

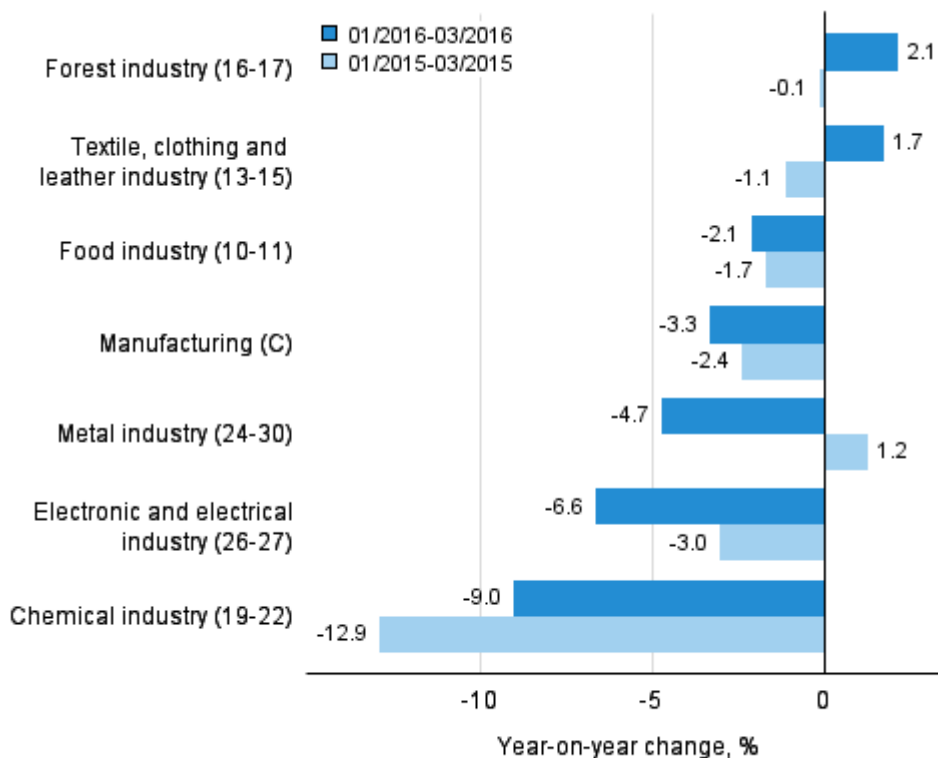
Index of turnover in industry

2016, March

Turnover in manufacturing declined by good 3 per cent in the first quarter

According to Statistics Finland, turnover in manufacturing in the January to March period was 3.3 per cent lower than in the corresponding period of the year before. Domestic sales contracted by 0.5 per cent and export turnover by 5.3 per cent from one year ago.

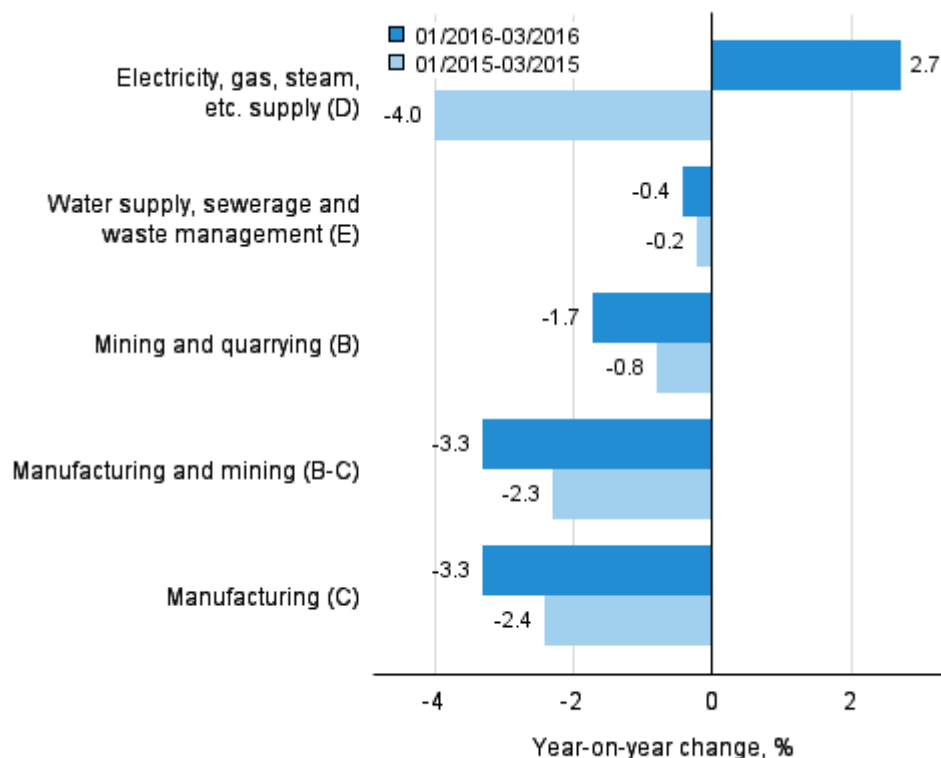
Three months' year-on-year change in turnover in manufacturing (C) sub-industries (TOL 2008)



Source: Statistics Finland

Turnover went down from the corresponding period of the previous year in nearly all **manufacturing (C) sub-industries**. Turnover contracted most in the chemical industry, by 9.0 per cent, in the electrical and electronics industry, by 6.6 per cent, and in the metal industry, by 4.7 per cent. More turnover than in the previous year was generated only in the forest industry, 2.1 per cent, and in the textile, clothing and leather industry, 1.7 per cent.

Three months' year-on-year change in turnover in main industrial categories (TOL 2008)



Source: Statistics Finland

In the **main categories of other industries**, the turnover of electricity, gas, steam and air conditioning supply grew by 2.7 per cent year-on-year. By contrast, turnover contracted slightly from one year before in water supply, sewerage, waste management and remediation activities, by 0.4 per cent and in mining and quarrying, by 1.7 per cent.

The index of turnover in industry describes enterprises whose main industry is manufacturing. The calculation of the indices is based on the Tax Administration's value added tax data which are supplemented with data obtained with Statistics Finland's sales inquiry. The monthly turnovers of manufacturing enterprises can vary considerably, especially in the metal industries. The variation is mainly due to invoicing practices. The final invoice for major machinery deliveries and projects may be recorded in the sales of one month, even if the delivery had required the work of several months or years.

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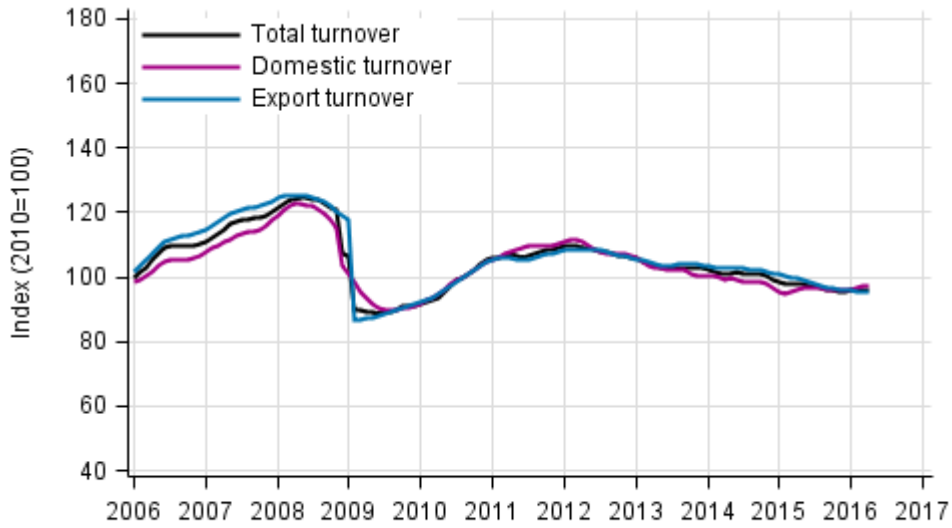
Appendix table 1. Year-on-year change in turnover by industry, % (TOL 2008)

| | Year-on-year change by three-month period, % ¹⁾ | | | | Year-on-year change in the latest month, % ¹⁾ |
|----------------------------------------------------------------|------------------------------------------------------------|------------|------------|------------|----------------------------------------------------------|
| | 04-06/2015 | 07-09/2015 | 10-12/2015 | 01-03/2016 | 03/2016 |
| B Mining and quarrying | -7,5 | -5,5 | -10,1 | -1,7 | -5,4 |
| C Manufacturing | -4,1 | -4,6 | -2,8 | -3,3 | -4,6 |
| D Electricity, gas, steam and air conditioning supply | -4,1 | -4,4 | -6,0 | 2,7 | -3,7 |
| E Water supply; sewerage, waste management and remediation act | 4,6 | -0,2 | -1,7 | -0,4 | 0,8 |
| 10-11 Food industry | -7,0 | -3,5 | -0,6 | -2,1 | -2,1 |
| 13-15 Textile, clothing and leather industry | -1,1 | -7,2 | 1,7 | 1,7 | -7,8 |
| 16-17 Forest industry | 1,4 | 2,1 | 2,7 | 2,1 | -1,3 |
| 19-22 Chemical industry | -23,4 | -14,1 | -14,2 | -9,0 | -12,5 |
| 24-30 Metal industry | 2,7 | -4,4 | -2,0 | -4,7 | -3,9 |
| 26-27 Electronic and electrical industry | -2,7 | -13,2 | -2,7 | -6,6 | 2,3 |
| 13, 14, 17, 20, 21, 24-30 Manufacturing working on orders | 2,5 | -2,5 | -0,4 | -2,1 | -3,0 |

1) Year-on-year change compares the value for an examined time period to the value for the corresponding time period twelve months back.

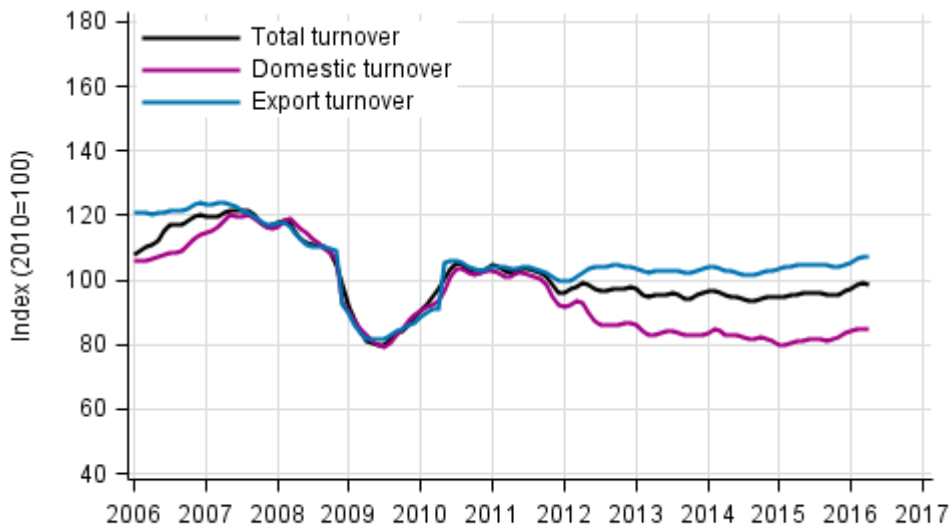
Appendix figures

Appendix figure 1. Trend series on total turnover, domestic turnover and export turnover in manufacturing



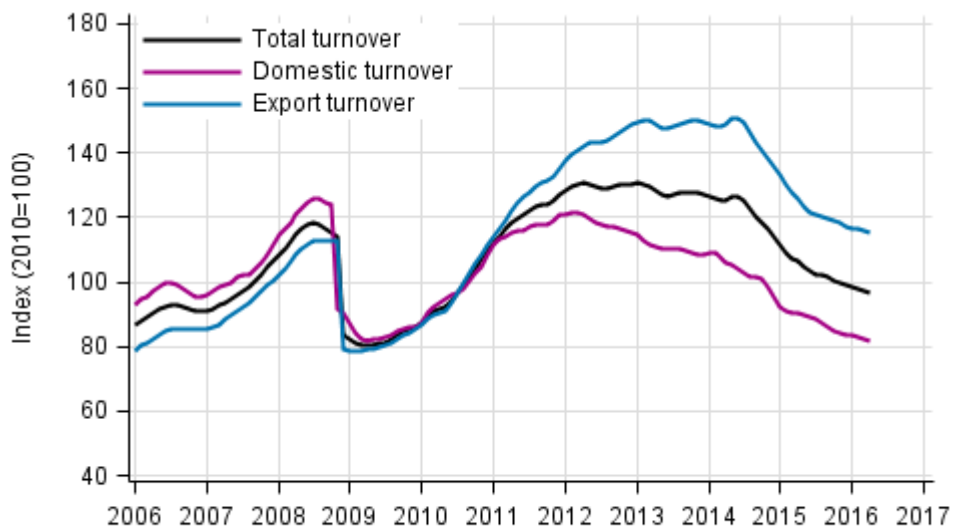
Source: Statistics Finland

Appendix figure 2. Trend series on total turnover, domestic turnover and export turnover in the forest industry



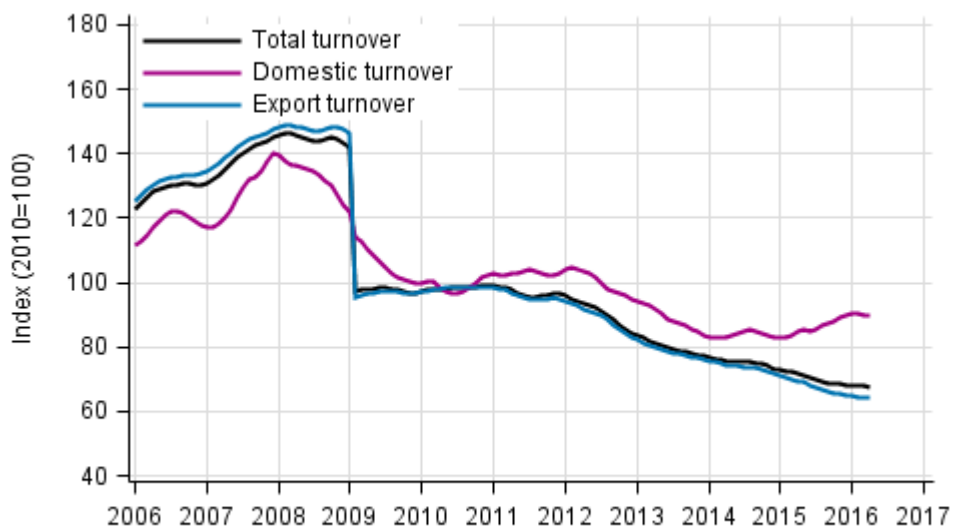
Source: Statistics Finland

Appendix figure 3. Trend series on total turnover, domestic turnover and export turnover in the chemical industry



Source: Statistics Finland

Appendix figure 4. Trend series on total turnover, domestic turnover and export turnover in the electronic and electrical industry



Source: Statistics Finland

Revisions in these statistics

The data of the statistics have become revised according to the table below. For more information about data revisions, see Section 3 of the quality description (only in Finnish).

Revision of annual changes in turnover in main industries¹⁾

| Industry / Reference period | | Year-on-year change,% | | Revision, percentage point |
|----------------------------------------------------------------|---------|-----------------------|-----------------------------|----------------------------|
| | | 1st release | Latest release (2016-06-14) | |
| B Mining and quarrying | 10/2015 | -20,0 | -20,5 | -0,5 |
| | 11/2015 | -5,8 | -6,6 | -0,8 |
| | 12/2015 | -1,7 | -2,2 | -0,5 |
| | 01/2016 | -3,1 | -3,9 | -0,8 |
| | 02/2016 | 5,4 | 5,1 | -0,3 |
| C Manufacturing | 10/2015 | -8,8 | -8,3 | 0,5 |
| | 11/2015 | -2,1 | -1,5 | 0,6 |
| | 12/2015 | 0,8 | 1,6 | 0,8 |
| | 01/2016 | -6,9 | -6,4 | 0,5 |
| | 02/2016 | 1,2 | 1,2 | 0,0 |
| D Electricity, gas, steam and air conditioning supply | 10/2015 | -5,2 | -4,3 | 0,9 |
| | 11/2015 | -8,8 | -9,0 | -0,2 |
| | 12/2015 | -6,6 | -4,9 | 1,7 |
| | 01/2016 | 11,5 | 11,2 | -0,3 |
| | 02/2016 | 0,5 | 0,3 | -0,2 |
| E Water supply; sewerage, waste management and remediation act | 10/2015 | -3,7 | -2,5 | 1,2 |
| | 11/2015 | -1,6 | -2,5 | -0,9 |
| | 12/2015 | -0,7 | -0,4 | 0,3 |
| | 01/2016 | -3,5 | -4,3 | -0,8 |
| | 02/2016 | 1,7 | 1,6 | -0,1 |
| 10-11 Food industry | 10/2015 | -3,3 | -3,7 | -0,4 |
| | 11/2015 | 1,0 | 1,2 | 0,2 |
| | 12/2015 | 0,9 | 1,1 | 0,2 |
| | 01/2016 | -6,1 | -6,2 | -0,1 |
| | 02/2016 | 2,5 | 2,1 | -0,4 |
| 13-15 Textile, clothing and leather industry | 10/2015 | -10,6 | -9,8 | 0,8 |
| | 11/2015 | 3,7 | 4,7 | 1,0 |
| | 12/2015 | 13,8 | 15,2 | 1,4 |
| | 01/2016 | 7,1 | 6,4 | -0,7 |
| | 02/2016 | 8,6 | 8,3 | -0,3 |
| 16-17 Forest industry | 10/2015 | -2,0 | -2,0 | 0,0 |
| | 11/2015 | 2,9 | 2,9 | 0,0 |
| | 12/2015 | 7,7 | 7,8 | 0,1 |
| | 01/2016 | -3,0 | -1,5 | 1,5 |
| | 02/2016 | 9,4 | 9,4 | 0,0 |
| 19-22 Chemical industry | 10/2015 | -19,9 | -19,9 | 0,0 |
| | 11/2015 | -9,1 | -9,6 | -0,5 |
| | 12/2015 | -12,1 | -12,2 | -0,1 |
| | 01/2016 | -7,3 | -7,3 | 0,0 |
| | 02/2016 | -6,5 | -6,5 | 0,0 |

| Industry / Reference period | | Year-on-year change,% | | Revision, percentage point |
|-----------------------------------------------------------|---------|-----------------------|-----------------------------|----------------------------|
| | | 1st release | Latest release (2016-06-14) | |
| 24-30 Metal industry | 10/2015 | -9,5 | -8,2 | 1,3 |
| | 11/2015 | -3,5 | -2,0 | 1,5 |
| | 12/2015 | 1,8 | 3,4 | 1,6 |
| | 01/2016 | -9,7 | -9,3 | 0,4 |
| | 02/2016 | -1,5 | -1,5 | 0,0 |
| 26-27 Electronic and electrical industry | 10/2015 | -15,3 | -11,2 | 4,1 |
| | 11/2015 | -8,4 | -3,9 | 4,5 |
| | 12/2015 | 3,0 | 5,1 | 2,1 |
| | 01/2016 | -14,2 | -15,1 | -0,9 |
| | 02/2016 | -8,4 | -8,8 | -0,4 |
| 13, 14, 17, 20, 21, 24-30 Manufacturing working on orders | 10/2015 | -7,1 | -6,2 | 0,9 |
| | 11/2015 | -0,8 | 0,1 | 0,9 |
| | 12/2015 | 3,2 | 4,4 | 1,2 |
| | 01/2016 | -6,3 | -5,6 | 0,7 |
| | 02/2016 | 2,3 | 2,2 | -0,1 |

1) The 1st release refers to the time when data for the reference period were released for the first time. The revision describes the difference of annual change percentages between the first and latest release.

Revisions of long-term annual changes in turnover in main industries

| Industry | Year | Average ¹⁾ | Average for absolute values ²⁾ |
|----------------------------------------------------------------|------|-----------------------|-------------------------------------------|
| B Mining and quarrying | 2012 | -1,2 | 1,7 |
| | 2013 | 1,3 | 2,0 |
| | 2014 | -0,2 | 1,2 |
| C Manufacturing | 2012 | -0,2 | 0,9 |
| | 2013 | -0,2 | 0,3 |
| | 2014 | -0,3 | 0,4 |
| D Electricity, gas, steam and air conditioning supply | 2012 | 0,2 | 0,4 |
| | 2013 | -0,7 | 0,8 |
| | 2014 | -0,3 | 0,7 |
| E Water supply; sewerage, waste management and remediation act | 2012 | 0,2 | 1,0 |
| | 2013 | 0,3 | 0,4 |
| | 2014 | 0,4 | 1,2 |
| 10-11 Food industry | 2012 | -0,4 | 0,4 |
| | 2013 | -0,3 | 0,4 |
| | 2014 | -0,3 | 0,4 |
| 13-15 Textile, clothing and leather industry | 2012 | 0,1 | 1,1 |
| | 2013 | -0,5 | 0,6 |
| | 2014 | -0,1 | 0,9 |
| 16-17 Forest industry | 2012 | -1,6 | 2,8 |
| | 2013 | -0,1 | 0,6 |
| | 2014 | -0,2 | 0,3 |
| 19-22 Chemical industry | 2012 | 0,1 | 0,3 |
| | 2013 | 0,0 | 0,2 |
| | 2014 | -0,1 | 0,3 |
| 24-30 Metal industry | 2012 | 0,3 | 0,3 |
| | 2013 | -0,2 | 0,4 |
| | 2014 | -0,6 | 0,7 |
| 26-27 Electronic and electrical industry | 2012 | 0,6 | 2,0 |
| | 2013 | -0,1 | 0,1 |
| | 2014 | -0,3 | 0,8 |
| 13, 14, 17, 20, 21, 24-30 Manufacturing working on orders | 2012 | -0,2 | 1,3 |
| | 2013 | -0,1 | 0,3 |
| | 2014 | -0,4 | 0,5 |

1) Average for data revised between the first and seventh release in the statistical reference year.

2) Average for absolute values of differences between the first and seventh release.

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Source: Index of turnover in industry 2016, March, Statistics Finland