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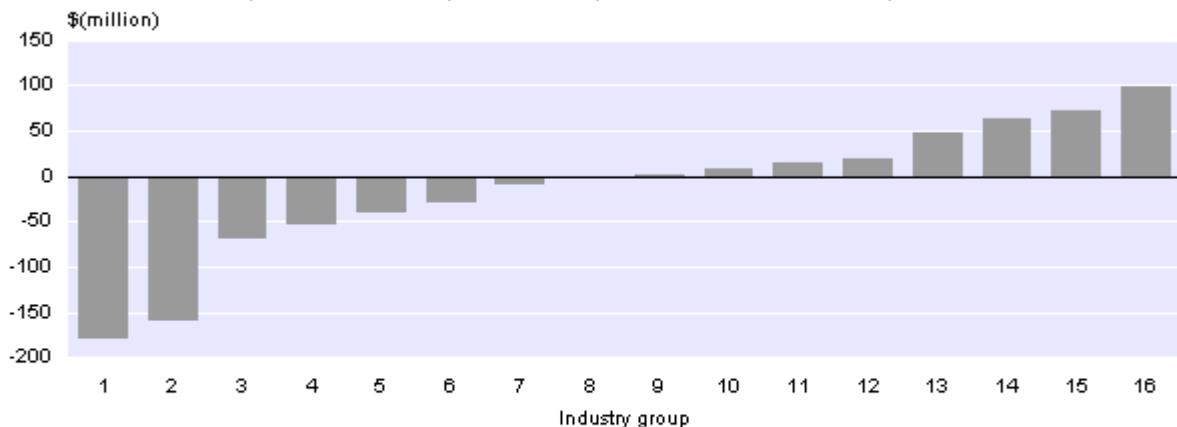
Wholesale Trade Survey: September 2008 quarter

Highlights

- Seasonally adjusted total wholesale trade sales decreased 1.0 percent (\$219 million).
- The quarterly decrease was led by motor vehicle wholesaling, down 11.3 percent (\$179 million).
- Seasonally adjusted wholesale stocks rose 2.6 percent (\$300 million).
- The total wholesale trade sales trend continues to increase, but at a slower rate in recent quarters.

Industry Contribution to the Change in Seasonally Adjusted Sales

September 2008 quarter compared with June 2008 quarter



1 Motor vehicle	7 Metal and mineral	13 Pharmaceutical and toiletry
2 Petroleum product	8 Household goods	14 Wholesale trade nec
3 Primary product food	9 Books and paper product	15 Farm, construction machinery and professional business equipment
4 Builders' supplies	10 Textile, clothing and footwear	16 Unprocessed primary products
5 Machinery and equipment nec	11 Chemical	
6 Food and grocery products	12 Electrical and electronic equipment	

Dallas Welch (Mrs)
Acting Government Statistician

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See also [Wholesale Trade Survey: September 2008 quarter – Media release.](#)

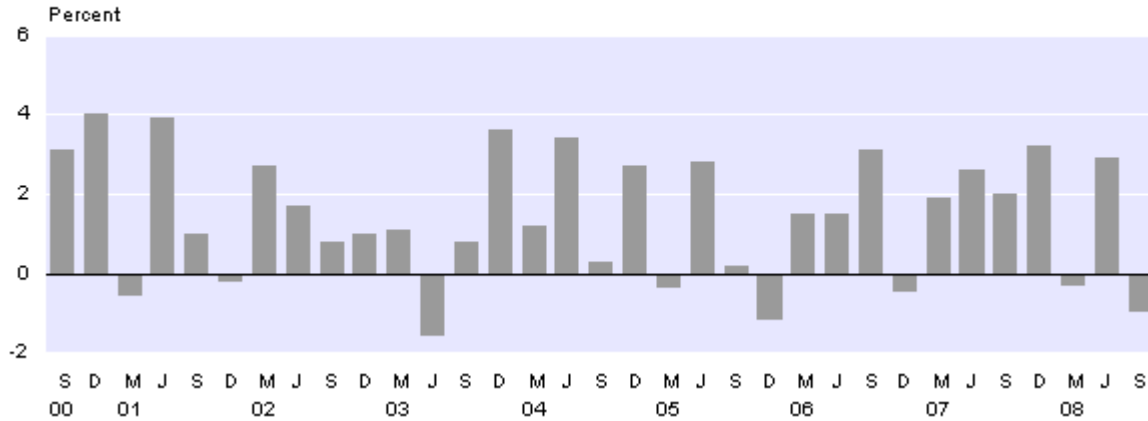
Commentary

All references to sales movements are to seasonally adjusted series unless otherwise stated.

Total sales

Total wholesale trade sales decreased 1.0 percent (\$219 million) for the September 2008 quarter compared with the June 2008 quarter. This is the largest quarterly fall since the December 2005 quarter, and follows a 2.9 percent increase (\$632 million) in the June 2008 quarter.

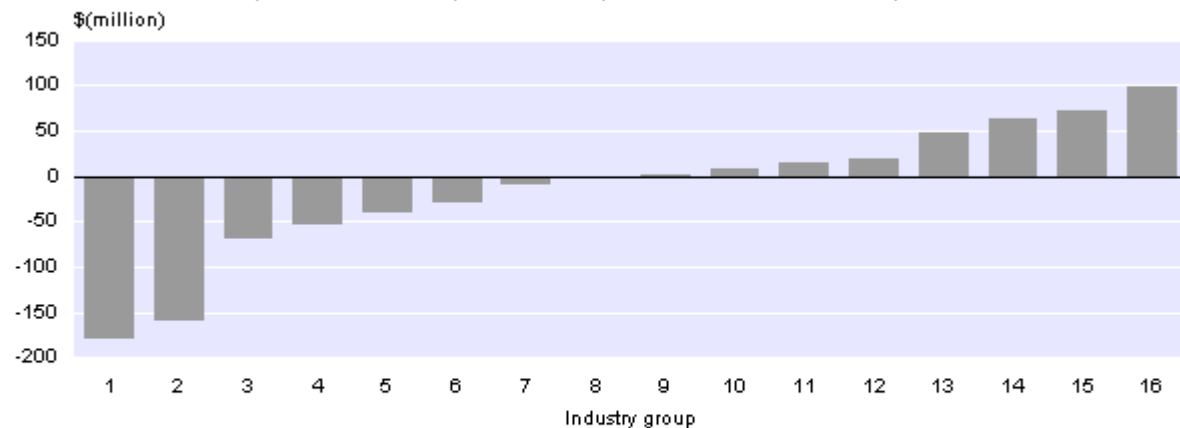
Change in Wholesale Trade Seasonally Adjusted Sales
Quarterly



Half of the 16 wholesale industries had lower sales in the September 2008 quarter with the overall decrease led by a fall in motor vehicle wholesaling, down 11.3 percent (\$179 million). The next largest decreases were recorded in petroleum product wholesaling, down 6.9 percent (\$160 million), primary product food wholesaling, down 3.3 percent (\$69 million), and builders' supplies wholesaling, down 3.1 percent (\$54 million).

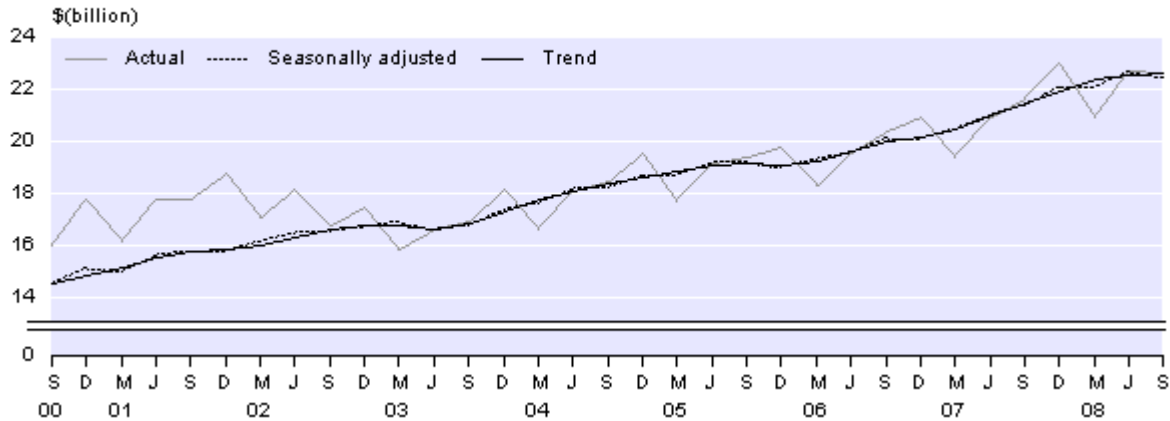
Of the eight industries to record increases, the largest was in unprocessed primary products wholesaling, up 5.6 percent (\$99 million).

Industry Contribution to the Change in Seasonally Adjusted Sales
September 2008 quarter compared with June 2008 quarter



- | | | |
|-------------------------------|--|---|
| 1 Motor vehicle | 7 Metal and mineral | 13 Pharmaceutical and toiletry |
| 2 Petroleum product | 8 Household goods | 14 Wholesale trade nec |
| 3 Primary product food | 9 Books and paper product | 15 Farm, construction machinery and professional business equipment |
| 4 Builders' supplies | 10 Textile, clothing and footwear | 16 Unprocessed primary products |
| 5 Machinery and equipment nec | 11 Chemical | |
| 6 Food and grocery products | 12 Electrical and electronic equipment | |

Wholesale Trade Total Sales Quarterly

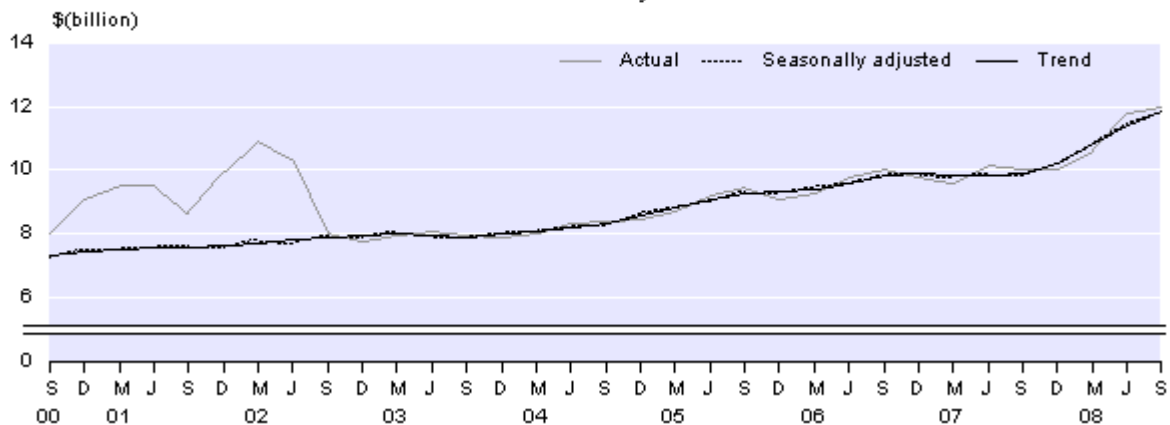


The total sales trend continues to increase, but has shown signs of easing in recent quarters. The average quarterly increase has slowed to 0.7 percent over the last two quarters compared with an average increase of 1.8 percent during 2006 and 2007.

Total stocks

Seasonally adjusted wholesale trade stocks increased 2.6 percent (\$300 million) in the September 2008 quarter, recording a value of \$11,795 million. This follows large increases of 6.0 percent and 6.4 percent for the June and March 2008 quarters, respectively. Fourteen of the 16 wholesale industries recorded increased stocks for the September 2008 quarter, with the largest rises in machinery and equipment nec wholesaling (up \$125 million), and primary product food wholesaling (up \$88 million). The largest fall was recorded for petroleum product wholesaling (down \$349 million), which was most likely due to the commencement of falling crude oil prices during the September 2008 quarter.

Wholesale Trade Total Stocks Quarterly



In the September 2002 quarter, sales and stocks series were affected by restructuring in the dairy industry. To maintain the consistency of the seasonally adjusted and trend series, the discontinuity has been removed prior to seasonal adjustment.

Motor vehicle wholesaling

The motor vehicle wholesaling industry comprises car and commercial vehicles wholesaling, and motor vehicle new and used parts dealing.

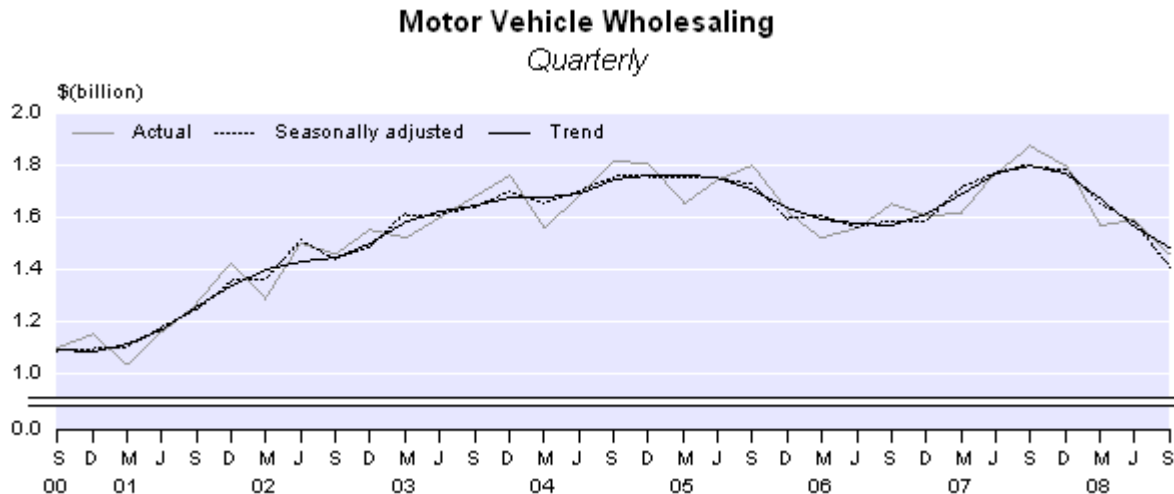
Sales for this industry decreased 11.3 percent (\$179 million), falling to a similar level last seen in the September 2002 quarter. This is the largest recorded sales decrease since the series began in March 1995, and the fourth consecutive quarterly decrease for the motor vehicle industry, with falls of 4.3 percent (\$72 million), and 7.1 percent (\$127 million) in the June 2008 and March 2008 quarters, respectively.

The sales trend for motor vehicle wholesaling has been declining over the last four quarters, falling 18 percent since the September 2007 quarter, with an average quarterly decrease of 4.7 percent.

The Retail Trade Survey: September 2008 quarter showed motor vehicle sales falling 4.7 percent (\$88 million) in the September 2008 quarter, and declining trend values over the last four quarters, down 15.9 percent since September 2007.

Statistics from the New Zealand Transport Agency show new registrations have decreased 35.8 percent for total commercial vehicles, and 6.0 percent for cars and station wagons (including cars previously registered overseas) for the September 2008 quarter compared with the June 2008 quarter. The decline in commercial vehicle registrations follows a 17.1 percent increase for the June 2008 quarter which coincided with the introduction of more stringent brake rules for heavy vehicles imposed on 1 July 2008.

The stocks for motor vehicle wholesaling rose 2.1 percent (\$35 million) in the September 2008 quarter, following an increase of 14.5 percent (\$213 million) in the June 2008 quarter.



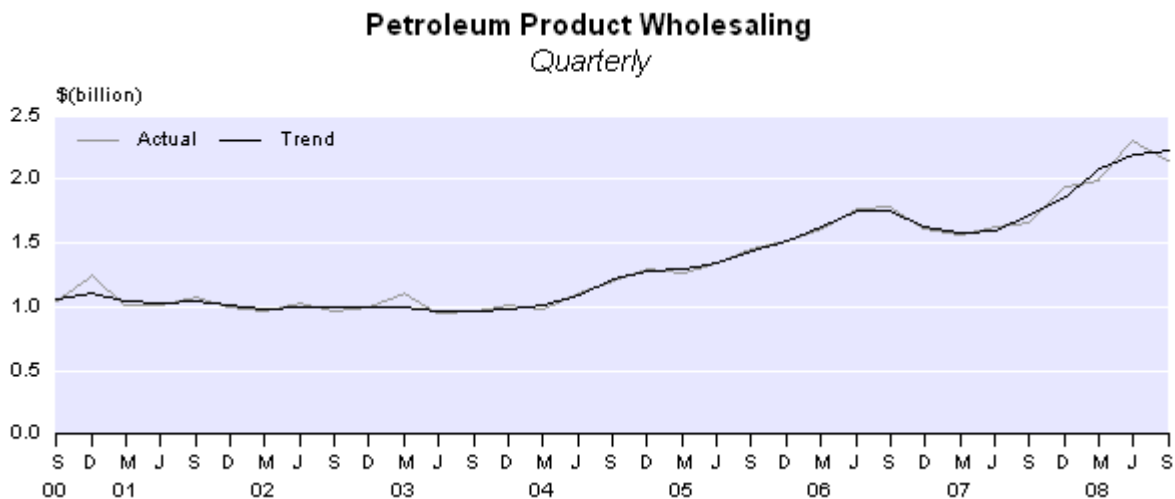
Petroleum product wholesaling

The petroleum product wholesaling industry comprises liquefied petroleum gas, crude oil, diesel oil, petrol, petroleum products, bitumen and heating oil, and is dominated by the major oil companies. Sales and stocks for petroleum product wholesaling are not seasonally adjusted as they do not exhibit a reliable seasonal pattern.

Sales for this industry have fallen 6.9 percent (\$160 million) this quarter in comparison with the large increase of 15.9 percent (\$317 million) in the June 2008 quarter.

Similarly, the stocks for petroleum product wholesaling have fallen 15.9 percent (\$349 million) compared with the large increase of 34.0 percent (\$558 million) in the June 2008 quarter. Sales and stock falls were most likely due to the falling crude oil prices during the September 2008 quarter.

The sales trend for petroleum product wholesaling continued to increase, up 41.8 percent since the March 2007 quarter.



Unprocessed primary products wholesaling

The unprocessed primary products wholesaling industry comprises wool, wheat and cereal grain wholesaling, farm produce, livestock, fencing, fertilisers, skins, seed supply, stock feed, veterinary and other farm supplies wholesaling.

Sales for unprocessed primary products increased 5.6 percent (\$99 million) in the September 2008 quarter, following rises of 5.3 percent (\$89 million) and 7.6 percent (\$119 million) in the June and March 2008 quarters, respectively.

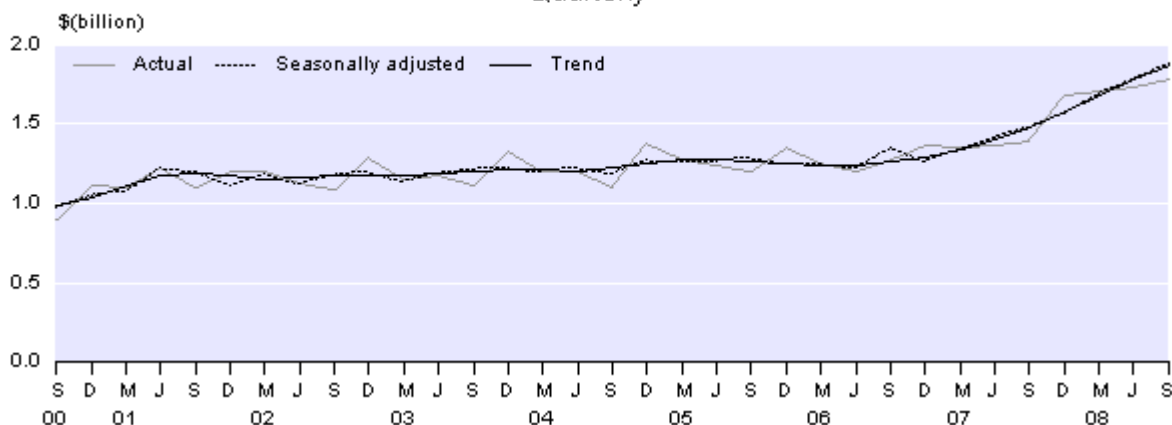
The Producers Price Index: September 2008 quarter recorded a 22.3 percent increase in the meat and meat product manufacturing inputs index. The rise was mainly driven by higher prices for both prime beef, and prime sheep and lamb livestock at the farm gate.

The sales trend for unprocessed primary products has shown solid growth, increasing 50.6 percent since the June 2006 quarter, with an average quarterly increase of 4.7 percent. This period of increase followed a period of decline over the year ended June 2006, when the trend fell 2.6 percent.

Seasonally adjusted stocks for unprocessed primary products rose 5.9 percent (\$44 million) in the September 2008 quarter, following an increase of 11.9 percent (\$79 million) in the June 2008 quarter.

Unprocessed Primary Product Wholesaling

Quarterly



Primary product food wholesaling

The primary product food wholesaling industry comprises dairy produce, fruit and vegetables, fish, meat, poultry and small goods wholesaling.

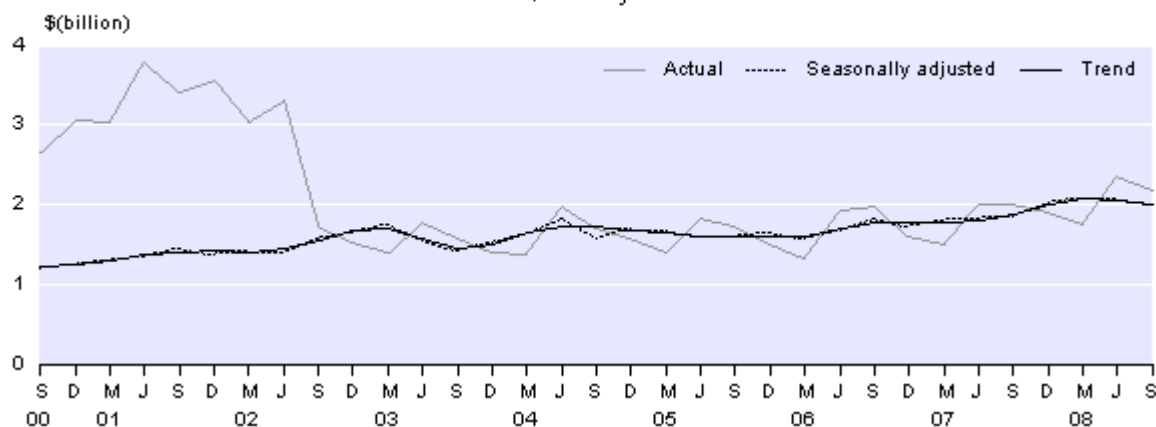
Sales for primary product food wholesaling decreased 3.3 percent (\$69 million) in the September 2008 quarter. This follows a fall of 0.7 percent (\$15 million), and a rise of 3.3 percent (\$66 million) in the June and March 2008 quarters, respectively.

The sales trend for the primary product food industry has fallen 3.5 percent over the last two quarters. This follows periods of increases, up 17.6 percent between the March 2007 and March 2008 quarters.

Seasonally adjusted stocks for primary product food wholesaling increased 35.3 percent (\$88 million) in the September 2008 quarter.

Primary Product Food Wholesaling

Quarterly



Revisions

Amended information has resulted in revisions to the actual sales series for the chemical wholesaling and food and grocery wholesaling industries for the June 2008 quarter.

There have also been corresponding revisions to the seasonally adjusted, trend and total series.

Wholesale Trade Survey Actual Sales Revisions				
Quarter	Industry	Series ref: WTSQ	Published on 5 September 2008	Published 5 December 2008
			\$(million)	\$(million)
June 2008	Chemical	<i>SNF0123A</i>	509	498
June 2008	Food and grocery	<i>SNF0165A</i>	4,072	4,022
	Total	<i>SNF0ZZZA</i>	22,727	22,667

Measurement errors

All statistical estimates are subject to measurement errors. These include both sample errors and non-sample errors. In addition, the survey applies imputation methodologies to cope with small firms and non-response. These measurement errors should be considered when analysing the results from the survey. For more information on measurement errors, please refer to the technical notes of this release.

Sample errors

The postal survey was designed to give statistics at the following levels of accuracy (at the 95 percent confidence interval):

- 5 percent for operating income and stocks at the total wholesale trade level
- 10 percent for operating income and stocks at the published industry level.

This means, for example, that there is a 95 percent chance that the true value of total wholesale trade operating income lies within 5 percent of the published estimate.

At the industry level, the following sample errors were recorded in the September 2008 quarter at the 95 percent confidence interval limit.

Wholesale Trade Survey Sample Errors September 2008 quarter		
Industry group	Level (relative percent)	Movement (absolute percent)
	Operating income	
Unprocessed primary products wholesaling	2.6	2.8
Petroleum product wholesaling	0.0	0.0
Metal and mineral wholesaling	0.0	0.0
Chemical wholesaling	0.0	0.0
Builders' supplies wholesaling	5.6	3.9
Farm, construction machinery and professional, business equipment wholesaling	8.2	2.7
Electrical and electronic equipment wholesaling	6.9	4.5
Machinery and equipment nec wholesaling	11.0	6.9
Motor vehicle wholesaling	3.1	2.5
Primary product food wholesaling	0.0	0.0
Food and grocery products wholesaling	2.9	8.0
Textile, clothing and footwear wholesaling	3.7	3.7
Household good wholesaling	2.8	2.9
Wholesale trade nec	3.1	3.3
Books and paper product wholesaling	2.8	4.0
Pharmaceutical and toiletry wholesaling	0.0	0.0
Total wholesale trade	1.2	1.7

Note: nec = not elsewhere classified

Industries with zero sample error are full-coverage industries. In these industries, all large firms are surveyed and all small to medium-sized firms are modelled using administrative data sourced from Inland Revenue.

Imputation

Small firms

Small to medium-sized firms are generally not surveyed. Their variables are instead modelled from administrative data (GST and EMS) sourced from Inland Revenue. Ratios calculated from the postal sample units are applied to the administrative data to provide an estimate of their variables.

Non-response imputation

Although every attempt is made to achieve a 100 percent response rate, in practice this does not occur. Values for non-responding businesses are estimated by a number of methods, including:

- regression imputation
- historic imputation
- mean imputation.

Regression imputation involves estimating the variable of interest from the unit's administrative data (GST sales), based on the relationship shown by similar businesses. Historic imputation involves multiplying their response in the previous period by a non-response factor. The non-response factor is the average movement over the quarter of similar businesses. Mean imputation involves estimating a value for a unit by using the average value for a set of similar businesses.

Wholesale Trade Survey Operating Income Imputed September 2008 quarter		
Industry group	Tax modelled	Non-response
	Percentage of operating income	
Unprocessed primary products wholesaling	11.0	11.3
Petroleum product wholesaling	1.4	3.9
Metal and mineral wholesaling	5.8	6.8
Chemical wholesaling	17.3	5.5
Builders' supplies wholesaling	10.5	7.8
Farm, construction machinery and professional, business equipment wholesaling	11.9	14.2
Electrical and electronic equipment wholesaling	12.7	19.2
Machinery and equipment nec wholesaling	12.8	13.7
Motor vehicle wholesaling	12.5	5.8
Primary product food wholesaling	10.3	6.0
Food and grocery products wholesaling	3.9	4.5
Textile, clothing and footwear wholesaling	15.8	11.5
Household good wholesaling	11.9	11.7
Wholesale trade nec	22.9	12.6
Books and paper product wholesaling	5.8	5.7
Pharmaceutical and toiletry wholesaling	14.7	2.9
Total wholesale trade	9.7	8.2

Note: nec = not elsewhere classified

Postal response rate

The response rate describes the proportion of operating income that was provided by actual survey responses. Note that the calculation of this response rate relates only to data for the postal sample. The Wholesale Trade Survey has a target response rate of 85 percent. The response rate achieved for the September 2008 quarter was 91 percent.

For technical information contact:

Kathy Hicks or Blair Cardno

Christchurch 03 964 8700

Email: subannuals@stats.govt.nz

Next release ...

Wholesale Trade Survey: December 2008 quarter will be released on
5 March 2009.

Technical notes

Background to the survey

The Wholesale Trade Survey (WTS) is designed to provide short-term economic indicators for the wholesale trade sector. In addition, the survey data is used to compile the wholesale trade sector component of quarterly national accounts.

The survey was last redesigned in the September 2002 quarter. For more detail about the redesign, refer to *Wholesale Trade Survey – Redesign: September 2002*, available on the Statistics New Zealand website. As a result of the redesign, a split between raw materials and finished goods stocks is now available. The analytical back series for each stock type has been calculated based on the ratio of raw materials to finished goods stocks collected in the September 2002 quarter.

Population

The target population for this survey is all kind-of-activity units (KAUs) operating in New Zealand that are classified as Wholesale Trade (Australian and New Zealand Standard Industrial Classification Division F) on Statistics NZ's Business Frame.

Sample design

The survey population is stratified according to:

- industries defined by the ANZSIC-based ANZIND classification at the inter-industry level
- size (in terms of the rolling mean employment number)
- turnover (annualised GST sales).

Each ANZIND inter-industry classification contains between two and four substrata. Because of the contribution large units make to the economic activity within each industry group, they are all included in the sample. A portion of the remaining medium to large units is also included in the sample. In addition, small to medium-sized businesses have their data modelled from administrative data (GST and EMS) sourced from Inland Revenue. All wholesaling KAUs belonging to a selected 'enterprise' are included.

About 1,300 units have been selected from the entire population for the postal sample, and the data for approximately 13,500 units is modelled from tax data.

Sample maintenance

Sample maintenance is the process that maintains the sample over time, to reflect births, deaths and other structural changes identified on the Business Frame. The information for Business Frame changes can be from a variety of sources, including GST registrations and respondent contact.

New enterprises are identified when they register for GST. Once a quarter, the new enterprises are selected into the sample using the same criteria as for the original sample. These are referred to as births. When an enterprise ceases trading, its wholesaling KAUs are removed from the survey. These are referred to as deaths.

Enterprises can also enter or leave the survey sample if they are reclassifications from another industry to wholesaling. Reclassifications occur when an enterprise changes its main form of activity (eg from manufacturing to wholesale trade). These are usually identified in the Annual Frame Update Survey (AFUS) conducted in February each year.

Sample reselection

The sample for the WTS is reselected each quarter to ensure that the sample reflects changes occurring in the wholesale trade population.

Measurement errors

Errors in the survey are divided into two classes:

Non-sampling error

Non-sampling error includes errors arising from biases in the patterns of response and non-response, inaccuracies in reporting by respondents, and errors in the recording and coding of data. The size of these errors is difficult to quantify. Data is subject to revision if significant errors are detected in subsequent quarters.

Sampling error

Sampling error is a measure of the variability that occurs by chance because a sample, rather than an entire population, is surveyed.

Industry descriptions

An activity unit is included in an industry based on its predominant activity in terms of operating income.

The 16 industries are defined as follows:

ANZSIC Class

Unprocessed primary products

Wool wholesaling	4511
Cereal grain wholesaling	4512
Farm produce and supplies wholesaling nec	4519

Petroleum product

Petroleum product wholesaling	4521
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Metal and mineral

Metal and mineral wholesaling	4522
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Chemical

Chemical wholesaling	4523
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Builders' supplies

Timber wholesaling	4531
Building supplies wholesaling nec	4539

Farm, construction machinery and professional, business equipment

Farm and construction machinery wholesaling	4611
Professional equipment wholesaling	4612
Computer wholesaling	4613
Business machine wholesaling nec	4614

Electrical and electronic equipment

Electrical and electronic equipment wholesaling nec	4615
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Machinery and equipment nec	
Machinery and equipment wholesaling nec	4619
Motor vehicle	
Car wholesaling	4621
Commercial vehicle wholesaling	4622
Motor vehicle new part dealing	4623
Motor vehicle dismantling and used part dealing	4624
Primary product food	
Meat wholesaling	4711
Poultry and smallgood wholesaling	4712
Dairy produce wholesaling	4713
Fish wholesaling	4714
Fruit and vegetable wholesaling	4715
Food and grocery products	
Confectionery and soft drink wholesaling	4716
Liquor wholesaling	4717
Tobacco product wholesaling	4718
Grocery wholesaling nec	4719
Textile, clothing and footwear	
Textile product wholesaling	4721
Clothing wholesaling	4722
Footwear wholesaling	4723
Household good	
Household appliance wholesaling	4731
Furniture wholesaling	4732
Floor covering wholesaling	4733
Household good wholesaling nec	4739
Wholesale trade nec	
Photographic equipment wholesaling	4791
Jewellery and watch wholesaling	4792
Toy and sporting good wholesaling	4793
Wholesaling nec	4799
Books and paper product	
Book and magazine wholesaling	4794
Paper product wholesaling	4795
Pharmaceutical and toiletry	
Pharmaceutical and toiletry wholesaling	4796

Definitions

ANZSIC

Australian and New Zealand Standard Industrial Classification system.

ANZIND

An ANZSIC-based classification used to group industries for publication.

Business Frame

A register of all economically significant businesses operating in New Zealand. The WTS population is drawn from the Business Frame.

Enterprise

A business entity operating in New Zealand either as a legally constituted body such as a company, partnership, trust, local or central government trading organisation, or as a self-employed individual.

Kind-of-activity unit (KAU)

A subdivision of an enterprise engaged in predominantly one activity and for which a single set of accounting records is available.

Rolling mean employment (RME)

RME is a 12-month moving average of the monthly employee count (EC) figure, which replaces the numbers of full-time and part-time employees.

Operating income

Income from total sales. This includes:

- sales of processed goods
- sales of goods purchased for resale
- sales of services
- repair services
- processing fees
- management fees
- rental income
- leasing income
- royalties
- patent fees.

Operating income excludes:

- interest/dividends received
- donations
- insurance claims
- subsidies
- government grants
- exchange rate gains
- extraordinary items
- gains on sales of fixed assets
- excise duties
- bad debts.

Total stocks

Closing stocks of raw materials for use in production, plus the closing stocks of finished goods, work in progress and trading stocks.

Seasonally adjusted series

The X-12-ARIMA package has been used to produce the seasonally adjusted estimates and trend estimates for sales in all subdivisions. Seasonal adjustment aims to eliminate the impact of regular seasonal events (such as annual cycles in agricultural production, winter or annual holidays) on time series. This makes the data for adjacent quarters more comparable.

All seasonally adjusted figures are subject to revision each quarter. This enables the seasonal component to be better estimated and removed from the series.

Restructuring within the dairy industry has affected the primary product food industry series in the September 2002 quarter. In order to maintain the long-term continuity of the seasonally adjusted and trend series for primary product food and total wholesaling, the actual series is adjusted prior to the seasonal adjustment program being run. This adjustment to the actual series removes the discontinuity in the series.

The X-12-ARIMA seasonal adjustment package is very robust. However, problems occur when there has been an abrupt change in the seasonal variation, as with other seasonal adjustment packages.

Estimated trend

For any series, the survey estimates can be broken down into three components: trend, seasonal and irregular. While seasonally adjusted series have had the seasonal component removed, trend series have had both the seasonal and the irregular components removed. Trend estimates reveal the underlying direction of movement in a series, and are likely to indicate turning points more accurately than seasonally adjusted estimates.

The trend series are calculated using the X-12-ARIMA seasonal adjustment package. They are based on a five-term moving average of the seasonally adjusted series, with an adjustment for outlying values.

Trend estimates towards the end of the series incorporate new data as it becomes available and can, therefore, change as more observations are added to the series. Revisions can be particularly large if an observation is treated as an outlier in one quarter, but is found to be part of the underlying trend as further observations are added to the series. Typically, only the estimates for the most recent quarter will be subject to substantial revisions.

More information

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

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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.

1. Wholesale trade, ANZSIC Division F
2. Wholesale sales, by quarter and industry
3. Seasonally adjusted wholesale sales, by quarter and industry
4. Wholesale sales trend, by quarter and industry
5. Wholesale stocks, by quarter and industry
6. Seasonally adjusted wholesale stocks, by quarter and industry
7. Wholesale stocks trend, by quarter and industry

Wholesale Trade Survey: September 2008 quarter

Table 1

Wholesale Trade⁽¹⁾
ANZSIC Division F⁽²⁾

	Sales of goods and services	Movement from same quarter previous year	Seasonally adjusted sales	Movement from previous quarter	Trend sales series	Movement from previous quarter	Stocks at end of quarter	Movement from same quarter previous year	
	\$(million)	Percent ⁽³⁾	\$(million) ⁽⁴⁾	Percent ⁽³⁾⁽⁴⁾	\$(million) ⁽⁴⁾	Percent ⁽³⁾⁽⁴⁾	\$(million)	Percent ⁽³⁾	
Series ref: WTS	SNFOZZZA		SNFOZZZAS		SNFOZZZAT		SNFOZZZZ		
Quarter Ended									
2000	Sep	16,015	9.3	14,525 R	3.1 R	14,533 R	2.8 R	8,004	12.3
	Dec	17,749	13.3	15,112 R	4.0 R	14,872 R	2.3 R	9,054	15.3
2001	Mar	16,138	11.9	15,022 R	-0.6 R	15,159 R	1.9 R	9,499	14.2
	Jun	17,792	14.6	15,606 R	3.9 R	15,519 R	2.4 R	9,526	10.3
	Sep	17,761	10.9	15,767 R	1.0 R	15,747 R	1.5 R	8,634	7.9
	Dec	18,798	5.9	15,743 R	-0.2 R	15,806 R	0.4 R	9,951	9.9
2002	Mar	17,098	6.0	16,168 R	2.7 R	16,033 R	1.4 R	10,879	14.5
	Jun	18,118	1.8	16,435 R	1.7 R	16,340 R	1.9 R	10,323	8.4
	Sep	16,744	-5.7	16,559 R	0.8 R	16,575 R	1.4 R	7,981	-7.6
	Dec	17,470	-7.1	16,724 R	1.0 R	16,741 R	1.0 R	7,781	-21.8
2003	Mar	15,868	-7.2	16,900 R	1.1 R	16,746 R	0 R	7,942	-27.0
	Jun	16,617	-8.3	16,628 R	-1.6 R	16,644 R	-0.6 R	8,084	-21.7
	Sep	16,942	1.2	16,754 R	0.8 R	16,845 R	1.2 R	7,944	-0.5
	Dec	18,149	3.9	17,359 R	3.6 R	17,290 R	2.6 R	7,899	1.5
2004	Mar	16,624	4.8	17,575 R	1.2 R	17,753 R	2.7 R	7,986	0.6
	Jun	18,100	8.9	18,177 R	3.4 R	18,052 R	1.7 R	8,330	3.0
	Sep	18,431	8.8	18,233 R	0.3 R	18,367 R	1.7 R	8,398	5.7
	Dec	19,517	7.5	18,720 R	2.7 R	18,587 R	1.2 R	8,464	7.2
2005	Mar	17,674	6.3	18,654 R	-0.4 R	18,846 R	1.4 R	8,676	8.6
	Jun	19,145	5.8	19,179 R	2.8 R	19,085 R	1.3 R	9,224	10.7
	Sep	19,405	5.3	19,215 R	0.2 R	19,162 R	0.4 R	9,455	12.6
	Dec	19,758	1.2	18,993 R	-1.2 R	19,089 R	-0.4 R	9,087	7.4
2006	Mar	18,301	3.6	19,276 R	1.5 R	19,222 R	0.7 R	9,263	6.8
	Jun	19,560	2.2	19,563 R	1.5 R	19,637 R	2.2 R	9,774	6.0
	Sep	20,378	5.0	20,172 R	3.1 R	19,960 R	1.6 R	9,995	5.7
	Dec	20,897	5.8	20,074 R	-0.5 R	20,160 R	1.0 R	9,752	7.3
2007	Mar	19,409	6.0	20,450 R	1.9 R	20,476 R	1.6 R	9,549	3.1
	Jun	20,896	6.8	20,975 R	2.6 R	20,952 R	2.3 R	10,115	3.5
	Sep	21,604	6.0	21,397 R	2.0 R	21,485 R	2.5 R	9,998	0
	Dec	22,956	9.9	22,089 R	3.2 R	21,943 R	2.1 R	10,019	2.7
2008	Mar	20,931	7.8	22,031 R	-0.3 R	22,334 R	1.8 R	10,602	11.0
	Jun	22,667 R	8.5 R	22,663 R	2.9 R	22,514 R	0.8 R	11,791	16.6
	Sep	22,639	4.8	22,444	-1.0	22,638	0.5	11,971	19.7

(1) All figures are exclusive of GST.

(2) Wholesale Trade covers Division F of the Australian and New Zealand Standard Industrial Classification (ANZSIC) of goods and services. Included in Division F are businesses whose sales are predominantly to: retailers for resale; other businesses including builders, farmers, offices, manufacturers and any other business; institutions and other government authorities; overseas buyers eg exporters; major producer boards and major importers and exporters.

(3) Percentage changes are calculated on unrounded numbers.

(4) All figures are subject to revision when the seasonal adjustment program is run each period.

Symbol

R revised

Table 2

Wholesale Sales⁽¹⁾
By quarter and industry

Industry	Series ref: WTSQ	2007				2008		
		Mar	Jun	Sep	Dec	Mar	Jun	Sep
\$(million)								
Unprocessed primary products	SNF0111A	1,354	1,371	1,395	1,682	1,708	1,725	1,779
Petroleum product	SNF0121A	1,568	1,625	1,662	1,942	1,987	2,304	2,144
Metal and mineral	SNF0122A	824	876	857	845	801	1,037	1,028
Chemical	SNF0123A	447	471	519	545	490	498 R	563
Builders' supplies	SNF0131A	1,651	1,744	1,785	1,843	1,712	1,742	1,746
Farm, construction machinery and professional, business equipment	SNF0141A	1,552	1,686	1,866	1,883	1,667	1,725	1,953
Electrical and electronic equipment	SNF0142A	834	989	983	1,054	966	1,065	1,074
Machinery and equipment nec	SNF0143A	846	973	967	1,074	966	1,040	988
Motor vehicle	SNF0151A	1,615	1,766	1,873	1,800	1,565	1,588	1,461
Primary product food	SNF0164A	1,505	2,013	2,009	1,891	1,741	2,364	2,171
Food and grocery products	SNF0165A	3,695	3,862	3,933	4,361	3,823	4,022 R	3,922
Textile, clothing and footwear	SNF0171A	414	385	406	415	430	364	402
Household good	SNF0172A	690	705	766	855	676	673	696
Wholesale trade nec	SNF0173A	1,031	1,002	1,059	1,126	965	982	1,119
Books and paper product	SNF0174A	563	559	630	656	563	598	600
Pharmaceutical and toiletry	SNF0175A	820	870	895	983	871	940	992
TOTAL	SNF0ZZZA	19,409	20,896	21,604	22,956	20,931	22,667 R	22,639

Percent change from same quarter previous year ⁽²⁾								
Unprocessed primary products		7.9	13.9	9.6	23.4	26.2	25.8	27.5
Petroleum product		-2.8	-7.8	-6.9	20.8	26.7	41.7	29.0
Metal and mineral		18.8	9.3	-1.5	-3.0	-2.8	18.5	20.0
Chemical		-1.0	3.3	3.4	5.2	9.7	5.9 R	8.5
Builders' supplies		9.4	6.3	-0.2	4.6	3.7	-0.1	-2.2
Farm, construction machinery and professional, business equipment		7.8	11.4	7.6	16.2	7.4	2.3	4.7
Electrical and electronic equipment		11.4	19.8	15.3	10.9	15.9	7.6	9.3
Machinery and equipment nec		-11.3	-1.6	-2.2	0.6	14.2	6.8	2.2
Motor vehicle		6.4	13.3	13.5	12.1	-3.1	-10.1	-22.0
Primary product food		13.9	3.8	2.0	17.3	15.6	17.4	8.1
Food and grocery products		7.7	15.7	19.1	9.5	3.4	4.1 R	-0.3
Textile, clothing and footwear		-2.8	5.8	2.5	0.8	4.0	-5.3	-0.9
Household good		14.3	5.6	13.4	14.1	-2.0	-4.4	-9.1
Wholesale trade nec		-1.8	-8.1	-9.6	-7.5	-6.4	-2.0	5.7
Books and paper product		12.7	-1.3	9.7	0.2	0.1	7.1	-4.8
Pharmaceutical and toiletry		4.3	3.0	6.0	9.0	6.2	8.1	10.8
TOTAL		6.0	6.8	6.0	9.9	7.8	8.5 R	4.8

(1) Sales are exclusive of GST.

(2) Percentage changes are calculated on unrounded numbers.

Symbol:

R revised

Table 3

Seasonally Adjusted Wholesale Sales⁽¹⁾
By quarter and industry

Industry	Series ref: WTSQ	2007				2008		
		Mar	Jun	Sep	Dec	Mar	Jun	Sep
\$(million)								
Unprocessed primary products	SNF0111AS	1,341 R	1,410 R	1,476 R	1,570 R	1,689 R	1,777 R	1,876
Petroleum product ⁽²⁾	SNF0121AS	1,568	1,625	1,662	1,942	1,987	2,304	2,144
Metal and mineral ⁽²⁾	SNF0122AS	824	876	857	845	801	1,037	1,028
Chemical	SNF0123AS	474 R	497 R	499 R	508 R	521 R	526 R	541
Builders' supplies	SNF0131AS	1,742 R	1,736 R	1,717 R	1,829 R	1,805 R	1,735 R	1,681
Farm, construction machinery and professional, business equipment	SNF0141AS	1,671 R	1,720 R	1,757 R	1,829 R	1,795 R	1,762 R	1,834
Electrical and electronic equipment	SNF0142AS	904 R	974 R	970 R	1,006 R	1,046 R	1,046 R	1,065
Machinery and equipment nec	SNF0143AS	888 R	977 R	981 R	1,007 R	1,016 R	1,043 R	1,003
Motor vehicle	SNF0151AS	1,710 R	1,764 R	1,796 R	1,782 R	1,655 R	1,583 R	1,404
Primary product food	SNF0164AS	1,799 R	1,815 R	1,857 R	2,017 R	2,083 R	2,068 R	2,000
Food and grocery products	SNF0165AS	3,759 R	3,962 R	4,100 R	4,028 R	3,888 R	4,123 R	4,094
Textile, clothing and footwear	SNF0171AS	399 R	414 R	403 R	405 R	414 R	393 R	400
Household good	SNF0172AS	770 R	724 R	759 R	765 R	751 R	692 R	690
Wholesale trade nec	SNF0173AS	1,108 R	1,054 R	1,043 R	1,020 R	1,036 R	1,035 R	1,098
Books and paper product	SNF0174AS	616 R	558 R	629 R	607 R	615 R	598 R	599
Pharmaceutical and toiletry	SNF0175AS	878 R	868 R	891 R	929 R	930 R	940 R	988
TOTAL	SNF0ZZZAS	20,450 R	20,975 R	21,397 R	22,089 R	22,031 R	22,663 R	22,444

Percentage change from previous quarter⁽³⁾

Unprocessed primary products	5.8 R	5.1 R	4.7 R	6.4 R	7.6 R	5.3 R	5.6
Petroleum product ⁽²⁾	-2.5	3.7	2.2	16.9	2.3	15.9	-6.9
Metal and mineral ⁽²⁾	-5.3	6.2	-2.2	-1.3	-5.2	29.5	-0.9
Chemical	-1.6 R	4.9 R	0.2 R	1.9 R	2.5 R	0.9 R	2.8
Builders' supplies	-0.4 R	-0.4 R	-1.1 R	6.5 R	-1.3 R	-3.9 R	-3.1
Farm, construction machinery and professional, business equipment	6.2 R	3.0 R	2.1 R	4.1 R	-1.9 R	-1.8 R	4.1
Electrical and electronic equipment	-0.4 R	7.8 R	-0.4 R	3.7 R	4.0 R	0 R	1.8
Machinery and equipment nec	-11.5 R	10.1 R	0.3 R	2.7 R	0.9 R	2.7 R	-3.8
Motor vehicle	7.9 R	3.2 R	1.8 R	-0.8 R	-7.1 R	-4.3 R	-11.3
Primary product food	4.6 R	0.9 R	2.3 R	8.6 R	3.3 R	-0.7 R	-3.3
Food and grocery products	2.1 R	5.4 R	3.5 R	-1.8 R	-3.5 R	6.0 R	-0.7
Textile, clothing and footwear	-0.7 R	3.7 R	-2.4 R	0.4 R	2.2 R	-5.1 R	1.8
Household good	15.2 R	-6.0 R	4.9 R	0.8 R	-1.9 R	-7.8 R	-0.3
Wholesale trade nec	0.6 R	-4.9 R	-1.0 R	-2.1 R	1.5 R	0 R	6.1
Books and paper product	1.7 R	-9.4 R	12.7 R	-3.4 R	1.3 R	-2.8 R	0.2
Pharmaceutical and toiletry	3.0 R	-1.1 R	2.6 R	4.2 R	0.2 R	1.0 R	5.1
TOTAL	1.9 R	2.6 R	2.0 R	3.2 R	-0.3 R	2.9 R	-1.0

(1) Sales are exclusive of GST.

(2) This series is not seasonally adjusted as it does not currently exhibit a reliable seasonal pattern.

(3) Percentage changes are calculated on unrounded numbers.

Symbol:

R revised

Table 4

Wholesale Sales Trend⁽¹⁾
By quarter and industry

Industry	Series ref: WTSQ	2007				2008		
		Mar	Jun	Sep	Dec	Mar	Jun	Sep
		\$(million)						
Unprocessed primary products	SNF0111AT	1,337 R	1,401 R	1,483 R	1,575 R	1,682 R	1,781 R	1,875
Petroleum product	SNF0121AT	1,574 R	1,597 R	1,716 R	1,870 R	2,079 R	2,189 R	2,231
Metal and mineral	SNF0122AT	858 R	856 R	845 R	846 R	872 R	968 R	1,058
Chemical	SNF0123AT	484 R	493 R	501 R	509 R	519 R	528 R	539
Builders' supplies	SNF0131AT	1,746 R	1,725 R	1,746 R	1,801 R	1,806 R	1,740 R	1,678
Farm, construction machinery and professional, business equipment	SNF0141AT	1,653 R	1,719 R	1,771 R	1,811 R	1,795 R	1,785 R	1,815
Electrical and electronic equipment	SNF0142AT	926 R	955 R	981 R	1,007 R	1,038 R	1,052 R	1,061
Machinery and equipment nec	SNF0143AT	966 R	967 R	987 R	1,001 R	1,025 R	1,028 R	1,016
Motor vehicle	SNF0151AT	1,692 R	1,770 R	1,799 R	1,764 R	1,675 R	1,564 R	1,483
Primary product food	SNF0164AT	1,774 R	1,815 R	1,880 R	2,001 R	2,082 R	2,059 R	2,010
Food and grocery products	SNF0165AT	3,794 R	3,959 R	4,070 R	4,044 R	4,040 R	4,089 R	4,119
Textile, clothing and footwear	SNF0171AT	404 R	408 R	406 R	407 R	407 R	400 R	395
Household good	SNF0172AT	704 R	732 R	754 R	767 R	742 R	706 R	680
Wholesale trade nec	SNF0173AT	1,090 R	1,065 R	1,035 R	1,028 R	1,026 R	1,050 R	1,087
Books and paper product	SNF0174AT	612 R	605 R	601 R	609 R	610 R	603 R	595
Pharmaceutical and toiletry	SNF0175AT	869 R	875 R	894 R	922 R	931 R	948 R	981
TOTAL	SNF0ZZZAT	20,476 R	20,952 R	21,485 R	21,943 R	22,334 R	22,514 R	22,638

Percentage change from previous quarter⁽²⁾

Unprocessed primary products	3.8 R	4.8 R	5.8 R	6.2 R	6.8 R	5.9 R	5.3
Petroleum product	-3.8 R	1.5 R	7.5 R	8.9 R	11.2 R	5.3 R	1.9
Metal and mineral	-0.8 R	-0.2 R	-1.2 R	0.1 R	3.0 R	11.1 R	9.3
Chemical	0.7 R	1.8 R	1.6 R	1.6 R	2.0 R	1.8 R	2.0
Builders' supplies	-0.1 R	-1.2 R	1.3 R	3.1 R	0.3 R	-3.6 R	-3.6
Farm, construction machinery and professional, business equipment	2.8 R	4.0 R	3.0 R	2.3 R	-0.9 R	-0.6 R	1.7
Electrical and electronic equipment	4.3 R	3.2 R	2.8 R	2.6 R	3.1 R	1.3 R	0.9
Machinery and equipment nec	-1.9 R	0.1 R	2.0 R	1.4 R	2.3 R	0.3 R	-1.2
Motor vehicle	5.2 R	4.6 R	1.7 R	-1.9 R	-5.1 R	-6.6 R	-5.2
Primary product food	0.2 R	2.3 R	3.6 R	6.4 R	4.1 R	-1.1 R	-2.4
Food and grocery products	4.5 R	4.4 R	2.8 R	-0.6 R	-0.1 R	1.2 R	0.7
Textile, clothing and footwear	1.4 R	0.9 R	-0.3 R	0.2 R	-0.1 R	-1.7 R	-1.4
Household good	3.7 R	3.9 R	3.1 R	1.7 R	-3.4 R	-4.8 R	-3.8
Wholesale trade nec	-2.8 R	-2.3 R	-2.8 R	-0.7 R	-0.2 R	2.3 R	3.5
Books and paper product	1.7 R	-1.3 R	-0.5 R	1.4 R	0.1 R	-1.2 R	-1.2
Pharmaceutical and toiletry	1.6 R	0.6 R	2.2 R	3.2 R	1.0 R	1.8 R	3.5
TOTAL	1.6 R	2.3 R	2.5 R	2.1 R	1.8 R	0.8 R	0.5

(1) Sales are exclusive of GST.

(2) Percentage changes are calculated on unrounded numbers.

Symbol:

R revised

Table 5

Wholesale Stocks⁽¹⁾
By quarter and industry

Industry	Series ref: WTSQ	2007				2008		
		Mar	Jun	Sep	Dec	Mar	Jun	Sep
\$(million)								
Unprocessed primary products	SNF0111Z	594	644	694	619	663	744	817
Petroleum product	SNF0121Z	994	1,263	1,256	1,285	1,643	2,201	1,852
Metal and mineral	SNF0122Z	455	414	380	369	441	415	461
Chemical	SNF0123Z	267	288	306	293	296	304	343
Builders' supplies	SNF0131Z	827	821	865	903	934	984	983
Farm, construction machinery and professional, business equipment	SNF0141Z	924	930	896	921	889	991	1,035
Electrical and electronic equipment	SNF0142Z	433	422	429	427	478	503	526
Machinery and equipment nec	SNF0143Z	710	786	764	747	807	760	885
Motor vehicle	SNF0151Z	1,353	1,459	1,386	1,407	1,470	1,683	1,718
Primary product food	SNF0164Z	231	372	282	185	217	339	382
Food and grocery products	SNF0165Z	855	849	790	910	819	816	831
Textile, clothing and footwear	SNF0171Z	275	292	275	303	285	290	301
Household good	SNF0172Z	336	354	346	341	338	360	371
Wholesale trade nec	SNF0173Z	625	585	677	607	605	661	710
Books and paper product	SNF0174Z	251	230	228	266	270	266	265
Pharmaceutical and toiletry	SNF0175Z	419	407	425	439	448	473	490
TOTAL	SNF0ZZZZ	9,549	10,115	9,998	10,019	10,602	11,791	11,971

Percent change from same quarter previous year ⁽²⁾								
Unprocessed primary products		0.9	12.1	17.0	7.9	11.8	15.5	17.7
Petroleum product		-9.9	-4.3	-13.2	-2.1	65.4	74.3	47.4
Metal and mineral		32.6	8.2	-0.6 R	3.5	-3.1	0.2	21.4
Chemical		-4.4	-0.2	1.3	4.7	11.0	5.4	12.2
Builders' supplies		15.2	14.4	17.9	13.3	12.9	19.9	13.6
Farm, construction machinery and professional, business equipment		8.9	8.1	-6.1	1.1	-3.8	6.5	15.5
Electrical and electronic equipment		8.3	-4.1	-1.9	-1.5	10.3	19.3	22.5
Machinery and equipment nec		-11.2	-0.3	-2.3	-4.2	13.6	-3.4	15.8
Motor vehicle		-2.5	-2.3	-3.9	6.3	8.6	15.4	24.0
Primary product food		15.7	12.9	-1.3	13.7	-5.9	-8.9	35.4
Food and grocery products		15.1	15.9	9.8	-2.8	-4.2	-3.9	5.2
Textile, clothing and footwear		-9.9	0.4	-3.4	6.5	3.6	-0.6	9.7
Household good		4.2	9.0	4.9	3.6	0.5	1.9	7.3
Wholesale trade nec		6.8	-0.3	3.4	-3.2	-3.3	13.1	5.0
Books and paper product		1.9	-12.9	-9.1	3.6	7.6	16.1	16.3
Pharmaceutical and toiletry		6.6	6.9	7.5	12.6	6.9	16.3	15.3
TOTAL		3.1	3.5	0	2.7	11.0	16.6	19.7

(1) Sales are exclusive of GST.

(2) Percentage changes are calculated on unrounded numbers.

Symbol:

R revised

Table 6

Seasonally Adjusted Wholesale Stocks⁽¹⁾⁽²⁾
By quarter and industry

Industry	Series ref: WTSQ	2007				2008		
		Mar	Jun	Sep	Dec	Mar	Jun	Sep
\$(million)								
Unprocessed primary products	SNF0111ZS	589 R	641 R	665 R	654 R	661 R	739 R	783
Petroleum product ⁽²⁾	SNF0121ZS	994	1,263	1,256	1,285	1,643	2,201	1,852
Metal and mineral ⁽²⁾	SNF0122ZS	455	414	380	369	441	415	461
Chemical ⁽²⁾	SNF0123ZS	267	288	306	293	296	304	343
Builders' supplies	SNF0131ZS	834 R	819 R	869 R	894 R	940 R	983 R	989
Farm, construction machinery and professional, business equipment ⁽²⁾	SNF0141ZS	924	930	896	921	889	991	1,035
Electrical and electronic equipment ⁽²⁾	SNF0142ZS	433	422	429	427	478	503	526
Machinery and equipment nec ⁽²⁾	SNF0143ZS	710	786	764	747	807	760	885
Motor vehicle ⁽²⁾	SNF0151ZS	1,353	1,459	1,386	1,407	1,470	1,683	1,718
Primary product food	SNF0164ZS	273 R	294 R	251 R	278 R	256 R	250 R	338
Food and grocery products	SNF0165ZS	872 R	866 R	827 R	840 R	831 R	834 R	874
Textile, clothing and footwear ⁽²⁾	SNF0171ZS	275	292	275	303	285	290	301
Household good	SNF0172ZS	342 R	353 R	343 R	339 R	343 R	360 R	368
Wholesale trade nec ⁽²⁾	SNF0173ZS	625	585	677	607	605	661	710
Books and paper product ⁽²⁾	SNF0174ZS	251	230	228	266	270	266	265
Pharmaceutical and toiletry ⁽²⁾	SNF0175ZS	419	407	425	439	448	473	490
TOTAL	SNF0ZZZZS	9,766 R	9,898 R	9,852 R	10,200 R	10,849 R	11,495 R	11,795

Percentage change from previous quarter⁽³⁾

Unprocessed primary products	-2.8 R	8.8 R	3.7 R	-1.6 R	0.9 R	11.9 R	5.9
Petroleum product ⁽²⁾	-24.3	27.1	-0.5	2.3	27.9	34.0	-15.9
Metal and mineral ⁽²⁾	27.6	-8.9	-8.3	-2.9	19.4	-5.8	11.2
Chemical ⁽²⁾	-4.6	8.1	6.0	-4.3	1.2	2.7	12.8
Builders' supplies	5.8 R	-1.8 R	6.0 R	2.9 R	5.1 R	4.5 R	0.6
Farm, construction machinery and professional, business equipment ⁽²⁾	1.5	0.7	-3.7	2.7	-3.4	11.4	4.5
Electrical and electronic equipment ⁽²⁾	0	-2.6	1.8	-0.5	11.9	5.3	4.5
Machinery and equipment nec ⁽²⁾	-8.9	10.8	-2.9	-2.2	8.0	-5.8	16.4
Motor vehicle ⁽²⁾	2.2	7.8	-5.0	1.5	4.5	14.5	2.1
Primary product food	11.7 R	7.6 R	-14.8 R	11.1 R	-8.1 R	-2.4 R	35.3
Food and grocery products	0.7 R	-0.6 R	-4.5 R	1.5 R	-1.0 R	0.3 R	4.7
Textile, clothing and footwear ⁽²⁾	-3.1	5.9	-5.8	10.1	-5.7	1.6	4.0
Household good	4.8 R	3.4 R	-3.0 R	-1.2 R	1.4 R	4.7 R	2.3
Wholesale trade nec ⁽²⁾	-0.3	-6.5	15.7	-10.4	-0.3	9.4	7.4
Books and paper product ⁽²⁾	-2.5	-8.4	-0.5	16.6	1.3	-1.2	-0.4
Pharmaceutical and toiletry ⁽²⁾	7.5	-2.8	4.5	3.2	2.0	5.7	3.6
TOTAL	-1.5 R	1.4 R	-0.5 R	3.5 R	6.4 R	6.0 R	2.6

(1) Sales are exclusive of GST.

(2) This series is not seasonally adjusted as it does not currently exhibit a reliable seasonal pattern.

(3) Percentage changes are calculated on unrounded numbers.

Symbol:

R revised

Table 7

Wholesale Stocks Trend⁽¹⁾
By quarter and industry

Industry	Series ref: WTSQ	2007				2008		
		Mar	Jun	Sep	Dec	Mar	Jun	Sep
		\$(million)						
Unprocessed primary products	SNF0111ZT	606 R	635 R	661 R	654 R	673 R	729 R	789
Petroleum product	SNF0121ZT	1,156 R	1,199 R	1,252 R	1,316 R	1,715 R	1,994 R	2,018
Metal and mineral	SNF0122ZT	421 R	410 R	392 R	388 R	415 R	434 R	448
Chemical	SNF0123ZT	271 R	288 R	300 R	297 R	293 R	311 R	337
Builders' supplies	SNF0131ZT	821 R	835 R	859 R	899 R	941 R	975 R	995
Farm, construction machinery and professional, business equipment	SNF0141ZT	922 R	921 R	909 R	909 R	937 R	984 R	1,039
Electrical and electronic equipment	SNF0142ZT	430 R	426 R	423 R	437 R	470 R	504 R	526
Machinery and equipment nec	SNF0143ZT	761 R	755 R	751 R	768 R	773 R	802 R	853
Motor vehicle	SNF0151ZT	1,367 R	1,420 R	1,409 R	1,395 R	1,502 R	1,638 R	1,751
Primary product food	SNF0164ZT	271 R	276 R	274 R	260 R	255 R	270 R	321
Food and grocery products	SNF0165ZT	878 R	859 R	839 R	832 R	832 R	842 R	867
Textile, clothing and footwear	SNF0171ZT	281 R	283 R	287 R	290 R	291 R	291 R	300
Household good	SNF0172ZT	342 R	350 R	345 R	339 R	345 R	357 R	369
Wholesale trade nec	SNF0173ZT	622 R	622 R	626 R	621 R	609 R	658 R	712
Books and paper product	SNF0174ZT	248 R	231 R	235 R	259 R	271 R	267 R	265
Pharmaceutical and toiletry	SNF0175ZT	408 R	416 R	416 R	428 R	451 R	475 R	490
TOTAL	SNF0ZZZZT	9,837 R	9,822 R	9,901 R	10,216 R	10,852 R	11,419 R	11,858

Percentage change from previous quarter⁽²⁾

Unprocessed primary products	2.6 R	4.8 R	4.1 R	-1.0 R	2.8 R	8.4 R	8.3
Petroleum product	-10.0 R	3.7 R	4.5 R	5.1 R	30.3 R	16.3 R	1.2
Metal and mineral	3.1 R	-2.6 R	-4.5 R	-0.8 R	6.8 R	4.7 R	3.2
Chemical	-3.4 R	5.9 R	4.5 R	-1.1 R	-1.2 R	5.9 R	8.6
Builders' supplies	4.0 R	1.7 R	2.9 R	4.7 R	4.6 R	3.6 R	2.1
Farm, construction machinery and professional, business equipment	-0.8 R	-0.1 R	-1.2 R	-0.1 R	3.1 R	5.0 R	5.7
Electrical and electronic equipment	-1.1 R	-0.9 R	-0.8 R	3.5 R	7.5 R	7.0 R	4.5
Machinery and equipment nec	-2.0 R	-0.9 R	-0.5 R	2.2 R	0.6 R	3.7 R	6.4
Motor vehicle	1.6 R	3.9 R	-0.7 R	-1.0 R	7.7 R	9.1 R	6.9
Primary product food	4.3 R	1.8 R	-0.8 R	-5.1 R	-1.8 R	5.8 R	18.8
Food and grocery products	3.3 R	-2.2 R	-2.3 R	-0.8 R	0 R	1.2 R	3.0
Textile, clothing and footwear	-0.3 R	0.8 R	1.5 R	0.9 R	0.6 R	-0.2 R	3.3
Household good	3.9 R	2.5 R	-1.5 R	-1.8 R	1.9 R	3.6 R	3.3
Wholesale trade nec	-1.2 R	0 R	0.6 R	-0.7 R	-2.0 R	8.0 R	8.3
Books and paper product	-2.8 R	-7.0 R	1.9 R	10.1 R	4.7 R	-1.4 R	-0.8
Pharmaceutical and toiletry	2.2 R	2.0 R	-0.1 R	3.1 R	5.2 R	5.3 R	3.3
TOTAL	-0.5 R	-0.1 R	0.8 R	3.2 R	6.2 R	5.2 R	3.8

(1) Sales are exclusive of GST.

(2) Percentage changes are calculated on unrounded numbers.

Symbol:

R revised