



Producing Turnover Indices in Industry at INE Spain

Dissemination of ITI

Workshop on Turnover Indices

Muscat, 22-24 May 2017

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1. Monthly press-release: press-release and table annex.
2. Monthly results in the corresponding base: indices; calendar adjusted indices; seasonally and calendar adjusted indices.
3. Every five years: update of weights.
4. Methodology: to update in case of changes.



All users have access to the data since 9 am on the press release day.

Users are informed that the data are being released via Twitter and also at INE Spain website "News flash" section.

The screenshot shows the INE Spain website interface. At the top left is the INE logo and name. A navigation menu contains six items: 01 INE, 02 INEbase and Employment, 03 Methods and Projects, 04 Training and Employment, 05 Press, 06 Products and Services, Electoral Census, and Electronic Office. A search bar is on the top right. Below the navigation menu is a sidebar with categories like 'Participants in INE surveys', 'The statistical information', and various economic sectors. The main content area features a 'News flash' section, which is circled in red. This section lists several news items with dates and titles, such as '04 May 17. Tourist Expenditure Survey. Egatur' and '04 May 17. Export and Import Price Indices for Industrial Products'. A red arrow points from the bottom left towards the 'Labour market' category in the sidebar.



Sections

Latest data disseminated

02 INEbase / Industry ... / Industry ... / **Industrial Turnover Indices**

Latest data

Results

Methodology

Publications

Related links

Industrial Turnover Indices - February 2017

	Annual variation in the original series	Annual variation in the corrected series
General index	4.9%	8.6%
Consumer goods	0.1%	4.7%
Capital goods	0.8%	6.6%
Intermediate goods	4.5%	5.3%
Energy	55.5%	55.8%

Seasonally and calendar adjusted series

Latest data

February 2017 Published: 24/04/2017

Direct access to ...

[Press release](#)

[Dissemination calendar](#)

Industrial Turnover Indices (ITI) are short term indicators whose objective is to measure the monthly development of demand directed at industrial branches excluding construction.

The information necessary for its elaboration started to be covered in January 2002, together with the **Industrial New Orders Received Indices**, via the setting up of a continuous survey that investigates every month more than 11.000 industrial establishments distributed around the whole country.

Brief
introduction





Graphics

Headlines

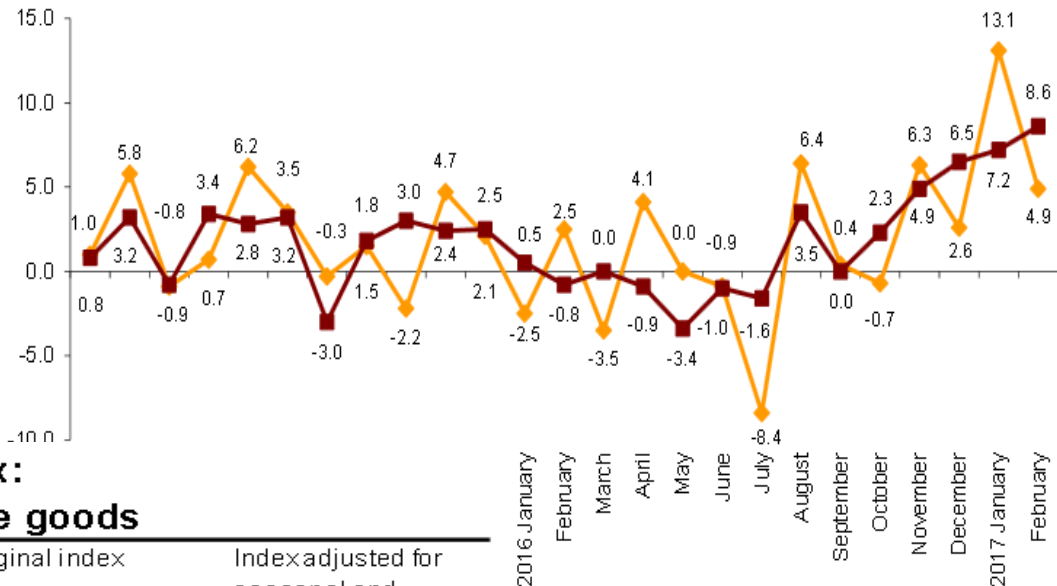
24 April 2017

Industrial Turnover Rates (in Spanish ICN). I
February 2017. *Provisional data*

The monthly variation of the General Industry stands at **0.9%**, if seasonal and calendar effects

The annual rate stands at **8.6%** in the series adjusted and calendar effects and at **4.9%** in the original series

General Industrial Turnover Index
Annual rates



Annual rates of the Turnover National Index: General and by economic destination of the goods

	Original index	Index adjusted for seasonal and calendar effects
	Annual rate (%)	Annual rate (%)
GENERAL INDEX	4.9	8.6
1. Consumer goods	0.1	4.7
1.1. Durable consumer goods	-2.2	1.8
1.2. Non-durable consumer goods	0.3	4.3
2. Capital goods	0.8	6.6
3. Intermediate goods	4.5	5.3
4. Energy*	55.5	55.8

* Except supply of electrical energy, gas, steam, air conditioning and water.

Tables



1. Turnover indices¹

Adjusted for seasonal and calendar effects

	Index	Rate (%)		
		Monthly	Annual	Year-to-date average
GENERAL INDEX	108.6	0.9	8.6	7.9
1. Consumer goods	108.2	1.8	4.7	3.7
1.1. Durable consumer goods	73.2	3.2	1.8	-0.9
1.2. Non-durable consumer goods	109.3	0.9	4.3	3.8
2. Capital goods	122.6	2.8	6.6	4.6
3. Intermediate goods	100.5	0.7	5.3	5.4
4. Energy*	115.4	-7.6	55.8	58.9

¹ Regulation (EC) no. 656/2007 of the Commission of 14 June 2007.

* Except supply of electrical energy, gas, steam, air conditioning and water.

5. Turnover indices: General and by markets

Originals series

	Index	Rate (%)	
		Annual	Year-to-date average
GENERAL INDEX	104.6	4.9	8.7
1. Domestic market	88.6	5.6	9.5
2. Foreign market	129.8	2.2	6.3
2.1. Foreign market, euro zone	132.1	4.1	6.7
2.2. Foreign market, non euro zone	126.0	-1.7	5.3

Activities

	Index	Rate (%)	
		Annual	Year-to-date average
GENERAL INDEX	104.6	4.9	8.7
B. Mining and quarrying industries	73.5	3.7	3.7
Extraction of anthracite, coal and lignite	37.6	43.0	43.0
Extraction of crude oil, petroleum and natural gas
Other mining and quarrying	79.4	1.0	1.0
C. Manufacturing industry	104.9	4.9	4.9
Food industry	110.2	3.2	3.2
Manufacture of beverages	74.3	-6.7	-6.7
Manufacture of tobacco	32.4	-52.2	-52.2
Textile industry	101.9	-3.1	-3.1
Manufacture of garments	87.8	-2.7	-2.7
Leather and footwear industry	121.7	-12.1	-12.1
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	87.2	2.1	2.1
Paper industry	95.7	-3.4	-3.4

6. Turnover indices: National and by Autonomous Community

Originals series

	Index	Rate (%)	
		Annual	Year-to-date average
NATIONAL	104.6	4.9	8.7
Andalucía	103.3	14.4	19.3
Aragón	118.7	6.6	4.1
Asturias, Principado de	77.8	1.7	12.6
Balears, Illes	67.5	-10.6	-3.6
Canarias	48.3	-1.3	1.6
Cantabria	86.3	8.4	14.8
Castilla y León	112.9	-2.0	1.9
Castilla - La Mancha	94.3	8.0	11.5
Cataluña	107.4	4.4	8.6
Comunitat Valenciana	123.2	0.2	3.9
Extremadura	103.9	0.6	5.4
Galicia	91.4	-0.6	6.0
Madrid, Comunidad de	92.6	6.8	7.9
Murcia, Región de	136.3	22.2	25.1
Navarra, Comunidad Foral de	97.1	-1.3	5.6
Pais Vasco	99.3	5.1	8.0
Rioja, La	103.9	5.3	9.6



Índices de Cifra de Negocios y Entradas de Pedidos Encuesta Coyuntural sobre Stocks y Existencias

SI DESEA RECIBIR INFORMACIÓN COMPARATIVA DE SU ESTABLECIMIENTO CON EL SECTOR AL QUE PERTENECE CUMPLIMENTE LOS SIGUIENTES DATOS:

Activar suscripción

- Nombre del solicitante:

-Apellidos del solicitante

- e-mail al que remitir la
información:



Dear Sir/Madam,

This document contains the output obtained according to the data provided through the online questionnaire.

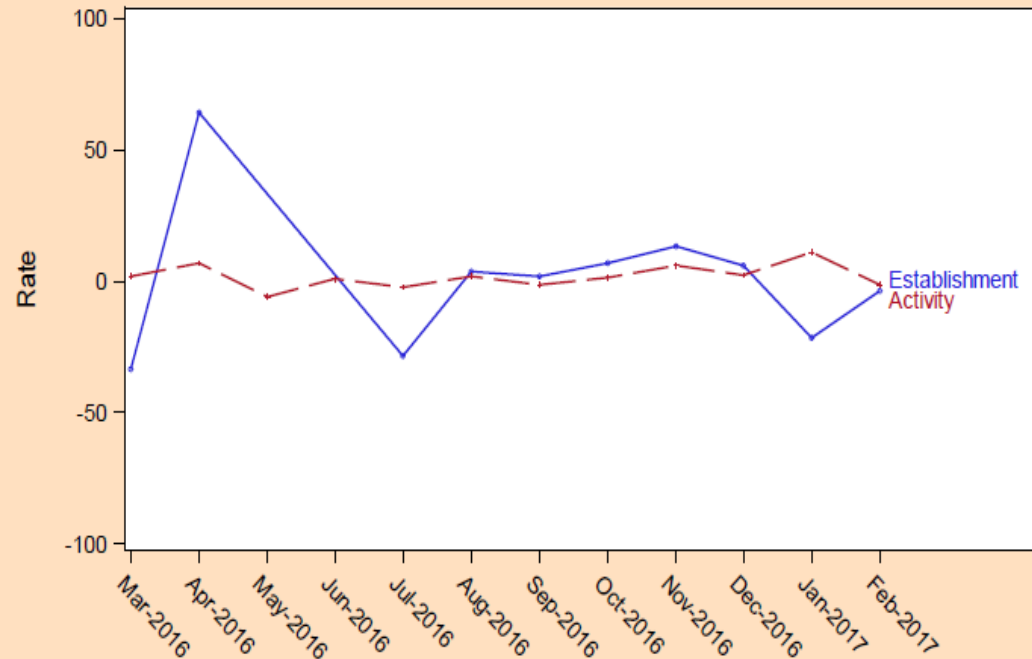
The Industrial Turnover and Industrial New Orders Received questionnaire filled in corresponds to the following:

Establishment: XX
Municipality: Madrid (Madrid)
Company: XX
Reference period: February 2017

Graphics

Introduction

Evolution of the turnover annual rate in your establishment and you activity sector



Data table

Variables studied in your company report	Mar_2016	Apr_2016	May_2016	Jun_2016	Jul_2016	Aug_2016	Sep_2016	Oct_2016	Nov_2016	Dec_2016	Jan_2017	Feb_2017
Turnover	2.793.125	3.028.024	3.080.975	2.418.916	1.743.171	2.234.906	4.325.283	3.085.734	2.365.018	2.198.737	1.871.025	2.049.222
Annual variation in % over the same month in the previous year	-33,78	64,37	*	*	-28,67	3,50	1,65	6,53	13,18	5,94	-21,82	-3,82
- Domestic market	1.451.468	1.659.292	1.580.987	1.394.491	953.849	1.438.666	1.817.986	1.976.855	1.517.086	1.280.279	924.714	764.096
- Non-domestic market (EU, euro zone)	722.424	759.882	870.687	470.779	321.791	305.239	1.442.811	671.762	446.224	367.511	482.081	726.647
- Non-domestic market (EU, non-euro zone)	162.296	135.825	81.218	118.930	94.743	84.159	188.493	92.765	148.905	77.119	75.493	89.145
- Non-domestic market (Rest of the world)	456.938	473.025	498.082	434.716	372.789	406.843	875.993	344.352	252.803	473.828	388.737	469.334



No data is provided (website, press-release, customized requests) if the number of units in the sample are less than 10 or the turnover of one unit represents >70% of the total turnover in the stratum.

Turnover Indices. Base 2010

National indices: General and Economic destination of the goods

Units: Index, Rates

Table Chart		Index					
		2017M02	2017M01	2016M12	2016M11	2016M10	2016M09
Extraction of crude petroleum and natural gas							

As the section B index is disseminated, then the "Extraction of anthracite, coal and lignite" effect has to be hidden.

Originals series

	Index	Rate (%)		Effect Annual
		Annual	Year-to-date average	
GENERAL INDEX	104.6	4.9	8.7	
B. Mining and quarrying industries	73.5	3.7	6.8	0.026
Extraction of anthracite, coal and lignite	37.6	43.0	25.9	
Extraction of crude oil, petroleum and natural gas
Other mining and quarrying	79.4	1.0	4.7	0.006



To carry out the seasonal adjustment of the ITI series, the INE standard has been followed.

TRAMO-SEATS program is been used to obtain, every month, the indices series disseminated on the web-site, also required by Eurostat.

+ Turnover Indices corrected for calendar effects. Base 2010

+ Turnover indices corrected seasonally adjusted and for calendar effects. Base 2010

Annually the ARIMA models are checked and updated. This revision includes: outliers localisation, regressors update, seasonal adjustment decomposition type, values of p , d , q . The models used are included in the metadata report available in the web-site.

The program used for the manual selection of models is Gretl.



- INE Spain Dissemination policy:

http://www.ine.es/en/ine/codigobp/politica_difusion_en.pdf

- INE Spain Confidentiality policy:

http://www.ine.es/en/ine/codigobp/politica_confidencialidad_en.pdf

- INE Spain Standard for adjusting seasonal and calendar effects in short-term series:

http://www.ine.es/en/clasifi/estandar_efectos_estacionales_en.pdf



Any question??