

Industrial Turnover Indices (ITI). Base 2010

January 2013 *Provisional data*

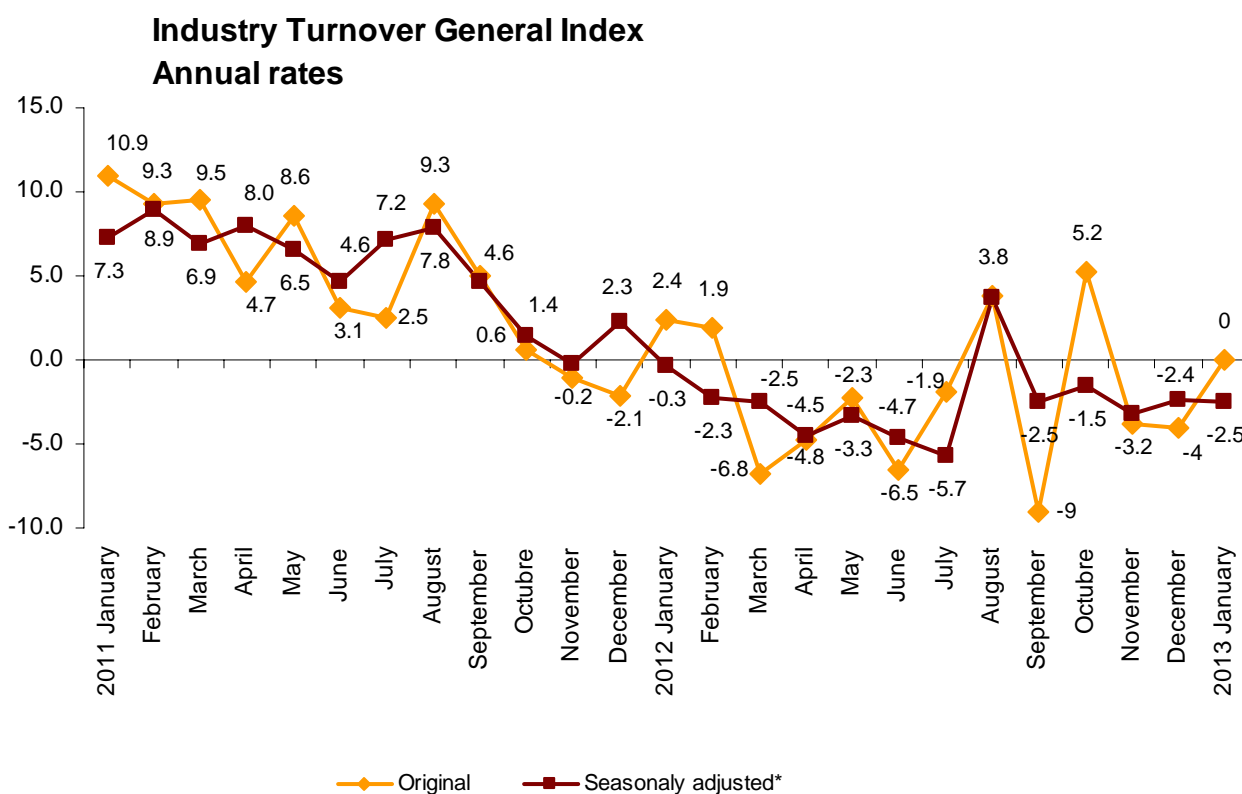
The annual rate of the Industrial Turnover Index stands at 0.0%, as compared with -4.0% in December

The monthly variation stands at -1.0%, after adjusting the seasonal and calendar effects

The INE published the first indices at 2010 base and starts disseminating them adjusted for seasonal and calendar effects

The General Industry Turnover Index (ITI) did not register any variation, as compared with January 2012. The annual rate of the original series (0.0%) was four points higher than that in December.

After adjusting the seasonal and calendar effects, the rate was -2.5%, close to that registered in December.



* Seasonally adjusted: Adjusted for seasonal and calendar effects.

Annual performance of the turnover by economic destination of the goods

All the industrial sectors registered negative annual rates in January, except for Non-durable consumer goods.

Non-durable consumer goods registered the greatest increase, with a 4.6% annual variation. In turn, Durable consumer goods registered the greatest drop, with a -5.8% rate.

National Indices by economy destination

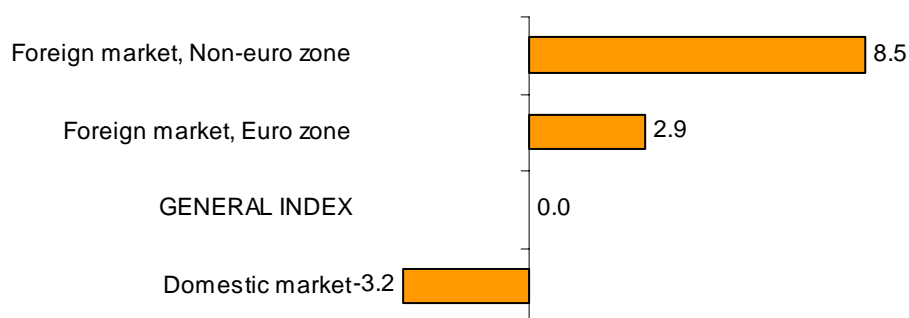
| | Original index | % of variation | | Seasonally adjusted index | % of variation | |
|---------------------------------|----------------|----------------|---------|---------------------------|----------------|---------|
| | | Annual | Monthly | | Annual | Monthly |
| GENERAL INDEX | 96.4 | 0.0 | 1.6 | 101.2 | -2.5 | -1.0 |
| 1. CONSUMER GOODS | 94.9 | 3.9 | 1.3 | 100.9 | 1.0 | 1.9 |
| 1.1. Durable consumer goods | 63.6 | -5.8 | -3.6 | 72.6 | -9.1 | 2.6 |
| 1.2. Non-durable consumer goods | 98.1 | 4.6 | 1.6 | 102.8 | 0.3 | 0.8 |
| 2. Capital goods | 82.0 | -2.9 | -15.5 | 91.3 | -5.1 | -6.7 |
| 3. Intermediate goods | 96.7 | -0.9 | 19.6 | 97.9 | -3.6 | 1.4 |
| 4. Energy | 142.8 | -1.8 | -10.3 | 150.5 | -2.4 | -8.6 |

Annual performance of the turnover by market

The indices obtained by market to which the product is invoiced increased in all cases as compared with the previous year, except for the domestic market, which decreases by 3.2%.

The greatest increase was registered in the turnover from the Non-Eurozone of the foreign market, with 8.5% rate.

Annual rate of ITI General index and by market



A more detailed analysis showed the activities with the highest and lowest annual rates in the month of January.

Activities with the highest annual rates

| | Original index | % Annual variation |
|---|----------------|--------------------|
| Manufacture of grain mill products, starches and starch products and animal feeds | 131.0 | 15.7 |
| Manufacture of domestic appliances | 91.0 | 9.3 |
| Manufacture of beverages | 78.9 | 8.1 |
| Food industries (except for grain mill products and animal feeds) | 103.9 | 7.4 |
| Manufacture of tobacco products | 82.4 | 5.5 |

Activities with the lowest annual rates

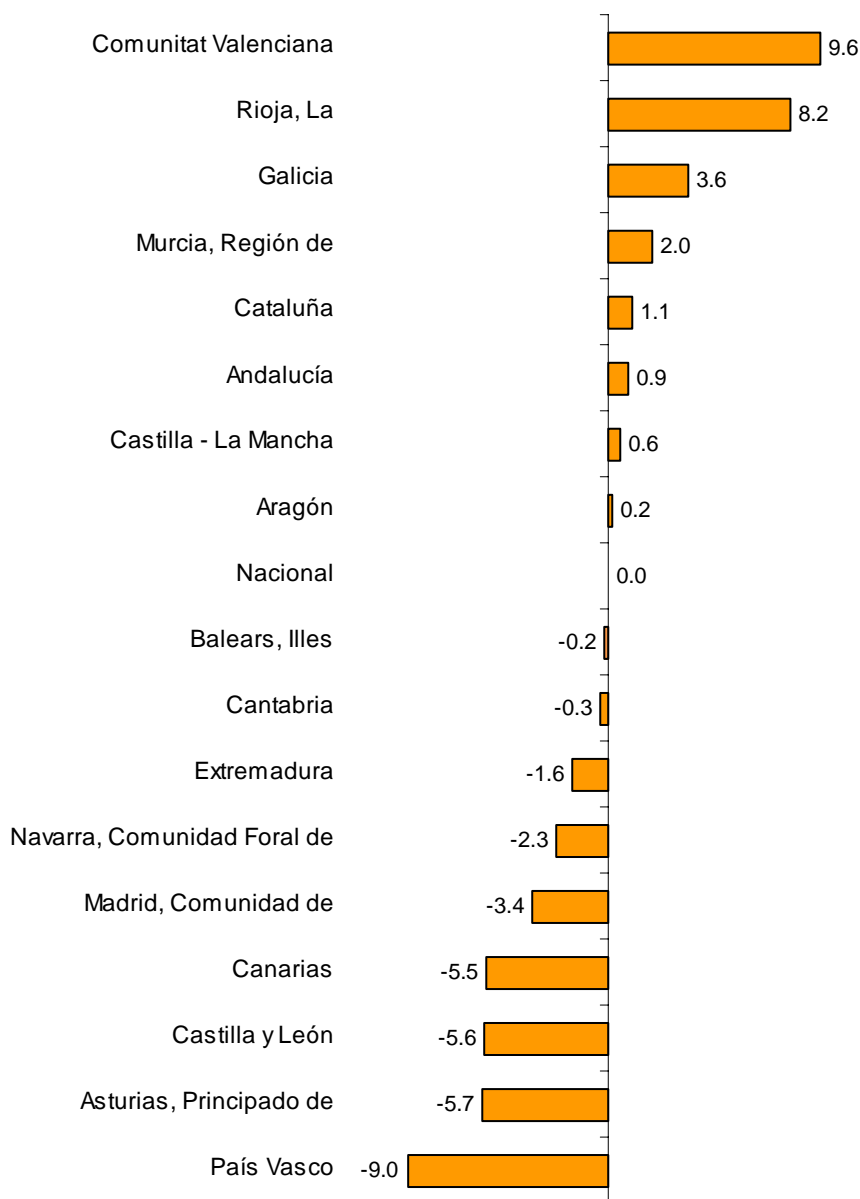
| | Original index | % Annual variation |
|---|----------------|--------------------|
| Mining of coal and lignite | 42.4 | -68.8 |
| Manufacture of consumer electronics, optical instruments and photographic equipment | 6.1 | -65.6 |
| Manufacture of motorcycles, bicycles, vehicles and disabled persons and others n.e.c. | 40.1 | -29.6 |
| Manufacture of wearing apparel | 88.9 | -16.0 |
| Naval, railway, aircraft and spacecraft manufacture. Combat vehicles | 50.0 | -15.7 |

Results by Autonomous Community. Annual variation rates of turnover

Almost half of the Autonomous Communities increased their turnover, as compared with January 2012.

The greatest rises were registered in Comunitat Valenciana (9.6%) and La Rioja (8.2%). In turn, País Vasco (-9.0%) and Principado de Asturias (-5.7%) showed the greatest drops.

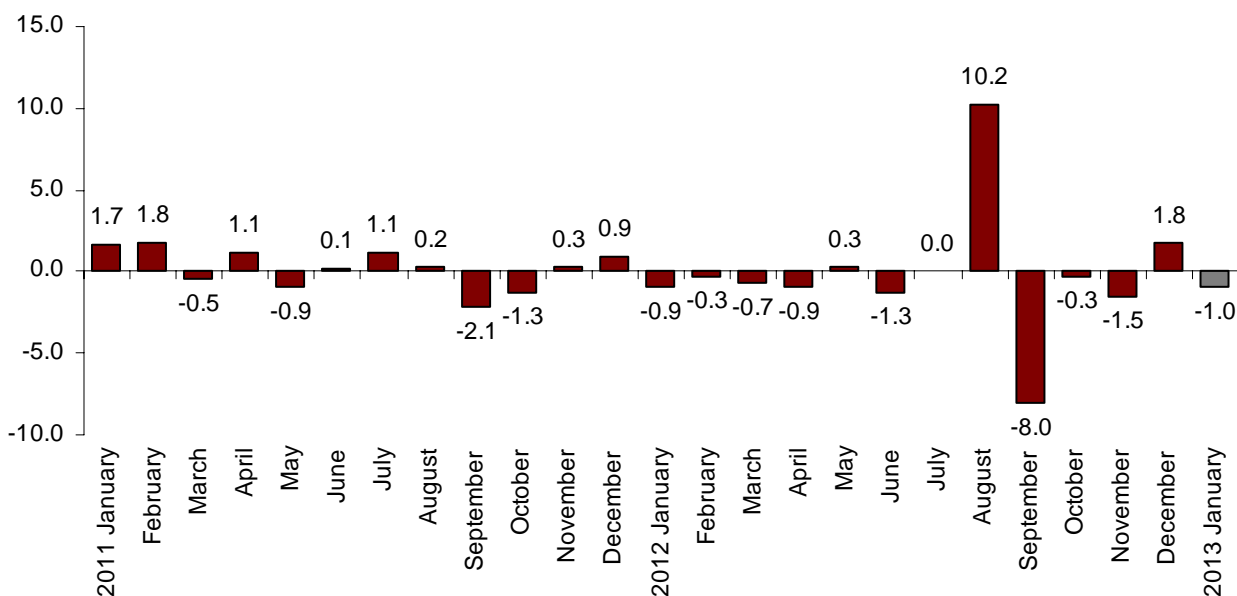
**General index by Autonomous Community
Annual rate of Industry Turnover**



Monthly performance of the ITI, adjusted for seasonal and calendar effects

The monthly variation of the General Industry Turnover Index between January 2013 and December 2012 was -1.0%, after adjusting the seasonal and calendar effects. This rate was almost three points lower than that registered in December.

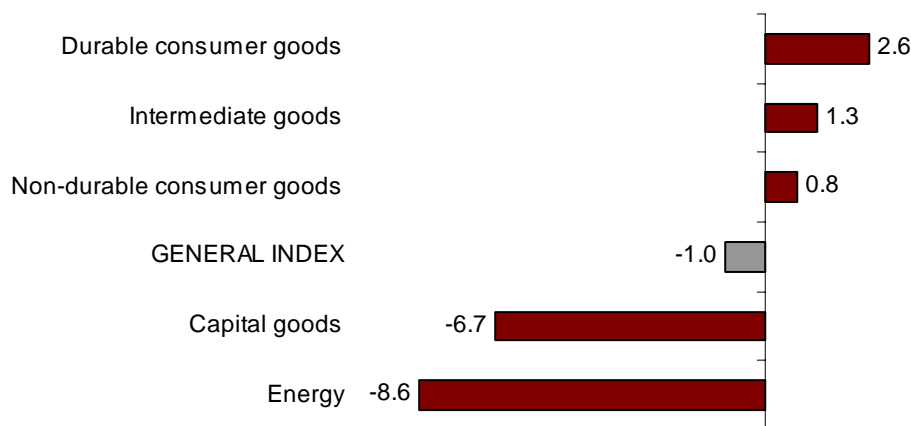
**Turnover general index
Adjusted for season and calendar effects. Monthly rate**



Monthly performance by destination of the goods

After adjusting the seasonal and calendar effects, the sector showing the greatest positive monthly rate was Durable Consumer Goods (2.6%). Conversely, worth noting are the drops in Energy (-8.6%) and Capital Goods (-6.7%).

**ITI monthly rate
General index and by economic destination
adjusted for seasonal and calendar effects**



Informative annex

Main characteristics of the Industrial Turnover Index (ITI) at 2010 base

The National Statistics Institute (INE) publishes today the Industrial Turnover Index (ITI) at 2010 base. In this way, the coherence of this indicator with the subjects of the Council Regulations (EC) No. 1165/98 concerning short-term statistics, where it is established that every five years, Member States shall rebase the indices using as base years the years ending with a 0 or a 5. This change must be made no later than three years after the end of this new base year.

The base change consists of the revision and updating of the components comprising the calculation of the index. The objective is to obtain an indicator that adapts to those changes occurring in the last five years in the different activities in the industrial sector, and that more precisely measures the performance of said sector, which will yield an ITI that is more representative.

Sample update and weighting structure

- *Sample*

One of the most important aspects of the base change process is the updating of the sample. To this end, a complete study is carried out of the industrial activities, the weightings and the sample of respondent units, for the purpose of updating its structure and improving its representativeness.

The sample is composed by a panel selected by the *cut-off* method, ordering the establishments according to the declining production within the class (activity at four digits of the CNAE-2009), until the certain percentage of the turnover is fulfilled. In order to improve the accuracy of the estimations, the strata with a lower coverage have been reinforced.

As a result of the sample updating, within the ITI base 2010, around 11,500 industrial establishments are surveyed every month.

The selected establishments have been classified according to these two variables: the main activity and the geographical location.

These industrial establishments inform every month about their new orders received by market of destination.

- *Weightings*

The complete weighting structure has been updated at all functional and geographical breakdown levels, in order to represent industrial productive activity more precisely.

To this end, the Companies Annual Industrial Survey, referred to year 2010, providing information on the industrial turnover by activity branch, Autonomous Community and destination of sales.

Calculation formula

The New Orders Received Indices are calculated, as it was done in base 2005, by means of a fixed base Laspeyres index. In the value indices, as it is the case of the ITI, the formula of the fixed base Laspeyres index is equivalent to that of the chain Laspeyres index.

In the base 2010 these indices are obtained for the first time by Autonomous Communities. In the formula used, the indices are additive, both by Autonomous Community and activity.

Series linking

The introduction of a new structure of weightings means an interruption in the series continuity, especially when a change in the calculation methodology used to elaborate the indices takes place, as it does within the ITI base 2010, in order to obtain the additive indices by Autonomous Community.

In order to have continuous series to calculate the variation between different periods, and to carry out studies and prediction on the industrial activity performance, the INE has connected the series and published the indices at 2010 base, since January 2002, giving this way continuation to the information published up to now.

The indices previous to 2010 have been connected multiplying the series by a constant coefficient, preserving this way the variation rates. Since January 2010, the series at a new base have been recalculated, using the new calculation formula and the new weightings. Therefore, the variation rates of the ITI base 2010, for the years 2010, 2011 and 2012 will be different than those calculated using the indices at base 2005.

Dissemination of the results

In the ITI, for the first time, data by Autonomous Community will be published (starting from the January 2010 series), and by markets (starting from January 2002).

In addition, the detail by activities published in the base 2005 is maintained: National indices for the B and C-sections and their divisions, as well as by economic destination of the goods and sectors comprising all of them.

In the new base the main results adjusted for calendar effects will be published (as it was done in base 2005).

Furthermore, index adjustment is taken a step further, since they are not only calendar adjusted, but in this base 2010 the series are also seasonally adjusted. This allows a clearer analysis of the sector.

These indicators have been seasonally adjusted in accordance with the INE Standard for adjusting seasonal effects and calendar effects in short-term series. This is available in INEbase:

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

All of the information regarding the new base of the ITI is available on the INE website (<http://www.ine.es/en/>).

Industrial Turnover Indices. Base 2010

Provisional data

1. Industrial turnover indices by economic destination of the goods¹

| | Index | % variation | | Effect |
|--|-------------|-------------|------------|--------|
| | | Annual | Monthly | Annual |
| GENERAL INDEX | 96.4 | 0.0 | 1.6 | |
| 1. CONSUMER GOODS | 94.9 | 3.9 | 1.3 | 1.137 |
| 1.1. DURABLE CONSUMER GOODS | 63.6 | -5.8 | -3.6 | -0.118 |
| - Manufacture of consumer electronics, optical instruments and photographic equipment | 6.1 | -65.6 | -31.6 | -0.039 |
| - Manufacture of household appliances | 91.0 | 9.3 | 8.8 | 0.059 |
| - Manufacture of motorcycles, bicycles, vehicles for the disabled and others | 40.1 | -29.6 | 10.8 | -0.032 |
| - Manufacture of furniture | 63.3 | -9.4 | -10.4 | -0.101 |
| - Manufacture of jewellery, costume jewellery and musical instruments | 84.7 | -3.0 | -7.4 | -0.004 |
| 1.2. NON-DURABLE CONSUMER GOODS | 98.1 | 4.6 | 1.6 | 1.254 |
| - Food industries (except grain mill products and food for animals) | 103.9 | 7.4 | -2.3 | 1.108 |
| - Manufacture of beverages | 78.9 | 8.1 | -19.6 | 0.212 |
| - Manufacture of tobacco | 82.4 | 5.5 | 9.7 | 0.010 |
| - Manufacture of knitted fabrics, carpets, rope, non-woven fabrics, textile products for technical use and industrial and other textile products | 97.6 | 3.5 | 24.0 | 0.022 |
| - Manufacture of garments | 88.9 | -16.0 | 17.8 | -0.229 |
| - Leather and footwear industry | 117.9 | 0.8 | 64.4 | 0.008 |
| - Graphic arts and reproduction of recorded media | 77.3 | -2.0 | 1.4 | -0.027 |
| - Manufacture of cleaning articles, perfumes and cosmetics | 100.3 | -0.1 | 23.1 | -0.001 |
| - Manufacture of pharmaceutical products | 103.9 | 4.7 | 16.3 | 0.160 |
| - Manufacture of sporting goods; games and toys and Other manufacturing industries | 69.7 | -3.5 | -3.7 | -0.010 |
| 2. CAPITAL GOODS | 82.0 | -2.9 | -15.5 | -0.588 |
| - Manufacture of metal products for construction, containers made of metal, steam generators, weapons and ammunition | 59.2 | -14.5 | -33.5 | -0.308 |
| - Manufacture of computers, peripherals and telecommunications equipment; appliances for measuring and navigation; radiation and medical and therapeutic equipment | 70.5 | -12.6 | -13.9 | -0.087 |
| - Manufacture of machinery and equipment n.e.c. | 79.5 | -6.4 | -33.3 | -0.212 |
| - Manufacture of motor vehicles, trailers and semi-trailers | 97.2 | 3.1 | 17.4 | 0.350 |
| - Naval, railway, aircraft and spacecraft construction. Combat vehicles | 50.0 | -15.7 | 64.0 | -0.255 |
| - Manufacture of medical and dental instruments and supplies | 81.5 | -7.2 | 9.3 | -0.022 |
| - Repair and installation of machinery and equipment | 79.9 | -4.1 | -24.0 | -0.054 |
| 3. INTERMEDIATE GOODS | 96.7 | -0.9 | 19.6 | -0.357 |
| - Other mining and quarrying | 81.3 | -0.9 | 18.0 | -0.006 |
| - Manufacture of grain mill products, starches, and food for animals | 131.0 | 15.7 | 5.3 | 0.463 |
| - Preparation and spinning of textile fibres. Manufacture of woven textiles. Textile finishings | 98.1 | 3.7 | 34.0 | 0.019 |
| - Wood and cork industry | 79.1 | -8.6 | -5.3 | -0.114 |
| - Paper industry | 104.8 | 3.5 | 17.0 | 0.103 |
| - Chemical industry except cleaning articles, perfumes and cosmetics | 111.0 | 3.6 | 26.2 | 0.260 |
| - Rubber and plastic material transformation industry | 92.9 | -5.6 | 28.2 | -0.228 |
| - Manufacture of other non-metallic ore products | 66.6 | -7.9 | 11.9 | -0.275 |
| - Metallurgy; manufacture of iron, steel and ferro-alloy products | 100.1 | -5.7 | 25.1 | -0.413 |
| - Forging, stamping, embossing and rolling of metals. - Manufacture of tools, hardware goods, containers and other metal products | 101.1 | -4.6 | 36.7 | -0.219 |
| - Manufacture of electronic components, assembled printed circuits, and magnetic and optical media | 47.0 | -9.4 | -13.6 | -0.016 |
| - Manufacture of electrical material and equipment except household appliances | 86.0 | 2.6 | 3.1 | 0.069 |
| 4. ENERGY (Except supply of electrical energy, gas, steam, air conditioning) | 142.8 | -1.8 | -10.3 | -0.215 |
| - Extracción de antracita, hulla y lignito | 42.4 | -68.8 | -48.4 | .. |
| - Extraction of crude oil, petroleum and natural gas | .. | .. | .. | .. |
| - Manufacture of coke and refined petroleum products | 144.5 | -0.8 | -10.0 | -0.092 |

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

(..) Data not available due to statistical secrecy.

2. Turnover indices adjusted by calendar effects

| | Original index | % of variation | | Adjusted index | % of variation | |
|---------------------------------|-------------------|----------------|------------|-------------------|----------------|-------------|
| | | Annual | Monthly | | Annual | Monthly |
| GENERAL INDEX | 96.4 | 0.0 | 1.6 | 93.7 | -2.4 | -4.7 |
| 1. Consumer goods | 94.9 | 3.9 | 1.3 | 92.4 | 1.6 | -4.8 |
| 1.1. Durable consumer goods | 63.6 | -5.8 | -3.6 | 61.5 | -8.7 | -10.8 |
| 1.2. Non-durable consumer goods | 98.1 | 4.6 | 1.6 | 95.5 | 2.3 | -4.3 |
| 2. Capital goods | 82.0 | -2.9 | -15.5 | 79.6 | -5.2 | -20.9 |
| 3. Intermediate goods | 96.7 | -0.9 | 19.6 | 93.9 | -3.5 | 11.7 |
| 4. Energy* | 142.8 | -1.8 | -10.3 | 142.0 | -2.4 | -11.5 |

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

3. Turnover indices seasonally adjusted

| | Original index | % of variation | | Adjusted index | % of variation | |
|---------------------------------|-------------------|----------------|------------|-------------------|----------------|-------------|
| | | Annual | Monthly | | Annual | Monthly |
| GENERAL INDEX | 96.4 | 0.0 | 1.6 | 101.2 | -2.5 | -1.0 |
| 1. Consumer goods | 94.9 | 3.9 | 1.3 | 100.9 | 1.0 | 1.9 |
| 1.1. Durable consumer goods | 63.6 | -5.8 | -3.6 | 72.6 | -9.1 | 2.6 |
| 1.2. Non-durable consumer goods | 98.1 | 4.6 | 1.6 | 102.8 | 0.3 | 0.8 |
| 2. Capital goods | 82.0 | -2.9 | -15.5 | 91.3 | -5.1 | -6.7 |
| 3. Intermediate goods | 96.7 | -0.9 | 19.6 | 97.9 | -3.6 | 1.4 |
| 4. Energy* | 142.8 | -1.8 | -10.3 | 150.5 | -2.4 | -8.6 |

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

4. Turnover General Index seasonally adjusted

| | | % of variation | | |
|------|------|---------------------|------------------------|----------------------|
| | | Annual ¹ | Quarterly ² | Monthly ³ |
| | 2009 | -21.4 | | |
| | 2010 | 5.4 | | |
| | 2011 | 5.4 | | |
| | 2012 | -2.4 | | |
| | 2013 | -2.5 | | |
| 2011 | QI | 2.2 | 3.0 | |
| | QII | 0.8 | 0.3 | |
| | QIII | 0.3 | -0.8 | |
| | QIV | -2.2 | -0.2 | |
| 2012 | QI | -0.6 | -1.9 | |
| | QII | -1.7 | -1.8 | |
| | QIII | 3.1 | 1.4 | |
| | QIV | -3.1 | -0.1 | |
| 2013 | QI | -2.5 | -1.0 | |
| 2012 | JAN | -0.3 | | -0.9 |
| | FEB | -2.3 | | -0.3 |
| | MAR | -2.5 | | -0.7 |
| | APR | -4.5 | | -0.9 |
| | MAY | -3.3 | | 0.3 |
| | JUN | -4.7 | | -1.3 |
| | JUL | -5.7 | | 0.0 |
| | AUG | 3.7 | | 10.2 |
| | SEP | -2.5 | | -8.0 |
| | OCT | -1.5 | | -0.3 |
| | NOV | -3.2 | | -1.5 |
| | DEC | -2.4 | | 1.8 |
| 2013 | JAN | -2.5 | | -1.0 |

Note:

¹ **Annual rate:** Variation of a period over the same period of the previous year

² **Quarterly rate:** Variation of a quarter over the previous quarter. In the present quarter it is the variation to date over the previous quarter.

³ **Monthly rate:** Variation of a month over the previous month.

5. Turnover indices by Autonomous Community

| | Index | % de variation | | |
|-----------------------------|-------------|----------------|------------|-----------------|
| | | Monthly | Annual | Average to date |
| NATIONAL INDEX | 96.4 | 1.6 | 0.0 | 0.0 |
| Andalucía | 104.7 | -5.7 | 0.9 | 0.9 |
| Aragón | 88.0 | 12.2 | 0.2 | 0.2 |
| Asturias, Principado de | 79.9 | -1.0 | -5.7 | -5.7 |
| Balears, Illes | 83.4 | 51.8 | -0.2 | -0.2 |
| Canarias | 102.0 | -9.0 | -5.5 | -5.5 |
| Cantabria | 95.5 | 5.1 | -0.3 | -0.3 |
| Castilla y León | 86.4 | -9.6 | -5.6 | -5.6 |
| Castilla - La Mancha | 103.1 | -13.6 | 0.6 | 0.6 |
| Cataluña | 100.9 | 11.4 | 1.1 | 1.1 |
| Comunitat Valenciana | 104.7 | 10.3 | 9.6 | 9.6 |
| Extremadura | 96.8 | 11.3 | -1.6 | -1.6 |
| Galicia | 95.6 | 13.0 | 3.6 | 3.6 |
| Madrid, Comunidad de | 80.4 | -19.9 | -3.4 | -3.4 |
| Murcia, Región de | 110.4 | -5.5 | 2.0 | 2.0 |
| Navarra, Comunidad Foral de | 88.9 | 21.6 | -2.3 | -2.3 |
| País Vasco | 91.4 | -2.1 | -9.0 | -9.0 |
| Rioja, La | 97.0 | 10.9 | 8.2 | 8.2 |

6. National indices by markets

| | Index | % de variation | | |
|------------------------------------|-------------|----------------|------------|-----------------|
| | | Monthly | Annual | Average to date |
| GENERAL INDEX | 96.4 | 1.6 | 0.0 | 0.0 |
| 1. Domestic market | 87.9 | 0.5 | -3.2 | -3.2 |
| 2. Foreign market | 109.8 | 4.8 | 4.9 | 4.9 |
| 2.1. Foreign market, euro zone | 107.7 | 18.7 | 2.9 | 2.9 |
| 2.2. Foreign market, non euro zone | 113.2 | -10.2 | 8.5 | 8.5 |

7. Industrial Turnover Indices by branch of activity (CNAE 2009)

| | Index | % of variation | | Effect |
|---|-------------|----------------|------------|---------------|
| | | Annual | Monthly | Annual |
| GENERAL INDEX | 96.4 | 0.0 | 1.6 | |
| B. Mining and quarrying industries | 77.5 | -14.1 | 6.5 | -0.100 |
| Extraction of anthracite, coal and lignite | 42.4 | -68.8 | -48.4 | .. |
| Extraction of crude oil, petroleum and natural gas | .. | .. | .. | .. |
| Other mining and quarrying | 81.2 | -0.9 | 18.0 | -0.006 |
| C. Manufacturing industry | 96.6 | 0.1 | 1.5 | 0.078 |
| Food industry | 107.8 | 8.8 | -1.0 | 1.572 |
| Manufacture of beverages | 78.9 | 8.1 | -19.6 | 0.212 |
| Manufacture of tobacco | 82.4 | 5.5 | 9.7 | 0.010 |
| Textile industry | 97.8 | 3.6 | 28.2 | 0.014 |
| Manufacture of garments | 88.9 | -16.0 | 17.8 | -0.229 |
| Leather and footwear industry | 117.9 | 0.8 | 64.4 | 0.008 |
| Manufacture of wood and of products of wood and cork, except furniture; basketm | 79.1 | -8.6 | -5.3 | -0.114 |
| Paper industry | 104.8 | 3.5 | 17.0 | 0.103 |
| Graphic arts and reproduction of recorded media | 77.3 | -2.0 | 1.4 | -0.027 |
| Manufacture of coke and refined petroleum products | 144.5 | -0.8 | -10.0 | -0.092 |
| Chemical industry | 109.1 | 3.0 | 25.7 | 0.259 |
| Manufacture of pharmaceutical products | 103.9 | 4.7 | 16.3 | 0.160 |
| Rubber and plastic material transformation industry | 92.9 | -5.6 | 28.2 | -0.228 |
| Manufacture of other non-metallic ore products | 66.6 | -7.9 | 11.9 | -0.275 |
| Metallurgy; manufacture of iron, steel and ferro-alloy products | 100.1 | -5.7 | 25.1 | -0.413 |
| Manufacture of metal products, except machinery and equipment | 84.0 | -7.7 | 4.9 | -0.526 |
| Manufacture of computer, electronic and optical products | 51.2 | -15.4 | -14.4 | -0.143 |
| Manufacture of electrical material and equipment | 86.9 | 3.9 | 4.3 | 0.128 |
| Manufacture of machinery and equipment n.e.c. | 79.5 | -6.4 | -33.3 | -0.212 |
| Manufacture of motor vehicles, trailers and semi-trailers | 97.2 | 3.1 | 17.4 | 0.350 |
| Manufacture of other transport material | 49.4 | -16.6 | -62.6 | -0.287 |
| Manufacture of furniture | 63.3 | -9.4 | -10.4 | -0.101 |
| Other manufacturing industries | 77.0 | -5.0 | 0.4 | -0.037 |
| Repair and installation of machinery and equipment | 79.9 | -4.1 | -24.0 | -0.054 |

(..) Data not available due to statistical secrecy.

For further information see **INEbase** - www.ine.es/en/ All press releases at: www.ine.es/en/prensa/prensa_en.htm

Press Office: Telephone numbers: 91 583 93 63 / 94 08 – Fax: 91 583 90 87 - gprensa@ine.es

Information Area: Telephone number: 91 583 91 00 – Fax: 91 583 91 58 – www.ine.es/infone