

# Economic Survey of Manufacturing: June 2016 quarter

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## Key facts

Sales (seasonally adjusted) for the June 2016 quarter compared with the March 2016 quarter.

### Volumes

- Total manufacturing **rose** 2.8 percent.
- Excluding meat and dairy product manufacturing, sales **rose** 1.4 percent.
- Meat and dairy product manufacturing **rose** 8.6 percent.



### Values

- Total manufacturing **rose** 2.2 percent.
- Excluding meat and dairy product manufacturing, sales **rose** 1.6 percent.
- Meat and dairy product manufacturing **rose** 3.3 percent.

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## Commentary

- [Manufacturing sales volume rises](#)
- [Excluding meat and dairy, sales volume rises](#)
- [Meat and dairy products sales volume rises](#)
- [Petroleum and coal product manufacturing sales fall](#)
- [Non-metallic mineral product manufacturing sales rise](#)

All references to sales movements are seasonally adjusted against the previous quarter, unless otherwise stated.

See [DataInfo+](#) for more information about seasonal adjustment.

## Manufacturing sales volume rises

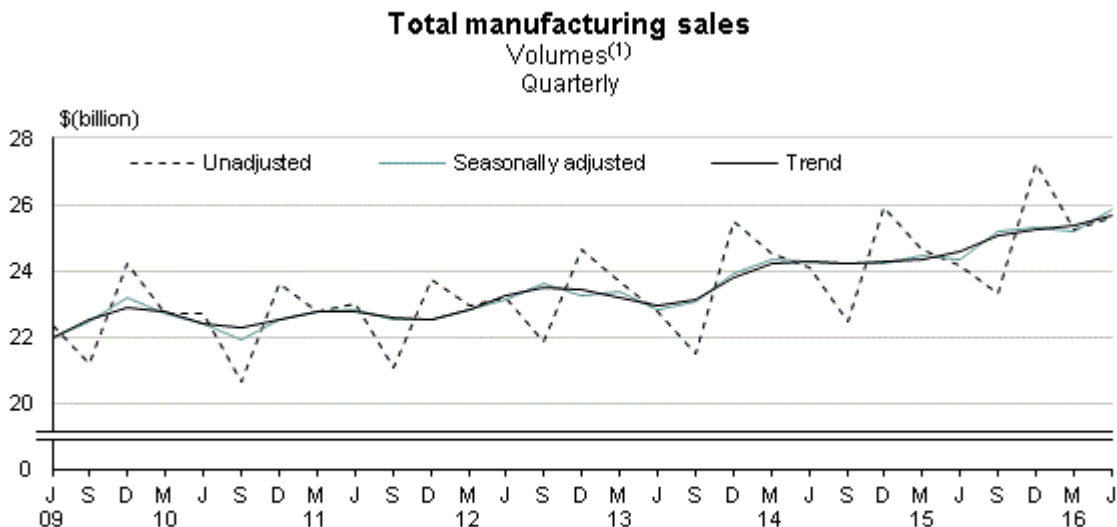
The **volume of manufacturing sales** rose 2.8 percent in the June 2016 quarter, after a 0.7 percent fall in the March 2016 quarter. The June quarter's rise was led by a rise in meat and dairy product manufacturing sales. Of the 13 manufacturing industries, nine rose and four fell in the latest quarter.

The main movements this quarter were in:

- meat and dairy product manufacturing, **up** 8.6 percent
- petroleum and coal product manufacturing, **down** 3.8 percent (not seasonally adjusted)
- non-metallic mineral product manufacturing, **up** 9.5 percent.

The **trend** for the manufacturing sales volume, which gives a longer-term picture of movements, has been mainly rising since a low-point in mid-2013.

Volumes are calculated by removing the effect of price changes from sales values.



1. Volumes (constant dollar series) are at September 2010 quarter prices.

Source: Statistics New Zealand

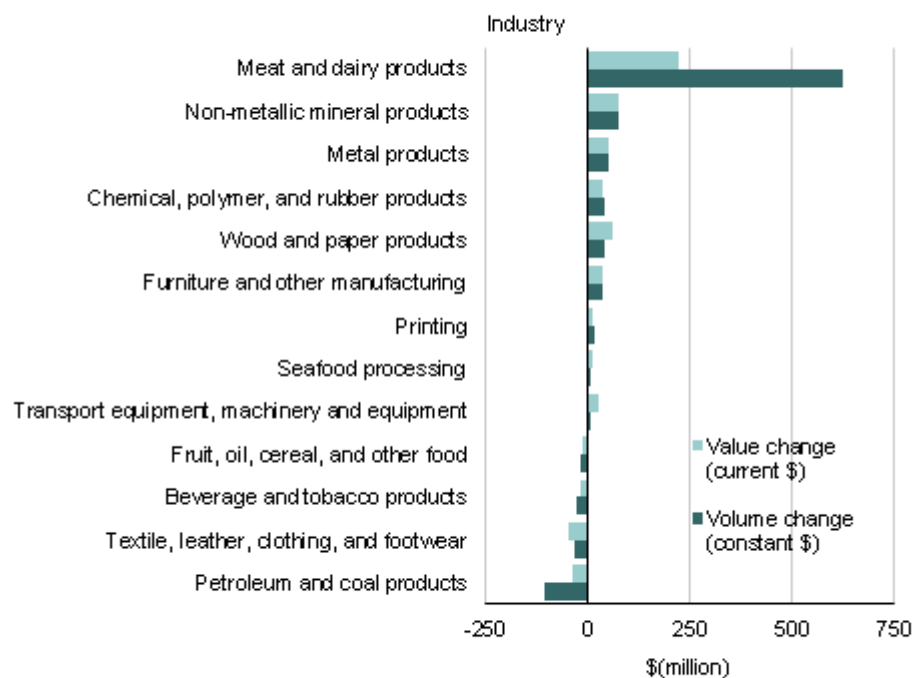
In current prices, the **value of manufacturing sales** rose 2.2 percent (\$521 million) in the June 2016 quarter, after falls in the previous two quarters.

The main value movements this quarter were in:

- meat and dairy product manufacturing, **up** 3.3 percent (\$222 million)
- non-metallic mineral product manufacturing, **up** 9.0 percent (\$75 million)
- wood and paper product manufacturing, **up** 2.9 percent (\$62 million).

### Changes in seasonally adjusted manufacturing sales

Values and volumes<sup>(1)</sup>  
March 2016 quarter to June 2016 quarter



1. Volumes (constant dollar series) are at September 2010 quarter prices.

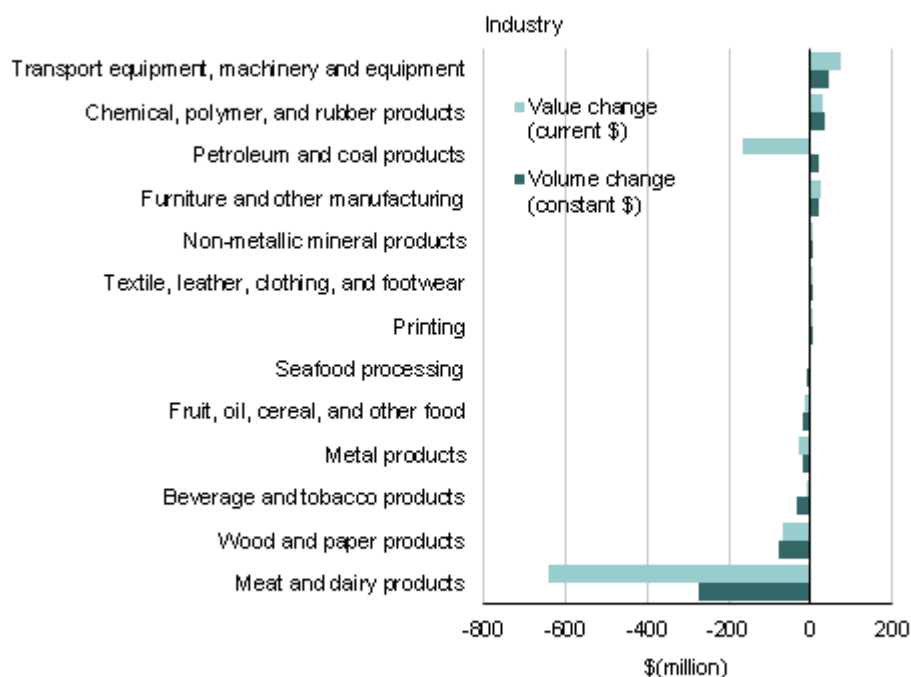
Source: Statistics New Zealand

The **volume of finished goods stocks** (which is not seasonally adjusted) was 3.2 percent lower than in the June 2015 quarter. This fall was mainly due to a fall in meat and dairy product manufacturing stocks.

## Changes in manufacturing stocks<sup>(1)</sup>

Values and volumes<sup>(2)</sup>

June 2015 quarter to June 2016 quarter



1. Closing stocks of finished goods.

2. Volumes (constant dollar series) are at September 2010 quarter prices.

Source: Statistics New Zealand

## Excluding meat and dairy, sales volume rises

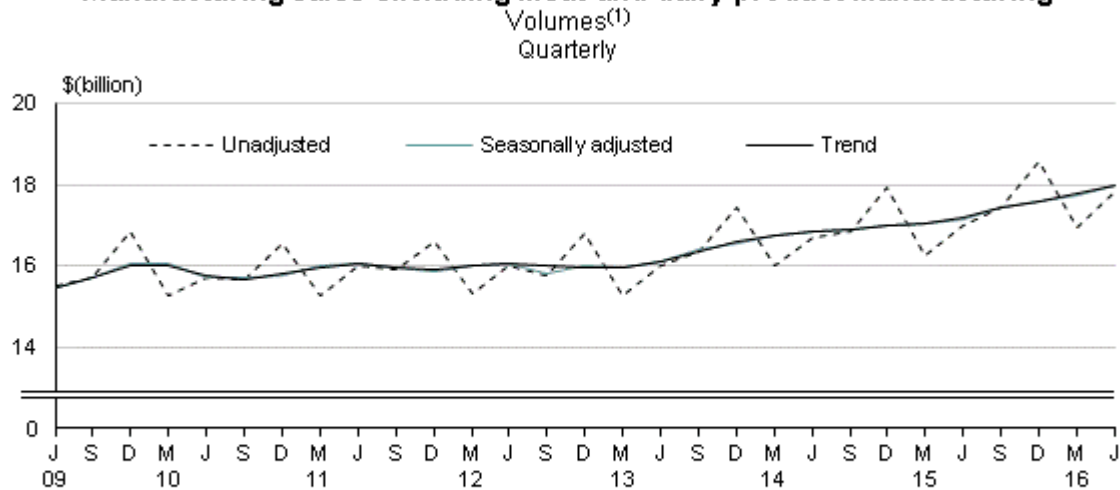
The **volume of manufacturing sales**, excluding meat and dairy products, rose 1.4 percent in the June 2016 quarter. This followed a 0.8 percent rise in the March 2016 quarter.

Eight of the 12 industries in this group had higher sales in the June 2016 quarter. The main movements were in:

- petroleum and coal product manufacturing, **down** 3.8 percent (not seasonally adjusted)
- non-metallic mineral product manufacturing, **up** 9.5 percent
- metal product manufacturing, **up** 2.1 percent.

The **trend** for the **sales volume** has been rising for more than three years.

## Manufacturing sales excluding meat and dairy product manufacturing



1. Volumes (constant dollar series) are at September 2010 quarter prices.

Source: Statistics New Zealand

In current prices, the **sales value** rose 1.6 percent (\$278 million) in the June 2016 quarter when meat and dairy products are excluded. Eight of the 12 industries had rises.

The **volume of finished goods stocks** (which is not seasonally adjusted) was 0.5 percent lower than in the June 2015 quarter.

### Meat and dairy products sales volume rises

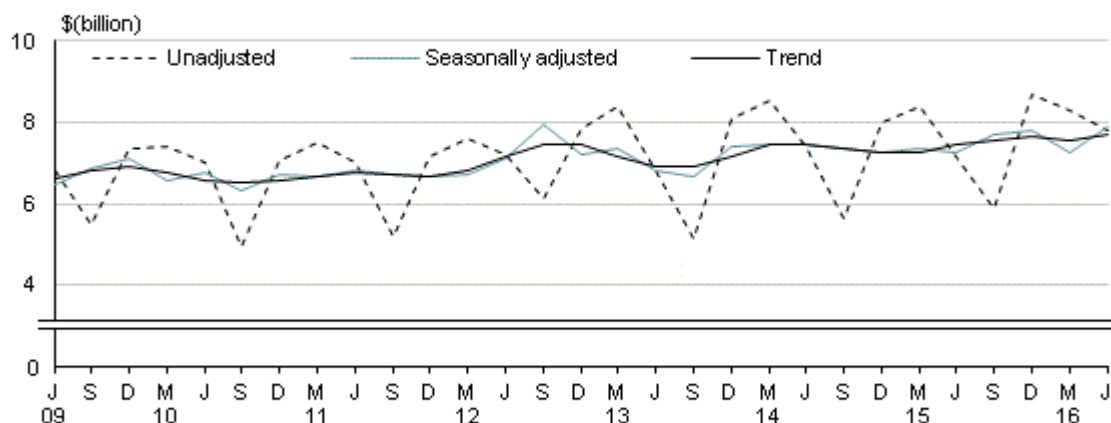
The **volume of sales** for the meat and dairy product manufacturing industry rose 8.6 percent in the June 2016 quarter. This follows a 6.7 percent fall in the March 2016 quarter.

Overseas Trade Indexes (Prices and Volumes): June 2016 quarter (provisional) reported an 8.6 percent increase in meat export volumes and a 13 percent increase in dairy export volumes.

The **trend** for the volume of meat and dairy product manufacturing sales has been relatively flat over the last two years.

## Meat and dairy product manufacturing sales

Volumes<sup>(1)</sup>  
Quarterly



1. Volumes (constant dollar series) are at September 2010 quarter prices.

Source: Statistics New Zealand

In current prices, the **sales value** for meat and dairy products rose 3.3 percent (\$222 million) for the June 2016 quarter. This follows falls of 5.3 percent in each of the two previous quarters.

Business Price Indexes: June 2016 quarter reported a 6.8 percent fall in dairy product manufacturing output prices. Prices for meat product manufacturing outputs fell 0.2 percent.

The **volume of finished goods stocks** (which is not seasonally adjusted) was 7.4 percent lower than in the June 2015 quarter.

## Petroleum and coal product manufacturing sales fall

The **volume of sales** for the petroleum and coal product manufacturing industry fell 3.8 percent in the June 2016 quarter. This follows large rises in the two previous quarters.

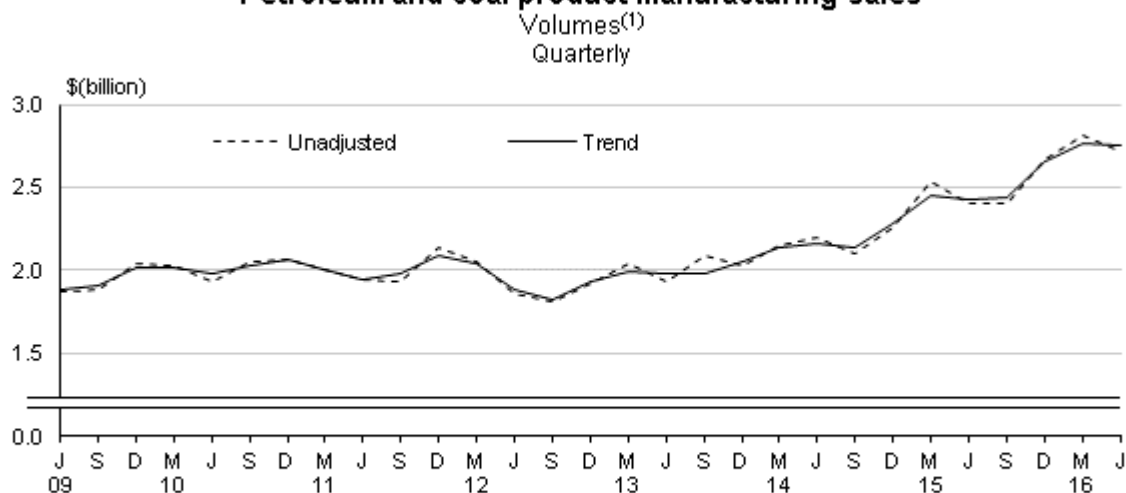
The series is not seasonally adjusted as it does not have a stable seasonal pattern. It is not unusual for this industry to show large movements from quarter to quarter.

The **sales value** fell 2.2 percent (\$39 million), following a large 14 percent (\$282 million) fall in the March 2016 quarter.

Business Price Indexes: June 2016 quarter reported a 1.5 percent rise in prices for petroleum and coal product manufacturing outputs. This followed large falls in the previous two quarters.

The **trend** for the sales volume appears to be flattening after rises in recent quarters.

## Petroleum and coal product manufacturing sales



1. Volumes (constant dollar series) are at September 2010 quarter prices.

Source: Statistics New Zealand

The **volume of finished goods stocks** (which is not seasonally adjusted) was 2.7 percent higher than in the June 2015 quarter.

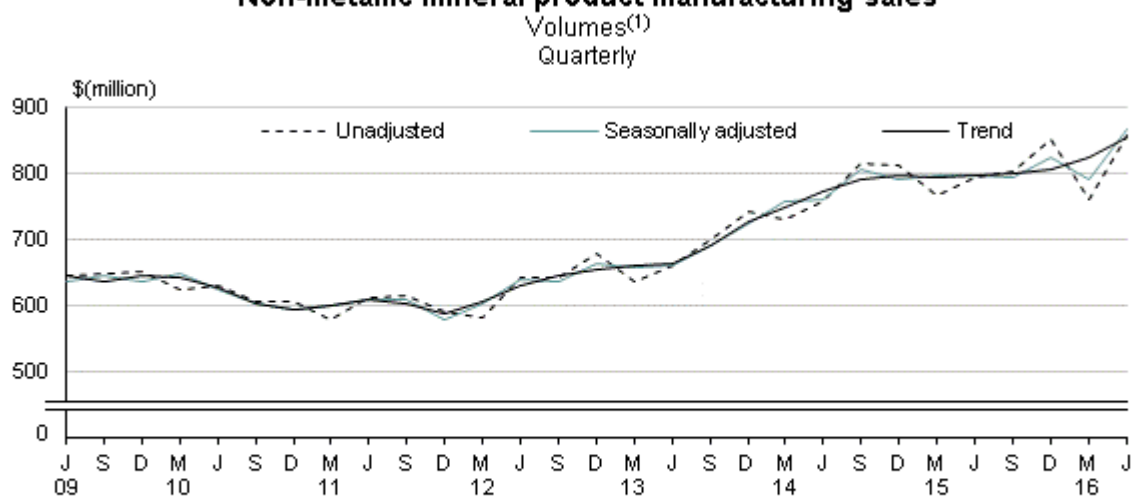
## Non-metallic mineral product manufacturing sales rise

The **volume of sales** for the non-metallic mineral product manufacturing industry rose 9.5 percent in the June 2016 quarter. This follows a 4.2 percent fall in the March 2016 quarter. This industry, which includes glass, cement, and concrete manufacturing, makes products used mainly in the construction sector.

The **sales value** also rose, up 9.0 percent (\$75 million).

The **trend** for the sales volume is now rising again, after a flattish period since late 2014.

## Non-metallic mineral product manufacturing sales



1. Volumes (constant dollar series) is at September 2010 quarter prices.

Source: Statistics New Zealand

The **volume of finished goods stocks** (which is not seasonally adjusted) was 2.5 percent higher than in the June 2015 quarter.

For more detailed data see the Excel tables in the 'Downloads' box.



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*Economic Survey of Manufacturing: September 2016 quarter* will be released on 7 December 2016.

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[Economic Survey of Manufacturing: June 2016 quarter – DataInfo+](#)  
Details the methodology used, and the postal and tax contributions, for this release.

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[Economic Survey of Manufacturing data collection – DataInfo+](#)  
Details the general methodology used to produce economic survey of manufacturing statistics.

[Economic Survey of Manufacturing concepts – DataInfo+](#)  
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[Principles and protocols for producers of Tier 1 statistics](#)  
Statistics in this release have been produced in accordance with the Official Statistics System principles and protocols for producers of Tier 1 statistics for quality. They conform to the Statistics NZ Methodological Standard for Reporting of Data Quality.

### **Related information**

[Business Price Indexes](#) releases include the producers price index outputs index, which measures changes in prices received by producers.

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## Revisions

This revision was the result of updated information from respondents for the March 2016 quarter.

This revision also affects the aggregate and volume series.

Industry	Variable	Series MFGQ	Period (quarter)	Published	
				8 June 2016	7 September 2016
				\$(million)	
Fruit, oil, cereal, and other food manufacturing	Finished goods	SFC5CA	March 2016	486	544

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## Tables

See the following Excel tables in the 'Downloads' box on this page. If you have problems viewing the files, see [opening files and PDFs](#).

1. All manufacturing
2. All manufacturing excluding meat and dairy
3. Meat and dairy product manufacturing
4. Seafood processing
5. Fruit, oil, cereal, and other food manufacturing
6. Beverage and tobacco product manufacturing
7. Textile, leather, clothing, and footwear manufacturing
8. Wood and paper product manufacturing
9. Printing
10. Petroleum and coal product manufacturing
11. Chemical, polymer, and rubber product manufacturing
12. Non-metallic mineral product manufacturing
13. Metal product manufacturing
14. Transport equipment, machinery and equipment manufacturing
15. Furniture and other manufacturing
16. Purchases and operating expenditure

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