

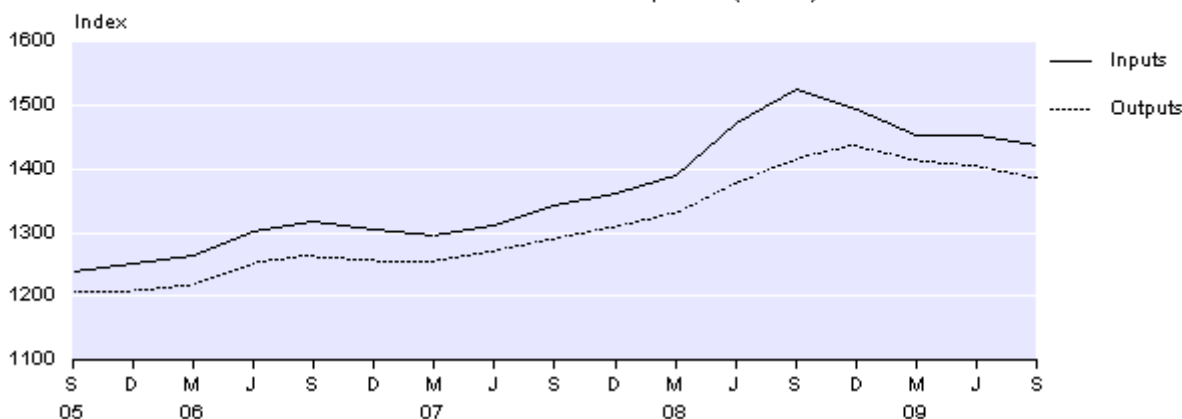
Embargoed until 10:45am – 16 November 2009

## Producers Price Index: September 2009 quarter

### Highlights

- The Producers Price Index (PPI) outputs index fell 1.4 percent.
- Output prices for dairy cattle farming fell 24.3 percent.
- Output prices fell 2.1 percent between the September 2008 and the September 2009 quarters.
- The PPI inputs index fell 1.1 percent.
- Input prices for dairy product manufacturing fell 20.9 percent.
- Input prices fell 5.8 percent between the September 2008 and the September 2009 quarters.

**Producers Price Index**  
*All industries – inputs and outputs*  
Base: December 1997 quarter (=1000)



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## Commentary

### Outputs

Output prices for all industries in the PPI fell 1.4 percent in the September 2009 quarter, following falls of 0.7 percent in the June 2009 quarter, and 1.4 percent in the March 2009 quarter. The dairy cattle farming index, the dairy product manufacturing index, and the petroleum, coal, and basic chemical manufacturing index were the prominent contributors to lower output prices in the latest quarter.

<b>Producers Price Index Outputs</b> <i>All industries</i>		
Quarter	Percentage change from previous quarter	Percentage change from same quarter, previous year
Sep 2007	1.6	2.0
Dec 2007	1.4	4.0
Mar 2008	1.8	6.1
Jun 2008	3.5	8.5
Sep 2008	2.8	9.8
Dec 2008	1.4	9.9
Mar 2009	-1.4	6.5
Jun 2009	-0.7	2.1
Sep 2009	-1.4	-2.1

The dairy cattle farming index (down 24.3 percent) had the largest downward impact on output prices in the September 2009 quarter. The fall in the latest quarter was the largest quarterly fall since the series began in the June 1994 quarter. The latest quarterly fall followed relatively small falls of 0.1 percent and 1.5 percent in the June 2009 and the March 2009 quarters, respectively. The latest quarter's index was driven by lower farmgate prices for whole-milk. Change in the whole-milk payout is shown only in the PPI each September quarter. A new method that involves taking the most recently published figure for the forecast final payout, and showing movements in this figure on a quarterly basis will be implemented from the December 2009 quarter onwards.

In the year to the September 2009 quarter, the dairy cattle farming index fell 26.1 percent, which is the largest annual fall since the year to the June 2003 quarter which fell 27.2 percent. This compares with rises of 25.6 percent and 25.7 percent in the years to the September 2008 and September 2007 quarters, respectively.

The dairy product manufacturing index (down 10.9 percent) had the second largest downward impact on output prices in the September 2009 quarter. The fall in the latest quarter followed a 19.9 percent fall in the June 2009 quarter and a 24.3 percent fall in the March 2009 quarter. The main drivers of the index in the latest quarter were lower prices for exported dairy products such as whole-milk powder, milk and cream, cheese, and butter. In the year to the September 2009 quarter, the index fell 35.6 percent which is the largest annual fall since the series began in the June 1994 quarter. This compares with a 27.0 percent rise in the year to the September 2008 quarter, and an 11.1 percent rise in the year to the September 2007 quarter.

The petroleum, coal, and basic chemical manufacturing index (down 9.2 percent) was the third largest contributor to the fall in output prices in the September 2009 quarter. This follows consecutive falls of 8.2 percent and 18.9 percent in the June 2009 and the March 2009 quarters, respectively. The latest quarterly fall in the index was mainly driven by lower refinery fees for petroleum products. In the latest quarter, lower phosphatic fertiliser prices (due to the exchange rate and competition) also contributed to the fall in the petroleum, coal, and basic chemical manufacturing index.

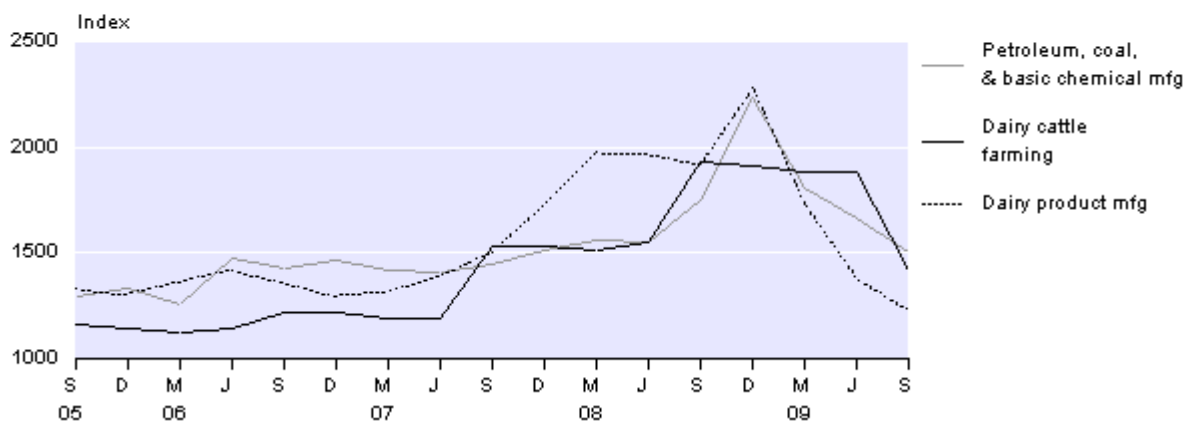
In the year to the September 2009 quarter, the petroleum, coal, and basic chemical manufacturing index fell 13.9 percent – the largest annual fall since the series began in the June 1994 quarter. The latest annual fall compared with rises of 21.2 percent and 1.3 percent in the years to the September 2008 and September 2007 quarters, respectively.

The retail trade index, and the tobacco, beverage, and malt manufacturing index were among the indexes providing some off-setting impact on the overall outputs index, by recording small increases in the latest quarter. The PPI outputs index fell 2.1 percent in the year to the September 2009 quarter, recording the largest annual fall since the series began in the December 1977 quarter. The latest annual fall compared with rises of 9.8 percent and 2.0 percent in the years to the September 2008 and September 2007 quarters, respectively.

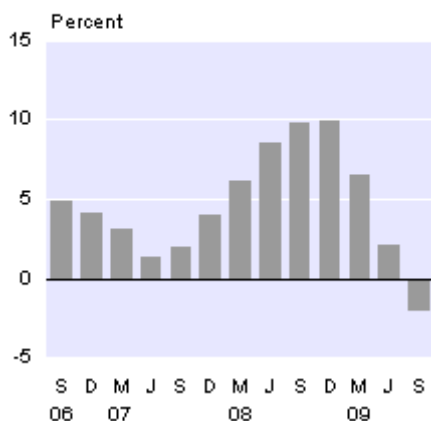
### Producers Price Index

*Outputs index – selected industries*

Base: December 1997 quarter (=1000)



### PPI Outputs *Annual change*



## Inputs

Input prices for all industries in the PPI fell 1.1 percent in the September 2009 quarter. This follows no quarterly change in the June 2009 quarter, and a fall of 2.5 percent in the March 2009 quarter.

<b>Producers Price Index Inputs</b> <i>All industries</i>		
Quarter	Percentage change from previous quarter	Percentage change from same quarter, previous year
Sep 2007	2.4	1.9
Dec 2007	1.3	4.3
Mar 2008	2.1	7.3
Jun 2008	6.0	12.3
Sep 2008	3.7	13.6
Dec 2008	-2.2	9.7
Mar 2009	-2.5	4.7
Jun 2009	0.0	-1.2
Sep 2009	-1.1	-5.8

The dairy product manufacturing index (down 20.9 percent) made the most significant downward contribution to the inputs index. This is the largest quarterly fall since a 24.0 percent decrease in the September 2002 quarter. The main driver of the fall in the September 2009 quarter was lower whole-milk prices at the farmgate. As mentioned in the Outputs commentary, the change in this whole-milk payout has been shown only in the PPI each September quarter. A new method that involves taking the most recently published figure for the forecast final payout, and showing movements in this figure on a quarterly basis will be implemented from the December 2009 quarter onwards.

Annually, from the September 2008 quarter to the September 2009 quarter, the dairy product manufacturing index fell 22.0 percent, following rises of 22.9 percent in the year to the September 2008 quarter, and 27.3 percent in the year to the September 2007 quarter.

The second most significant contribution to the inputs index came from the electricity generation and supply index. The index fell 8.2 percent, following a 10.4 percent rise in the June 2009 quarter, and a 1.5 percent fall in the March 2009 quarter. Respondents cited market conditions, higher hydro inflows, and seasonal conditions as the main reasons for the fall in electricity generation and supply prices. Lower prices for natural gas, used in the generation of electricity, also contributed to the latest quarter's fall.

On an annual basis, the electricity generation and supply index fell 32.4 percent in the year to the September 2009 quarter. This follows a 35.0 percent rise in the year to the September 2008 quarter, and a 5.2 percent fall in the year to the September 2007 quarter.

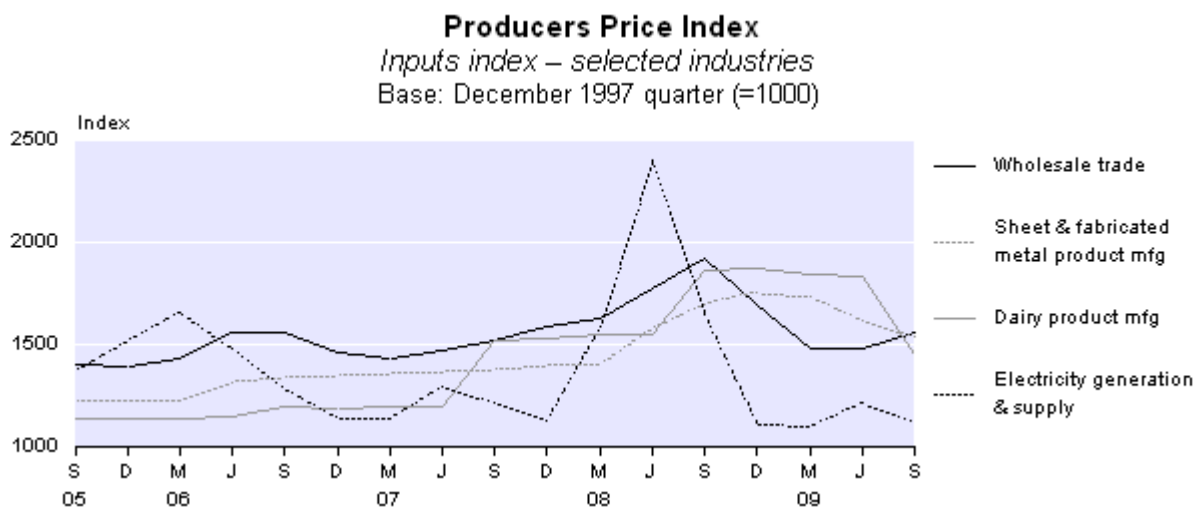
The sheet and fabricated metal product manufacturing index (down 5.2 percent) made the third most significant downward contribution to the inputs index. The fall in this index follows a 6.7 percent fall in the June 2009 quarter, and a 1.2 percent fall in the March 2009 quarter. The appreciation of the New Zealand dollar, and lower suppliers' prices for imported iron and steel were the main drivers of the fall in the latest quarter.

In the year to the September 2009 quarter, the sheet and fabricated metal product manufacturing index fell 9.4 percent. This is the index's first decrease since a 1.3 percent fall in the year to the March 2004 quarter, and the largest fall since the series began in the June 1994 quarter. This follows rises of 23.0 percent and 3.0 percent in the years to the September 2008, and September 2007 quarters, respectively.

The largest upward contribution came from the wholesale trade index (up 5.6 percent). This follows quarterly falls of 0.1 percent in the June 2009 quarter, and 12.7 percent in the March 2009 quarter. The latest rise in the index was mainly driven by imported and domestic crude oil price rises in the mineral, metal, and chemical wholesaling index.

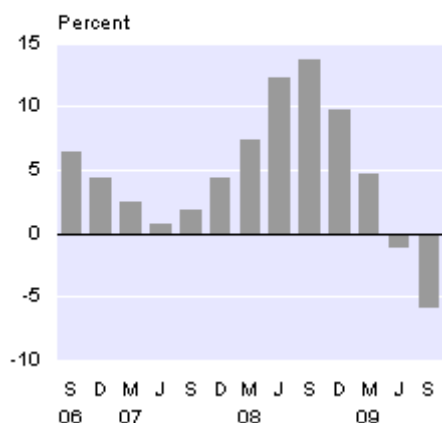
Despite the latest quarterly rise, the wholesale trade index fell 18.7 percent in the year to the September 2009 quarter – the largest annual fall since the series began in the June 1994 quarter. This follows a record rise of 26.3 percent in the year to the September 2008 quarter, and a fall of 2.2 percent in the year to the September 2007 quarter.

Input prices for all industries fell 5.8 percent in the year to the September 2009 quarter. This is the largest annual fall in the inputs index since the series began in the December 1977 quarter. The latest annual fall contrasts with rises of 13.6 percent in the year to the September 2008 quarter, and 1.9 percent in the year to the September 2007 quarter.



## PPI Inputs

*Annual change*



## Commodities

The logs for export market index fell 10.2 percent in the September 2009 quarter, driven by the appreciation of the New Zealand dollar. The latest quarterly fall compared with falls of 6.6 percent and 0.3 percent in the June and March 2009 quarters, respectively. The fall in logs for export market in the latest quarter was the largest recorded since the December 2007 quarter. In the year to the September 2009 quarter, the index rose 17.1 percent, compared with an 8.6 percent rise in the year to the September 2008 quarter, and a 0.3 percent rise in the year to the September 2007 quarter.

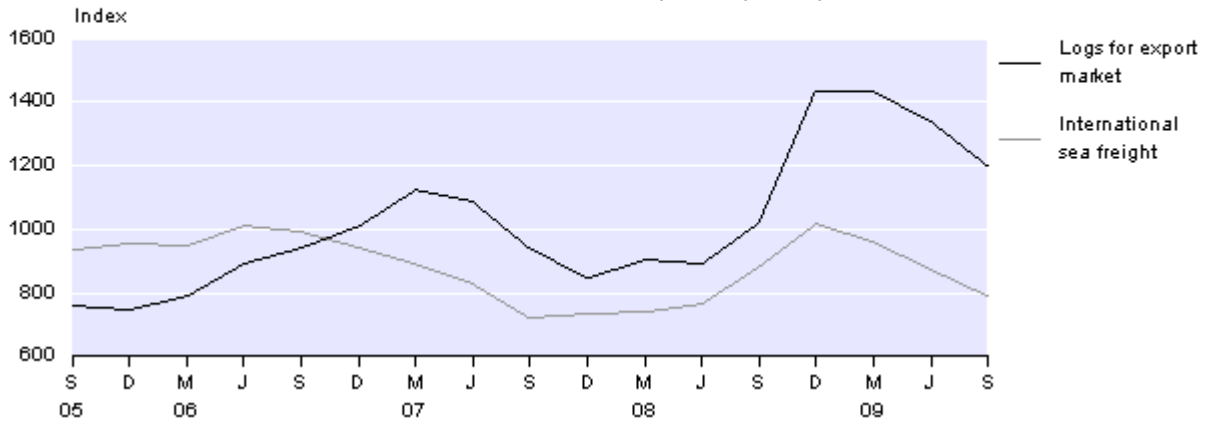
The processed meat: beef index rose slightly, by 0.1 percent in the September 2009 quarter, compared with falls of 7.0 percent and 3.3 percent in the June and the March 2009 quarters, respectively. In the year to the September 2009 quarter, the processed meat: beef index fell 13.7 percent compared with a 29.6 percent rise in the year to the September 2008 quarter, and an 11.8 percent fall in the year to the September 2007 quarter.

The processed meat: sheep and lamb index rose 0.9 percent in the September 2009 quarter, compared with a 5.1 percent fall in the June 2009 quarter, and a 6.0 percent rise in the March 2009 quarter. The latest quarterly increase was driven by improved prices for exported lamb cuts. In the year to the September 2009 quarter, the processed meat: sheep and lamb index rose 9.4 percent, compared with a rise of 15.4 percent in the year to the September 2008 quarter, and a 12.5 percent fall in the year to the September 2007 quarter.

Recording the third consecutive quarterly fall, the international sea freight index fell 9.3 percent in the September 2009 quarter, driven by the exchange rate. This followed falls of 9.1 percent and 5.9 percent in the June and March 2009 quarters, respectively. In the year to the September 2009 quarter, the index fell 10.8 percent compared with a rise of 22.7 percent in the year to the September 2008 quarter, and a 26.9 percent fall in the year to the September 2007 quarter.

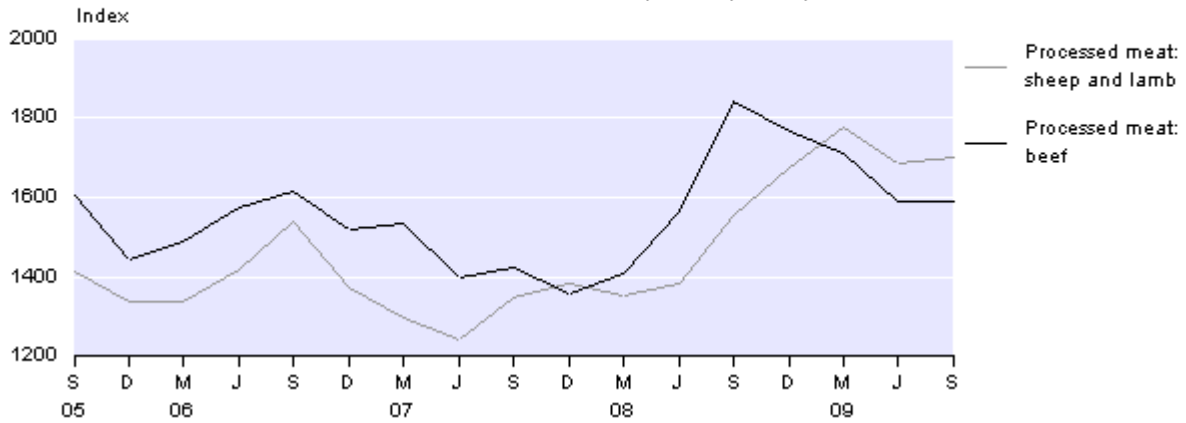
### Selected Commodity Indexes

*Logs for export market; international sea freight*  
Base: December 1997 quarter (=1000)



### Selected Commodity Indexes

*Processed meat: sheep and lamb; beef*  
Base: December 1997 quarter (=1000)



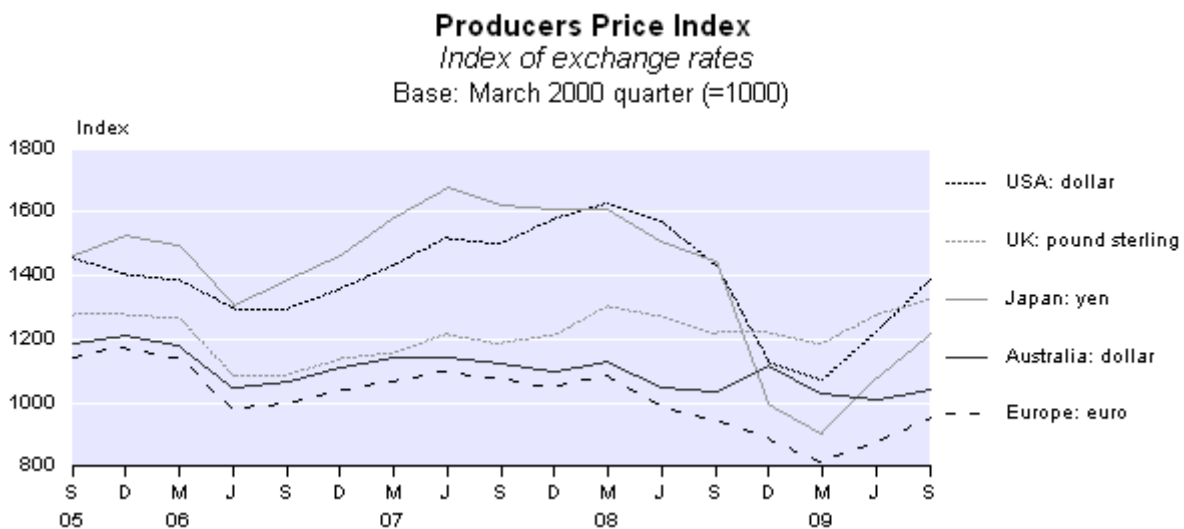
## Impact of exchange rates

When calculating the PPI, prices collected on the fifteenth day of the middle month in the quarter are generally used to represent the entire quarter. Prices collected for imported goods are often denominated in foreign currencies. These currencies are converted to New Zealand dollars using the exchange rate at the time of pricing.

The New Zealand dollar appreciated against all five key currencies of the country's five major trading partners in the September 2009 quarter. The table below shows changes in the value of the New Zealand dollar in foreign currency denominations from the June 2009 quarter to the September 2009 quarter.

<b>Exchange Rates</b> Bank selling rates for NZ\$1.00					
	USA (NZ\$:US\$)	UK (NZ\$:pound)	Australia (NZ\$:AUS\$)	Japan (NZ\$:yen)	Europe (NZ\$:euro)
15 May 2009	0.5899	0.3879	0.7776	56.5095	0.4315
15 August 2009	0.6701	0.4042	0.7995	63.5945	0.4675
Percentage change	13.6	4.2	2.8	12.5	8.3

**Source:** Westpac Banking Corporation.



## Price index developments

Statistics NZ began work in 2004 on a progressive redevelopment of PPIs. This involves re-evaluating the items that are priced and the weights that are applied to them. At this stage, the redevelopment applies only to output indexes. New input indexes will be finalised once all the output indexes have been redeveloped.



The following indexes within the property and business services index (PPIQ.SUL) has been redeveloped and took effect from the September 2009 quarter:

- Real estate (PPIQ.SUL01)
- Other property services (PPIQ.SUL03).

The non-building construction index within the construction index (PPIQ.SUE) has also been redeveloped and took effect from the September 2009 quarter:

- Non-building construction (PPIQ.SUE01410).

For more information, please see the 'Technical notes'.

## **Pricing financial services**

The output of the banking industry consists of services provided by banks and other financial intermediaries that are both explicitly and implicitly charged for. Pricing explicit services (such as, bank account fees) provided by financial intermediaries is relatively straightforward. However, pricing the intermediation services provided by financial institutions that are implicitly charged for is more problematic. Due to the complex nature of these services, there are some limitations in the approach taken to measure these services. For more information, please see the 'Technical notes'.

For technical information contact:  
Lisa-Jane Thomsen or Suchindra Nanayakkara  
Wellington 04 931 4600  
**Email:** [info@stats.govt.nz](mailto:info@stats.govt.nz)

### ***Next release ...***

*Producers Price Index: December 2009 quarter* will be released on 16 February 2010.

## Technical notes

### Note about fuel in the PPI inputs indexes

Fuel is a component of all the PPI industry inputs indexes. For these indexes, there are variations in the types of fuel included, the source and frequency of price collection, and the timing of when price movements are shown. In a number of indexes, the current practice (in place for more than a decade) has been to 'lag' by one quarter the movements for diesel and heavy fuel oil. For example, diesel and heavy fuel oil price movements that actually occurred in the September 2008 quarter were shown in the PPI road transport inputs index for the December 2008 quarter. On the other hand, petrol and light fuel oil price movements used in the PPI road transport inputs index are not lagged. Price movements for petrol and light fuel oil that occur in a particular quarter are shown in the PPI road transport inputs index for that quarter.

Statistics NZ will review the practice of lagging diesel and heavy fuel oil prices by one quarter. If a decision is made to remove the one-quarter lag for diesel and heavy fuel oil price movements included in the PPI industry inputs indexes, the removal of the lag would be implemented at a time when fuel prices are relatively stable, so as not to cause undue disruption to the long-term level of the time series, or to the latest quarterly or annual movements.

The affected indexes are listed below:

- Mining – PPIQ.SNB
- Manufacturing – PPIQ.SNC
- Paper and paper product manufacturing – PPIQ.SNC08
- Printing, publishing and recorded media – PPIQ.SNC09
- Non-metallic mineral product manufacturing – PPIQ.SNC12
- Transport and storage – PPIQ.SNI
- Road transport – PPIQ.SNI01
- Water transport – PPIQ.SNI03
- Air transport – PPIQ.SNI04
- Rail, other transport and storage services – PPIQ.SNI09
- Personal and other services – PPIQ.SNQ
- Paper, printing and publishing – PPIQ.SNX08.

### Price index interpretation

Price indexes are used to measure the changes in the level of prices, not the actual level of the prices themselves. The Producers Price Index (PPI) measures prices relating to the production sector of the economy. By comparison, the Consumers Price Index measures prices relating to the household sector, and the Labour Cost Index measures prices in the labour market.

The PPI is made up of two types of indexes: the outputs index, which measures changes in the prices received by producers; and the inputs index, which measures changes in

the cost of production (excluding labour and capital costs). The Farm Expenses Price Index (FEPI) measures price changes specific to the inputs into the farming industry.

## **PPI outputs index**

The outputs index measures changes in prices received by producers.

The outputs index covers the prices of:

- primary products
- manufactured goods
- revenue from renting and leasing
- the provision of services
- capital work undertaken by own employees
- margins on goods purchased for resale.

The outputs index excludes:

- interest and dividends
- royalties and patent fees
- receipts from insurance claims
- government cash grants and subsidies
- goods and services tax (GST) and other indirect taxes.

These indexes are designed to measure price changes at a level corresponding to the prices received before the addition of commodity taxes or deduction of subsidies.

## **PPI inputs index**

The inputs index measures price changes in costs of production, excluding labour and depreciation costs.

The inputs index covers the prices of:

- materials
- fuels and electricity
- transport and communication
- commission and contract services
- rent and lease of land, buildings, vehicles and plant
- business services
- insurance premiums less claims.

The inputs index excludes:

- wages and salaries (measured in the Labour Cost Index)
- capital expenditure/depreciation (measured in the Capital Goods Price Index)
- ACC levies, land tax, government licence fees, road user charges
- rates

- royalties, patent fees
- bad debts and donations.

GST is excluded when measuring input prices for 45 of the 47 industry input indexes. The assumption is made that those involved in activities in these industries are 'registered persons, or businesses' that provide 'taxable supply'. GST paid on intermediate consumption is recoverable under the GST credit offset system and therefore is effectively not part of the ultimate input price. Exceptions include the finance, and the ownership of owner-occupied dwellings indexes, which include some 'GST exempt' and non-recoverable GST activities. Interest costs are excluded because they are regarded as a cost of capital and not as a payment for goods or a service.

Government charges are excluded when they are used to raise tax revenue rather than the payment for goods or a service purchased from the government. This is consistent with the System of National Accounts.

## **Farm Expenses Price Index**

The Farm Expenses Price Index (FEPI) measures price changes of fixed inputs of goods and services to the farming industry. It does not fully measure changes in the production costs of farming. This is because production costs are not solely dependent on price movements, but are also dependent on factors that affect productivity, such as technological advances, management efficiency and climate fluctuations.

Capital expenditure and depreciation are not covered. (For price indexes of capital expenditure, refer to the Capital Goods Price Index.)

The Farm Expenses Price Index is now produced for the March quarter of each year only.

## **Coverage**

The indexes are calculated quarterly from price quotes, which are collected mainly by postal survey. Approximately 13,000 individual commodity items are surveyed from about 3,000 respondents. Prices are generally collected each quarter, according to those prevailing on the fifteenth of the middle month of the quarter being measured. Prices may be obtained monthly or annually, depending on the nature of the item.

## **Calculation**

The PPI and FEPI are Laspeyres base-weighted price index series. The weightings are determined by the relative importance of commodities and businesses within the industry or industry group. Information from various surveys and censuses and other sources is used to determine the weightings. Further information about this is available on request.

## **Data quality**

All care has been used in the surveying, processing, analysing, and extracting of data for the Producers Price Index. However, all data are subject to possible statistical

uncertainty. These variations may result, for example, from uncertainty introduced during non-response imputation, reporting difficulties for respondents, or errors made during processing survey results.

Statistics NZ adopts procedures to detect and minimise avoidable variation and eliminate errors, but they may still occur and they are not quantifiable. At higher levels of aggregations, much of the individual variability often cancels out. The PPI data have been checked for the published indexes, and also for underlying indexes, to identify any remaining uncertainty and detectable errors. These are corrected or re-estimated, where possible.

Ongoing work to redevelop, reweight, and enhance price indexes has the potential to change the underlying indexes. Accordingly, these data may be subject to revisions in the future.

## **Industry classification**

The PPI inputs and outputs indexes cover all the major market industry groups as defined by the Australian and New Zealand Standard Industrial Classification 1993 (ANZSIC). Index numbers for industry indexes based on this classification are available from the June 1994 quarter.

The all industries inputs index is made up of 47 industry indexes. Outputs indexes are not available for public administration and defence, education, health and community services, cultural and recreational services, and personal and other services industries, as reliable estimates of output prices have yet to be developed.

## **Customised price indexes**

Statistics NZ has a large number of unpublished sub-industry and representative commodity price indexes. These indexes are available at a small charge to cover dissemination costs.

## **Price index development**

The following is a detailed analysis of the output indexes affected by redevelopments that took place in the September 2009 quarter.

### ***Non-building construction***

The PPI for the non-building construction within the construction industry has been redeveloped, and takes effect from the September 2009 quarter.

PPIQ.SUE01410 – Non-building construction

Information used to redevelop this index is based on the Annual Enterprise Survey and companies involved in the industry.

There were no significant changes from when this industry was last redeveloped in 1997.

### Output Commodity Weights for Non-Building Construction

*June 2009 quarter*

<b>Commodity</b>	<b>Weight (%)</b>
Road construction and Maintenance	64.60
Power infrastructure construction	8.66
Bridge construction	5.84
Harbour dredging and construction	5.35
Water storage and supply construction	4.94
Sewerage and drainage construction	4.49
Other	6.12

### **Real estate**

PPIQ.SUL01 – Real Estate

Information used to redevelop this index is based on the Annual Enterprise Survey and companies involved in the industry.

### Output Commodity Weights for Real Estate

*June 2009 quarter*

<b>Commodity</b>	<b>Weight (%)</b>
Residential property rental	33.93
Commercial rent office and administration	24.00
Real estate agents commission	20.58
Commercial rent retail	11.02
Other property services	6.15
Other commercial rent	4.33

The group 'other commercial rent' is made up of commercial rent - agriculture and commercial rent - factory and industrial.

### **Other property services**

PPIQ.SUL.03 – Other property services

Information used to redevelop this index is based on the Annual Enterprise Survey and companies involved in the industry.

## Output Commodity Weights for Other Property Services

June 2009 quarter

Commodity	Weight (%)
Car or van rental	26.72
Other motor vehicle and transport equipment	26.83
Heavy machinery and scaffolding hire	26.67
Licensing the right to use intangible property	9.02
Other investment in intellectual property and non-financial assets	6.23
Other goods and equipment rental and hiring	4.53

The group 'Other investment in intellectual property and non-financial assets' is made up of copyright licensing, farm animal husbandry services, and beef cattle and calves.

For further information on the redevelopment, please contact Vanessa Turner at [info@stats.govt.nz](mailto:info@stats.govt.nz).

### Pricing financial services

The output of the banking sector can be broadly categorised in two ways. Firstly there are those explicit services provided by banks (and other financial intermediaries) that are explicitly charged for, such as bank account fees. Secondly, there is the general intermediation service provided by these businesses which is not explicitly charged for, but which is implicitly charged for through financial institutions lending money out at higher interest rates than they pay to depositors (or organisations from whom they borrow the funds).

Pricing the explicit services provided by financial intermediaries is relatively straightforward, and the PPI outputs index for the finance industry contains prices to represent this component of their output.

Pricing the intermediation services provided by financial institutions that are not explicitly charged for is more problematic. Within the PPI outputs index, the approach that is adopted is to determine the differential interest rate (referred to as a 'spread') between banks' lending activities (referred to as 'claims') compared with their borrowing activities (referred to as 'funding'), and apply this spread to an inflation-adjusted base period value of financial intermediation. The 'price' that is then derived can be thought of as the charge the banks implicitly make to intermediate sufficient funds needed to purchase a base period volume of goods/services. The claims and funding rates used in this calculation are sourced from the Reserve Bank of New Zealand (<http://www.rbnz.govt.nz/statistics/monfin/c10/data.html>), while the inflation adjustment is carried out using the all groups consumers price index.

One limitation of the above approach is that the weighted average interest rates on

funding, sourced from the published information available from the Reserve Bank exclude foreign currency funding, which accounted for approximately 30 percent of total registered bank funding at December 2008. The Reserve Bank has reported that it is currently working with registered banks to collect this information. Statistics NZ will incorporate this additional information to increase the coverage of bank funding interest rates in the PPI when it becomes available.

If the level of the foreign currency funding interest rates were higher than the New Zealand dollar currency funding rates, then the existing calculated spread would be too high. While this would influence the level of the calculated 'price' of the implicit intermediation service, it is important to note that the PPI measures price movements rather than price levels. Thus the lack of coverage of foreign currency funding rates in the calculation of the spread would only manifest itself in the PPI if the relative movements of the foreign currency funding rates were significantly different from the relative movements of the New Zealand dollar funding rates. Statistics NZ has looked at indicative alternative sources of foreign currency funding rates, and decided to continue to publish the existing index (which does not include foreign currency funding rates) until reliable information on foreign currency funding rates becomes available.

It should also be noted that the New Zealand dollar funding costs exclude the impact of hedging, for example interest rate-swap costs incurred against fixed-rate claims. This is because the PPI is interested in the rates that were contracted to by the parties to financial intermediation transactions. The hedging arrangements, while they will impact on the bottom-line profit of the banks, are considered to be separate transactions.

## **Index series available online**

To access more data from the CPI series, go to Infoshare at [www.stats.govt.nz/infoshare](http://www.stats.govt.nz/infoshare), and choose:

Subject category: Economic indicators, then choose: Producers Price Index

The time series can be downloaded in Excel or comma delimited format, where percentage movements can be calculated using the following formula:

$$\left( \frac{\text{Index number for later period} - \text{Index number for earlier period}}{\text{Index number for earlier period}} \right) \times 100$$

More information about Infoshare can be found on our website at [www.stats.govt.nz/about-infoshare](http://www.stats.govt.nz/about-infoshare).

## **More information**

For more information, follow the [link](#) from the Technical notes of this release on the Statistics NZ website.



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## **Timing**

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## Tables

The following tables are printed with this Hot Off The Press and can also be downloaded from the Statistics New Zealand website in Excel format. If you do not have access to Excel, you may use the [Excel file viewer](#) to view, print, and export the contents of the file.

### ***Producers Price Index***

1. Producers Price Index, outputs – index numbers
2. Producers Price Index, inputs – index numbers
3. Producers Price Index, outputs, percentage change from previous quarter
4. Producers Price Index, inputs, percentage change from previous quarter
5. Producers Price Index, outputs – selected industries
6. Producers Price Index, inputs – selected industries
7. Producers Price Index, selected commodities – index numbers and percentage changes

**Producers Price Index: September 2009 quarter**

Table 1

**Producers Price Index**  
**Outputs – index numbers**  
 Base: December 1997 quarter (=1000)

Industry group	Series ref: PPIQ	Quarter									
		2007		2008				2009			
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
<b>A</b>	<b>Agriculture, forestry and fishing</b>	<i>SUA</i>	1325	1327	1266	1330	1510	1537	1495	1494	1385
A01	Horticulture and fruit growing	<i>SUA01</i>	1611	1562	1398	1554	1558	1605	1435	1413	1453
A02	Livestock and cropping farming	<i>SUA02</i>	1309	1347	1234	1335	1568	1553	1500	1517	1506
A03	Dairy cattle farming	<i>SUA03</i>	1533	1536	1516	1548	1926	1909	1881	1879	1423
A04	Other farming	<i>SUA04</i>	1220	1242	1176	1227	1326	1361	1325	1346	1332
A05	Services to ag, hunting and trapping	<i>SUA05</i>	1424	1436	1454	1466	1497	1518	1523	1533	1543
A06	Forestry and logging	<i>SUA06</i>	957	925	931	927	967	1090	1086	1066	1029
A07	Fishing	<i>SUA07</i>	1245	1224	1256	1308	1494	1555	1630	1622	1513
<b>B</b>	<b>Mining</b>	<i>SUB</i>	1630	1763	1840	2068	2319	2205	2021	1931	1835
<b>C</b>	<b>Manufacturing</b>	<i>SUC</i>	1300	1334	1375	1395	1443	1536	1480	1412	1381
C01	Meat and meat product mfg	<i>SUC01</i>	1274	1289	1325	1403	1547	1530	1523	1467	1463
C02	Dairy product mfg	<i>SUC02</i>	1509	1735	1973	1966	1916	2283	1729	1385	1234
C03	Other food mfg	<i>SUC03</i>	1269	1284	1325	1343	1395	1431	1507	1480	1472
C04 C05	Tobacco, beverage and malt mfg <sup>(1)</sup>	<i>SUC04</i>	1398	1414	1427	1427	1482	1503	1520	1533	1590
C06	Textile and apparel mfg	<i>SUC06</i>	1038	1044	1044	1055	1054	1055	1029	1017	1011
C07	Wood product mfg	<i>SUC07</i>	1179	1178	1169	1164	1182	1202	1193	1165	1135
C08	Paper and paper product mfg	<i>SUC08</i>	1155	1152	1111	1145	1214	1270	1196	1108	1088
C09	Printing, publishing and recorded media	<i>SUC09</i>	1352	1342	1342	1345	1334	1339	1374	1399	1408
C10	Petroleum, coal and basic chemical mfg	<i>SUC10</i>	1446	1513	1562	1549	1753	2232	1811	1662	1509
C11	Rubber, plastics and other chemical mfg	<i>SUC11</i>	1222	1229	1240	1251	1279	1314	1336	1350	1357
C12	Non-metallic mineral product mfg	<i>SUC12</i>	1263	1274	1281	1293	1325	1343	1356	1357	1358
C13	Basic metal mfg	<i>SUC13</i>	1426	1430	1441	1492	1613	1736	1894	1818	1714
C14	Sheet and fabricated metal product mfg	<i>SUC14</i>	1350	1370	1404	1431	1531	1602	1639	1627	1606
C15	Transport equipment mfg	<i>SUC15</i>	1182	1177	1194	1232	1312	1452	1670	1568	1558
C16	Machinery and equipment mfg	<i>SUC16</i>	1382	1390	1423	1444	1440	1486	1493	1471	1465
C17	Other manufacturing	<i>SUC17</i>	1249	1259	1267	1295	1327	1346	1363	1368	1369
<b>D</b>	<b>Electricity, gas, and water<sup>(2)</sup></b>	<i>SUD</i>	1482	1419	1618	2054	1772	1558	1484	1633	1610
D01	Electricity generation and supply	<i>SUD01</i>	1457	1380	1606	2103	1788	1530	1444	1603	1587
D02	Gas supply	<i>SUD02</i>	1944	1983	1997	2033	1898	2055	2078	2188	2045
<b>E</b>	<b>Construction</b>	<i>SUE</i>	1410	1431	1445	1465	1485	1486	1489	1486	1483
<b>F</b>	<b>Wholesale trade</b>	<i>SUF</i>	1332	1373	1413	1498	1563	1503	1446	1430	1419
<b>G</b>	<b>Retail trade</b>	<i>SUG</i>	1193	1209	1220	1249	1267	1251	1262	1287	1304
<b>H</b>	<b>Accommodation, cafes, and restaurants</b>	<i>SUH</i>	1281	1301	1335	1348	1367	1394	1404	1391	1393
<b>I</b>	<b>Transport and storage</b>	<i>SUI</i>	1301	1335	1330	1363	1423	1430	1425	1391	1382
I01	Road transport	<i>SUI01</i>	1359	1373	1397	1446	1473	1469	1464	1447	1441
I03	Water transport	<i>SUI03</i>	1022	1049	1017	1072	1195	1190	1152	1091	1006
I04	Air transport	<i>SUI04</i>	1292	1330	1306	1340	1431	1443	1452	1381	1371
I02 I09	Rail, other transport and storage services <sup>(3)</sup>	<i>SUI09</i>	1289	1342	1330	1342	1394	1409	1392	1386	1389
<b>J</b>	<b>Communication services</b>	<i>SUJ</i>	917	916	918	926	930	932	931	929	930

For footnotes, see end of table.

**Producers Price Index: September 2009 quarter**

Table 1  
Continued

**Producers Price Index**  
**Outputs – index numbers**  
Base: December 1997 quarter (=1000)

Industry group	Series ref: PPIQ	Quarter								
		2007		2008				2009		
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
<b>K Finance and insurance</b>	<i>SUK</i>	1164	1167	1161	1154	1199	1286	1408	1535	1523
K01 Finance	<i>SUK01</i>	1059	1063	1055	1041	1105	1216	1394	1578	1559
K02 Insurance	<i>SUK02</i>	1218	1221	1250	1261	1272	1298	1333	1341	1359
K03 Services to finance and insurance	<i>SUK03</i>	1598	1591	1523	1514	1538	1627	1645	1726	1685
<b>L Property and business services</b>	<i>SUL</i>	1245	1254	1265	1284	1293	1305	1323	1321	1320
L01 Real estate	<i>SUL01</i>	1272	1283	1290	1297	1299	1302	1301	1304	1312
L02 Ownership of owner-occupied dwellings	<i>SUL02</i>	1169	1174	1186	1192	1200	1204	1208	1211	1213
L03 Other property services	<i>SUL03</i>	1132	1153	1165	1150	1149	1171	1184	1185	1190
L04 Business services	<i>SUL04</i>	1305	1315	1328	1367	1382	1406	1446	1436	1429
<b>P Cultural and recreational services</b>	<i>SUP</i>	1369	1375	1379	1389	1396	1411	1404	1414	1425
<b>Q Personal and other services</b>	<i>SUQ</i>	1347	1348	1363	1380	1408	1417	1425	1430	1459
X01 Agriculture	<i>SUX01</i>	1419	1430	1340	1426	1649	1649	1585	1590	1456
X05 Food, beverages and tobacco	<i>SUX05</i>	1359	1440	1539	1565	1612	1735	1583	1452	1407
X08 Paper, printing, and publishing	<i>SUX08</i>	1255	1248	1228	1247	1275	1305	1286	1256	1250
X09 Chemicals, petroleum and plastics	<i>SUX09</i>	1310	1340	1367	1368	1465	1675	1523	1473	1417
X12 Machinery and metal products	<i>SUX12</i>	1346	1356	1387	1413	1459	1528	1575	1546	1534
<b>9 ALL INDUSTRIES</b>	<i>SU9</i>	1290	1308	1331	1378	1417	1437	1417	1407	1387

(1) Tobacco product manufacturing has been combined with beverage and malt manufacturing for confidentiality reasons.

(2) The water supply industry index is not of sufficient quality and a separate index for it is not published.

(3) Rail transport has been combined with other transport and storage services for confidentiality reasons.

**Producers Price Index: September 2009 quarter**

Table 2

**Producers Price Index**  
*Inputs – index numbers*  
 Base: December 1997 quarter (=1000)

Industry group	Series ref: PPIQ	Quarter									
		2007		2008				2009			
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
<b>A</b>	<b>Agriculture, forestry and fishing</b>	<i>SNA</i>	1328	1339	1355	1410	1458	1449	1465	1463	1460
A01	Horticulture and fruit growing	<i>SNA01</i>	1289	1300	1312	1357	1383	1362	1361	1374	1380
A02	Sheep and beef farming <sup>(1)</sup>	<i>SNA02</i>	1440	1452	1461	1518	1580	1553	1590	1600	1604
A03	Dairy cattle farming	<i>SNA03</i>	1406	1424	1458	1553	1586	1580	1573	1554	1552
A04	Cropping and other farming <sup>(1)</sup>	<i>SNA04</i>	1325	1351	1368	1429	1468	1456	1487	1514	1517
A05	Services to ag, hunting, and trapping	<i>SNA05</i>	1468	1487	1514	1576	1615	1581	1575	1574	1579
A06	Forestry and logging	<i>SNA06</i>	1087	1079	1093	1103	1152	1185	1181	1165	1159
A07	Fishing	<i>SNA07</i>	1253	1267	1293	1366	1425	1422	1467	1413	1365
<b>B</b>	<b>Mining</b>	<i>SNB</i>	1390	1409	1423	1495	1543	1545	1540	1529	1496
<b>C</b>	<b>Manufacturing</b>	<i>SNC</i>	1301	1318	1321	1379	1493	1524	1503	1486	1415
C01	Meat and meat product mfg	<i>SNC01</i>	1249	1296	1185	1297	1586	1558	1445	1516	1527
C02	Dairy product mfg	<i>SNC02</i>	1512	1524	1541	1546	1858	1871	1841	1831	1449
C03	Other food mfg	<i>SNC03</i>	1261	1266	1279	1336	1387	1409	1435	1387	1386
C04 C05	Tobacco, beverage, and malt mfg <sup>(2)</sup>	<i>SNC04</i>	1361	1393	1402	1457	1496	1508	1556	1579	1546
C06	Textile and apparel mfg	<i>SNC06</i>	1015	1026	1032	1056	1072	1075	1055	1047	1031
C07	Wood product mfg	<i>SNC07</i>	1097	1096	1094	1109	1130	1172	1148	1133	1118
C08	Paper & paper product mfg	<i>SNC08</i>	1233	1226	1244	1308	1345	1404	1359	1314	1304
C09	Printing, publishing, and recorded media	<i>SNC09</i>	1189	1195	1197	1219	1247	1298	1324	1345	1309
C10	Petroleum, coal, and basic chemical mfg	<i>SNC10</i>	1440	1549	1617	1738	1852	2046	1917	1839	1824
C11	Rubber, plastics, and other chemical mfg	<i>SNC11</i>	1245	1243	1262	1301	1372	1424	1450	1445	1397
C12	Non-metallic mineral product mfg	<i>SNC12</i>	1330	1337	1361	1397	1432	1449	1445	1453	1456
C13	Basic metal mfg	<i>SNC13</i>	1497	1503	1596	1792	1812	1724	1703	1706	1685
C14	Sheet and fabricated metal product mfg	<i>SNC14</i>	1372	1385	1401	1572	1688	1751	1730	1614	1530
C15	Transport equipment mfg	<i>SNC15</i>	1181	1174	1180	1206	1241	1295	1328	1322	1304
C16	Machinery and equipment mfg	<i>SNC16</i>	1449	1475	1470	1506	1565	1613	1614	1542	1485
C17	Other manufacturing	<i>SNC17</i>	1245	1255	1275	1306	1341	1371	1378	1368	1353
<b>D</b>	<b>Electricity, gas, and water<sup>(3)</sup></b>	<i>SND</i>	1238	1159	1555	2260	1614	1171	1161	1277	1169
D01	Electricity generation and supply	<i>SND01</i>	1216	1121	1588	2394	1641	1111	1094	1208	1109
D02	Gas supply	<i>SND02</i>	1393	1410	1374	1564	1453	1544	1626	1849	1505
<b>E</b>	<b>Construction</b>	<i>SNE</i>	1536	1548	1565	1606	1656	1647	1649	1664	1665
<b>F</b>	<b>Wholesale trade</b>	<i>SNF</i>	1516	1583	1621	1767	1914	1691	1476	1475	1557
<b>G</b>	<b>Retail trade</b>	<i>SNG</i>	1254	1265	1281	1325	1357	1347	1346	1364	1371
<b>H</b>	<b>Accommodation, cafes, and restaurants</b>	<i>SNH</i>	1282	1283	1298	1346	1374	1375	1359	1393	1414
<b>I</b>	<b>Transport and storage</b>	<i>SNI</i>	1541	1590	1646	1775	1955	1874	1688	1619	1637
I01	Road transport	<i>SNI01</i>	1512	1548	1594	1655	1782	1814	1688	1609	1605
I03	Water transport	<i>SNI03</i>	1251	1264	1286	1332	1426	1434	1371	1336	1292
I04	Air transport	<i>SNI04</i>	1756	1834	1912	2161	2465	2210	1891	1814	1868
I02 I09	Rail, Other transport, and storage services <sup>(4)</sup>	<i>SNI09</i>	1268	1291	1326	1353	1407	1460	1400	1353	1350
<b>J</b>	<b>Communication services</b>	<i>SNJ</i>	1099	1106	1107	1123	1150	1162	1169	1172	1165

For footnotes, see end of table.

**Producers Price Index: September 2009 quarter**

Table 2  
Continued

**Producers Price Index**  
*Inputs – index numbers*  
Base: December 1997 quarter (=1000)

Industry group	Series ref: PPIQ	Quarter								
		2007		2008				2009		
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
<b>K Finance and insurance</b>	<i>SNK</i>	1247	1263	1271	1283	1294	1300	1306	1310	1315
K01 Finance	<i>SNK01</i>	1243	1261	1266	1278	1289	1295	1298	1302	1304
K02 Insurance	<i>SNK02</i>	1240	1253	1268	1279	1289	1296	1309	1315	1324
K03 Services to finance and insurance	<i>SNK03</i>	1279	1298	1307	1320	1332	1330	1338	1340	1348
<b>L Property and business services</b>	<i>SNL</i>	1304	1313	1328	1345	1358	1366	1372	1379	1388
L01 Real estate	<i>SNL01</i>	1400	1411	1422	1442	1443	1435	1433	1440	1450
L02 Ownership of owner-occupied dwellings	<i>SNL02</i>	1404	1408	1446	1469	1500	1534	1551	1578	1594
L03 Other property services	<i>SNL03</i>	1332	1338	1339	1360	1385	1387	1389	1386	1395
L04 Business services	<i>SNL04</i>	1239	1248	1259	1274	1284	1290	1295	1297	1304
<b>M Public administration &amp; defence<sup>(5)</sup></b>	<i>SNM</i>	1291	1308	1325	1363	1377	1370	1372	1385	1391
M01 Central government & defence <sup>(6)</sup>	<i>SNM01</i>	1259	1269	1279	1305	1321	1322	1329	1337	1341
M02 Local government & civil defence <sup>(7)</sup>	<i>SNM02</i>	1332	1360	1384	1438	1451	1433	1428	1448	1456
<b>N Education</b>	<i>SNN</i>	1226	1227	1235	1264	1280	1293	1290	1312	1320
<b>O Health and community services</b>	<i>SNO</i>	1225	1239	1259	1285	1297	1299	1307	1319	1328
<b>P Cultural and recreational services</b>	<i>SNP</i>	1257	1272	1284	1309	1319	1326	1326	1334	1340
<b>Q Personal and other services</b>	<i>SNQ</i>	1365	1378	1402	1429	1469	1492	1473	1457	1464
X01 Agriculture	<i>SNX01</i>	1394	1410	1426	1490	1537	1518	1538	1544	1546
X05 Food, beverage and tobacco	<i>SNX05</i>	1354	1376	1354	1408	1617	1620	1590	1595	1462
X08 Paper, printing and publishing	<i>SNX08</i>	1212	1211	1222	1266	1299	1354	1343	1329	1307
X09 Chemicals, petroleum and plastics	<i>SNX09</i>	1320	1363	1401	1472	1560	1668	1633	1600	1564
X12 Machinery and metal products	<i>SNX12</i>	1386	1403	1407	1489	1565	1619	1617	1539	1479
<b>8 All industries excl admin health education</b>	<i>SN8</i>	1350	1368	1397	1484	1541	1505	1464	1462	1445
<b>9 ALL INDUSTRIES</b>	<i>SN9</i>	1344	1361	1390	1473	1527	1493	1455	1455	1439

- (1) Agriculture input indexes by farm type are based on Farm Expenses Price Index (FEPI) categories, not ANZSIC categories. Output Agriculture indexes by farm type are based on ANZSIC.
- (2) Tobacco product manufacturing has been combined with beverage and malt manufacturing for confidentiality reasons.
- (3) The Water supply industry index is not of sufficient quality and a separate index for it is not published.
- (4) Rail transport has been combined with other transport and storage services for confidentiality reasons.
- (5) The official industry group title of government administration, defence, public order and safety services has been abbreviated to public administration and defence in this publication.
- (6) The official sub-industry group title of central government administration, defence, public order and safety services has been abbreviated to central government and defence in this publication.
- (7) The official sub-industry group title of local government administration services and civil defence has been abbreviated to local government and civil defence in this publication.

**Producers Price Index: September 2009 quarter**

Table 3

**Producers Price Index**  
**Outputs**  
Percentage change from previous quarter

Industry group	Series ref: PPIQ	Quarter									
		2007		2008				2009			
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
<b>A</b>	<b>Agriculture, forestry and fishing</b>	<i>SUA</i>	8.5	0.2	-4.6	5.1	13.5	1.8	-2.7	-0.1	-7.3
A01	Horticulture and fruit growing	<i>SUA01</i>	5.4	-3.0	-10.5	11.2	0.3	3.0	-10.6	-1.5	2.8
A02	Livestock and cropping farming	<i>SUA02</i>	6.8	2.9	-8.4	8.2	17.5	-1.0	-3.4	1.1	-0.7
A03	Dairy cattle farming	<i>SUA03</i>	28.8	0.2	-1.3	2.1	24.4	-0.9	-1.5	-0.1	-24.3
A04	Other farming	<i>SUA04</i>	3.2	1.8	-5.3	4.3	8.1	2.6	-2.6	1.6	-1.0
A05	Services to ag, hunting and trapping	<i>SUA05</i>	1.1	0.8	1.3	0.8	2.1	1.4	0.3	0.7	0.7
A06	Forestry and logging	<i>SUA06</i>	-5.1	-3.3	0.6	-0.4	4.3	12.7	-0.4	-1.8	-3.5
A07	Fishing	<i>SUA07</i>	1.0	-1.7	2.6	4.1	14.2	4.1	4.8	-0.5	-6.7
<b>B</b>	<b>Mining</b>	<i>SUB</i>	-10.3	8.2	4.4	12.4	12.1	-4.9	-8.3	-4.5	-5.0
<b>C</b>	<b>Manufacturing</b>	<i>SUC</i>	2.4	2.6	3.1	1.5	3.4	6.4	-3.6	-4.6	-2.2
C01	Meat and meat product mfg	<i>SUC01</i>	5.5	1.2	2.8	5.9	10.3	-1.1	-0.5	-3.7	-0.3
C02	Dairy product mfg	<i>SUC02</i>	8.2	15.0	13.7	-0.4	-2.5	19.2	-24.3	-19.9	-10.9
C03	Other food mfg	<i>SUC03</i>	0.6	1.2	3.2	1.4	3.9	2.6	5.3	-1.8	-0.5
C04 C05	Tobacco, beverage and malt mfg <sup>(1)</sup>	<i>SUC04</i>	1.7	1.1	0.9	0.0	3.9	1.4	1.1	0.9	3.7
C06	Textile and apparel mfg	<i>SUC06</i>	1.0	0.6	0.0	1.1	-0.1	0.1	-2.5	-1.2	-0.6
C07	Wood product mfg	<i>SUC07</i>	4.2	-0.1	-0.8	-0.4	1.5	1.7	-0.7	-2.3	-2.6
C08	Paper and paper product mfg	<i>SUC08</i>	1.4	-0.3	-3.6	3.1	6.0	4.6	-5.8	-7.4	-1.8
C09	Printing, publishing and recorded media	<i>SUC09</i>	0.9	-0.7	0.0	0.2	-0.8	0.4	2.6	1.8	0.6
C10	Petroleum, coal and basic chemical mfg	<i>SUC10</i>	2.8	4.6	3.2	-0.8	13.2	27.3	-18.9	-8.2	-9.2
C11	Rubber, plastics and other chemical mfg	<i>SUC11</i>	0.3	0.6	0.9	0.9	2.2	2.7	1.7	1.0	0.5
C12	Non-metallic mineral product mfg	<i>SUC12</i>	1.1	0.9	0.5	0.9	2.5	1.4	1.0	0.1	0.1
C13	Basic metal mfg	<i>SUC13</i>	-0.2	0.3	0.8	3.5	8.1	7.6	9.1	-4.0	-5.7
C14	Sheet and fabricated metal product mfg	<i>SUC14</i>	1.1	1.5	2.5	1.9	7.0	4.6	2.3	-0.7	-1.3
C15	Transport equipment mfg	<i>SUC15</i>	1.5	-0.4	1.4	3.2	6.5	10.7	15.0	-6.1	-0.6
C16	Machinery and equipment mfg	<i>SUC16</i>	-0.8	0.6	2.4	1.5	-0.3	3.2	0.5	-1.5	-0.4
C17	Other manufacturing	<i>SUC17</i>	1.1	0.8	0.6	2.2	2.5	1.4	1.3	0.4	0.1
<b>D</b>	<b>Electricity, gas and water<sup>(2)</sup></b>	<i>SUD</i>	-1.5	-4.3	14.0	26.9	-13.7	-12.1	-4.7	10.0	-1.4
D01	Electricity generation and supply	<i>SUD01</i>	-1.8	-5.3	16.4	30.9	-15.0	-14.4	-5.6	11.0	-1.0
D02	Gas supply	<i>SUD02</i>	0.4	2.0	0.7	1.8	-6.6	8.3	1.1	5.3	-6.5
<b>E</b>	<b>Construction</b>	<i>SUE</i>	2.0	1.5	1.0	1.4	1.4	0.1	0.2	-0.2	-0.2
<b>F</b>	<b>Wholesale trade</b>	<i>SUF</i>	1.2	3.1	2.9	6.0	4.3	-3.8	-3.8	-1.1	-0.8
<b>G</b>	<b>Retail trade</b>	<i>SUG</i>	0.5	1.3	0.9	2.4	1.4	-1.3	0.9	2.0	1.3
<b>H</b>	<b>Accommodation, cafes and restaurants</b>	<i>SUH</i>	0.9	1.6	2.6	1.0	1.4	2.0	0.7	-0.9	0.1
<b>I</b>	<b>Transport and storage</b>	<i>SUI</i>	0.7	2.6	-0.4	2.5	4.4	0.5	-0.3	-2.4	-0.6
I01	Road transport	<i>SUI01</i>	1.4	1.0	1.7	3.5	1.9	-0.3	-0.3	-1.2	-0.4
I03	Water transport	<i>SUI03</i>	-5.2	2.6	-3.1	5.4	11.5	-0.4	-3.2	-5.3	-7.8
I04	Air transport	<i>SUI04</i>	0.7	2.9	-1.8	2.6	6.8	0.8	0.6	-4.9	-0.7
I02 I09	Rail, Other transport and storage services <sup>(3)</sup>	<i>SUI09</i>	0.5	4.1	-0.9	0.9	3.9	1.1	-1.2	-0.4	0.2
<b>J</b>	<b>Communication services</b>	<i>SUJ</i>	-0.2	-0.1	0.2	0.9	0.4	0.2	-0.1	-0.2	0.1

For footnotes, see end of table.

**Producers Price Index: September 2009 quarter**

Table 3  
Continued

**Producers Price Index**  
**Outputs**  
Percentage change from previous quarter

Industry group	Series ref: PPIQ	Quarter								
		2007		2008				2009		
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
<b>K Finance and insurance</b>	<i>SUK</i>	-2.1	0.3	-0.5	-0.6	3.9	7.3	9.5	9.0	-0.8
K01 Finance	<i>SUK01</i>	-3.9	0.4	-0.8	-1.3	6.1	10.0	14.6	13.2	-1.2
K02 Insurance	<i>SUK02</i>	0.3	0.2	2.4	0.9	0.9	2.0	2.7	0.6	1.3
K03 Services to finance and insurance	<i>SUK03</i>	0.4	-0.4	-4.3	-0.6	1.6	5.8	1.1	4.9	-2.4
<b>L Property and business services</b>	<i>SUL</i>	1.0	0.7	0.9	1.5	0.7	0.9	1.4	-0.2	-0.1
L01 Real estate	<i>SUL01</i>	1.0	0.9	0.5	0.5	0.2	0.2	-0.1	0.2	0.6
L02 Ownership of owner-occupied dwellings	<i>SUL02</i>	0.8	0.4	1.0	0.5	0.7	0.3	0.3	0.2	0.2
L03 Other property services	<i>SUL03</i>	1.9	1.9	1.0	-1.3	-0.1	1.9	1.1	0.1	0.4
L04 Business services	<i>SUL04</i>	0.8	0.8	1.0	2.9	1.1	1.7	2.8	-0.7	-0.5
<b>P Cultural and recreational services</b>	<i>SUP</i>	0.2	0.4	0.3	0.7	0.5	1.1	-0.5	0.7	0.8
<b>Q Personal and other services</b>	<i>SUQ</i>	2.1	0.1	1.1	1.2	2.0	0.6	0.6	0.4	2.0
X01 Agriculture	<i>SUX01</i>	12.4	0.8	-6.3	6.4	15.6	0.0	-3.9	0.3	-8.4
X05 Food, beverages and tobacco	<i>SUX05</i>	4.6	6.0	6.9	1.7	3.0	7.6	-8.8	-8.3	-3.1
X08 Paper, printing and publishing	<i>SUX08</i>	1.1	-0.6	-1.6	1.5	2.2	2.4	-1.5	-2.3	-0.5
X09 Chemicals, petroleum and plastics	<i>SUX09</i>	1.4	2.3	2.0	0.1	7.1	14.3	-9.1	-3.3	-3.8
X12 Machinery and metal products	<i>SUX12</i>	0.2	0.7	2.3	1.9	3.3	4.7	3.1	-1.8	-0.8
<b>9 ALL INDUSTRIES</b>	<i>SU9</i>	1.6	1.4	1.8	3.5	2.8	1.4	-1.4	-0.7	-1.4

- (1) Tobacco product manufacturing has been combined with beverage and malt manufacturing for confidentiality reasons.  
(2) The water supply industry index is not of sufficient quality and a separate index for it is not published.  
(3) Rail transport has been combined with other transport and storage services for confidentiality reasons.



**Producers Price Index: September 2009 quarter**

Table 4

**Producers Price Index**  
*Inputs*  
Percentage change from previous quarter

Industry group	Series ref: PPIQ	Quarter									
		2007		2008				2009			
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
<b>A</b>	<b>Agriculture, forestry and fishing</b>	<i>SNA</i>	1.4	0.8	1.2	4.1	3.4	-0.6	1.1	-0.1	-0.2
A01	Horticulture and fruit growing	<i>SNA01</i>	1.4	0.9	0.9	3.4	1.9	-1.5	-0.1	1.0	0.4
A02	Sheep and beef farming <sup>(1)</sup>	<i>SNA02</i>	1.5	0.8	0.6	3.9	4.1	-1.7	2.4	0.6	0.2
A03	Dairy cattle farming	<i>SNA03</i>	1.7	1.3	2.4	6.5	2.1	-0.4	-0.4	-1.2	-0.1
A04	Cropping and other farming <sup>(1)</sup>	<i>SNA04</i>	1.6	2.0	1.3	4.5	2.7	-0.8	2.1	1.8	0.2
A05	Services to ag, hunting and trapping	<i>SNA05</i>	2.2	1.3	1.8	4.1	2.5	-2.1	-0.4	-0.1	0.3
A06	Forestry and logging	<i>SNA06</i>	0.2	-0.7	1.3	0.9	4.4	2.9	-0.3	-1.4	-0.5
A07	Fishing	<i>SNA07</i>	2.3	1.1	2.1	5.6	4.3	-0.2	3.2	-3.7	-3.4
<b>B</b>	<b>Mining</b>	<i>SNB</i>	1.2	1.4	1.0	5.1	3.2	0.1	-0.3	-0.7	-2.2
<b>C</b>	<b>Manufacturing</b>	<i>SNC</i>	4.7	1.3	0.2	4.4	8.3	2.1	-1.4	-1.1	-4.8
C01	Meat and meat product mfg	<i>SNC01</i>	7.3	3.8	-8.6	9.5	22.3	-1.8	-7.3	4.9	0.7
C02	Dairy product mfg	<i>SNC02</i>	26.5	0.8	1.1	0.3	20.2	0.7	-1.6	-0.5	-20.9
C03	Other food mfg	<i>SNC03</i>	1.3	0.4	1.0	4.5	3.8	1.6	1.8	-3.3	-0.1
C04 C05	Tobacco, beverage and malt mfg <sup>(2)</sup>	<i>SNC04</i>	1.4	2.4	0.6	3.9	2.7	0.8	3.2	1.5	-2.1
C06	Textile and apparel mfg	<i>SNC06</i>	1.4	1.1	0.6	2.3	1.5	0.3	-1.9	-0.8	-1.5
C07	Wood product mfg	<i>SNC07</i>	-0.7	-0.1	-0.2	1.4	1.9	3.7	-2.0	-1.3	-1.3
C08	Paper and paper product mfg	<i>SNC08</i>	1.6	-0.6	1.5	5.1	2.8	4.4	-3.2	-3.3	-0.8
C09	Printing, publishing and recorded media	<i>SNC09</i>	-0.3	0.5	0.2	1.8	2.3	4.1	2.0	1.6	-2.7
C10	Petroleum, coal and basic chemical mfg	<i>SNC10</i>	0.9	7.6	4.4	7.5	6.6	10.5	-6.3	-4.1	-0.8
C11	Rubber, plastics and other chemical mfg	<i>SNC11</i>	-0.4	-0.2	1.5	3.1	5.5	3.8	1.8	-0.3	-3.3
C12	Non-metallic mineral product mfg	<i>SNC12</i>	0.9	0.5	1.8	2.6	2.5	1.2	-0.3	0.6	0.2
C13	Basic metal mfg	<i>SNC13</i>	-1.0	0.4	6.2	12.3	1.1	-4.9	-1.2	0.2	-1.2
C14	Sheet and fabricated metal product mfg	<i>SNC14</i>	1.0	0.9	1.2	12.2	7.4	3.7	-1.2	-6.7	-5.2
C15	Transport equipment mfg	<i>SNC15</i>	0.0	-0.6	0.5	2.2	2.9	4.4	2.5	-0.5	-1.4
C16	Machinery and equipment mfg	<i>SNC16</i>	1.3	1.8	-0.3	2.4	3.9	3.1	0.1	-4.5	-3.7
C17	Other manufacturing	<i>SNC17</i>	0.6	0.8	1.6	2.4	2.7	2.2	0.5	-0.7	-1.1
<b>D</b>	<b>Electricity, gas and water<sup>(3)</sup></b>	<i>SND</i>	-4.5	-6.4	34.2	45.3	-28.6	-27.4	-0.9	10.0	-8.5
D01	Electricity generation and supply	<i>SND01</i>	-5.8	-7.8	41.7	50.8	-31.5	-32.3	-1.5	10.4	-8.2
D02	Gas supply	<i>SND02</i>	4.9	1.2	-2.6	13.8	-7.1	6.3	5.3	13.7	-18.6
<b>E</b>	<b>Construction</b>	<i>SNE</i>	1.7	0.8	1.1	2.6	3.1	-0.5	0.1	0.9	0.1
<b>F</b>	<b>Wholesale trade</b>	<i>SNF</i>	3.1	4.4	2.4	9.0	8.3	-11.7	-12.7	-0.1	5.6
<b>G</b>	<b>Retail trade</b>	<i>SNG</i>	0.7	0.9	1.3	3.4	2.4	-0.7	-0.1	1.3	0.5
<b>H</b>	<b>Accommodation, cafes and restaurants</b>	<i>SNH</i>	1.8	0.1	1.2	3.7	2.1	0.1	-1.2	2.5	1.5
<b>I</b>	<b>Transport and storage</b>	<i>SNI</i>	2.4	3.2	3.5	7.8	10.1	-4.1	-9.9	-4.1	1.1
I01	Road transport	<i>SNI01</i>	1.2	2.4	3.0	3.8	7.7	1.8	-6.9	-4.7	-0.2
I03	Water transport	<i>SNI03</i>	1.1	1.0	1.7	3.6	7.1	0.6	-4.4	-2.6	-3.3
I04	Air transport	<i>SNI04</i>	4.0	4.4	4.3	13.0	14.1	-10.3	-14.4	-4.1	3.0
I02 I09	Rail, other transport and storage services <sup>(4)</sup>	<i>SNI09</i>	0.6	1.8	2.7	2.0	4.0	3.8	-4.1	-3.4	-0.2
<b>J</b>	<b>Communication services</b>	<i>SNJ</i>	0.5	0.6	0.1	1.4	2.4	1.0	0.6	0.3	-0.6

For footnotes, see end of table.

**Producers Price Index: September 2009 quarter**

Table 4  
Continued

**Producers Price Index**  
*Inputs*  
Percentage change from previous quarter

Industry group	Series ref: PPIQ	Quarter								
		2007		2008				2009		
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
<b>K Finance and insurance</b>	<i>SNK</i>	0.8	1.3	0.6	0.9	0.9	0.5	0.5	0.3	0.4
K01 Finance	<i>SNK01</i>	0.8	1.4	0.4	0.9	0.9	0.5	0.2	0.3	0.2
K02 Insurance	<i>SNK02</i>	0.6	1.0	1.2	0.9	0.8	0.5	1.0	0.5	0.7
K03 Services to finance and insurance	<i>SNK03</i>	0.9	1.5	0.7	1.0	0.9	-0.2	0.6	0.1	0.6
<b>L Property and business services</b>	<i>SNL</i>	1.6	0.7	1.1	1.3	1.0	0.6	0.4	0.5	0.7
L01 Real estate	<i>SNL01</i>	1.4	0.8	0.8	1.4	0.1	-0.6	-0.1	0.5	0.7
L02 Ownership of owner-occupied dwellings	<i>SNL02</i>	3.5	0.3	2.7	1.6	2.1	2.3	1.1	1.7	1.0
L03 Other property services	<i>SNL03</i>	1.3	0.5	0.1	1.6	1.8	0.1	0.1	-0.2	0.6
L04 Business services	<i>SNL04</i>	1.0	0.7	0.9	1.2	0.8	0.5	0.4	0.2	0.5
<b>M Public administration and defence<sup>(5)</sup></b>	<i>SNM</i>	1.5	1.3	1.3	2.9	1.0	-0.5	0.1	0.9	0.4
M01 Central government and defence <sup>(6)</sup>	<i>SNM01</i>	1.0	0.8	0.8	2.0	1.2	0.1	0.5	0.6	0.3
M02 Local government and civil defence <sup>(7)</sup>	<i>SNM02</i>	1.9	2.1	1.8	3.9	0.9	-1.2	-0.3	1.4	0.6
<b>N Education</b>	<i>SNN</i>	1.0	0.1	0.7	2.3	1.3	1.0	-0.2	1.7	0.6
<b>O Health and community services</b>	<i>SNO</i>	0.5	1.1	1.6	2.1	0.9	0.2	0.6	0.9	0.7
<b>P Cultural and recreational services</b>	<i>SNP</i>	0.9	1.2	0.9	1.9	0.8	0.5	0.0	0.6	0.4
<b>Q Personal and other services</b>	<i>SNQ</i>	1.0	1.0	1.7	1.9	2.8	1.6	-1.3	-1.1	0.5
X01 Agriculture	<i>SNX01</i>	1.5	1.1	1.1	4.5	3.2	-1.2	1.3	0.4	0.1
X05 Food, beverage and tobacco	<i>SNX05</i>	11.6	1.6	-1.6	4.0	14.8	0.2	-1.9	0.3	-8.3
X08 Paper, printing and publishing	<i>SNX08</i>	0.7	-0.1	0.9	3.6	2.6	4.2	-0.8	-1.0	-1.7
X09 Chemicals, petroleum and plastics	<i>SNX09</i>	0.2	3.3	2.8	5.1	6.0	6.9	-2.1	-2.0	-2.3
X12 Machinery and metal products	<i>SNX12</i>	1.0	1.2	0.3	5.8	5.1	3.5	-0.1	-4.8	-3.9
<b>8 All industries excl admin health education</b>	<i>SN8</i>	2.5	1.3	2.1	6.2	3.8	-2.3	-2.7	-0.1	-1.2
<b>9 ALL INDUSTRIES</b>	<i>SN9</i>	2.4	1.3	2.1	6.0	3.7	-2.2	-2.5	0.0	-1.1

(1) Agriculture input indexes by farm type are based on Farm Expenses Price Index (FEPI) categories, not ANZSIC categories. Output agriculture indexes by farm type are based on ANZSIC.

(2) Tobacco product manufacturing has been combined with beverage and malt manufacturing for confidentiality reasons.

(3) The water supply industry index is not of sufficient quality and a separate index for it is not published.

(4) Rail transport has been combined with other transport and storage services for confidentiality reasons.

(5) The official industry group title of government administration, defence, public order and safety services has been abbreviated to public administration and defence in this publication.

(6) The official sub-industry group title of central government administration, defence, public order and safety services has been abbreviated to central government and defence in this publication.

(7) The official sub-industry group title of local government administration services and civil defence has been abbreviated to local government and civil defence in this publication.

**Producers Price Index: September 2009 quarter**

Table 5

**Producers Price Index**  
**Outputs – selected industries**  
 Percentage change from same quarter of previous year

Industry group	Series ref: PPIQ	Quarter									
		2007		2008				2009			
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
<b>A</b>	<b>Agriculture, forestry and fishing</b>	<i>SUA</i>	5.0	3.2	4.4	8.9	14.0	15.8	18.1	12.3	-8.3
A02	Livestock and cropping farming	<i>SUA02</i>	-5.6	-4.3	-1.0	8.9	19.8	15.3	21.6	13.6	-4.0
A03	Dairy cattle farming	<i>SUA03</i>	25.7	26.2	26.6	30.1	25.6	24.3	24.1	21.4	-26.1
A04	Other farming	<i>SUA04</i>	6.0	4.5	0.3	3.8	8.7	9.6	12.7	9.7	0.5
A06	Forestry and logging	<i>SUA06</i>	0.9	-5.1	-7.7	-8.0	1.0	17.8	16.6	15.0	6.4
<b>B</b>	<b>Mining</b>	<i>SUB</i>	-20.1	-7.9	3.1	13.8	42.3	25.1	9.8	-6.6	-20.9
<b>C</b>	<b>Manufacturing</b>	<i>SUC</i>	2.4	5.9	8.7	9.8	11.0	15.1	7.6	1.2	-4.3
C01	Meat and meat product mfg	<i>SUC01</i>	-3.6	3.9	4.8	16.1	21.4	18.7	14.9	4.6	-5.4
C02	Dairy product mfg	<i>SUC02</i>	11.1	33.9	50.4	41.0	27.0	31.6	-12.4	-29.6	-35.6
C03	Other food mfg	<i>SUC03</i>	1.4	1.1	4.2	6.4	9.9	11.4	13.7	10.2	5.5
C08	Paper and paper product mfg	<i>SUC08</i>	0.8	0.8	-4.1	0.5	5.1	10.2	7.7	-3.2	-10.4
C09	Printing, publishing and recorded media	<i>SUC09</i>	2.1	2.4	1.5	0.4	-1.3	-0.2	2.4	4.0	5.5
C10	Petroleum, coal and basic chemical mfg	<i>SUC10</i>	1.3	3.2	10.3	10.1	21.2	47.5	15.9	7.3	-13.9
C13	Basic metal mfg	<i>SUC13</i>	6.5	4.3	2.1	4.4	13.1	21.4	31.4	21.8	6.3
<b>D</b>	<b>Electricity, gas and water<sup>(1)</sup></b>	<i>SUD</i>	0.0	-0.3	16.4	36.5	19.6	9.8	-8.3	-20.5	-9.1
D01	Electricity generation and supply	<i>SUD01</i>	-0.8	-0.8	18.7	41.7	22.7	10.9	-10.1	-23.8	-11.2
<b>E</b>	<b>Construction</b>	<i>SUE</i>	4.4	5.0	5.2	6.0	5.3	3.8	3.0	1.4	-0.1
<b>F</b>	<b>Wholesale trade</b>	<i>SUF</i>	1.4	5.9	8.9	13.8	17.3	9.5	2.3	-4.5	-9.2
<b>G</b>	<b>Retail trade</b>	<i>SUG</i>	1.0	3.3	4.0	5.2	6.2	3.5	3.4	3.0	2.9
<b>H</b>	<b>Accommodation, cafes and restaurants</b>	<i>SUH</i>	3.2	3.7	5.5	6.2	6.7	7.1	5.2	3.2	1.9
<b>I</b>	<b>Transport and storage</b>	<i>SUI</i>	2.2	4.8	3.8	5.5	9.4	7.1	7.1	2.1	-2.9
I01	Road transport	<i>SUI01</i>	5.4	6.1	6.5	7.9	8.4	7.0	4.8	0.1	-2.2
I04	Air transport	<i>SUI04</i>	-2.0	1.3	0.6	4.4	10.8	8.5	11.2	3.1	-4.2
<b>J</b>	<b>Communication services</b>	<i>SUJ</i>	-0.7	0.0	0.0	0.8	1.4	1.7	1.4	0.3	0.0
<b>K</b>	<b>Finance and insurance</b>	<i>SUK</i>	-2.3	-0.8	-0.6	-2.9	3.0	10.2	21.3	33.0	27.0
K01	Finance	<i>SUK01</i>	-6.8	-3.5	-2.0	-5.5	4.3	14.4	32.1	51.6	41.1
<b>L</b>	<b>Property and business services</b>	<i>SUL</i>	3.6	3.6	3.4	4.1	3.9	4.1	4.6	2.9	2.1
L04	Business services	<i>SUL04</i>	3.6	3.8	3.7	5.6	5.9	6.9	8.9	5.0	3.4
<b>P</b>	<b>Cultural and recreational services</b>	<i>SUP</i>	1.8	1.7	1.2	1.7	2.0	2.6	1.8	1.8	2.1
<b>Q</b>	<b>Personal and other services</b>	<i>SUQ</i>	4.1	3.9	4.1	4.6	4.5	5.1	4.5	3.6	3.6
<b>9</b>	<b>ALL INDUSTRIES</b>	<i>SU9</i>	2.0	4.0	6.1	8.5	9.8	9.9	6.5	2.1	-2.1

(1) The water supply industry index is not of sufficient quality and a separate index for it is not published.

**Producers Price Index: September 2009 quarter**

Table 6

**Producers Price Index**  
*Inputs – selected industries*  
 Percentage change from same quarter of previous year

Industry group	Series ref. PPIQ	Quarter									
		2007		2008				2009			
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	
<b>A</b>	<b>Agriculture, forestry and fishing</b>	<i>SNA</i>	2.2	3.9	4.6	7.6	9.8	8.2	8.1	3.8	0.1
A02	Sheep and beef farming <sup>(1)</sup>	<i>SNA02</i>	1.8	3.9	4.1	7.0	9.7	7.0	8.8	5.4	1.5
A03	Dairy cattle farming	<i>SNA03</i>	3.0	5.0	6.9	12.4	12.8	11.0	7.9	0.1	-2.1
A04	Cropping and other farming <sup>(1)</sup>	<i>SNA04</i>	3.4	6.4	6.8	9.6	10.8	7.8	8.7	5.9	3.3
A06	Forestry and logging	<i>SNA06</i>	0.7	-0.1	1.0	1.7	6.0	9.8	8.1	5.6	0.6
<b>B</b>	<b>Mining</b>	<i>SNB</i>	3.6	3.9	4.6	8.9	11.0	9.7	8.2	2.3	-3.0
<b>C</b>	<b>Manufacturing</b>	<i>SNC</i>	3.7	4.4	6.3	10.9	14.8	15.6	13.8	7.8	-5.2
C01	Meat and meat product mfg	<i>SNC01</i>	-8.7	-6.2	-2.0	11.4	27.0	20.2	21.9	16.9	-3.7
C02	Dairy product mfg	<i>SNC02</i>	27.3	28.7	29.7	29.4	22.9	22.8	19.5	18.4	-22.0
C03	Other food mfg	<i>SNC03</i>	1.7	1.6	5.3	7.3	10.0	11.3	12.2	3.8	-0.1
C08	Paper and paper product mfg	<i>SNC08</i>	1.4	0.9	2.8	7.8	9.1	14.5	9.2	0.5	-3.0
C09	Printing, publishing and recorded media	<i>SNC09</i>	0.5	0.9	1.2	2.2	4.9	8.6	10.6	10.3	5.0
C10	Petroleum, coal and basic chemical mfg	<i>SNC10</i>	0.7	3.3	9.3	21.8	28.6	32.1	18.6	5.8	-1.5
C13	Basic metal mfg	<i>SNC13</i>	1.3	2.5	6.5	18.5	21.0	14.7	6.7	-4.8	-7.0
<b>D</b>	<b>Electricity, gas and water<sup>(2)</sup></b>	<i>SND</i>	-5.2	-1.4	33.5	74.4	30.4	1.0	-25.3	-43.5	-27.6
D01	Electricity generation and supply	<i>SND01</i>	-5.2	-1.4	40.7	85.4	35.0	-0.9	-31.1	-49.5	-32.4
<b>E</b>	<b>Construction</b>	<i>SNE</i>	4.7	5.1	5.1	6.4	7.8	6.4	5.4	3.6	0.5
<b>F</b>	<b>Wholesale trade</b>	<i>SNF</i>	-2.2	8.4	13.4	20.1	26.3	6.8	-8.9	-16.5	-18.7
<b>G</b>	<b>Retail trade</b>	<i>SNG</i>	1.8	2.6	4.1	6.4	8.2	6.5	5.1	2.9	1.0
<b>H</b>	<b>Accommodation, cafes and restaurants</b>	<i>SNH</i>	3.7	2.4	4.5	6.9	7.2	7.2	4.7	3.5	2.9
<b>I</b>	<b>Transport and storage</b>	<i>SNI</i>	-2.2	3.7	9.7	17.9	26.9	17.9	2.6	-8.8	-16.3
I01	Road transport	<i>SNI01</i>	-0.6	4.5	8.0	10.8	17.9	17.2	5.9	-2.8	-9.9
I04	Air transport	<i>SNI04</i>	-4.3	4.0	13.3	28.0	40.4	20.5	-1.1	-16.1	-24.2
<b>J</b>	<b>Communication services</b>	<i>SNJ</i>	0.3	1.7	1.7	2.7	4.6	5.1	5.6	4.4	1.3
<b>K</b>	<b>Finance and insurance</b>	<i>SNK</i>	2.4	3.3	3.5	3.7	3.8	2.9	2.8	2.1	1.6
K01	Finance	<i>SNK01</i>	2.5	3.4	3.4	3.6	3.7	2.7	2.5	1.9	1.2
<b>L</b>	<b>Property and business services</b>	<i>SNL</i>	3.2	3.4	4.0	4.8	4.1	4.0	3.3	2.5	2.2
L04	Business services	<i>SNL04</i>	1.7	2.1	2.8	3.8	3.6	3.4	2.9	1.8	1.6
<b>M</b>	<b>Public administration and defence<sup>(3)</sup></b>	<i>SNM</i>	2.7	4.2	5.2	7.2	6.7	4.7	3.5	1.6	1.0
<b>N</b>	<b>Education</b>	<i>SNN</i>	3.2	2.9	3.2	4.1	4.4	5.4	4.5	3.8	3.1
<b>O</b>	<b>Health and community services</b>	<i>SNO</i>	2.3	3.2	4.6	5.4	5.9	4.8	3.8	2.6	2.4
<b>P</b>	<b>Cultural and recreational services</b>	<i>SNP</i>	2.4	3.4	4.0	5.1	4.9	4.2	3.3	1.9	1.6
<b>Q</b>	<b>Personal and other services</b>	<i>SNQ</i>	0.8	1.5	4.0	5.7	7.6	8.3	5.1	2.0	-0.3
<b>8</b>	<b>All industries excl admin health education</b>	<i>SN8</i>	1.8	4.3	7.5	12.7	14.1	10.0	4.8	-1.5	-6.2
<b>9</b>	<b>ALL INDUSTRIES</b>	<i>SN9</i>	1.9	4.3	7.3	12.3	13.6	9.7	4.7	-1.2	-5.8

(1) Agriculture input indexes by farm type are based on Farm Expenses Price Index (FEPI) categories, not ANZSIC categories. Output agriculture indexes by farm type are based on ANZSIC.

(2) The water supply industry index is not of sufficient quality and a separate index for it is not published.

(3) The official industry group title of government administration, defence, public order and safety services has been abbreviated to public administration and defence in this publication.

**Producers Price Index: September 2009 quarter**

Table 7

**Producers Price Index**  
*Selected commodities – index numbers and percentage changes*

Base: December 1997 quarter (=1000)

Commodity	Series ref: PPIQ	Quarter								
		2007		2008				2009		
		Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep
Livestock: sheep and lamb	SC01	1279	1365	1168	1290	1581	1662	1718	1881	1920
Livestock: cattle	SC02	1547	1561	1433	1553	1922	1767	1566	1598	1615
Livestock: deer	SC03	867	982	977	1050	1242	1302	1213	1277	1303
Wool	SC04	836	862	857	903	959	929	814	695	685
Logs for domestic market	SC05	951	936	925	920	915	946	953	950	949
Logs for export market	SC06	945	847	905	891	1026	1437	1432	1338	1201
Processed meat: beef	SC07	1423	1359	1407	1567	1844	1768	1709	1590	1592
Processed meat: sheep and lamb	SC08	1348	1385	1352	1381	1556	1676	1777	1687	1703
Dairy products (excl milk and ice cream)	SC09	1522	1767	2023	2016	1957	2349	1753	1380	1216
Carpet and textile floor coverings	SC10	1342	1295	1299	1353	1289	1307	1217	1256	1252
Pulp	SC11	1183	1187	1210	1272	1397	1413	1271	1194	1141
Paper	SC12	1041	1067	1034	1083	1154	1284	1274	1158	1102
Fertiliser	SC13	1441	1443	1668	1757	2396	3460	2578	2480	2389
Ready-mixed concrete	SC14	1297	1302	1336	1339	1361	1384	1391	1396	1396
Framing timber	SC15	1172	1138	1138	1138	1141	1138	1133	1136	1135
Electricity: commercial consumers	SC16	1329	1201	1337	1827	1730	1530	1304	1568	1602
Gas: commercial consumers	SC17	1867	1876	1905	1886	1873	1956	1980	1964	1903
Road freight	SC18	1393	1408	1428	1479	1536	1529	1522	1505	1503
International sea freight	SC19	724	737	741	765	888	1020	960	873	792
Finance service charge	SC20	883	876	863	836	900	1013	1190	1383	1364
Bank charges	SC21	1389	1416	1422	1432	1467	1456	1436	1482	1475
Commercial rent (excl agricultural land)	SC22	1160	1174	1180	1190	1203	1213	1216	1220	1224
Legal services: personal and corporate	SC23	1452	1473	1476	1488	1514	1516	1616	1617	1624
Accounting services	SC24	1718	1726	1757	1783	1797	1815	1902	1904	1907

**Percentage change from previous quarter**

Livestock: sheep and lamb	9.7	6.7	-14.4	10.4	22.6	5.1	3.4	9.5	2.1
Livestock: cattle	7.2	0.9	-8.2	8.4	23.8	-8.1	-11.4	2.0	1.1
Livestock: deer	10.6	13.3	-0.5	7.5	18.3	4.8	-6.8	5.3	2.0
Wool	0.2	3.1	-0.6	5.4	6.2	-3.1	-12.4	-14.6	-1.4
Logs for domestic market	-3.4	-1.6	-1.2	-0.5	-0.5	3.4	0.7	-0.3	-0.1
Logs for export market	-13.1	-10.4	6.8	-1.5	15.2	40.1	-0.3	-6.6	-10.2
Processed meat: beef	1.8	-4.5	3.5	11.4	17.7	-4.1	-3.3	-7.0	0.1
Processed meat: sheep and lamb	8.7	2.7	-2.4	2.1	12.7	7.7	6.0	-5.1	0.9
Dairy products (excl milk and ice cream)	8.2	16.1	14.5	-0.3	-2.9	20.0	-25.4	-21.3	-11.9
Carpet and textile floor coverings	2.7	-3.5	0.3	4.2	-4.7	1.4	-6.9	3.2	-0.3
Pulp	2.6	0.3	1.9	5.1	9.8	1.1	-10.0	-6.1	-4.4
Paper	-1.4	2.5	-3.1	4.7	6.6	11.3	-0.8	-9.1	-4.8
Fertiliser	12.6	0.1	15.6	5.3	36.4	44.4	-25.5	-3.8	-3.7
Ready-mixed concrete	0.0	0.4	2.6	0.2	1.6	1.7	0.5	0.4	0.0
Framing timber	1.8	-2.9	0.0	0.0	0.3	-0.3	-0.4	0.3	-0.1
Electricity: commercial consumers	2.4	-9.6	11.3	36.6	-5.3	-11.6	-14.8	20.2	2.2
Gas: commercial consumers	-1.0	0.5	1.5	-1.0	-0.7	4.4	1.2	-0.8	-3.1
Road freight	1.6	1.1	1.4	3.6	3.9	-0.5	-0.5	-1.1	-0.1
International sea freight	-12.9	1.8	0.5	3.2	16.1	14.9	-5.9	-9.1	-9.3
Finance service charge	-7.1	-0.8	-1.5	-3.1	7.7	12.6	17.5	16.2	-1.4
Bank charges	-0.3	1.9	0.4	0.7	2.4	-0.7	-1.4	3.2	-0.5
Commercial rent (excl agricultural land)	0.9	1.2	0.5	0.8	1.1	0.8	0.2	0.3	0.3
Legal services: personal and corporate	0.8	1.4	0.2	0.8	1.7	0.1	6.6	0.1	0.4
Accounting services	2.7	0.5	1.8	1.5	0.8	1.0	4.8	0.1	0.2