



Hot Off The Press

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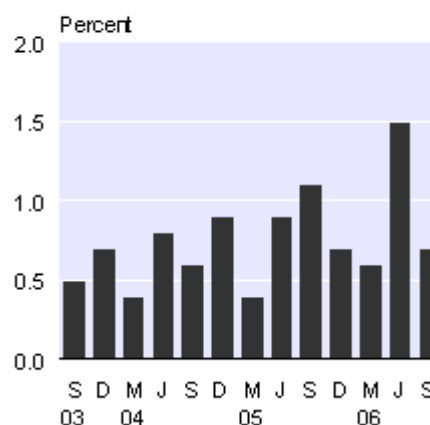
Consumers Price Index: September 2006 quarter

Revised 26 October – See attached Erratum

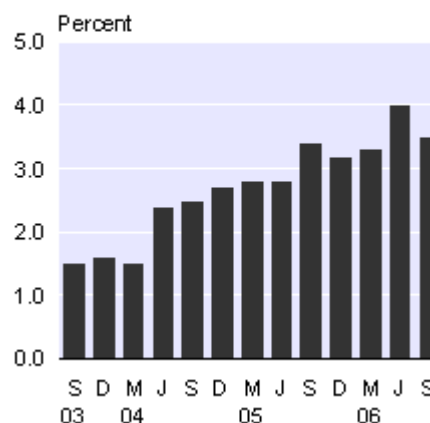
Highlights

- The Consumers Price Index (CPI) rose **0.7 percent** in the September 2006 quarter.
- Housing and household utilities increased **1.9 percent**, driven by higher local authority rates and payments.
- Food prices increased **2.0 percent**, reflecting higher prices for vegetables.
- Transport prices decreased **1.2 percent**, with the purchase of second-hand cars the main contributor.
- The CPI increased **3.5 percent** from the September 2005 quarter to the September 2006 quarter.
- The September 2006 quarter CPI basket has been reselected and reweighted. The index is now published on a base of the June 2006 quarter (=1000).

Consumers Price Index
Quarterly percentage change



Consumers Price Index
Annual percentage change



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There is a companion Media Release published – [Consumers Price Index: September 2006 quarter](#).

Commentary

First release on the June 2006 quarter base

This release concludes a major review of the Consumers Price Index (CPI). The review involved reselecting the representative basket of goods and services and reviewing the relative importance of the goods and services in the CPI basket to reflect changes since the previous review in the spending habits of households. The sample of retail outlets was also updated and other changes include the adoption of the New Zealand Household Expenditure Classification (NZHEC).

At the group level, weighting changes were relatively minor, although at the subgroup level some weights have varied more significantly. Of the 11 groups, the relative importance of transport has risen from 15.5 percent to 17.2 percent (driven by a strong increase in the weight of petrol), while the weight for housing and household utilities has fallen from 21.5 percent to 20.0 percent (with the weight for purchase of new housing falling significantly from 8.5 percent to 4.7 percent). The weight for food has remained at a similar level at 17.4 percent.

This is the first quarter calculated and published on the base of the June 2006 quarter (=1000). The June 2006 quarter was the last index published on the previous expression base of the June 1999 quarter (=1000).

Full details of the review are contained in an information paper – Consumers Price Index Review, which is available on the Statistics New Zealand website (www.stats.govt.nz).

Consumers Price Index quarterly movement

The CPI recorded a 0.7 percent increase in the September 2006 quarter. This follows increases of 1.5 percent and 0.6 percent in the June and March 2006 quarters, respectively.

Six of the eleven groups in the CPI recorded increases in the September 2006 quarter. The most significant upward contributions came from the housing and household utilities and food groups. Less significant upward contributions came from the alcoholic beverages and tobacco, miscellaneous goods and services, household contents and services, and education groups. Downward contributions came from the transport, health, clothing and footwear, recreation and culture, and communication groups.

The most significant individual upward contributions to the movement in the CPI came from price increases for vegetables (up 15.5 percent), local authority rates (up 6.8 percent), purchase of new housing (up 2.1 percent) and fruit (up 9.4 percent). The most significant downward contributions came from lower prices for purchase of second-hand cars (down 4.6 percent) and medical services (down 3.5 percent).



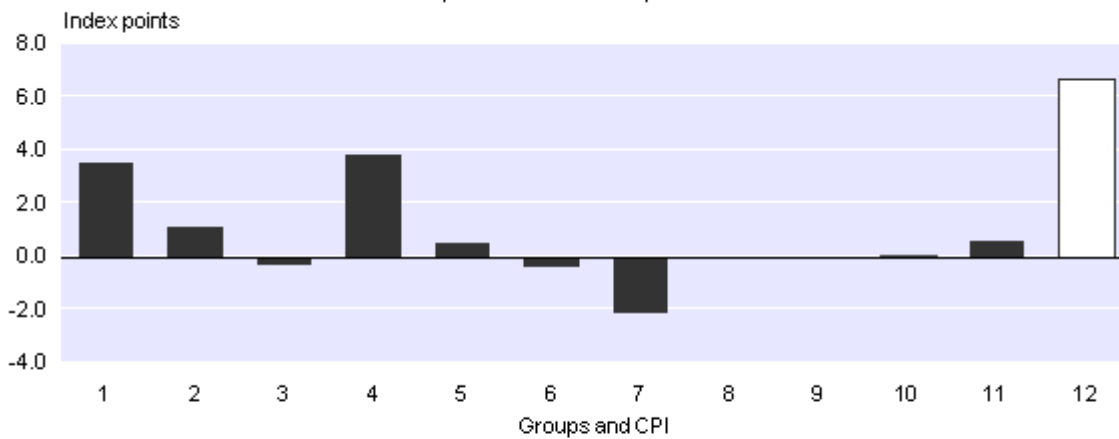
Index Points Contribution

Group	June 2006 quarter to September 2006 quarter
Housing and household utilities	3.81
Food	3.52
Alcoholic beverages and tobacco	1.13
Miscellaneous goods and services	0.59
Household contents and services	0.52
Education	0.04
Communication	-0.05
Recreation and culture	-0.06
Clothing and footwear	-0.33
Health	-0.40
Transport	-2.10
All groups CPI	6.65

Note: Points contribution may not sum to totals due to rounding.

Points Contribution to Consumers Price Index

September 2006 quarter



- | | |
|-----------------------------------|-------------------------------------|
| 1 Food | 7 Transport |
| 2 Alcoholic beverages and tobacco | 8 Communication |
| 3 Clothing and footwear | 9 Recreation and culture |
| 4 Housing and household utilities | 10 Education |
| 5 Household content and services | 11 Miscellaneous goods and services |
| 6 Health | 12 All groups |



Distribution of item-level movements

The table below outlines the distribution of price movements in the June 2006 and September 2006 quarters. The CPI has been partitioned into those national item-level indexes that increased, showed no change or decreased.

Distribution of Item-level Index Movements

National Item-level Index Movements	March 2006 quarter to June 2006 quarter	June 2006 quarter to September 2006 quarter
Increase in price		
Number of items	356	381
Percentage of all items	53.0	55.6
Percentage of expenditure weight	70.2	60.2
Index points contribution	22.5	14.5
Weighted average price increase (percent)	2.7	2.4
No change in price		
Number of items	102	106
Percentage of all items	15.2	15.5
Percentage of expenditure weight	12.2	10.2
Decrease in price		
Number of items	214	198
Percentage of all items	31.8	28.9
Percentage of expenditure weight	17.7	29.7
Index points contribution	-4.4	-7.8
Weighted average price decrease (percent)	2.1	2.6

Note: With the review of the CPI, and resulting introduction and deletion of items, the number of items will differ in the table above.

The distribution of item-level movements shows that in the September 2006 quarter:

- the expenditure weight for the items that increased in price has fallen, while the expenditure weight of items that decreased has risen
- the weighted average price decrease has risen, while the weighted average price increase has fallen.

This has resulted in an increase of 0.7 percent in the CPI in the September 2006 quarter, following a 1.5 percent increase in the June 2006 quarter.

CPI annual movement

From the September 2005 quarter to the September 2006 quarter, the CPI rose 3.5 percent. This compares with rises of 4.0 percent in the year to the June 2006 quarter, and 3.3 percent in the year to the March 2006 quarter.

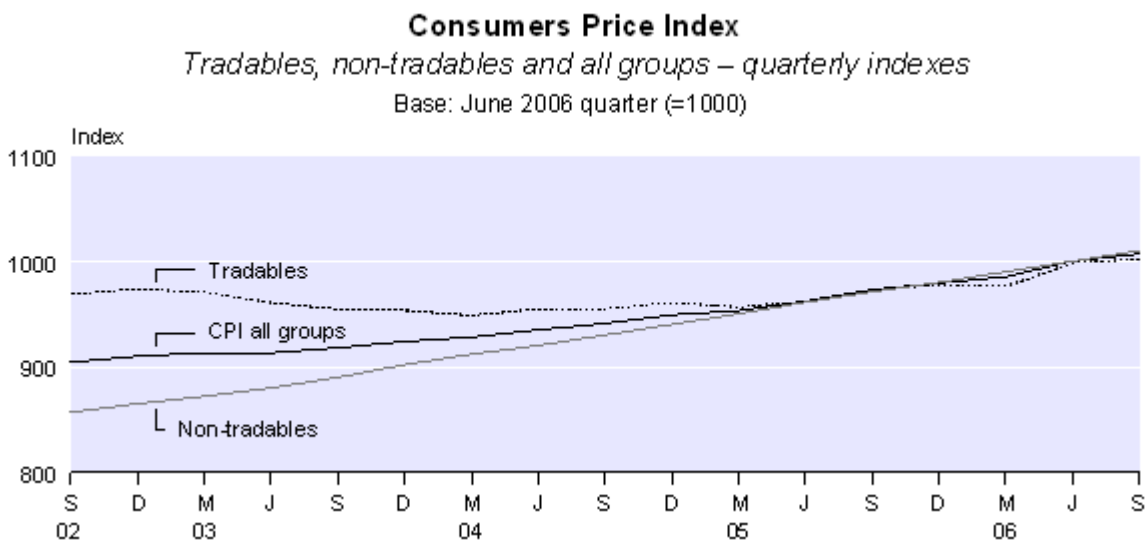
Ten of the eleven groups in the CPI recorded annual increases from the September 2005 quarter. The most significant upward contributions came from the housing and household utilities (up 5.4 percent), transport (up 5.4 percent) and food (up 3.9 percent) groups.

The annual increase in the CPI was influenced by higher prices for petrol (up 15.9 percent), purchase of new housing (up 6.2 percent), vegetables (up 30.4 percent) and electricity (up 6.6 percent).

CPI all groups tradable and non-tradable component series

In the September 2006 quarter, the tradable component increased 0.3 percent, following an increase of 2.3 percent in the June 2006 quarter. The non-tradable component increased 1.0 percent, following a 1.0 percent increase in the June 2006 quarter.

From the September 2005 quarter to the September 2006 quarter, the non-tradable component increased 4.0 percent and the tradable component increased 3.0 percent.



Housing and household utilities

The housing and household utilities group increased 1.9 percent in the September 2006 quarter, following increases of 1.3 and 0.9 percent in the June 2006 and March 2006 quarters, respectively.

Local authority rates and payments increased 6.8 percent in the September 2006 quarter. Local authorities usually determine their rates annually, and these rates normally come into effect on 1 July. The movement in local authority rates and payments in the September quarter reflects approximately 92 percent of the weight in the sample, with the remainder expected to be included in the December quarter CPI. Price movements relating to 84 percent and 80 percent of the weight of the sample were included in the September 2005 and September 2004 quarters, respectively. Prices for local authority rates and payments have increased for nine consecutive years.

Prices for the purchase of new housing increased 2.1 percent in the September 2006 quarter, following increases of 1.4 percent and 1.0 percent in the June 2006 and March 2006 quarters, respectively. Purchase of new housing prices have increased for 30 consecutive quarters. Respondents were asked to indicate reasons for any reported changes in their prices. Of respondents reporting increases in September 2006 quarter, 93 percent cited higher prices for construction components, 77 percent cited increased subcontractors' charges and 71 percent cited increased cost of fittings.

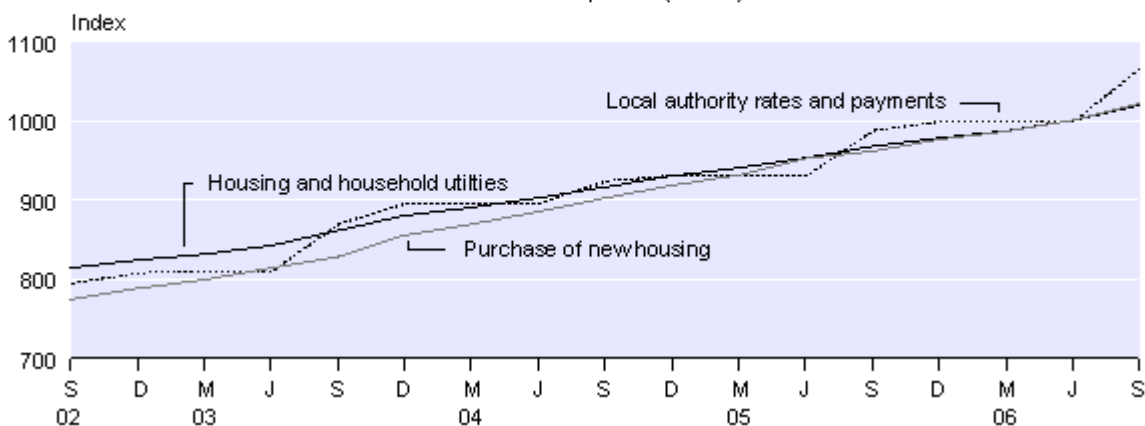
Within the housing and household utilities group, less significant upward price movements were recorded for electricity (up 1.5 percent) and actual rentals for housing (up 0.3 percent).

The housing and household utilities group increased 5.4 percent from September 2005 to September 2006. The most significant upward movements came from purchase of new housing (up 6.2 percent), local authority rates and payments (up 8.0 percent), electricity (up 6.6 percent) and actual rentals for housing (up 1.9 percent)

Housing and Household Utilities Group and Selected Classes

Quarterly indexes

Base: June 2006 quarter (=1000)



Food

The food group increased 2.0 percent in the September 2006 quarter, following increases of 0.3 percent and 1.0 percent in the June and March quarters, respectively.

The most significant upward contributions came from higher prices for vegetables (up 15.5 percent) and fruit (up 9.4 percent). The most significant decrease came from milk, cheese and eggs (down 3.1 percent).

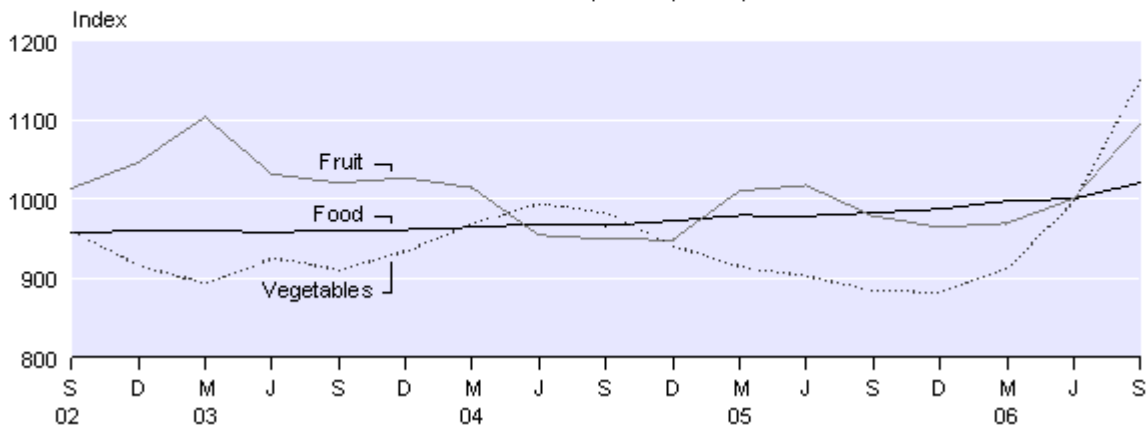
From the September 2005 quarter to the September 2006 quarter, the food group increased 3.9 percent. The most significant upward contributions came from higher prices for vegetables (up 30.4 percent), fruit (up 11.9 percent) and ready-to-eat food (up 3.5 percent).

It should be noted that from the September 2006 quarter, the practice of seasonally adjusting fresh fruit and vegetable prices has been discontinued. As such, annual movements for the food group are now based on fully unadjusted index numbers for September 2006, compared with partly adjusted index numbers for the September 2005 quarter. This is further explained in the Technical notes of this release.

Food Group and Fruit and Vegetables

Quarterly indexes

Base: June 2006 quarter (=1000)



Transport

The transport group decreased 1.2 percent in the September 2006 quarter, following an increase of 6.0 percent in the June 2006 quarter and a decrease of 0.5 percent in the March 2006 quarter.

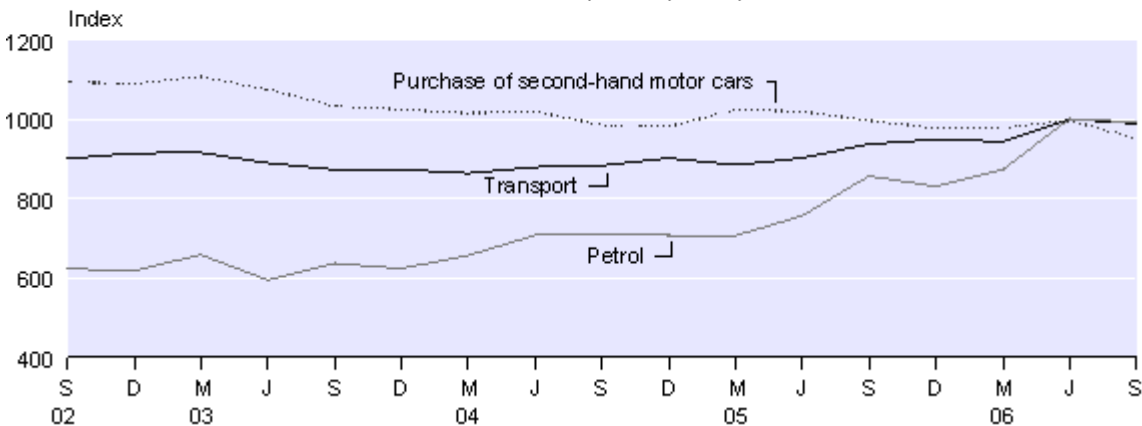
The most significant downward contributions to the transport group came from purchase of second-hand motor cars (down 4.6 percent), purchase of new motor cars (down 2.6 percent) and petrol (down 0.8 percent). The 0.8 percent decrease in petrol prices follows an increase of 14.7 percent in the June 2006 quarter, the largest increase since the September 1984 quarter. Although prices fell sharply in the September month, the full impact of this fall will not be shown until the December 2006 quarter. Please see the Technical notes of this release for an explanation of monthly to quarterly aggregation of prices.

From the September 2005 quarter to the September 2006 quarter, the transport group increased 5.4 percent. The most significant upward contribution in the year to the September 2006 quarter came from higher prices for petrol (up 15.9 percent).

Transport Group and Selected Classes

Quarterly indexes

Base: June 2006 quarter (=1000)



Other groups

In September 2006, the alcoholic beverages and tobacco (up 1.6 percent), miscellaneous goods and services (up 0.8 percent), household contents and services (up 0.9 percent), and education (up 0.2 percent) groups also made upward contributions to the overall movement. Combined, these groups contributed 2.27 index points.

Within these groups, significant upward contributions came from higher prices for beer (up 2.5 percent), furniture and furnishings (up 2.8 percent), and spirits and liqueurs (up 3.3 percent). The health (down 0.8 percent), clothing and footwear (down 0.7 percent), recreation and culture (down 0.1 percent), and communication (down 0.2 percent) groups made downward contributions. Combined, these groups contributed -0.85 index points.

Within these groups, significant downward contributions came from lower prices for medical services (down 3.5 percent) and audio-visual equipment (down 5.0 percent).

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Technical notes

What the Consumers Price Index measures

The Consumers Price Index (CPI) measures the rate of price change of goods and services purchased by households. The CPI all groups index is prepared quarterly. The food group is the only commodity group of the CPI for which an index is prepared each month.

2006 CPI Review

The CPI underwent a major review in 2006. The CPI review was implemented with the publication of the reweighted September 2006 quarter CPI on 25 October 2006. The review encompassed:

- updating and reweighting the sample of representative goods and services in the CPI basket
- updating the sample of retail outlets that prices are collected from
- other changes, such as the adoption of a new expenditure classification (New Zealand Household Expenditure Classification (NZHEC)).

The review was initiated when the CPI Revision Advisory Committee met in June 2004 to undertake an independent review of the practices and methods used to compile the CPI. The committee's recommendations played a major part in shaping the review.

Information paper on Consumers Price Index review

An information paper, published on 28 September 2006, provides detailed information about the 2006 CPI review.

This information paper includes:

- details of changes made to the basket of representative goods and services
- the new CPI expenditure weights down to the third level of the new expenditure classification
- details of how these weights were derived
- backcast index time series, compiled using the new classification, up to the June 2006 quarter, inclusive
- details of progress made towards implementing the CPI Revision Advisory Committee's recommendations.

The information paper, entitled Consumers Price Index Review (September 2006 (revised)), is available electronically on the Statistics New Zealand website.

Expression base

The CPI has an expression base of the June 2006 quarter (=1000). The June 2006 quarter was the final quarter calculated and published on the previous base of the June 1999 quarter (=1000).

For categories under the new expenditure classification that have equivalent indexes under the old classification system, the previously published percentage changes for periods up until the June 2006 quarter have been preserved by scaling the index numbers so that the June 2006 quarter is set to 1000. For categories with no equivalent existing series, a new time series has been calculated back to the June 1999 quarter.

Price movements for the updated and reweighted basket from the June to September 2006 quarters have been linked to the rescaled series at the June 2006 quarter.

Pricing coverage

Prices are obtained by price collectors from retail outlets in 15 urban areas: Whangarei, Auckland, Hamilton, Tauranga, Rotorua, Napier-Hastings, New Plymouth, Wanganui, Palmerston North, Wellington, Nelson, Christchurch, Timaru, Dunedin and Invercargill. Before 1988, 25 regions were sampled. In 1998, the number was reduced to 20, and in 1991 to 15. The territorial authorities of the 15 regional pricing centres account for about 69 percent of the total resident population.

However, the prices of some goods and services are collected by postal questionnaires. In some cases, for sampling and collection reasons, these prices are aggregated to the national level or to broad regions such as; Auckland, Wellington, Canterbury, Rest of North Island and Rest of South Island. Items where movements for five broad regions are used include purchase of second-hand cars, purchase of new housing and rentals for housing. In these cases, price movements for the five broad regions are used for the corresponding 15 regions.

The 2006 review looked at options for optimising the regional sample allocation, given existing resources.

Analysis was carried out on the impact of reducing the number of pricing centres on the CPI. However, due to concerns about the cumulative effect that periodically reducing the number of regional centres would have on the population coverage of price collection, the preferred approach was to retain all 15 centres but to reallocate resources to align them more closely with the importance of the regions than is currently the case. Public submissions were generally in favour of the proposed option, and a decision was made to adopt this approach. This has resulted in more prices being collected from the larger pricing centres, particularly Auckland.

Pricing frequency

Prices are collected weekly, monthly, quarterly or annually, depending on the expected frequency of price changes exhibited by the good or service. Weekly surveys are conducted for fresh fruit and vegetables, and motor fuels. Monthly surveys are limited to the following commodities: food, non-food groceries, electricity, gas, tobacco, alcoholic drinks, newspapers, Internet, cellphones, rental cars, and domestic and international air travel. Some items are monitored throughout the quarter, eg telephone call charges. Mortgage interest is also surveyed monthly but has been excluded from the CPI all groups calculations from the June 1999 quarter rebase.

Changes in expenditure weights

The main source of CPI weights is the Household Economic Survey (HES). However, data also comes from a variety of independent sources, including retail trade statistics, the census, building consents, data from the national accounts, and a variety of government and industry sources.

The total estimated expenditure used in the creation of the weights in 2006 is \$69.6 billion, compared with total estimated expenditure in 2002 of \$58.6 billion, an increase of 19 percent. This is due in part to inflation, population growth, growth in real expenditure and change, and improvements in the methods and data sources used to derive the weights.

When 2000/01 HES expenditure estimates were originally published, they were based on a benchmark number of 1,371,000 private households living in permanent dwellings. Prior to publication of the 2003/04 HES expenditure estimates in 2004, it was found that the benchmark number of households used in 2000/01 was understated. Updated 2000/01 HES expenditure estimates were published in 2004. They were based on a revised number of 1,432,000 households. This resulted in the 2000/01 HES expenditure estimates increasing by about 4 percent, on average, across the expenditure classification.

The benchmark number of households for the 2003/04 HES was 1,494,500, 4.3 percent higher than the updated benchmark for 2000/01, but 9.0 percent higher than the original benchmark.

The originally published 2000/01 HES expenditure estimates were used to calculate the 2002 CPI weights. This means that CPI expenditure weights for 2002 that were independently estimated from other sources were slightly overweighted relative to the weights derived directly from the 2000/01 HES. All things being equal, the independently estimated weights for 2006 have slightly lower relative importance than they did in 2002, as the 2003/04 HES estimates are based on higher population benchmarks.

Treatment of fresh fruit and vegetables – removal of seasonal adjustment

Prior to the June 2006 quarter, fresh fruit and fresh vegetable items that exhibited a seasonal pattern were adjusted to remove the effect of normal seasonal change. This treatment was used to reduce the influence of normal seasonal price fluctuations. However, the treatment did not completely eliminate the effects of seasonal fluctuations if shifts in seasonal patterns occurred.

From the June 2006 quarter onwards, the CPI incorporates seasonally unadjusted prices for fresh fruit and fresh vegetables. This is in line with a recommendation made by the 2004 CPI Revision Advisory Committee.

The ongoing, fully unadjusted CPI is linked at the June 2006 quarter to the previously published CPI, which is partly seasonally adjusted. As such, annual movements calculated over the annual period encompassing the June 2006 quarter will be based on fully unadjusted index numbers for the latest quarter, compared with partly adjusted index numbers for the same quarter of the previous year. However, analytical time series will provide annual movements on a fully unadjusted basis during the year-long transition of the official CPI, during which annual movements will be based on fully unadjusted index numbers for the latest quarter, compared with partly adjusted index numbers for the same quarter of the previous year.

New elementary aggregate formula

Prior to the review, the CPI used a 'ratio of arithmetic mean prices' (or Dutot) formula to combine surveyed prices at the first (or elementary) stage of aggregation. The Dutot formula is:

$$P_{DU} = \frac{\sum_{i=1}^N \left(\frac{1}{N}\right) P_i^1}{\sum_{i=1}^M \left(\frac{1}{M}\right) P_i^0}$$

Where:

P_i^1 = Price of item i ($i=1 \dots N$) in period 1

P_i^0 = Price of item i ($i=1 \dots M$) in the base period

In practice, Statistics New Zealand uses a weighted arithmetic mean formula, with the weights, where available, representing the relative importance of outlet types such as department stores relative to appliance stores.

For the rebased CPI, the Jevons formula will be used to calculate the elementary aggregate indexes for items where outlet substitution is possible (eg for groceries and appliances). The Jevons formula is:

$$P_{JE} = \prod_{n=1}^N \left(\frac{P_n^1}{P_n^0} \right)^{\frac{1}{N}}$$

Where:

P_n^1 = Price of item n ($n=1 \dots N$) in period 1

P_n^0 = Price of item n ($n=1 \dots N$) in the base period

In practice, Statistics New Zealand uses a weighted geometric mean formula, with the weights, where available, representing the relative importance of outlet types such as department stores relative to appliance stores.

The Jevons formula is used to calculate the elementary aggregate indexes for items where outlet substitution is possible (eg for groceries and appliances). The Dutot formula will continue to be used for other items where outlet substitution is not possible (eg local authority rates), where prices are subsidised and may fall to zero (eg GPs' fees), for fresh fruit and vegetables (as the first stage of aggregation is across both outlets within each region and across weeks within each month), and where it is not currently practical to adopt the Jevons formula.

The Dutot formula assumes that households purchase the same quantities at each surveyed outlet in each period. By comparison, the Jevons formula assumes that households spend the same amount at each surveyed outlet in each period. This implies that increased quantities are purchased from outlets showing lower-than-average relative price change, and decreased quantities from outlets showing higher-than-average price change. Use of the Jevons formula is recommended by the International Labour Office for goods and services where households are able to substitute towards outlets showing lower relative price change.

Use of retail transaction data

For the 2006 CPI review, substantial use was made of retail transaction data, obtained from ACNielsen in New Zealand and from Australian company GfK.

ACNielsen collects details of sales of barcoded products that are scanned at checkout counters in supermarkets up and down the country. Aggregate sales information was obtained for about 375 categories, broken down by quarter, leading manufacturer, leading brand and, in some cases, variety.

GfK collects similar information for a range of small and large appliances sold through most of New Zealand's main appliance retailers and department stores. Information was obtained on the volume and value of sales of about 30 different categories, broken down by feature. For example, the information quantifies the relative importance of colour TVs with standard, LCD and plasma displays.

The ACNielsen and GfK information has been used to help:

- determine the expenditure weights of some goods in the CPI basket
- determine whether expenditure weight adjustments were required to reflect volume changes since 2003/04 and, if so, by how much
- select representative products to survey when price collectors visit retail outlets each month or quarter
- ensure that the mix of brands in the CPI price samples reflects market shares.

Supermarket information relating to the year to June is being obtained once a year from ACNielsen. Appliance information for the years to June 2004, 2005 and 2006, broken down by calendar quarter, has been obtained from GfK.

The ACNielsen and GfK data will also be used on an ongoing basis between the three-yearly reweights to assist with keeping product samples, brand shares and weights (below the class level of the NZHEC classification) up to date.

Determining the effect of a specified change in a lower-level index

As the CPI and Food Price Index (FPI) have been reweighted and re-expressed in the June 2006 quarter, the method used to determine the effect that a specified change in a lower-level index would have on a higher-level index to which it contributes can be simplified for the September 2006 quarter and subsequent quarters.

The index points effect and percentage contribution on a higher-level index of a specified percentage change in a lower-level index that contributes to the higher-level index can be determined by following these steps:

1. Adjust the lower-level index for the previous period ($I_{n-1,low}$) by the specified percentage change ($PC_{n,low}$) to derive the index number for the current period:

$$I_{n,low} = I_{n-1,low} \times \left(1 + \left(\frac{PC_{n,low}}{100}\right)\right)$$

2. Calculate the index points effect on the higher-level index of the specified change in the lower-level index:

$$PE_{(low\ on\ high)} = \left(\frac{W_{Jun-06,low}}{W_{Jun-06,high}}\right) \times (I_{n,low} - I_{n-1,low})$$

3. Calculate the percentage change in the higher-level index that would be caused by the specified change in the lower-level index:

$$PC_{n,high} = \left(\left(\frac{I_{n-1,high} + PE_{(low\ on\ high)}}{I_{n-1,high}}\right) - 1\right) \times 100$$

Where:

I : index

n : period n, where n is the September 2006 quarter or a subsequent quarter (CPI), or the July 2006 month or a subsequent month (FPI)

n-1 : (period n)-1

Jun-06 : June 2006 quarter (CPI) or June 2006 month (FPI)

low : lower-level index

high : higher-level index

W : expenditure weight, expressed as a percentage of the all groups (CPI) or group (FPI) index

PC : percentage change

PE : index points effect

low on high : lower-level index on higher-level index

Example:

The effect that a 5.0 percent increase in the petrol index (which has a weight of 5.38 percent in the CPI) from the June 2006 quarter to the September 2006 quarter would have on the all groups CPI index can be calculated as follows:

1. Increase the petrol index for the June 2006 quarter by 5.0 percent to derive the index number for the September 2006 quarter:

$$\begin{aligned}
 I_{\text{Sep-06,low}} &= I_{\text{Jun-06,low}} \times \left(1 + \left(\frac{PC_{\text{Sep-02,low}}}{100}\right)\right) \\
 &= 1000 \times \left(1 + \left(\frac{5}{100}\right)\right) \\
 &= 1050
 \end{aligned}$$

2. Calculate the index points effect on the all groups CPI index of the 5.0 percent increase in the petrol index:

$$\begin{aligned}
 PE_{(\text{low on high})} &= \left(\frac{W_{\text{Jun-06,low}}}{W_{\text{Jun-06,high}}}\right) \times (I_{\text{Sep-06,low}} - I_{\text{Jun-06,low}}) \\
 &= \left(\frac{5.38}{100}\right) \times (1050 - 1000) \\
 &= 2.69 \text{ index points.}
 \end{aligned}$$

3. Calculate the percentage change in the all groups CPI index that would be caused by a 5.0 percent change in the petrol index:

$$\begin{aligned}
 PC_{\text{Sep-06,high}} &= \left(\left(\frac{I_{\text{Jun-06,high}} + PE_{(\text{low on high})}}{I_{\text{Jun-06,high}}}\right) - 1\right) \times 100 \\
 &= \left(\left(\frac{1000 + 2.69}{1000}\right) - 1\right) \times 100 \\
 &= 0.3 \text{ percent.}
 \end{aligned}$$

Treatment of selected items

Alcohol excise duty increase

The annual indexation adjustment of the excise duty on alcoholic drinks occurred on 1 June 2006. The adjustment was a 3.223 percent increase in the excise duty, based on the movement in the CPI less credit services index from the March 2005 to the March 2006 quarter. As prices for this subgroup are collected around the middle of each month, any immediate effect at the retail level of the excise duty increase was reflected in the June survey of prices. Collected prices are averaged* over the three months of the quarter for inclusion in the CPI, so any effects at the retail level of the excise increase will be spread over both the June and September quarters.

* See Method of aggregating monthly collected prices from the monthly level to the quarterly level, below.

Method of aggregating monthly collected prices from the monthly level to the quarterly level

Prices are collected monthly for the food group and a number of non-food items in the CPI, including electricity, cigarettes and tobacco, alcoholic drinks and air travel. These prices are averaged over the quarter for inclusion in the CPI.

The method for calculating these averages is to obtain monthly regional average prices for the item by outlet weighting the prices collected at different outlets within each region. The monthly regional average prices are used to calculate quarterly regional average prices by weighting each monthly regional average price by the number of days in the month in which it was collected. This is called day weighting. All the regions are aggregated to obtain the New Zealand quarterly index by weighting together regional price movements from the base (ie June 2006) quarter to the current quarter, using the regional population weights.

Petrol and diesel prices are collected weekly, usually on Fridays. The CPI petrol price index measures price changes of 91 octane petrol and 95/98 octane petrol. Within each CPI region, an average price per 10 litres of each fuel is calculated from the prices surveyed each week from individual service stations. Monthly regional average prices for each fuel are then calculated as the simple averages of the averages for the weeks within each month. Quarterly regional average prices for each fuel are then calculated as the day-weighted averages of the averages for the three months within the quarter. Regional price movements from the base (ie June 2006) quarter to the current quarter are then weighted by the regional population weighted share of the national expenditure weight to calculate the national petrol and diesel price indexes for the current quarter.

Since petrol and diesel prices are collected either 12 or 13 times within each quarter, a price change that occurs after the first price collection of a quarter is reflected only partly in that quarter, with the remainder being reflected in the following quarter. This is also the case for commodities that are priced monthly, such as cigarettes and tobacco.

Distribution of item-level index movements

The Distribution of Item-level Index Movements table in the Commentary section of this release gives additional information on the distribution of price movements recorded for the current quarter's CPI. The analytical statistics in the table give an indication of how widespread price changes are, and their relative magnitude when compared with previous quarters.

The weighted average price increase and decrease uses unrounded index numbers for the previous and current periods to calculate item-level price movements from the previous period, and these are weighted using previous period expenditure weights. The previous period expenditure weight for an item is calculated by updating base period expenditure weights by the price change for the item from the base period to the previous period.

Movements based on unrounded index numbers are used to determine whether items have increased, showed no change or decreased in price. Previous period expenditure weights are used to indicate the proportion of the expenditure weight that has increased, showed no change or decreased.

Standard and non-standard series

CPI series that contribute to the hierarchical structure of the overall CPI are known as standard series. For example, the clothing index, combined with the footwear index, contributes to the clothing and footwear index, which in turn contributes to the all groups index. Components of this pyramid-like structure are known as standard index series. In addition, a selection of non-standard series is published in the Hot Off The Press release tables, and additional series are publicly available on INFOS.

Examples of these non-standard series include:

- All groups CPI less food
- All groups CPI plus interest
- Interest.

The series references for the CPI and FPI INFOS groups (CPIQ and CPIM) have changed as a result of the new NZHEC expenditure classification being adopted. The CPIQ and CPIM series references on INFOS now include the new classification category numbers and are expressed on bases of the June 2006 month or quarter (=1000).

The CPI is published at the following levels: group, subgroup and class, at the national level.

All series that were published under the old classification and on a base of the June 1999 month or quarter (=1000) have had changes to their references. The old references that began with CPIM or CPIQ have been relabelled CPYM or CPYQ, respectively. The CPYM and CPYQ series are being ceased at the June 2006 month or quarter, but will remain available on INFOS for those who wish to refer to series on the old expression base.

The new CPIQ series, expressed on a base of the June 2006 quarter (=1000), are given in the tables attached to this paper.

Availability of regional indexes

The previously published 15 region series will not be published from the September 2006 quarter. These series are not considered 'fit for purpose', as price movements from national or broad region price collection have been used in their compilation.

However, in their stead, series for five broad regions will be produced: Auckland, Wellington, Canterbury (encompasses Christchurch and Timaru), Rest of North Island and Rest of South Island. These series are considered to be fit for purpose and will make less significant use of national pricing indicators in their compilation. The 15 region series will continue to be calculated and are available only upon request.

Tradable and non-tradable non-standard series

The tradable and non-tradable component series that appear in Table 1 allow users to decompose CPI goods and services into two components: one contains goods and services that are imported or in competition with foreign goods, either in domestic or foreign markets (tradables); and the other contains goods and services that face no foreign competition (non-tradables). Movements in the tradables component (tradable inflation) demonstrate how international price movements and exchange rates are impacting on movements in consumer prices. The non-tradables component shows how domestic demand and supply conditions are affecting consumer prices.

The June 2006 quarter expenditure weight of the tradables component is 46.32 percent, compared with 44.42 percent in 2002. The June 2006 quarter weight of non-tradables is 53.68 percent, compared with 55.58 percent in 2002.

The reduced weight for non-tradables in part reflects lower weights for purchase of housing and insurance caused by methodology or estimation changes. Strong growth in petrol prices also contributed to tradables gaining a greater share of the weight.

The June 2006 quarter tradable/non-tradable weights at the group, subgroup and class levels of the NZHEC classification are included in the supplementary tables with the web version of the CPI review information paper.

For detailed information regarding the methodology, an information paper is available from the link on the website: [Consumers Price Index Tradable and Non-tradable Series – Information Paper](#)

Trend measures of price-level change

The CPI captures the broad pattern of price change over the long term, but over shorter horizons the trend in price change may be masked by one-off events. In particular, the CPI:

- can be subject to temporary influences, such as adverse climatic conditions affecting the prices of fresh fruit and vegetables
- is influenced by other supply disturbances, which, while they affect the cost of living, do not directly affect the underlying inflationary pressures in the economy. For example, supply disturbances for petrol or electricity can have a large impact on the CPI in the short term, and
- some items are subject to seasonality, such as international air fares and rental car hire, which may induce volatile short-term price behaviour.

In order to provide an indication of the trend in the CPI over time, alternative statistics, sometimes known as trend measures of price-level change, are calculated in an attempt to isolate the more persistent component of general price-level changes.

Several series are constructed to give a good guide to the trend in price-level change (5, 10, 15, 20, 25 and 30 percent trims), and a weighted median measure (the 50th percentile) is produced. Four other weighted percentile measures are also available (the 10th, 25th, 75th and 90th weighted percentiles), primarily to highlight the distribution of price changes within a particular time period. Where the distribution of price movements is positively skewed, the weighted median movement will tend to lie below the CPI movement. Where the distribution of price movements is negatively skewed, the weighted median movement will tend to lie above the CPI movement.

For detailed information regarding the methodology and compilation of trimmed means and weighted medians, an information paper titled [Trend Measures of Price Level Changes: Trimmed Means and Weighted Medians](#) is available electronically on the Statistics New Zealand website.

Central and local government charges non-standard series

The central and local government charges index, which appears in Tables 3.01, 3.02 and 3.03, makes up 9.53 percent of the CPI. It includes items such as Housing NZ and local authority rentals, land transfer registration fee, local authority rates, water supply and part of refuse disposal, electricity, prescription charges and oral contraception, general practitioner fees, vehicle relicensing fees, road user charges, driver licensing fees, postage, State and integrated school donations and fees, university and polytechnic fees, and cheque duty.

However, the current composition of the “Central and Local Government Charges” series is being reviewed. Users are invited to consult with Statistics New Zealand on the use they make of the current series. Upon completion of the review, the series will either be continued under its existing composition or new series of indexes will be produced to replace it.

Goods and services non-standard series

The goods and services component series that appear in Tables 3.01, 3.02 and 3.03 allow users to decompose CPI into its goods and services components, respectively. The goods component makes up 62.90 percent, while the services component 37.10 percent.

The goods component comprises the food group (except restaurant meals), alcoholic beverages and tobacco group, clothing and footwear group (except clothing services), purchase of new housing, property maintenance materials, water supply, household energy, household contents and services group (except repair and hire of household appliances, hire of major tools and equipment, and other household services), medical products, appliances and equipment, dentures, purchase of vehicles, vehicle parts and accessories, petrol, other vehicle fuels and lubricants, telecommunication equipment, recreation and culture group (except recreational and cultural services, accommodation services and package holidays), and the miscellaneous goods and services group (except hairdressing and personal grooming services, jewellery and watch repair, insurance, credit services and other miscellaneous services). The services component comprises all items not in the goods component.

Points effect tables

Tables 8.01 and 8.02 list selected group, subgroup, section and subsection points effects and percentage changes from the previous quarter and from the same quarter of the previous year. These tables have been included to provide a broader perspective of the categories contributing to the movement in the CPI. The categories listed in the table are for the group, subgroup and class levels of the index. In cases where there is only one class within a subgroup, the class is omitted to avoid unnecessary duplication.

Average retail prices in the CPI

Included in this Hot Off The Press is a selection of average retail prices for the current and previous quarter. The weighted average prices will be calculated by applying index movements to weighted average prices for the June 2006 quarter CPI. They are not statistically accurate measures of average transaction price levels, but do provide a reliable indicator of percentage changes in prices.

As part of the CPI review, the selection of items appearing in the tables has been reviewed, and the items have been grouped under their corresponding group headings.

With the adoption of the Jevons elementary aggregate formula as part of the current review, the average prices in these tables will be calculated differently for some items. For some items, a weighted arithmetic mean price is calculated for each of the 15 pricing centres. The weights reflect the relative importance of sampled outlets. These regional arithmetic mean prices are then weighted by the population weights assigned to pricing centres (see Table 6) to calculate a national weighted arithmetic mean price. For other items, a weighted geometric mean price is calculated for each of the pricing centres. The weights reflect the relative importance of sampled outlets. These regional geometric mean prices are then weighted by the pricing centre population weights to calculate a national mean price using a weighted arithmetic mean formula.

For any given set of prices, a geometric mean price is less than or equal to an arithmetic mean price. This means that the June 2006 quarter average prices for items where the Dutot formula is adopted will in many cases be lower than those that appeared in the June 2006 quarter CPI Hot Off The Press. Other factors that will cause the new quarter average prices to differ from the previously published ones include:

- the sample of retail outlets has been updated
- the relative importance of sampled outlet types (eg department stores and appliance stores) has been updated
- the mix of surveyed brands, varieties and sizes has been updated
- the reference size in the 'unit' column of the tables has changed for some items.

International comparisons of consumer price indexes

To provide a better basis for international comparisons, the Seventeenth International Conference of Labour Statisticians adopted a resolution that called for countries to "if possible, compile and provide for dissemination to the international community an index that excludes housing and financial services" in addition to the all items index. The CPI less housing and household utilities group and credit services class series are presented in Table 4. Data for other international statistics offices is calculated by the Australian Bureau of Statistics from information supplied by the source country.

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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Next release

Consumers Price Index: December 2006 quarter will be released on 17 January 2007.

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Tables

The following tables can be downloaded from the Statistics New Zealand website in Excel 97 format. If you do not have access to Excel 97 or higher, you may use the [Excel file viewer](#) to view, print and export the contents of the file.

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Supplementary tables

The following tables can be downloaded from the Statistics New Zealand website in Excel 97 format. If you do not have access to Excel 97 or higher, you may use the Excel file viewer to view, print and export the contents of the file.

List of tables

1. Consumers price index, trimmed means and all groups
2. Consumers price index, weighted percentiles and all groups

Consumers Price Index: September 2006 quarter

Table 1

Consumers Price Index

Tradables, non-tradables and all groups – index numbers and percentage changes⁽¹⁾

Base: June 2006 quarter (=1000)

	Tradables ⁽²⁾⁽³⁾			Non-tradables ⁽⁴⁾			All groups ⁽²⁾		
	Index	Percentage change		Index	Percentage change		Index	Percentage change	
		From previous quarter	From same quarter of previous year		From previous quarter	From same quarter of previous year		From previous quarter	From same quarter of previous year
<i>Series ref: CPIQ</i>	<i>SE9NS6000</i>			<i>SE9NS6500</i>			<i>SE9A</i>		
Quarter									
1999 Jun	895	..	..	787	..	..	832	0.2	-0.4
Sep	895	0.0	..	793	0.7	..	835	0.4	-0.5
Dec	899	0.4	..	794	0.1	..	837	0.2	0.5
2000 Mar	903	0.5	..	800	0.8	..	843	0.7	1.5
Jun	910	0.7	1.6	806	0.7	2.3	849	0.7	2.0
Sep	924	1.6	3.2	816	1.3	2.9	860	1.4	3.0
Dec	940	1.7	4.6	821	0.7	3.5	870	1.2	4.0
2001 Mar	938	-0.2	3.9	820	-0.1	2.6	869	-0.2	3.1
Jun	953	1.5	4.7	823	0.3	2.2	876	0.9	3.2
Sep	957	0.5	3.6	828	0.7	1.5	881	0.6	2.4
Dec	960	0.3	2.1	834	0.7	1.5	886	0.6	1.8
2002 Mar	958	-0.2	2.1	844	1.2	2.9	891	0.6	2.6
Jun	973	1.6	2.2	849	0.6	3.2	900	1.0	2.8
Sep	970	-0.3	1.4	857	1.0	3.5	904	0.5	2.6
Dec	975	0.5	1.6	865	0.9	3.8	910	0.6	2.7
2003 Mar	972	-0.3	1.5	872	0.8	3.4	913	0.4	2.5
Jun	962	-1.0	-1.1	880	0.8	3.6	913	0.0	1.5
Sep	956	-0.7	-1.5	890	1.2	3.8	918	0.5	1.5
Dec	955	-0.1	-2.0	902	1.3	4.2	924	0.7	1.6
2004 Mar	950	-0.6	-2.3	912	1.1	4.5	928	0.4	1.5
Jun	956	0.7	-0.7	920	0.9	4.7	935	0.8	2.4
Sep	956	0.0	0.0	930	1.0	4.5	941	0.6	2.5
Dec	962	0.7	0.7	940	1.1	4.3	949	0.9	2.7
2005 Mar	958	-0.5	0.8	950	1.1	4.2	953	0.4	2.8
Jun	963	0.6	0.7	961	1.1	4.4	962	0.9	2.8
Sep	974	1.1	1.9	971	1.1	4.4	973	1.1	3.4
Dec	979	0.5	1.7	980	1.0	4.3	979	0.7	3.2
2006 Mar	978	-0.1	2.1	990	1.0	4.1	985	0.6	3.3
Jun	1000	2.3	3.8	1000	1.0	4.1	1000	1.5	4.0
Sep	1003	0.3	3.0	1010	1.0	4.0	1007	0.7	3.5

(1) Percentage changes are calculated from index numbers that are unrounded prior to the June 2006 quarter.

(2) From the September 2006 quarter, prices for fresh fruit and vegetables are not seasonally adjusted. They were seasonally adjusted until the June 2006 quarter.

(3) Tradables are goods and services that are imported or that are in competition with foreign goods and services either in domestic or foreign markets.

(4) Non-tradables are goods and services that do not face foreign competition.

Symbol:

.. figures not available

Table 2.01

Consumers Price Index
Groups and subgroups – index numbers
 Base: June 2006 quarter (=1000)

Group or subgroup	Series ref: CPIQ	Quarter				
		2005		2006		
		Sep	Dec	Mar	Jun	Sep
Food group⁽¹⁾	SE901	982	987	997	1000	1020
Fruit and vegetables	SE9011	924	917	937	1000	1131
Meat, poultry and fish	SE9012	995	1024	1022	1000	1008
Grocery food	SE9013	993	993	1004	1000	998
Non-alcoholic beverages	SE9014	982	984	998	1000	1003
Restaurant meals and ready-to-eat food	SE9015	982	988	994	1000	1011
Alcoholic beverages and tobacco group	SE902	986	988	995	1000	1016
Alcoholic beverages	SE9021	993	993	994	1000	1023
Cigarettes and tobacco	SE9022	970	978	999	1000	1000
Clothing and footwear group	SE903	996	1000	997	1000	993
Clothing	SE9031	990	995	994	1000	995
Footwear	SE9032	1024	1024	1010	1000	986
Housing and household utilities group	SE904	967	978	987	1000	1019
Actual rentals for housing	SE9041	984	986	990	1000	1003
Home ownership	SE9042	961	976	986	1000	1021
Property maintenance	SE9043	966	978	987	1000	1016
Property rates and related services	SE9044	975	1000	1000	1000	1068
Household energy	SE9045	952	956	972	1000	1017
Household contents and services group	SE905	1002	1003	997	1000	1009
Furniture, furnishings and floor coverings	SE9051	1000	1001	998	1000	1025
Household textiles	SE9052	1003	1007	987	1000	987
Household appliances	SE9053	1011	1013	997	1000	995
Glassware, tableware and household utensils	SE9054	990	1017	998	1000	1009
Tools and equipment for house and garden	SE9055	990	988	996	1000	1004
Other household supplies and services	SE9056	1003	996	1001	1000	1008
Health group	SE906	973	980	990	1000	992
Medical products, appliances and equipment	SE9061	988	1002	1010	1000	1000
Out-patient services	SE9062	970	974	986	1000	982
Hospital services	SE9063	977	989	996	1000	1033
Transport group	SE907	937	948	943	1000	988
Purchase of vehicles	SE9071	1003	990	989	1000	963
Private transport supplies and services	SE9072	903	890	919	1000	994
Passenger transport services	SE9073	941	1019	949	1000	1016
Communication group	SE908	977	976	983	1000	998
Postal services	SE9081	986	986	1000	1000	1000
Telecommunication equipment	SE9082	1164	1068	1030	1000	962
Telecommunication services	SE9083	973	974	981	1000	1000
Recreation and culture group	SE909	988	994	999	1000	999
Audio-visual and computing equipment	SE9091	1052	1027	1006	1000	969
Major recreational and cultural equipment	SE9092	979	983	1008	1000	1006
Other recreational equipment and supplies	SE9093	1003	996	998	1000	996
Recreational and cultural services	SE9094	974	977	983	1000	1000
Newspapers, books and stationery	SE9095	966	993	998	1000	1025
Accommodation services	SE9096	973	1015	1042	1000	1009
Package holidays	SE9097	..	..	..	1000	1013
Education group	SE910	962	956	992	1000	1002
Early childhood education	SE9101	982	964	972	1000	1010
Primary and secondary education	SE9102	942	944	1000	1000	1000
Tertiary and other post-school education	SE9103	956	956	1000	1000	1000
Miscellaneous goods and services group	SE911	978	983	992	1000	1008
Personal care	SE9111	989	987	990	1000	1003
Personal effects	SE9113	953	958	971	1000	1025
Insurance	SE9114	986	988	996	1000	1006
Credit services	SE9115	978	993	1000	1000	1000
Other miscellaneous services	SE9116	954	970	991	1000	1014
All groups⁽¹⁾	SE9A	973	979	985	1000	1007

(1) From the September 2006 quarter, prices for fresh fruit and vegetables are seasonally unadjusted. They were seasonally adjusted until the June 2006 quarter.

Symbol:

.. figures not available

Table 2.02

Consumers Price Index
Groups and subgroups
Percentage change from previous quarter⁽¹⁾

Group or subgroup	Quarter				
	2005		2006		
	Sep	Dec	Mar	Jun	Sep
Food group⁽²⁾	0.4	0.5	1.0	0.3	2.0
Fruit and vegetables	-2.8	-0.8	2.2	6.7	13.1
Meat, poultry and fish	1.8	2.9	-0.2	-2.2	0.8
Grocery food	0.1	0.0	1.1	-0.4	-0.2
Non-alcoholic beverages	1.4	0.2	1.4	0.2	0.3
Restaurant meals and ready-to-eat food	0.7	0.6	0.6	0.6	1.1
Alcoholic beverages and tobacco group	0.4	0.2	0.7	0.5	1.6
Alcoholic beverages	0.5	0.0	0.2	0.6	2.3
Cigarettes and tobacco	0.0	0.8	2.1	0.1	0.0
Clothing and footwear group	-0.2	0.4	-0.3	0.3	-0.7
Clothing	-0.4	0.5	-0.1	0.6	-0.5
Footwear	0.5	0.0	-1.4	-0.9	-1.4
Housing and household utilities group	1.5	1.1	0.9	1.3	1.9
Actual rentals for housing	0.9	0.2	0.4	1.0	0.3
Home ownership	1.0	1.6	1.0	1.4	2.1
Property maintenance	1.0	1.2	0.9	1.3	1.6
Property rates and related services	5.5	2.6	0.0	0.0	6.8
Household energy	1.0	0.4	1.7	2.9	1.7
Household contents and services group	-0.5	0.1	-0.6	0.3	0.9
Furniture, furnishings and floor coverings	-0.7	0.1	-0.3	0.2	2.5
Household textiles	-0.6	0.4	-2.0	1.3	-1.3
Household appliances	-1.2	0.2	-1.6	0.3	-0.5
Glassware, tableware and household utensils	0.6	2.7	-1.8	0.2	0.9
Tools and equipment for house and garden	-0.4	-0.2	0.8	0.4	0.4
Other household supplies and services	0.6	-0.7	0.5	-0.1	0.8
Health group	1.5	0.7	1.0	1.0	-0.8
Medical products, appliances and equipment	1.4	1.4	0.8	-1.0	0.0
Out-patient services	1.3	0.4	1.2	1.4	-1.8
Hospital services	3.0	1.2	0.7	0.4	3.3
Transport group	4.0	1.2	-0.5	6.0	-1.2
Purchase of vehicles	-1.6	-1.4	-0.1	1.2	-3.7
Private transport supplies and services	8.1	-1.4	3.3	8.8	-0.6
Passenger transport services	2.3	8.3	-6.9	5.4	1.6
Communication group	-0.2	-0.1	0.7	1.8	-0.2
Postal services	0.0	0.0	1.4	0.0	0.0
Telecommunication equipment	-15.0	-8.2	-3.6	-2.9	-3.8
Telecommunication services	0.3	0.1	0.7	1.9	0.0
Recreation and culture group	0.2	0.6	0.5	0.1	-0.1
Audio-visual and computing equipment	-2.3	-2.4	-2.0	-0.6	-3.1
Major recreational and cultural equipment	-1.5	0.4	2.5	-0.8	0.6
Other recreational equipment and supplies	0.1	-0.7	0.2	0.2	-0.4
Recreational and cultural services	1.2	0.3	0.6	1.7	0.0
Newspapers, books and stationery	1.1	2.8	0.5	0.2	2.5
Accommodation services	1.8	4.3	2.7	-4.0	0.9
Package holidays	..	..	..	..	1.3
Education group	0.4	-0.6	3.8	0.8	0.2
Early childhood education	1.2	-1.9	0.8	2.9	1.0
Primary and secondary education	0.1	0.2	5.9	0.0	0.0
Tertiary and other post-school education	0.0	0.0	4.6	0.0	0.0
Miscellaneous goods and services group	0.7	0.5	0.9	0.8	0.8
Personal care	0.3	-0.2	0.3	1.0	0.3
Personal effects	-0.3	0.5	1.4	3.0	2.5
Insurance	-0.1	0.2	0.8	0.4	0.6
Credit services	2.4	1.6	0.7	0.0	0.0
Other miscellaneous services	2.8	1.7	2.2	0.9	1.4
All groups⁽²⁾	1.1	0.7	0.6	1.5	0.7

(1) Percentage changes are calculated from index numbers that, in some cases, are unrounded up until the June 2006 quarter.

(2) From the September 2006 quarter, prices for fresh fruit and vegetables are seasonally unadjusted. They were seasonally adjusted until the June 2006 quarter.

Symbol:

.. figures not available

Table 2.03

Consumers Price Index
Groups and subgroups
Percentage change from same quarter of previous year⁽¹⁾

Group or subgroup	Quarter				
	2005		2006		
	Sep	Dec	Mar	Jun	Sep
Food group⁽²⁾	1.6	1.5	1.8	2.2	3.9
Fruit and vegetables	-4.7	-2.9	-1.9	5.2	22.4
Meat, poultry and fish	4.4	3.4	2.6	2.3	1.3
Grocery food	1.6	1.3	1.5	0.8	0.5
Non-alcoholic beverages	2.5	3.1	4.0	3.3	2.1
Restaurant meals and ready-to-eat food	2.4	2.3	2.4	2.6	3.0
Alcoholic beverages and tobacco group	2.2	2.2	1.7	1.8	3.0
Alcoholic beverages	1.5	1.7	1.3	1.3	3.1
Cigarettes and tobacco	3.9	3.5	3.1	3.1	3.1
Clothing and footwear group	0.1	-0.1	0.4	0.2	-0.3
Clothing	0.3	0.1	0.3	0.6	0.5
Footwear	-1.1	-0.7	0.4	-1.9	-3.7
Housing and household utilities group	5.6	5.2	5.0	4.9	5.4
Actual rentals for housing	2.7	2.5	2.1	2.6	1.9
Home ownership	6.6	6.4	5.9	5.0	6.2
Property maintenance	4.1	4.5	4.5	4.5	5.1
Property rates and related services	6.2	8.1	8.1	8.2	9.5
Household energy	7.9	4.4	4.8	6.1	6.9
Household contents and services group	1.3	0.8	0.1	-0.7	0.7
Furniture, furnishings and floor coverings	0.8	0.4	-0.4	-0.7	2.5
Household textiles	-0.8	-0.4	-1.4	-0.9	-1.6
Household appliances	2.6	2.1	0.3	-2.2	-1.6
Glassware, tableware and household utensils	-1.2	0.5	0.9	1.7	2.0
Tools and equipment for house and garden	1.1	0.8	1.2	0.6	1.4
Other household supplies and services	3.1	0.8	1.2	0.3	0.5
Health group	4.4	4.4	4.1	4.3	2.0
Medical products, appliances and equipment	2.8	3.1	3.4	2.7	1.2
Out-patient services	4.4	4.3	3.9	4.4	1.2
Hospital services	5.9	5.7	6.2	5.4	5.7
Transport group	6.1	5.2	6.7	11.0	5.4
Purchase of vehicles	0.3	-0.3	-3.4	-1.9	-4.0
Private transport supplies and services	13.4	11.4	14.4	19.8	10.1
Passenger transport services	-0.3	0.7	3.8	8.7	8.0
Communication group	-2.0	-1.9	0.1	2.1	2.1
Postal services	0.0	0.0	1.4	1.4	1.4
Telecommunication equipment	-31.1	-32.8	-28.7	-26.9	-17.3
Telecommunication services	-0.7	-0.6	1.1	3.1	2.8
Recreation and culture group	0.7	0.8	0.6	1.4	1.1
Audio-visual and computing equipment	-6.9	-7.7	-9.6	-7.1	-7.9
Major recreational and cultural equipment	0.1	-0.7	1.5	0.6	2.8
Other recreational equipment and supplies	-0.3	-0.7	-0.4	-0.2	-0.7
Recreational and cultural services	3.1	2.5	2.0	4.0	2.7
Newspapers, books and stationery	2.8	5.1	5.1	4.8	6.2
Accommodation services	5.6	5.2	4.4	4.6	3.7
Package holidays	..	..	..	..	..
Education group	5.3	4.4	4.1	4.4	4.2
Early childhood education	6.0	3.2	1.9	3.0	2.8
Primary and secondary education	8.3	8.5	6.3	6.2	6.2
Tertiary and other post-school education	4.1	4.1	4.6	4.6	4.6
Miscellaneous goods and services group	4.0	4.8	4.5	3.0	3.1
Personal care	1.7	1.2	0.4	1.4	1.4
Personal effects	-0.7	0.5	2.2	4.6	7.6
Insurance	2.5	2.8	3.1	1.3	2.0
Credit services	3.0	9.8	6.6	4.8	2.3
Other miscellaneous services	13.2	14.3	13.9	7.8	6.3
All groups⁽²⁾	3.4	3.2	3.3	4.0	3.5

(1) Percentage changes are calculated from index numbers that, in some cases, are unrounded up until the June 2006 quarter.

(2) From the September 2006 quarter, prices for fresh fruit and vegetables are seasonally unadjusted. They were seasonally adjusted until the June 2006 quarter.

Symbol:

.. figures not available

Table 3.01

Consumers Price Index
Selected groupings – index numbers
 Base: June 2006 quarter (=1000)

Selected grouping	Series ref: CPIQ	Quarter				
		2005		2006		
		Sep	Dec	Mar	Jun	Sep
All groups ⁽¹⁾	SE9A	973	979	985	1000	1007
All groups – seasonally unadjusted	SE9NS1160	973	981	986	1000	1007
All groups less selected groups/classes ⁽¹⁾						
All groups less food group	SE9NS1200	971	978	983	1000	1004
All groups less alcoholic beverages and tobacco group	SE9NS1210	971	978	984	1000	1006
All groups less clothing and footwear group	SE9NS1220	972	979	984	1000	1007
All groups less housing and household utilities group	SE9NS1230	974	980	984	1000	1004
All groups less household contents and services group	SE9NS1240	971	978	984	1000	1006
All groups less health group	SE9NS1250	973	980	985	1000	1007
All groups less transport group	SE9NS1260	979	985	993	1000	1011
All groups less communication group	SE9NS1270	972	980	985	1000	1007
All groups less recreation and culture group	SE9NS1280	971	978	984	1000	1007
All groups less education group	SE9NS1290	973	980	985	1000	1007
All groups less miscellaneous goods and services group	SE9NS1300	972	979	984	1000	1007
All groups less credit services class	SE9NS1080	973	979	984	1000	1007
All groups less purchase of new housing class	SE9NS1400	974	980	985	1000	1006
Other groupings ⁽¹⁾						
All groups less central and local government charges ⁽²⁾	SE9NS1120	973	980	985	1000	1007
Central and local government charges ⁽²⁾	SE9NS3270	968	976	987	1000	1006
All groups – goods component ⁽³⁾	SE9NS1130	974	977	984	1000	1006
All groups – services component ⁽⁴⁾	SE9NS1140	970	984	986	1000	1007
All groups plus interest	SE9NS1150	975	982	987	1000	1006

(1) From the September 2006 quarter, prices for fresh fruit and vegetables are not seasonally adjusted. They were seasonally adjusted until the June 2006 quarter.

(2) The composition of central and local government charges is further explained in the Technical notes of this release.

(3) The composition of goods is further explained in the Technical notes of this release.

(4) Services comprises all items not included in goods.

Table 3.02

Consumers Price Index
Selected groupings
Percentage change from previous quarter⁽¹⁾

Selected grouping	Quarter				
	2005		2006		
	Sep	Dec	Mar	Jun	Sep
All groups ⁽²⁾	1.1	0.7	0.6	1.5	0.7
All groups – seasonally unadjusted	1.2	0.8	0.5	1.4	0.7
All groups less selected groups/classes ⁽²⁾					
All groups less food group	1.4	0.7	0.5	1.8	0.4
All groups less alcoholic beverages and tobacco group	1.1	0.8	0.6	1.6	0.6
All groups less clothing and footwear group	1.2	0.7	0.5	1.6	0.7
All groups less housing and household utilities group	1.0	0.6	0.4	1.6	0.4
All groups less household contents and services group	1.1	0.7	0.6	1.6	0.6
All groups less health group	1.1	0.7	0.5	1.5	0.7
All groups less transport group	0.6	0.6	0.8	0.7	1.1
All groups less communication group	1.1	0.8	0.5	1.5	0.7
All groups less recreation and culture group	1.3	0.7	0.6	1.6	0.7
All groups less education group	1.1	0.7	0.5	1.5	0.7
All groups less miscellaneous goods and services group	1.1	0.7	0.5	1.6	0.7
All groups less credit services class	1.1	0.7	0.5	1.6	0.7
All groups less purchase of new housing class	1.1	0.6	0.5	1.5	0.6
Other groupings ⁽²⁾					
All groups less central and local government charges ⁽³⁾	1.0	0.7	0.5	1.5	0.7
Central and local government charges ⁽³⁾	2.3	0.7	1.2	1.3	0.6
All groups – goods component ⁽⁴⁾	0.9	0.3	0.8	1.6	0.6
All groups – services component ⁽⁵⁾	1.5	1.5	0.2	1.4	0.7
All groups plus interest	1.1	0.7	0.6	1.3	0.6

(1) Percentage changes are calculated from index numbers that, in some cases, are unrounded up until the June 2006 quarter.

(2) From the September 2006 quarter, prices for fresh fruit and vegetables are not seasonally adjusted. They were seasonally adjusted until the June 2006 quarter.

(3) The composition of central and local government charges is further explained in the Technical notes of this release.

(4) The composition of goods is further explained in the Technical notes of this release.

(5) Services comprises all items not included in goods.

Table 3.03

Consumers Price Index
Selected groupings

Percentage change from same quarter of previous year⁽¹⁾

Selected grouping	Quarter				
	2005		2006		
	Sep	Dec	Mar	Jun	Sep
All groups ⁽²⁾	3.4	3.2	3.3	4.0	3.5
All groups – seasonally unadjusted	3.4	3.2	3.3	4.0	3.5
All groups less selected groups/classes ⁽²⁾					
All groups less food group	3.8	3.5	3.7	4.4	3.4
All groups less alcoholic beverages and tobacco group	3.5	3.3	3.5	4.2	3.6
All groups less clothing and footwear group	3.6	3.4	3.4	4.2	3.6
All groups less housing and household utilities group	2.6	2.6	2.7	3.7	3.1
All groups less household contents and services group	3.4	3.3	3.5	4.2	3.6
All groups less health group	3.4	3.2	3.2	4.0	3.5
All groups less transport group	2.9	2.8	2.8	2.8	3.3
All groups less communication group	3.5	3.4	3.4	4.1	3.6
All groups less recreation and culture group	3.6	3.4	3.6	4.3	3.7
All groups less education group	3.4	3.2	3.4	4.0	3.5
All groups less miscellaneous goods and services group	3.3	3.1	3.1	4.1	3.6
All groups less credit services class	3.4	3.1	3.2	4.0	3.5
All groups less purchase of new housing class	3.1	2.8	3.0	3.8	3.3
Other groupings ⁽²⁾					
All groups less central and local government charges ⁽³⁾	3.1	3.0	3.2	3.8	3.5
Central and local government charges ⁽³⁾	5.9	4.9	5.1	5.7	3.9
All groups – goods component ⁽⁴⁾	3.1	2.8	2.8	3.5	3.3
All groups – services component ⁽⁵⁾	3.8	3.8	4.0	4.6	3.8
All groups plus interest	3.7	3.3	3.3	3.7	3.2

(1) Percentage changes are calculated from index numbers that, in some cases, are unrounded up until the June 2006 quarter.

(2) From the September 2006 quarter, prices for fresh fruit and vegetables are not seasonally adjusted. They were seasonally adjusted until the June 2006 quarter.

(3) The composition of central and local government charges is further explained in the Technical notes of this release.

(4) The composition of goods is further explained in the Technical notes of this release.

(5) Services comprises all items not included in goods.

Consumers Price Index: September 2006 quarter

Table 4

International Comparisons of Consumer Price Indexes

Excluding housing and household utilities group and credit services class – index numbers and percentage changes⁽¹⁾

Base: June 2006 quarter (=1000)

	New Zealand ⁽²⁾⁽³⁾	Australia	Canada	Japan	Germany	United Kingdom	United States
<i>Series ref. ICPQ</i>	<i>SI1A</i>	<i>SI1B</i>	<i>SI1C</i>	<i>SI1E</i>	<i>SI1F</i>	<i>SI1G</i>	<i>SI1H</i>
Quarter							
2004 Sep	949	939	964	993	977	959	930
Dec	956	946	967	999	977	965	939
2005 Mar	958	952	969	988	981	966	942
Jun	964	958	979	993	986	975	957
Sep	974	967	988	990	993	977	972
Dec	980	970	985	993	994	983	979
2006 Mar	984	981	988	992	993	985	982
Jun	1000	1000	1000	1000	1000	1000	1000
Sep	1004	..	..	..	..	..	..
Percentage change from previous quarter							
Quarter							
2004 Sep	0.4	0.1	-0.1	0.0	0.3	-0.2	0.2
Dec	0.7	0.7	0.3	0.6	0.0	0.6	1.0
2005 Mar	0.2	0.6	0.2	-1.1	0.5	0.1	0.3
Jun	0.6	0.6	1.0	0.5	0.5	0.9	1.6
Sep	1.0	1.0	0.9	-0.3	0.8	0.2	1.5
Dec	0.6	0.3	-0.3	0.3	0.1	0.6	0.7
2006 Mar	0.4	1.1	0.3	-0.1	-0.1	0.1	0.3
Jun	1.6	1.9	1.2	0.8	0.7	1.6	1.8
Sep	0.4	..	..	..	..	..	..
Percentage change from same quarter of previous year							
Quarter							
2004 Sep	1.5	2.0	1.7	-0.1	2.0	1.0	2.6
Dec	1.9	2.3	2.1	0.7	2.0	1.2	3.6
2005 Mar	1.9	2.0	1.7	-0.2	1.5	1.2	3.1
Jun	2.0	2.1	1.4	-0.1	1.2	1.5	3.2
Sep	2.6	3.0	2.5	-0.4	1.7	1.9	4.6
Dec	2.5	2.5	1.9	-0.7	1.8	1.9	4.3
2006 Mar	2.7	3.1	1.9	0.4	1.2	1.9	4.2
Jun	3.7	4.4	2.1	0.8	1.4	2.5	4.4
Sep	3.1	..	..	..	..	..	..

(1) Percentage changes are calculated from unrounded index numbers. For New Zealand, index numbers from the June 2006 quarter onwards are rounded.

(2) From the September 2006 quarter, prices for fresh fruit and vegetables are not seasonally adjusted. They were seasonally adjusted until the June 2006 quarter.

(3) Excludes the housing and household utilities group and the credit services class.

Symbol:

.. figures not available

Table 5

Consumers Price Index
Weighted average retail prices of selected items

Item	Unit	June 2006 quarter	September 2006 quarter	Percentage change ⁽¹⁾
		\$		
Alcoholic beverages and tobacco group				
Beer - bottles (supermarket & liquor store)	1 dozen	18.27	18.42	0.8
Beer - glass (licensed premises)	400ml	4.07	4.24	4.2
Wine - cask, white (supermarket & liquor store)	3 litres	18.60	18.81	1.1
Whisky (liquor store)	1000ml	38.23	39.02	2.1
Cigarettes (supermarket & convenience store)	pk of 25	11.95	11.95	0.0
Clothing and footwear group				
Socks - men's (clothing store & department store)	pair	9.35	9.39	0.4
Panty-hose - 15 denier, average size (supermarket)	pair	4.48	4.54	1.3
Dry cleaning - men's 2-piece, woollen suit	each	20.00	20.44	2.2
Housing and household utilities group				
Spouting/guttering - plastic	per 3m	28.93	29.76	2.9
Concrete blocks - 390 mm x 190 mm x 190 mm	per 100	312.48	315.92	1.1
House paint - acrylic, white	10 litres	143.77	144.74	0.7
Plasterboard - 2400 mm x 1200 mm	per sheet	21.60	21.85	1.2
Wallpaper - roll	each	37.13	38.96	4.9
Household contents and services group				
Carpet - wool, heavy duty, cut pile, width 3.66 m	per m	156.28	159.67	2.2
Electric light bulb - standard, 100 watt (supermarket)	each	0.94	0.92	-2.1
Bleach (supermarket)	2.5 litres	3.42	3.45	0.9
Clothes washing powder - concentrate (supermarket)	1kg	4.31	4.33	0.5
Detergent - dishwashing liquid (supermarket)	900ml	3.20	3.24	1.3
Cling food wrap - refill roll (supermarket)	45m	3.77	3.79	0.5
Health group				
General practitioner - consultation, adult without community services card	each	43.31	36.04	-16.8
Optometrist - examination	each	58.81	59.72	1.5
Dental examination, 2 X-rays, scale and polish	each	97.97	99.08	1.1
Transport group				
Car battery - 12 volts	each	92.09	92.16	0.1
Petrol - 91 octane	10 litres	16.79	16.66	-0.8
Petrol - 95/98 octane	10 litres	17.39	17.25	-0.8
Diesel	10 litres	12.55	12.19	-2.9
Warrant of fitness - private car	each	41.05	41.16	0.3
Communication group				
Postage - standard, medium-size envelope	each	0.45	0.45	0.0
Recreation and culture group				
Compact disc - current top 10 album (record store & department store)	each	28.30	28.42	0.4
Pet food - canned (supermarket)	700g	1.89	1.89	0.0
DVD hire - overnight Friday, new release	1 movie	7.37	7.38	0.1
Envelopes - medium-size (supermarket)	pk of 20	1.64	1.63	-0.6
Miscellaneous goods and services group				
Hairdressing - women's, shampoo, cut and blow wave	each	48.43	49.40	2.0
Bathroom soap - cake, 100 g (supermarket)	pk of 4	3.18	3.20	0.6
Shampoo (supermarket)	400ml	6.64	6.64	0.0
Tissues - facial (supermarket)	box of 180	2.57	2.49	-3.1
Toilet paper (supermarket)	4 rolls	2.79	2.74	-1.8

(1) Percentage changes are calculated from weighted average retail prices rounded to the nearest cent. They may differ from percentage changes calculated using index numbers on the expression base of 1000.

Table 6

Consumers Price Index Expenditure Weights
By group

Group	Base expenditure weight	
	June 2002 quarter	June 2006 quarter
	Percent ⁽¹⁾	
Food	17.21	17.38
Alcoholic beverages and tobacco	8.72	7.20
Clothing and footwear	4.77	4.75
Housing and household utilities	21.52	20.02
Household contents and services	5.13	5.49
Health	4.83	5.23
Transport	15.51	17.24
Communication	2.92	3.26
Recreation and culture	9.73	10.21
Education	1.65	2.08
Miscellaneous goods and services	8.01	7.13
All groups	100.00	100.00

(1) Percentages may not sum to totals due to rounding.

Table 7

Consumers Price Index Population Weights
By region

Region	Base population weight	
	June 2002 quarter	June 2006 quarter
	Percent ⁽¹⁾	
Auckland	32.69	32.63
Wellington	11.89	11.23
Rest of North Island	31.25	32.19
Whangarei	3.79	3.63
Hamilton	7.99	9.39
Tauranga	4.80	4.42
Rotorua	2.00	1.94
Napier-Hastings	4.96	4.74
New Plymouth	2.61	2.56
Wanganui	1.38	1.59
Palmerston North	3.72	3.93
Canterbury	13.85	12.84
Christchurch	12.23	11.46
Timaru	1.62	1.38
Rest of South Island	10.33	11.11
Nelson	3.16	4.04
Dunedin	4.41	4.80
Invercargill	2.76	2.27
Total	100.00	100.00

(1) Percentages may not sum to totals due to rounding.

Consumers Price Index: September 2006 quarter

Table 8.01

Consumers Price Index
Groups, subgroups and classes
 Points effect and percentage change from previous quarter

Group, subgroup or class	Percentage of total expenditure (weight) June 2006 quarter ⁽¹⁾	From previous quarter	
		Percentage change ⁽²⁾	Points effect ⁽¹⁾
Food group	17.38	2.0	3.52
Fruit and vegetables	2.20	13.1	2.88
Fruit	0.87	9.4	0.82
Vegetables	1.33	15.5	2.07
Meat, poultry and fish	2.82	0.8	0.23
Meat and poultry	2.48	0.7	0.18
Fish and other seafood	0.34	1.4	0.05
Grocery food	6.70	-0.2	-0.11
Bread and cereals	2.01	0.0	0.01
Milk, cheese and eggs	1.57	-3.1	-0.49
Oils and fats	0.31	1.1	0.03
Food additives and condiments	0.46	4.0	0.18
Confectionery, nuts and snacks	1.65	0.5	0.09
Other grocery food	0.70	0.9	0.07
Non-alcoholic beverages	1.62	0.3	0.05
Coffee, tea and other hot drinks	0.32	2.1	0.07
Soft drinks, waters and juices	1.30	-0.1	-0.02
Restaurant meals and ready-to-eat food	4.03	1.1	0.46
Restaurant meals	1.79	0.7	0.13
Ready-to-eat food	2.24	1.5	0.34
Alcoholic beverages and tobacco group	7.20	1.6	1.13
Alcoholic beverages	4.97	2.3	1.12
Beer	2.18	2.5	0.54
Wine	1.51	1.1	0.16
Spirits and liqueurs	1.28	3.3	0.42
Cigarettes and tobacco	2.23	0.0	0.00
Clothing and footwear group	4.75	-0.7	-0.33
Clothing	3.95	-0.5	-0.21
Men's clothing	1.08	-1.1	-0.12
Women's clothing	2.00	-0.4	-0.07
Children's and infants' clothing	0.73	-0.5	-0.04
Knitting and sewing supplies	0.07	-0.1	0.00
Clothing services	0.07	2.2	0.02
Footwear	0.80	-1.4	-0.11
Men's footwear	0.24	-3.0	-0.07
Women's footwear	0.43	-0.4	-0.02
Children's and infants' footwear	0.12	-1.8	-0.02
Housing and household utilities group	20.02	1.9	3.81
Actual rentals for housing	6.87	0.3	0.19
Home ownership	4.66	2.1	0.96
Purchase of new housing	4.66	2.1	0.96
Property maintenance	2.24	1.6	0.35
Property maintenance materials	0.63	0.5	0.03
Property maintenance services	1.61	2.0	0.32
Property rates and related services	2.44	6.8	1.66
Water supply	0.16	5.3	0.09
Refuse disposal and recycling	0.12	8.9	0.11
Local authority rates and payments	2.16	6.8	1.47
Household energy	3.82	1.7	0.64
Electricity	3.29	1.5	0.49
Gas	0.40	3.1	0.12
Solid fuels	0.13	2.5	0.03

Note: For footnotes, see end of table.

Consumers Price Index: September 2006 quarter

Table 8.01
continued

Consumers Price Index
Groups, subgroups and classes
Points effect and percentage change from previous quarter

Group, subgroup or class	Percentage of total expenditure (weight) June 2006 quarter ⁽¹⁾	From previous quarter	
		Percentage change ⁽²⁾	Points effect ⁽¹⁾
Household contents and services group	5.49	0.9	0.52
Furniture, furnishings and floor coverings	2.07	2.5	0.52
Furniture and furnishings	1.59	2.8	0.44
Carpets and other floor coverings	0.49	1.6	0.08
Household textiles	0.53	-1.3	-0.07
Household appliances	1.16	-0.5	-0.06
Major household appliances	0.89	-0.9	-0.08
Small electrical household appliances	0.15	0.8	0.01
Repair and hire of household appliances	0.13	0.8	0.01
Glassware, tableware and household utensils	0.35	0.9	0.03
Tools and equipment for house and garden	0.45	0.4	0.02
Major tools and equipment for the house and garden	0.18	0.4	0.01
Small tools and accessories for the house and garden	0.27	0.4	0.01
Other household supplies and services	0.93	0.8	0.08
Cleaning products and other household supplies	0.77	0.9	0.07
Other household services	0.16	0.4	0.01
Health group	5.23	-0.8	-0.40
Medical products, appliances and equipment	1.13	0.0	0.00
Pharmaceutical products	0.77	-0.1	-0.01
Other medical products	0.04	0.5	0.00
Therapeutic appliances and equipment	0.33	0.3	0.01
Out-patient services	3.42	-1.8	-0.62
Medical services	2.09	-3.5	-0.74
Dental services	0.86	1.3	0.11
Paramedical services	0.47	0.0	0.00
Hospital services	0.68	3.3	0.22
Transport group	17.24	-1.2	-2.10
Purchase of vehicles	5.24	-3.7	-1.95
Purchase of new motor cars	1.69	-2.6	-0.44
Purchase of second-hand motor cars	3.30	-4.6	-1.53
Purchase of motorcycles	0.19	0.6	0.01
Purchase of bicycles	0.05	1.4	0.01
Private transport supplies and services	9.27	-0.6	-0.58
Vehicle parts and accessories	0.72	2.4	0.17
Petrol	5.38	-0.8	-0.43
Other vehicle fuels and lubricants	0.44	-1.8	-0.08
Vehicle servicing and repairs	1.48	1.1	0.17
Other private transport services	1.27	-3.2	-0.41
Passenger transport services	2.73	1.6	0.43
Rail passenger transport	0.08	2.9	0.02
Road passenger transport	0.46	1.1	0.05
Domestic air transport	0.73	3.1	0.23
International air transport	1.36	0.3	0.05
Sea passenger transport	0.10	8.3	0.08
Communication group	3.26	-0.2	-0.05
Postal services	0.16	0.0	0.00
Telecommunication equipment	0.15	-3.8	-0.06
Telecommunication services	2.96	0.0	0.00

Note: For footnotes, see end of table.

Consumers Price Index: September 2006 quarter

Table 8.01
continued

Consumers Price Index
Groups, subgroups and classes
Points effect and percentage change from previous quarter

Group, subgroup or class	Percentage of total expenditure (weight) June 2006 quarter ⁽¹⁾	From previous quarter	
		Percentage change ⁽²⁾	Points effect ⁽¹⁾
Recreation and culture group	10.21	-0.1	-0.06
Audio-visual and computing equipment	1.83	-3.1	-0.57
Audio-visual equipment	0.94	-5.0	-0.47
Computing equipment	0.49	-0.8	-0.04
Recording media	0.40	-1.4	-0.05
Major recreational and cultural equipment	0.42	0.6	0.02
Other recreational equipment and supplies	2.01	-0.4	-0.09
Games, toys and hobbies	0.37	-1.7	-0.06
Equipment for sport, camping and outdoor recreation	0.47	-0.8	-0.04
Plants, flowers and gardening supplies	0.57	0.4	0.02
Pet-related products	0.59	-0.2	-0.01
Recreational and cultural services	2.88	0.0	0.01
Recreational and sporting services	1.01	0.1	0.01
Cultural services	1.63	-0.3	-0.05
Veterinary services	0.24	2.5	0.06
Newspapers, books and stationery	1.58	2.5	0.39
Books	0.45	2.2	0.10
Newspapers and magazines	0.87	1.6	0.14
Stationery and drawing materials	0.26	5.7	0.15
Accommodation services	0.66	0.9	0.06
Package holidays	0.84	1.3	0.11
Education group	2.08	0.2	0.04
Early childhood education	0.35	1.0	0.04
Primary and secondary education	0.70	0.0	0.00
Tertiary and other post school education	1.03	0.0	0.00
Miscellaneous goods and services group	7.13	0.8	0.59
Personal care	2.14	0.3	0.05
Hairdressing and personal grooming services	0.67	1.6	0.11
Electrical appliances for personal care	0.02	2.3	0.00
Other appliances, articles and products for personal care	1.44	-0.4	-0.06
Personal effects	0.58	2.5	0.15
Jewellery and watches	0.37	3.7	0.14
Other personal effects	0.22	0.5	0.01
Insurance	1.70	0.6	0.11
Life insurance	0.69	0.0	0.00
Dwelling insurance	0.19	0.0	0.00
Contents insurance	0.25	0.1	0.00
Health insurance	0.18	5.0	0.09
Vehicle insurance	0.38	0.3	0.01
Credit services	0.76	0.0	0.00
Other miscellaneous services	1.95	1.4	0.28
Vocational services	0.30	0.2	0.01
Professional services	0.35	0.7	0.03
Real estate services	1.11	1.4	0.15
Other miscellaneous services nec	0.19	4.9	0.09
All groups	100.00	0.7	6.65 R

(1) Figures may not add to totals due to rounding.

(2) Percentage changes are calculated from rounded index numbers.

Symbols:

.. figures not available

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Consumers Price Index: September 2006 quarter

Table 8.02

Consumers Price Index
Groups, subgroups and classes
 Points effect and percentage change from same quarter of previous year

Group, subgroup or class	Percentage of total expenditure (weight) June 2006 quarter ⁽¹⁾	From previous year	
		Percentage change ⁽²⁾	Points effect ⁽¹⁾
Food group	17.38	3.9	6.49
Fruit and vegetables	2.20	22.4	4.36
Fruit	0.87	11.9	0.99 R
Vegetables	1.33	30.4	3.36 R
Meat, poultry and fish	2.82	1.3	0.37
Meat and poultry	2.48	1.3	0.32 R
Fish and other seafood	0.34	1.2	0.04 R
Grocery food	6.70	0.5	0.29
Bread and cereals	2.01	0.4	0.08 R
Milk, cheese and eggs	1.57	-2.7	-0.44 R
Oils and fats	0.31	4.7	0.13 R
Food additives and condiments	0.46	4.5	0.21 R
Confectionery, nuts and snacks	1.65	0.4	0.07 R
Other grocery food	0.70	3.9	0.24 R
Non-alcoholic beverages	1.62	2.1	0.36
Coffee, tea and other hot drinks	0.32	4.5	0.13 R
Soft drinks, waters and juices	1.30	1.6	0.23 R
Restaurant meals and ready-to-eat food	4.03	3.0	1.12
Restaurant meals	1.79	2.6	0.41 R
Ready-to-eat food	2.24	3.5	0.70 R
Alcoholic beverages and tobacco group	7.20	3.0	2.33
Alcoholic beverages	4.97	3.1	1.62
Beer	2.18	3.2	0.74 R
Wine	1.51	2.2	0.33 R
Spirits and liqueurs	1.28	4.0	0.55 R
Cigarettes and tobacco	2.23	3.1	0.71
Clothing and footwear group	4.75	-0.3	-0.14
Clothing	3.95	0.5	0.14
Men's clothing	1.08	0.1	0.01 R
Women's clothing	2.00	0.6	0.07 R
Children's and infants' clothing	0.73	0.6	0.02 R
Knitting and sewing supplies	0.07	0.6	0.01
Clothing services	0.07	4.8	0.04 R
Footwear	0.80	-3.7	-0.29
Men's footwear	0.24	-6.0	-0.15 R
Women's footwear	0.43	-2.8	-0.10 R
Children's and infants' footwear	0.12	-2.6	-0.03 R
Housing and household utilities group	20.02	5.4	11.66
Actual rentals for housing	6.87	1.9	1.06
Home ownership	4.66	6.2	4.78
Purchase of new housing	4.66	6.2	4.78 R
Property maintenance	2.24	5.1	1.09
Property maintenance materials	0.63	3.5	0.34 R
Property maintenance services	1.61	6.0	0.75 R
Property rates and related services	2.44	9.5	2.35
Water supply	0.16	5.1	0.08 R
Refuse disposal and recycling	0.12	39.5	0.53
Local authority rates and payments	2.16	8.0	1.73 R
Household energy	3.82	6.9	2.39
Electricity	3.29	6.6	2.06 R
Gas	0.40	8.9	0.26
Solid fuels	0.13	5.8	0.07 R

Note: For footnotes, see end of table.

Consumers Price Index: September 2006 quarter

Table 8.02
continued

Consumers Price Index
Groups, subgroups and classes
Points effect and percentage change from same quarter of previous year

Group, subgroup or class	Percentage of total expenditure (weight) June 2006 quarter ⁽¹⁾	From previous year	
		Percentage change ⁽²⁾	Points effect ⁽¹⁾
Household contents and services group	5.49	0.7	0.43
Furniture, furnishings and floor coverings	2.07	2.5	0.51
Furniture and furnishings	1.59	2.8	0.43 R
Carpets and other floor coverings	0.49	1.6	0.08 R
Household textiles	0.53	-1.6	-0.08
Household appliances	1.16	-1.6	-0.18
Major household appliances	0.89	-2.7	-0.24 R
Small electrical household appliances	0.15	1.0	0.01 R
Repair and hire of household appliances	0.13	3.7	0.05 R
Glassware, tableware and household utensils	0.35	2.0	0.06
Tools and equipment for house and garden	0.45	1.4	0.06
Major tools and equipment for the house and garden	0.18	1.8	0.03 R
Small tools and accessories for the house and garden	0.27	1.1	0.03 R
Other household supplies and services	0.93	0.5	0.06
Cleaning products and other household supplies	0.77	-0.1	0.02
Other household services	0.16	5.7	0.04 R
Health group	5.23	2.0	0.97
Medical products, appliances and equipment	1.13	1.2	0.08
Pharmaceutical products	0.77	0.9	0.05 R
Other medical products	0.04	2.4	0.01
Therapeutic appliances and equipment	0.33	2.8	0.02
Out-patient services	3.42	1.2	0.51
Medical services	2.09	-0.5	0.07 R
Dental services	0.86	5.1	0.40 R
Paramedical services	0.47	1.7	0.04 R
Hospital services	0.68	5.7	0.39
Transport group	17.24	5.4	7.63
Purchase of vehicles	5.24	-4.0	-2.07
Purchase of new motor cars	1.69	-3.6	-0.56 R
Purchase of second-hand motor cars	3.30	-4.6	-1.53 R
Purchase of motorcycles	0.19	1.6	0.02 R
Purchase of bicycles	0.05	-1.2	0.00
Private transport supplies and services	9.27	10.1	6.87
Vehicle parts and accessories	0.72	1.8	0.15 R
Petrol	5.38	15.9	5.95 R
Other vehicle fuels and lubricants	0.44	20.3	0.65 R
Vehicle servicing and repairs	1.48	3.2	0.41 R
Other private transport services	1.27	-2.2	-0.28 R
Passenger transport services	2.73	8.0	2.84
Rail passenger transport	0.08	10.6	0.20
Road passenger transport	0.46	6.8	0.31 R
Domestic air transport	0.73	13.3	1.00 R
International air transport	1.36	5.8	1.25 R
Sea passenger transport	0.10	8.3	0.08
Communication group	3.26	2.1	0.54
Postal services	0.16	1.4	0.02
Telecommunication equipment	0.15	-17.3	-0.15
Telecommunication services	2.96	2.8	0.67

Note: For footnotes, see end of table.

Consumers Price Index: September 2006 quarter

Table 8.02
continued

Consumers Price Index
Groups, subgroups and classes
Points effect and percentage change from same quarter of previous year

Group, subgroup or class	Percentage of total expenditure (weight) June 2006 quarter ⁽¹⁾	From previous year	
		Percentage change ⁽²⁾	Points effect ⁽¹⁾
Recreation and culture group	10.21	1.1	0.98
Audio-visual and computing equipment	1.83	-7.9	-1.17
Audio-visual equipment	0.94	-15.2	-0.91 R
Computing equipment	0.49	-4.5	-0.17 R
Recording media	0.40	-2.5	-0.10 R
Major recreational and cultural equipment	0.42	2.8	0.20
Other recreational equipment and supplies	2.01	-0.7	-0.15
Games, toys and hobbies	0.37	-3.8	-0.11 R
Equipment for sport, camping and outdoor recreation	0.47	-1.8	-0.07
Plants, flowers and gardening supplies	0.57	-0.4	-0.04 R
Pet-related products	0.59	1.4	0.07 R
Recreational and cultural services	2.88	2.7	0.69
Recreational and sporting services	1.01	2.4	0.24 R
Cultural services	1.63	2.3	0.28 R
Veterinary services	0.24	7.2	0.18 R
Newspapers, books and stationery	1.58	6.2	1.07
Books	0.45	1.8	0.09 R
Newspapers and magazines	0.87	6.2	0.75 R
Stationery and drawing materials	0.26	6.7	0.16 R
Accommodation services	0.66	3.7	0.22
Package holidays	0.84	..	..
Education group	2.08	4.2	0.70
Early childhood education	0.35	2.8	0.12
Primary and secondary education	0.70	6.2	0.14
Tertiary and other post school education	1.03	4.6	0.43
Miscellaneous goods and services group	7.13	3.1	2.44
Personal care	2.14	1.4	0.28
Hairdressing and personal grooming services	0.67	5.2	0.29 R
Electrical appliances for personal care	0.02	-0.5	0.00
Other appliances, articles and products for personal care	1.44	-0.1	-0.01 R
Personal effects	0.58	7.6	0.35
Jewellery and watches	0.37	10.2	0.30 R
Other personal effects	0.22	3.2	0.05 R
Insurance	1.70	2.0	0.65
Life insurance	0.69	0.5	0.03
Dwelling insurance	0.19	4.6	0.26 R
Contents insurance	0.25	0.8	0.07 R
Health insurance	0.18	8.5	0.14 R
Vehicle insurance	0.38	1.3	0.14 R
Credit services	0.76	2.3	0.12
Other miscellaneous services	1.95	6.3	1.05
Vocational services	0.30	1.6	0.04
Professional services	0.35	4.3	0.14 R
Real estate services	1.11	7.4	0.76 R
Other miscellaneous services nec	0.19	8.7	0.12
All groups	100.00	3.5	34.03 R

(1) Figures may not add to totals due to rounding.

(2) Percentage changes are calculated from rounded index numbers.

Symbols:

.. figures not available

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Table 9

Consumers Price Index
Expenditure weights
Group, subgroup or class

Group, subgroup or class	Base quarter expenditure weight		
	June 1999	June 2002	June 2006
	Percent of total expenditure (weight) ⁽¹⁾		
Food group	18.17	17.21	17.38
Fruit and vegetables	2.37	2.03	2.20
Fruit	1.03	0.90	0.87
Vegetables	1.33	1.13	1.33
Meat, poultry and fish	2.73	3.28	2.82
Meat and poultry	2.38	2.93	2.48
Fish and other seafood	0.35	0.36	0.34
Grocery food	7.54	6.54	6.70
Bread and cereals	2.34	1.90	2.01
Milk, cheese and eggs	1.80	1.55	1.57
Oils and fats	0.35	0.33	0.31
Food additives and condiments	0.39	0.55	0.46
Confectionery, nuts and snacks	2.04	1.60	1.65
Other grocery food	0.61	0.59	0.70
Non-alcoholic beverages	1.80	1.76	1.62
Coffee, tea and other hot drinks	0.36	0.28	0.32
Soft drinks, waters and juices	1.44	1.48	1.30
Restaurant meals and ready-to-eat food	3.74	3.60	4.03
Restaurant meals	1.44	1.64	1.79
Ready-to-eat food	2.29	1.96	2.24
Alcoholic beverages and tobacco group	9.25	8.72	7.20
Alcoholic beverages	6.14	6.43	4.97
Beer	3.31	2.81	2.18
Wine	1.39	1.54	1.51
Spirits and liqueurs	1.45	2.08	1.28
Cigarettes and tobacco	3.11	2.29	2.23
Clothing and footwear group	3.83	4.77	4.75
Clothing	3.12	3.89	3.95
Men's clothing	0.85	1.19	1.08
Women's clothing	1.46	1.86	2.00
Children's and infants' clothing	0.54	0.63	0.73
Knitting and sewing supplies	0.17	0.13	0.07
Clothing services	0.11	0.08	0.07
Footwear	0.71	0.88	0.80
Men's footwear	0.24	0.32	0.24
Women's footwear	0.29	0.41	0.43
Children's and infants' footwear	0.18	0.15	0.12
Housing and household utilities group	24.24	21.52	20.02
Actual rentals for housing	6.32	5.54	6.87
Home ownership	9.85	8.47	4.66
Purchase of new housing	9.85	8.47	4.66
Property maintenance	2.37	2.12	2.24
Property maintenance materials	1.26	1.08	0.63
Property maintenance services	1.11	1.04	1.61
Property rates and related services	2.26	2.34	2.44
Water supply	0.00	0.16	0.16
Refuse disposal and recycling	0.00	0.14	0.12
Local authority rates and payments	2.26	2.04	2.16
Household energy	3.44	3.04	3.82
Electricity	3.00	2.73	3.29
Gas	0.31	0.20	0.40
Solid fuels	0.12	0.11	0.13

Note: For footnotes, see end of table.

Consumers Price Index: September 2006 quarter

Table 9
continued

Consumers Price Index
Expenditure weights
Group, subgroup or class

Group, subgroup or class	Base quarter expenditure weight		
	June 1999	June 2002	June 2006
	Percent of total expenditure (weight) ⁽¹⁾		
Household contents and services group	5.58	5.13	5.49
Furniture, furnishings and floor coverings	1.91	1.91	2.07
Furniture and furnishings	1.53	1.50	1.59
Carpets and other floor coverings	0.38	0.41	0.49
Household textiles	0.56	0.51	0.53
Household appliances	1.17	1.26	1.16
Major household appliances	0.98	1.08	0.89
Small electrical household appliances	0.10	0.05	0.15
Repair and hire of household appliances	0.09	0.12	0.13
Glassware, tableware and household utensils	0.44	0.32	0.35
Tools and equipment for house and garden	0.59	0.48	0.45
Major tools and equipment for the house and garden	0.22	0.21	0.18
Small tools and accessories for the house and garden	0.36	0.27	0.27
Other household supplies and services	0.92	0.66	0.93
Cleaning products and other household supplies	0.72	0.59	0.77
Other household services	0.20	0.06	0.16
Health group	2.20	4.83	5.23
Medical products, appliances and equipment	0.93	0.62	1.13
Pharmaceutical products	0.73	0.54	0.77
Other medical products	0.05	0.04	0.04
Therapeutic appliances and equipment	0.15	0.04	0.33
Out-patient services	1.20	3.54	3.42
Medical services	0.71	2.62	2.09
Dental services	0.45	0.70	0.86
Paramedical services	0.04	0.21	0.47
Hospital services	0.08	0.67	0.68
Transport group	14.39	15.51	17.24
Purchase of vehicles	4.84	4.48	5.24
Purchase of new motor cars	0.80	1.25	1.69
Purchase of second-hand motor cars	3.86	3.12	3.30
Purchase of motorcycles	0.09	0.07	0.19
Purchase of bicycles	0.08	0.04	0.05
Private transport supplies and services	5.56	6.22	9.27
Vehicle parts and accessories	0.60	0.47	0.72
Petrol	3.00	3.12	5.38
Other vehicle fuels and lubricants	0.35	0.26	0.44
Vehicle servicing and repairs	0.66	1.14	1.48
Other private transport services	0.95	1.22	1.27
Passenger transport services	3.99	4.82	2.73
Rail passenger transport	0.06	0.25	0.08
Road passenger transport	0.54	0.49	0.46
Domestic air transport	0.67	0.84	0.73
International air transport	2.65	3.11	1.36
Sea passenger transport	0.06	0.13	0.10
Communication group	2.58	2.92	3.26
Postal services	0.15	0.12	0.16
Telecommunication equipment	0.02	0.15	0.15
Telecommunication services	2.41	2.65	2.96

Note: For footnotes, see end of table.

Table 9
continued

Consumers Price Index
Expenditure weights
Group, subgroup or class

Group, subgroup or class	Base quarter expenditure weight		
	June 1999	June 2002	June 2006
	Percent of total expenditure (weight) ⁽¹⁾		
Recreation and culture group	9.24	9.73	10.21
Audio-visual and computing equipment	1.90	1.78	1.83
Audio-visual equipment	0.68	0.74	0.94
Computing equipment	0.61	0.52	0.49
Recording media	0.51	0.47	0.40
Major recreational and cultural equipment	0.54	0.87	0.42
Other recreational equipment and supplies	1.87	2.00	2.01
Games, toys and hobbies	0.36	0.28	0.37
Equipment for sport, camping and outdoor recreation	0.38	0.32	0.47
Plants, flowers and gardening supplies	0.64	0.89	0.57
Pet-related products	0.49	0.52	0.59
Recreational and cultural services	2.52	2.55	2.88
Recreational and sporting services	1.21	1.01	1.01
Cultural services	1.10	1.31	1.63
Veterinary services	0.21	0.23	0.24
Newspapers, books and stationery	1.81	1.89	1.58
Books	0.42	0.23	0.45
Newspapers and magazines	0.96	1.33	0.87
Stationery and drawing materials	0.43	0.11	0.26
Accommodation services	0.55	0.57	0.66
Package holidays	0.06	0.06	0.84
Education group	1.81	1.65	2.08
Early childhood education	0.22	0.48	0.35
Primary and secondary education	0.54	0.21	0.70
Tertiary and other post-school education	1.05	0.96	1.03
Miscellaneous goods and services group	8.70	8.01	7.13
Personal care	1.91	2.02	2.14
Hairdressing and personal grooming services	0.51	0.52	0.67
Electrical appliances for personal care	0.02	0.02	0.02
Other appliances, articles and products for personal care	1.37	1.49	1.44
Personal effects	0.39	0.45	0.58
Jewellery and watches	0.25	0.28	0.37
Other personal effects	0.14	0.18	0.22
Insurance	3.58	3.71	1.70
Life insurance	0.35	0.70	0.69
Dwelling insurance	0.59	0.51	0.19
Contents insurance	0.72	1.04	0.25
Health insurance	0.93	0.15	0.18
Vehicle insurance	0.99	1.30	0.38
Credit services	0.69	0.58	0.76
Other miscellaneous services	2.13	1.25	1.95
Vocational services	0.22	0.18	0.30
Professional services	0.41	0.31	0.35
Real estate services	1.39	0.69	1.11
Other miscellaneous services nec	0.10	0.07	0.19
All groups	100.00	100.00	100.00

(1) Figures may not add to totals due to rounding.

Consumers Price Index: September 2006 quarter

Table 10

Consumers Price Index
COICOP⁽¹⁾ divisions – index numbers and percentage changes
 Base: June 2006 quarter (=1000)

Division	Series ref: CPIQ	Quarter				
		2005		2006		
		Sep	Dec	Mar	Jun	Sep
Food and non-alcoholic beverages	SE9NS2000	..	..	..	1000	1023
Alcoholic beverages, tobacco and narcotics	SE9NS2010	..	..	..	1000	1009
Clothing and footwear	SE9NS2020	..	..	..	1000	993
Housing, water, electricity, gas and other fuels	SE9NS2030	..	..	..	1000	1019
Furnishings, household equipment and routine household maintenance	SE9NS2040	..	..	..	1000	1010
Health	SE9NS2050	..	..	..	1000	992
Transport	SE9NS2060	..	..	..	1000	988
Communication	SE9NS2070	..	..	..	1000	998
Recreation and culture	SE9NS2080	..	..	..	1000	999
Education	SE9NS2090	..	..	..	1000	1002
Restaurants and hotels	SE9NS2100	..	..	..	1000	1017
Miscellaneous goods and services	SE9NS2110	..	..	..	1000	1008
Percentage change from previous quarter						
Food and non-alcoholic beverages		..	..	..	..	2.3
Alcoholic beverages, tobacco and narcotics		..	..	..	..	0.9
Clothing and footwear		..	..	..	..	-0.7
Housing, water, electricity, gas and other fuels		..	..	..	..	1.9
Furnishings, household equipment and routine household maintenance		..	..	..	..	1.0
Health		..	..	..	..	-0.8
Transport		..	..	..	..	-1.2
Communication		..	..	..	..	-0.2
Recreation and culture		..	..	..	..	-0.1
Education		..	..	..	..	0.2
Restaurants and hotels		..	..	..	..	1.7
Miscellaneous goods and services		..	..	..	..	0.8
Percentage change from same quarter of previous year						
Food and non-alcoholic beverages		..	..	..	..	..
Alcoholic beverages, tobacco and narcotics		..	..	..	..	..
Clothing and footwear		..	..	..	..	..
Housing, water, electricity, gas and other fuels		..	..	..	..	..
Furnishings, household equipment and routine household maintenance		..	..	..	..	..
Health		..	..	..	..	..
Transport		..	..	..	..	..
Communication		..	..	..	..	..
Recreation and culture		..	..	..	..	..
Education		..	..	..	..	..
Restaurants and hotels		..	..	..	..	..
Miscellaneous goods and services		..	..	..	..	..

(1) United Nations Classification of Individual Consumption According to Purpose. These series have been created for analytical purposes. They were constructed by reclassifying the New Zealand CPI basket of goods and services classified under the New Zealand Household Expenditure Classification to the divisional level of the UN classification.

Symbol:

.. figures not available