

6 February 2015 | 1100 hrs | 026/2015

The seasonally adjusted index of industrial production decreased by 3.0 per cent in December 2014 over the previous month. When compared to December 2013, the index of industrial production adjusted for working days went down by 3.6 per cent.

Index of Industrial Production: December 2014

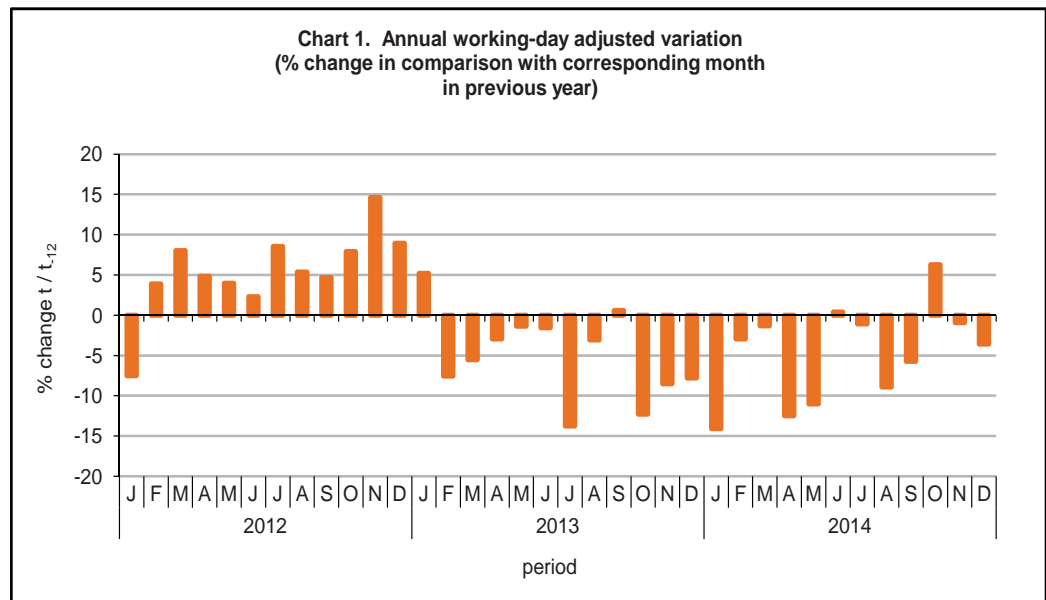
Cut-off date:
3 February 2015

Monthly comparison

In December 2014, the seasonally adjusted index of industrial production decreased by 3.0 per cent to 93.5 points when compared to the previous month (Table 1). Decreases were registered in the production of consumer goods (-5.0 per cent), capital goods (-2.0 per cent), energy (-0.5 per cent) and intermediate goods (-0.1 per cent) (Table 2).

Annual comparison

When compared to December 2013, the index of industrial production adjusted for working days went down by 3.6 per cent (Table 4). Decreases were registered in the production of intermediate goods (-9.8 per cent), energy (-2.5 per cent) and capital goods (-1.7 per cent). On the other hand, the production of consumer goods went up by 4.7 per cent ■



Compiled by:

**Unit B2: Short-term
Statistics**

**Directorate B: Business
Statistics**

Further information on data:

Ms Josianne GALEA

T. +356 2599 7320

E. josianne.a.galea@gov.mt

**Table 1. Industrial production indices (2010=100)
(seasonally adjusted)**

Main industrial grouping	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14
TOTAL PRODUCTION	96.7	92.9	96.7	99.4	91.8	92.4	99.2	93.7	92.8	95.7	99.0	96.4	93.5
Intermediate goods	86.7	86.4	89.5	89.4	87.6	85.1	89.8	86.7	85.8	84.7	83.9	80.4	80.3
Energy	106.1	104.3	101.1	104.4	105.0	103.9	105.2	100.8	100.7	106.8	104.0	103.9	103.4
Capital goods	115.0	113.4	112.9	111.2	115.7	110.8	114.7	107.6	108.6	112.1	113.7	115.3	113.0
Consumer goods	93.4	91.6	98.8	96.1	87.4	91.4	95.7	93.5	92.8	94.5	104.8	103.0	97.9
Durable consumer goods	79.4	82.5	90.8	94.9	88.7	93.4	94.1	95.2	94.3	103.1	93.7	93.5	102.8
Non-durable consumer goods	94.9	92.0	99.4	96.3	87.2	91.5	95.7	93.5	92.9	93.9	105.7	104.0	97.4

**Table 2. Monthly variation by main industrial grouping (% change in comparison with previous month)
(seasonally adjusted)**

Main industrial grouping	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14
TOTAL PRODUCTION	-0.8	-3.9	4.0	2.8	-7.7	0.7	7.4	-5.6	-1.0	3.2	3.4	-2.7	-3.0
Intermediate goods	-3.5	-0.3	3.5	-0.1	-2.0	-2.9	5.5	-3.4	-1.1	-1.3	-0.9	-4.2	-0.1
Energy	0.1	-1.7	-3.0	3.3	0.6	-1.0	1.2	-4.1	-0.2	6.1	-2.6	-0.1	-0.5
Capital goods	3.8	-1.4	-0.5	-1.5	4.1	-4.2	3.5	-6.1	0.9	3.2	1.4	1.4	-2.0
Consumer goods	-2.2	-2.0	7.9	-2.7	-9.1	4.7	4.6	-2.3	-0.7	1.8	11.0	-1.7	-5.0
Durable consumer goods	-0.3	4.0	10.0	4.5	-6.5	5.3	0.7	1.1	-0.9	9.4	-9.1	-0.2	9.9
Non-durable consumer goods	-2.1	-3.0	8.0	-3.1	-9.4	4.9	4.6	-2.3	-0.6	1.0	12.6	-1.6	-6.3

The calculation of growth rates from the indices table may differ slightly from the published growth rates, due to rounding.

**Table 3. Industrial production indices (2010=100)
(working-day adjusted)**

Main industrial grouping	Dec 12	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14
TOTAL PRODUCTION	92.7	85.4	89.1	91.6	106.8	92.5	92.8	103.9	100.5	87.0	99.4	104.3	95.3	82.3
Intermediate goods	105.3	86.4	77.4	80.8	102.6	83.7	76.8	105.4	88.7	71.3	96.2	93.5	75.7	77.9
Energy	98.1	99.3	100.6	89.1	97.0	93.5	98.4	106.9	120.2	122.8	116.5	106.4	94.6	96.7
Capital goods	88.8	102.4	109.9	104.8	120.8	122.5	112.0	124.6	102.1	98.7	121.4	118.5	114.1	100.7
Consumer goods	76.6	72.7	89.7	98.6	108.0	91.5	99.2	96.6	104.4	80.0	89.9	111.0	106.7	76.1
Durable consumer goods	71.0	69.4	83.9	89.8	97.2	90.4	95.9	94.5	101.3	83.4	105.0	95.6	97.8	90.0
Non-durable consumer goods	77.3	73.0	90.1	99.5	109.3	91.5	99.6	96.5	104.5	79.9	88.5	112.1	107.8	74.8

**Table 4. Annual variation by main industrial grouping (% change in comparison with corresponding month in previous year)
(working-day adjusted)**

Main industrial grouping	Dec 12	Dec 13	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14
TOTAL PRODUCTION	8.9	-7.8	-14.1	-2.9	-1.3	-12.5	-11.0	0.4	-1.1	-8.9	-5.7	6.3	-0.9	-3.6
Intermediate goods	17.8	-18.0	-28.5	-12.1	-3.5	-19.6	-18.7	3.7	-3.5	-17.8	-12.5	-2.0	-15.6	-9.8
Energy	0.9	1.2	-0.1	-2.6	0.2	-0.6	-1.9	2.2	-3.4	-5.4	1.8	-3.2	-2.0	-2.5
Capital goods	-0.7	15.4	11.7	11.2	4.5	10.9	1.1	7.4	-5.7	-3.4	-0.9	3.0	4.6	-1.7
Consumer goods	3.8	-5.1	-13.2	-0.7	-1.9	-19.2	-13.5	-1.9	3.8	-6.8	-4.1	20.8	9.4	4.7
Durable consumer goods	-0.8	-2.3	1.9	6.2	19.9	4.7	16.8	17.3	18.0	21.7	22.8	13.4	16.8	29.7
Non-durable consumer goods	4.4	-5.5	-14.2	-1.0	-3.3	-20.6	-15.1	-3.7	2.8	-8.6	-6.2	21.4	9.1	2.5

The calculation of growth rates from the indices table may differ slightly from the published growth rates, due to rounding.

Methodological Notes

1. The Index of Industrial Production (IIP) is regarded as one of the most important measures of economic activity. Developments in the industrial production index describe the economic cycles of industry. For short-term statistics this index is the reference indicator for economic development and is used in particular to identify changes in trends at an early stage. The index of industrial production has been compiled since January 2000 and monitors the changes in the production of leading products from a sample of industrial enterprises. Such enterprises cover over 95 per cent of total industrial production.
2. A Laspeyres-type index is used for calculating the index of industrial production, with 2010 as base year.
3. The number of surveyed enterprises is about 180. Data on physical quantities are collected from 50 per cent of these enterprises. The number of hours worked is estimated on the basis of information from 30 per cent of the enterprises. Furthermore, 20 per cent have their turnover deflated by the use of industrial producer prices.
4. The index numbers in this release are working-day and seasonally adjusted. These statistical methods aid interpretation of data by removing regularly recurring variations from a time series:
 - a. Working-day adjustment is a statistical method used to remove the calendar effect from an economic time series. The calendar effect is the variation caused by the changing number of working days in different months. The number of working days for a given month may depend on the timing of certain public holidays, the possible overlap between public holidays and non-working days, and the occurrence of a leap year. This method is used to compare data with the corresponding month of the preceding year.
 - b. Seasonal adjustment removes variations which include effects caused by the number of days in a month, holidays and particular events such as Christmas. Statistically, seasonal adjustment takes place after a time series has already been cleared of calendar effects by means of working-day adjustment. Seasonal adjustment is used to compare data with the preceding month.
 - c. In seasonal and working-day adjustments, the direct approach is used, meaning that each time series is adjusted on an individual basis.
5. The NSO has adopted methodologies and guidelines recommended by Eurostat and the International Monetary Fund (IMF).
6. The objective of main industrial groupings (MIGs) is to provide an activity breakdown of industry (NACE Rev. 2 sections B, C, D and E). There are five MIGs which regroup all activities between NACE sections B to E covering the economic activities of companies in quarrying, manufacturing and energy.
7. The weights for the aggregates are shown below:

Main industrial grouping	Value added
TOTAL	100.0
Intermediate goods	35.8
Energy	16.3
Capital goods	11.7
Consumer goods	36.2
Durable consumer goods	2.9
Non-durable consumer goods	33.3

8. Figures for the past 26 months, inclusive of the reference month, are to be considered as provisional and therefore subject to revision.
9. More information relating to this news release may be accessed at:

Statistical Concepts: <http://nso.gov.mt/metadata/concepts.aspx>

Metadata: <http://nso.gov.mt/metadata/reports.aspx?id=13>