.00	0.00
23/06/2017	Orders	Apr-17	MoM %	-0.68	1.25	-0.03	-0.03
23/06/2017	Industrial Turnover	Apr-17	MoM %	-0.49	-0.30	-0.02	-0.02
19/06/2017	Construction Output	Apr-17	MoM %	-4.07	-0.87	-0.05	-0.05
16/06/2017	Exports	Apr-17	MoM %	-1.79	-1.21	-0.04	-0.03
16/06/2017	Imports	Apr-17	MoM %	-0.61	1.13	-0.13	-0.13
						<b>-0.27</b>	<b>-0.31</b>

Note: Released values are expressed in Model Units

Source: Now-Casting Economics Ltd and Official Data Sources

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#### 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 Euro Area 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 Euro Area 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](http://www.now-casting.com)).

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