

Embargoed until 10:45am – 09 February 2011

## Electronic Card Transactions: January 2011

### Key facts

These statistics are based on electronic card transactions during January 2011. Figures are seasonally adjusted unless otherwise stated. See the 'Technical notes' section for industry descriptors.

Changes in the value of transactions (compared with December 2010) were as follows:

- Total electronic card transactions were **up** (2.2 percent).
- Transactions in the retail industries were **up** (2.4 percent).
- Transactions in the core retail industries were **up** (2.4 percent).
- The three industries with the largest increases were non-retail (excluding services), consumables, and durables.

The actual (not seasonally adjusted) value of transactions in the core retail series was up 5.2 percent from January 2010.

The total value of electronic card transactions was up 2.2 percent in January 2011 when adjusted for seasonal effects. This is the largest increase in five years and follows a decrease of 1.2 percent in December 2010. All industries recorded increases in January 2011.

The value of transactions in the retail industries was up 2.4 percent in January 2011, the largest increase since January 2006. This latest increase follows a 0.8 percent decrease in December 2010.

The value of transactions in core retail (which excludes the motor vehicle-related industries) was up 2.4 percent in January 2011, the largest increase since December 2002. This follows a decrease of 1.6 percent in December 2010, the largest decrease since November 2002.

The January increase in core retail was led by the consumables and durables industries. Consumables (which includes food and liquor retailing) increased 1.3 percent, and durables (which includes furniture, hardware, and appliance retailing) increased 1.8 percent.

Trends for the value of transactions in the total and retail series have continued to increase since early 2009. The trend for the core retail series has generally been increasing since the series began in October 2002, but has eased in recent months.

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## Related information

Latest seasonally adjusted movements in the Retail Trade Survey compared with ECT data, as first published:

- retail trade sales increased 1.5 percent in November 2010
- retail ECT series increased 1.4 percent in November 2010
- core retail trade sales were flat, down 0.2 percent in November 2010
- core retail ECT series increased 1.0 percent in November 2010.

Latest movement in the food price index:

- the food price index fell 0.8 percent in December 2010.

Latest movement in the consumers price index:

- the consumers price index rose 2.3 percent in the December 2010 quarter, influenced by a rise in goods and services tax (GST) from 12.5 percent to 15 percent on 1 October 2010.

Latest movement in credit card billings, as issued by the Reserve Bank of New Zealand:

- credit card billings increased 0.9 percent in December 2010 compared with December 2009.

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### Next release ...

*Electronic Card Transactions: February 2011* will be released on 9 March 2011.

# Technical notes

## Background

The Electronic Card Transaction (ECT) series is an experimental monthly series, which covers all debit, credit, and charge card transactions with New Zealand-based merchants. This information can be used as an indicator of the change in the level of consumption expenditure and economic activity in general.

Statistics on electronic card transactions are produced from aggregated administrative data generated in the process of administering New Zealand-based electronic transactions. The data are supplied in a highly aggregated form and are inclusive of goods and services tax (GST).

Statistics New Zealand would like to acknowledge the cooperation of the private sector in providing the data for publication, which supports the delivery of statistics without significant additional burden on businesses in New Zealand.

## Coverage

Inclusions:

- all debit, credit, and charge card transactions with New Zealand-based merchants
- card-present transactions at the point of sale, whether authorised by PIN or signature
- card-not-present transactions (for example payments of invoices, mail order, telephone, and Internet sales via credit card or direct debit from credit cards) where the card is not presented directly at a point-of-sale terminal
- GST.

Exclusions:

- all credit card transactions with non-New Zealand-based merchants, for example via the Internet, telephone, mail order
- transactions by New Zealand card holders while overseas
- cash, cheque, or hire purchase transactions
- automatic payments or direct debits from bank accounts
- Internet bank account payments
- withdrawals from ATMs.

Notes:

- Cash out is included in the data from one of the respondent companies, but excluded by the other.
- Manual, voucher-based credit card transactions are included by one of the respondents, but excluded by the other.

## Published levels

Data are published at three levels of aggregation. These are:

1. Electronic card transactions – total

- Includes data for all industry classes; a census of all electronic transactions.

## 2. Electronic card transactions – retail industries

- A subset of total electronic card transactions covering the following ANZSIC06 industries: retail trade (ANZSIC division G) and accommodation and food services (ANZSIC division H).

## 3. Electronic card transactions – core retail industries

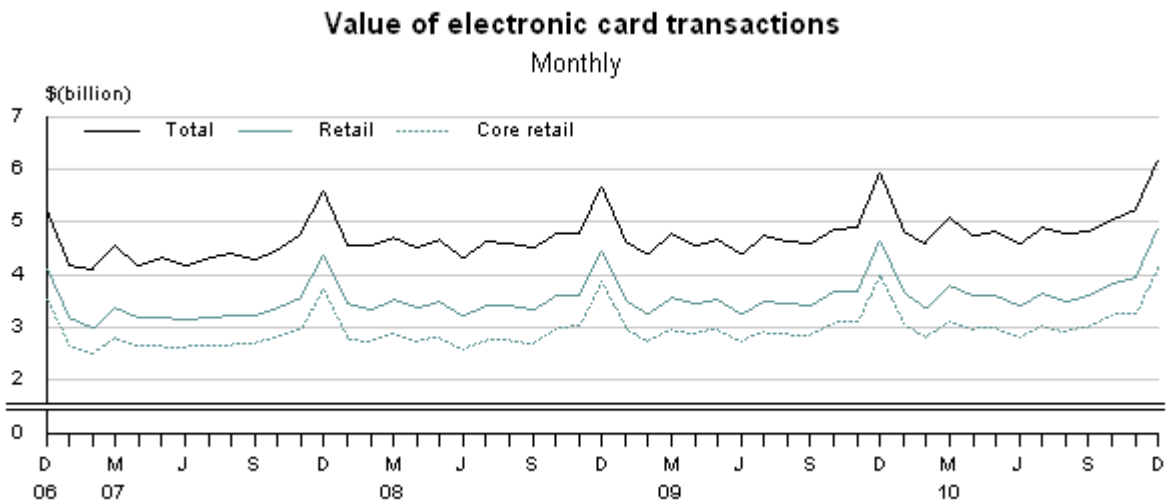
- A subset of retail electronic card transactions, excluding the motor vehicle-related industries (ANZSIC groups G1110 motor vehicles and parts retailing and G1120 fuel retailing). Motor vehicles and parts generally have low rates of electronic transactions.

The following series are published for each of the aggregations:

- values – actual (unadjusted), seasonally adjusted, and trend
- volumes – actual (unadjusted).

## Seasonal patterns

The three unadjusted series (for the value of total, retail, and core retail electronic card transactions) have similar seasonal patterns, peaking in December each year.

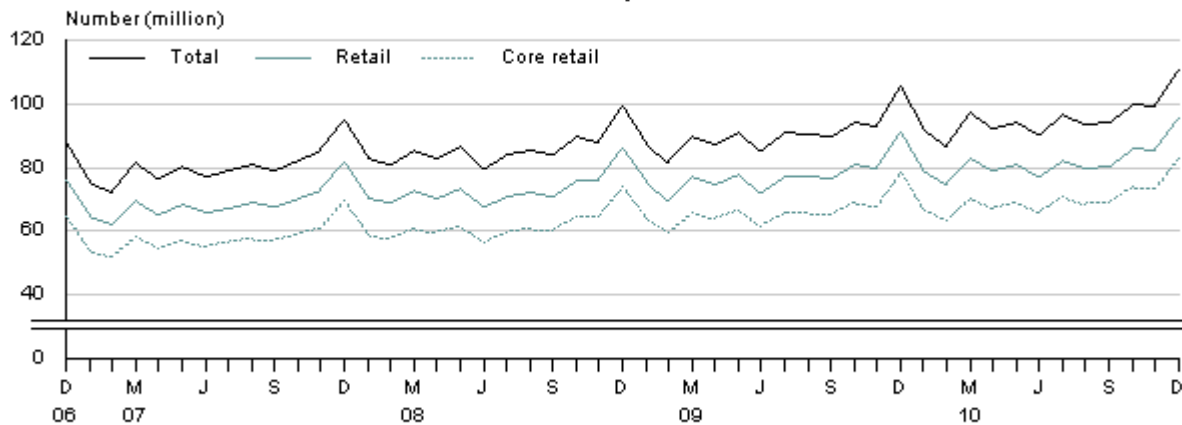


Source: Statistics New Zealand

The three ECT series for the number of total, retail, and core retail electronic card transactions have similar patterns to those for the transaction values, peaking each December.

## Electronic card transactions

Monthly



Source: Statistics New Zealand

## Impact of electronic card transaction processing outages

Occasionally, processing outages prevent customers from being able to make transactions at the point of sale. Where these are significant in extent and duration, they can affect the published results for the ECT series. The last significant outage occurred in December 2005.

## Differences between the ECT series and the Retail Trade Survey

A significant proportion of spending using debit and credit cards takes place in the retail sector. The Retail Trade Survey (RTS) also collects sales information about the retail sector from a monthly sample of retail establishments. Given the similarities in coverage of the two series, it is expected that they may be compared with each other. However, users should be aware that there are a number of differences between the two series that affect comparison between them. These differences are described below.

### Coverage

The RTS includes payments made by cash, cheque, and hire purchase, in addition to electronic card.

| Coverage differences between the electronic card transaction series and the Retail Trade Survey |                              |   |
|---|------------------------------|---|
|   | Cash sale                    | Credit sale                                 |
| Electronic Card Transactions  | Debit card                   | Credit card<br>Charge card                  |
| Retail Trade Survey   | Debit card<br>Cash<br>Cheque | Credit card<br>Charge card<br>Hire purchase |

## **GST**

Electronic card transaction data collected include GST, whereas the RTS collects sales excluding GST. As GST is not separately identified in the data any attempts to adjust the ECT series for GST are approximations only.

### **Timing issues**

- Electronic transactions occur instantly at the point of sale, whereas many retailers operate on an accrual accounting basis (recording a sale before any money has changed hands).
- Instalments on lay-bys may be paid electronically but are not recorded as a sale by the retailer until the goods are picked up.
- Gift vouchers may be purchased electronically but are not recorded as a sale until they are redeemed.

### **Classification issues**

Statistics NZ has developed ECT series that relate to the industry coverage of the RTS. This has been done by matching the industry codes supplied by the respondents to classifications used by Statistics NZ. There are instances where the classification allocations used by the respondents differ from those used by Statistics NZ. This results in some coverage differences at the industry and overall retail level, and potentially some overstatement of the ECT retail industry levels. The impact of this on ECT retail data levels cannot be fully assessed, as source data are only supplied in aggregate form, but retail levels are estimated to be overstated by less than 5 percent.

### **Changes in share of spending by electronic card transactions**

The uptake of electronic transaction technology among retailers and increasing card usage by consumers have led to a greater share of retail sales being by electronic transactions, which results in the ECT series having a much steeper trend than the RTS. This increase in share is slowing over time, particularly in industries where the technology is approaching full coverage. However, it is still impacting on the movements in electronic card transactions. Users should be aware that movements in electronic card transactions are overstated by this increasing share when comparing the ECT series with the RTS.

### **Differences observed in data series**

Statistics NZ has performed an analysis of the ECT series compared with the RTS. The results indicate the following:

- Month-on-month movements in the actual (unadjusted) values of electronic card transactions provide a good indication of the direction of the RTS actuals, as the two series usually move in the same direction.
- Monthly movements in ECT actuals are frequently different in magnitude compared with movements in RTS actuals.
- The differences found in the actuals data flow through to comparisons of the ECT and RTS seasonally adjusted series, which can differ in the direction and size of monthly movement.
- These differences have generally been outside the acceptable tolerances indicated by users for the use of the ECT series as a predictor of movements in the RTS.

Given these differences, Statistics NZ does not recommend using the ECT series as an indicator or predictor of the RTS series.

## Industry group descriptions

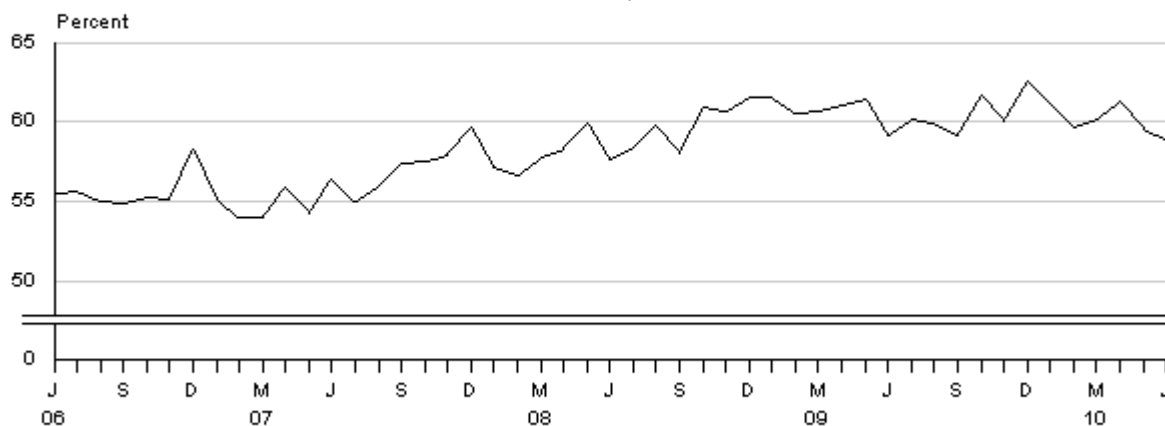
The eight aggregated industry groups commonly referred to in the ECT release text are described in the table below.

| Aggregated industry groups in ECT releases |  |
|--|--|
| Industry group                             | Descriptor   |
| Consumables                                | Includes food and liquor retailing   |
| Durables                                   | Includes furniture, hardware, and appliance retailing; pharmacy, cosmetic, toiletry retailing                  |
| Hospitality                                | Includes accommodation, bars, cafes and restaurants, and takeaway retailing                                    |
| Apparel                                    | Includes clothing, soft-goods, and footwear retailing  |
| Motor vehicles                             | Includes automotive parts and accessories; vehicle and tyre retailing  |
| Fuel                                       | Automotive fuel retailing  |
| Services                                   | Includes personal and household services, including hire and repair; automotive electrical and repair services |
| Non-retail (excl. services)                | Includes travel and health, and wholesaling  |

## Electronic card transactions share of spending

The share of electronic card transactions in the retail industries has been slowly increasing over time. The mean share of the retail spending (excluding GST) for the year ended June 2010 was estimated at 60.3 percent, compared with 60.3 percent in June 2009, and 57.6 percent in June 2008.

**Share of retail spending by electronic card transactions**  
Excluding GST  
Monthly



Source: Statistics New Zealand

## **Privacy, security, and confidentiality**

Privacy, security, and confidentiality are critical to people and businesses, and the Statistics Act 1975 protects the information provided. No information is released from these data that would allow the identification of any individual or merchant.

## **Definitions**

### **ANZSIC**

Australian and New Zealand Standard Industrial Classification.

### **Average transaction value**

The total value of transactions divided by the total number of transactions.

### **Average value of transactions per person**

The total value of transactions divided by the sum of the average resident population and the average number of overseas visitors to New Zealand for the reference year.

### **Average number of transactions per person**

The total number of transactions divided by the sum of the average resident population and the average number of overseas visitors to New Zealand for the reference year.

### **Card-not-present transactions**

Purchases made using a credit card, via telephone, mail order, Internet, or credit card direct debit where the card is not present for the transaction.

### **Cash out**

Cash taken out at a point-of-sale terminal, with or without a purchase.

### **Debit card**

Card used for debiting money directly from a bank account. Also commonly referred to as eftpos, cash, or ATM card.

### **Debit transactions**

Where the purchaser uses the cheque or savings buttons on the point-of-sale terminal.

### **Eftpos**

Electronic funds transfer at point of sale.



## **Share of spending by electronic card transactions**

The share of spending by electronic card transactions is the proportion of total spending that debit and credit card spending makes up. This figure can be approximated by dividing the value of retail electronic card transactions (excluding GST) by total retail sales, as estimated from the RTS.

## **Seasonally adjusted series**

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

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

## **Estimated trend**

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

The trend series are calculated using the X-12-ARIMA seasonal adjustment package. They are based on an 11-, 13-, or 23-month moving average of the seasonally adjusted series, with an adjustment for outlying values.

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

## **More information**

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

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## **Timing**

Timed statistical releases are delivered using postal and electronic services provided by third parties. Delivery of these releases may be delayed by circumstances outside the control of Statistics NZ. Statistics NZ accepts no responsibility for any such delays.

## Tables

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

1. Electronic card transactions – total values
2. Electronic card transactions – retail industry values
3. Electronic card transactions – core retail industry values
4. Electronic card transactions – number of transactions
5. Electronic card transactions – means and proportions
6. Electronic card transactions by industry group – actual values
7. Electronic card transactions by industry group – seasonally adjusted values

## Series available online

The full time series for Electronic Card Transactions can be accessed free of charge from the online [Infoshare](#) database, available from the Statistics NZ website.

To access, click on **Browse**, then choose:

Subject category: **Economic indicators**, then choose: **Electronic Card Transactions**.

The time series can be downloaded in Excel or comma delimited format.

More information about Infoshare can be found on our website.

Table 1

**Electronic card transactions – Total values<sup>(1)</sup>**

|                  |     | Unadjusted values | Seasonally adjusted <sup>(2)</sup> | Change from previous month <sup>(3)</sup> | Trend <sup>(2)</sup> | Change from previous month <sup>(3)</sup> |
|------------------|-----|-------------------|------------------------------------|---|----------------------|---|
| Series ref: ECTM |     | S19A9             | S19S9                              |   | S19T9                |   |
|                  |     | \$(million)       |                                    | Percent                                   | \$(million)          | Percent                                   |
| <b>Month</b>     |     |                   |                                    |   |                      |   |
| 2006             | Oct | 4,117             | 4,196                              | 1.9                                       | 4,186                | 0.8                                       |
|                  | Nov | 4,337             | 4,216                              | 0.5                                       | 4,221                | 0.9                                       |
|                  | Dec | 5,197             | 4,269                              | 1.2                                       | 4,257                | 0.8                                       |
| 2007             | Jan | 4,191             | 4,276                              | 0.2                                       | 4,292                | 0.8                                       |
|                  | Feb | 4,084             | 4,334                              | 1.3                                       | 4,322                | 0.7                                       |
|                  | Mar | 4,552             | 4,349                              | 0.4                                       | 4,352                | 0.7                                       |
|                  | Apr | 4,191             | 4,379                              | 0.7                                       | 4,379                | 0.6                                       |
|                  | May | 4,339             | 4,397                              | 0.4                                       | 4,404                | 0.6                                       |
|                  | Jun | 4,180             | 4,441                              | 1.0                                       | 4,429                | 0.6                                       |
|                  | Jul | 4,322             | 4,446                              | 0.1                                       | 4,454                | 0.6                                       |
|                  | Aug | 4,399             | 4,482                              | 0.8                                       | 4,481                | 0.6                                       |
|                  | Sep | 4,282             | 4,518                              | 0.8                                       | 4,514                | 0.7                                       |
|                  | Oct | 4,494             | 4,529                              | 0.3                                       | 4,554                | 0.9                                       |
|                  | Nov | 4,773             | 4,615                              | 1.9                                       | 4,592                | 0.8                                       |
|                  | Dec | 5,586             | 4,625                              | 0.2                                       | 4,620                | 0.6                                       |
| 2008             | Jan | 4,561             | 4,637                              | 0.3                                       | 4,638                | 0.4                                       |
|                  | Feb | 4,547             | 4,636                              | 0.0                                       | 4,650                | 0.2                                       |
|                  | Mar | 4,720             | 4,592                              | -1.0                                      | 4,660                | 0.2                                       |
|                  | Apr | 4,505             | 4,665                              | 1.6                                       | 4,671                | 0.2                                       |
|                  | May | 4,682             | 4,693                              | 0.6                                       | 4,682                | 0.2                                       |
|                  | Jun | 4,310             | 4,681                              | -0.3                                      | 4,695                | 0.3                                       |
|                  | Jul | 4,635             | 4,706                              | 0.5                                       | 4,710                | 0.3                                       |
|                  | Aug | 4,603             | 4,727                              | 0.5                                       | 4,722                | 0.3                                       |
|                  | Sep | 4,522             | 4,734                              | 0.1                                       | 4,722                | 0.0                                       |
|                  | Oct | 4,795             | 4,788                              | 1.1                                       | 4,705                | -0.4                                      |
|                  | Nov | 4,764             | 4,672                              | -2.4                                      | 4,680                | -0.5                                      |
|                  | Dec | 5,642             | 4,656                              | -0.4                                      | 4,661                | -0.4                                      |
| 2009             | Jan | 4,619             | 4,647                              | -0.2                                      | 4,656                | -0.1                                      |
|                  | Feb | 4,419             | 4,694                              | 1.0                                       | 4,669                | 0.3                                       |
|                  | Mar | 4,780             | 4,668                              | -0.6                                      | 4,690                | 0.5                                       |
|                  | Apr | 4,571             | 4,724                              | 1.2                                       | 4,712                | 0.5                                       |
|                  | May | 4,678             | 4,750                              | 0.6                                       | 4,733                | 0.5                                       |
|                  | Jun | 4,395             | 4,727                              | -0.5                                      | 4,754                | 0.4                                       |
|                  | Jul | 4,734             | 4,783                              | 1.2                                       | 4,772                | 0.4                                       |
|                  | Aug | 4,644             | 4,794                              | 0.2                                       | 4,787                | 0.3                                       |
|                  | Sep | 4,595             | 4,801                              | 0.1                                       | 4,802                | 0.3                                       |
|                  | Oct | 4,848             | 4,813                              | 0.2                                       | 4,819                | 0.4                                       |
|                  | Nov | 4,899             | 4,829                              | 0.3                                       | 4,839                | 0.4                                       |
|                  | Dec | 5,917             | 4,874                              | 0.9                                       | 4,865                | 0.5                                       |
| 2010             | Jan | 4,806             | 4,896                              | 0.5                                       | 4,888                | 0.5                                       |
|                  | Feb | 4,599             | 4,886                              | -0.2                                      | 4,901                | 0.3                                       |
|                  | Mar | 5,101             | 4,932                              | 0.9                                       | 4,906                | 0.1                                       |
|                  | Apr | 4,758             | 4,891                              | -0.8                                      | 4,908                | 0.0                                       |
|                  | May | 4,802             | 4,903                              | 0.2                                       | 4,911                | 0.1                                       |
|                  | Jun | 4,591             | 4,940                              | 0.8                                       | 4,918                | 0.1                                       |
|                  | Jul | 4,898             | 4,925                              | -0.3                                      | 4,936                | 0.4                                       |
|                  | Aug | 4,774             | 4,950                              | 0.5                                       | 4,969                | 0.7                                       |
|                  | Sep | 4,818             | 5,011                              | 1.2                                       | 5,005                | 0.7                                       |
|                  | Oct | 5,036             | 5,064                              | 1.1                                       | 5,044                | 0.8                                       |
|                  | Nov | 5,241             | 5,113                              | 1.0                                       | 5,078                | 0.7                                       |
|                  | Dec | 6,159             | 5,053                              | -1.2                                      | 5,109                | 0.6                                       |
| 2011             | Jan | 5,042             | 5,162                              | 2.2                                       | 5,137                | 0.6                                       |

1. Figures include GST.

2. Figures are subject to revision when the seasonal adjustment program is run each period.

3. Percentage changes are calculated on unrounded numbers.

**Source:** Statistics New Zealand

Table 2

**Electronic card transactions – Retail industry values<sup>(1)(2)</sup>**

|                  |     | Unadjusted values | Seasonally adjusted <sup>(3)</sup> | Change from previous month <sup>(4)</sup> | Trend <sup>(3)</sup> | Change from previous month <sup>(4)</sup> |
|------------------|-----|-------------------|------------------------------------|---|----------------------|---|
| Series ref: ECTM |     | S19A1             | S19S1                              |   | S19T1                |   |
|                  |     | \$(million)       |                                    | Percent                                   | \$(million)          | Percent                                   |
| <b>Month</b>     |     |                   |                                    |   |                      |   |
| 2006             | Oct | 3,130             | 3,153                              | 1.2                                       | 3,145                | 0.5                                       |
|                  | Nov | 3,243             | 3,160                              | 0.2                                       | 3,167                | 0.7                                       |
|                  | Dec | 4,081             | 3,199                              | 1.2                                       | 3,192                | 0.8                                       |
| 2007             | Jan | 3,170             | 3,210                              | 0.4                                       | 3,220                | 0.9                                       |
|                  | Feb | 3,009             | 3,252                              | 1.3                                       | 3,244                | 0.8                                       |
|                  | Mar | 3,372             | 3,266                              | 0.4                                       | 3,265                | 0.7                                       |
|                  | Apr | 3,178             | 3,289                              | 0.7                                       | 3,283                | 0.5                                       |
|                  | May | 3,202             | 3,280                              | -0.3                                      | 3,298                | 0.4                                       |
|                  | Jun | 3,130             | 3,335                              | 1.7                                       | 3,314                | 0.5                                       |
|                  | Jul | 3,181             | 3,321                              | -0.4                                      | 3,333                | 0.6                                       |
|                  | Aug | 3,219             | 3,352                              | 0.9                                       | 3,355                | 0.7                                       |
|                  | Sep | 3,221             | 3,395                              | 1.3                                       | 3,381                | 0.8                                       |
|                  | Oct | 3,372             | 3,384                              | -0.3                                      | 3,408                | 0.8                                       |
|                  | Nov | 3,564             | 3,451                              | 2.0                                       | 3,433                | 0.7                                       |
|                  | Dec | 4,370             | 3,450                              | 0.0                                       | 3,450                | 0.5                                       |
| 2008             | Jan | 3,438             | 3,461                              | 0.3                                       | 3,459                | 0.3                                       |
|                  | Feb | 3,333             | 3,462                              | 0.0                                       | 3,464                | 0.1                                       |
|                  | Mar | 3,527             | 3,467                              | 0.1                                       | 3,469                | 0.2                                       |
|                  | Apr | 3,364             | 3,471                              | 0.1                                       | 3,480                | 0.3                                       |
|                  | May | 3,480             | 3,512                              | 1.2                                       | 3,496                | 0.4                                       |
|                  | Jun | 3,214             | 3,500                              | -0.4                                      | 3,513                | 0.5                                       |
|                  | Jul | 3,408             | 3,531                              | 0.9                                       | 3,530                | 0.5                                       |
|                  | Aug | 3,414             | 3,549                              | 0.5                                       | 3,543                | 0.4                                       |
|                  | Sep | 3,347             | 3,541                              | -0.2                                      | 3,547                | 0.1                                       |
|                  | Oct | 3,593             | 3,565                              | 0.7                                       | 3,540                | -0.2                                      |
|                  | Nov | 3,606             | 3,508                              | -1.6                                      | 3,528                | -0.4                                      |
|                  | Dec | 4,439             | 3,524                              | 0.4                                       | 3,519                | -0.2                                      |
| 2009             | Jan | 3,537             | 3,507                              | -0.5                                      | 3,519                | 0.0                                       |
|                  | Feb | 3,278             | 3,541                              | 1.0                                       | 3,528                | 0.3                                       |
|                  | Mar | 3,564             | 3,533                              | -0.2                                      | 3,542                | 0.4                                       |
|                  | Apr | 3,455             | 3,556                              | 0.7                                       | 3,552                | 0.3                                       |
|                  | May | 3,514             | 3,573                              | 0.5                                       | 3,561                | 0.3                                       |
|                  | Jun | 3,269             | 3,551                              | -0.6                                      | 3,571                | 0.3                                       |
|                  | Jul | 3,479             | 3,588                              | 1.1                                       | 3,582                | 0.3                                       |
|                  | Aug | 3,440             | 3,597                              | 0.3                                       | 3,591                | 0.3                                       |
|                  | Sep | 3,417             | 3,609                              | 0.3                                       | 3,603                | 0.3                                       |
|                  | Oct | 3,664             | 3,601                              | -0.2                                      | 3,617                | 0.4                                       |
|                  | Nov | 3,696             | 3,630                              | 0.8                                       | 3,633                | 0.5                                       |
|                  | Dec | 4,641             | 3,667                              | 1.0                                       | 3,652                | 0.5                                       |
| 2010             | Jan | 3,674             | 3,669                              | 0.1                                       | 3,667                | 0.4                                       |
|                  | Feb | 3,392             | 3,663                              | -0.2                                      | 3,675                | 0.2                                       |
|                  | Mar | 3,780             | 3,736                              | 2.0                                       | 3,677                | 0.1                                       |
|                  | Apr | 3,589             | 3,673                              | -1.7                                      | 3,681                | 0.1                                       |
|                  | May | 3,601             | 3,686                              | 0.3                                       | 3,688                | 0.2                                       |
|                  | Jun | 3,406             | 3,703                              | 0.5                                       | 3,698                | 0.3                                       |
|                  | Jul | 3,631             | 3,711                              | 0.2                                       | 3,714                | 0.4                                       |
|                  | Aug | 3,497             | 3,686                              | -0.7                                      | 3,741                | 0.7                                       |
|                  | Sep | 3,588             | 3,770                              | 2.3                                       | 3,770                | 0.8                                       |
|                  | Oct | 3,841             | 3,804                              | 0.9                                       | 3,799                | 0.8                                       |
|                  | Nov | 3,931             | 3,843                              | 1.0                                       | 3,828                | 0.7                                       |
|                  | Dec | 4,846             | 3,811                              | -0.8                                      | 3,855                | 0.7                                       |
| 2011             | Jan | 3,884             | 3,903                              | 2.4                                       | 3,882                | 0.7                                       |

1. Figures include GST.

2. Represents all electronic transactions for ANZSIC06 industries G and H.

3. Figures are subject to revision when the seasonal adjustment program is run each period.

4. Percentage changes are calculated on unrounded numbers.

Source: Statistics New Zealand

Table 3

**Electronic card transactions – Core retail industry values<sup>(1)(2)</sup>**

|                  |     | Unadjusted values | Seasonally adjusted <sup>(3)</sup> | Change from previous month <sup>(4)</sup> | Trend <sup>(3)</sup> | Change from previous month <sup>(4)</sup> |
|------------------|-----|-------------------|------------------------------------|---|----------------------|---|
| Series ref: ECTM |     | S19A2             | S19S2                              |   | S19T2                |   |
|                  |     | \$(million)       |                                    | Percent                                   | \$(million)          | Percent                                   |
| <b>Month</b>     |     |                   |                                    |   |                      |   |
| 2006             | Oct | 2,630             | 2,652                              | 2.2                                       | 2,629                | 0.8                                       |
|                  | Nov | 2,736             | 2,648                              | -0.1                                      | 2,653                | 0.9                                       |
|                  | Dec | 3,537             | 2,673                              | 0.9                                       | 2,676                | 0.9                                       |
| 2007             | Jan | 2,666             | 2,688                              | 0.5                                       | 2,698                | 0.8                                       |
|                  | Feb | 2,517             | 2,731                              | 1.6                                       | 2,717                | 0.7                                       |
|                  | Mar | 2,804             | 2,734                              | 0.1                                       | 2,736                | 0.7                                       |
|                  | Apr | 2,662             | 2,761                              | 1.0                                       | 2,754                | 0.7                                       |
|                  | May | 2,657             | 2,748                              | -0.5                                      | 2,772                | 0.6                                       |
|                  | Jun | 2,612             | 2,804                              | 2.0                                       | 2,787                | 0.6                                       |
|                  | Jul | 2,645             | 2,796                              | -0.3                                      | 2,801                | 0.5                                       |
|                  | Aug | 2,670             | 2,817                              | 0.8                                       | 2,813                | 0.4                                       |
|                  | Sep | 2,675             | 2,838                              | 0.7                                       | 2,823                | 0.3                                       |
|                  | Oct | 2,800             | 2,806                              | -1.1                                      | 2,830                | 0.2                                       |
|                  | Nov | 2,952             | 2,843                              | 1.3                                       | 2,835                | 0.2                                       |
|                  | Dec | 3,736             | 2,842                              | -0.1                                      | 2,839                | 0.1                                       |
| 2008             | Jan | 2,823             | 2,835                              | -0.2                                      | 2,842                | 0.1                                       |
|                  | Feb | 2,737             | 2,852                              | 0.6                                       | 2,842                | 0.0                                       |
|                  | Mar | 2,880             | 2,841                              | -0.4                                      | 2,841                | 0.0                                       |
|                  | Apr | 2,738             | 2,835                              | -0.2                                      | 2,841                | 0.0                                       |
|                  | May | 2,807             | 2,854                              | 0.7                                       | 2,842                | 0.1                                       |
|                  | Jun | 2,573             | 2,830                              | -0.8                                      | 2,848                | 0.2                                       |
|                  | Jul | 2,716             | 2,849                              | 0.7                                       | 2,859                | 0.4                                       |
|                  | Aug | 2,752             | 2,893                              | 1.5                                       | 2,875                | 0.5                                       |
|                  | Sep | 2,699             | 2,883                              | -0.4                                      | 2,893                | 0.6                                       |
|                  | Oct | 2,945             | 2,919                              | 1.3                                       | 2,911                | 0.6                                       |
|                  | Nov | 3,027             | 2,921                              | 0.1                                       | 2,927                | 0.5                                       |
|                  | Dec | 3,856             | 2,951                              | 1.0                                       | 2,940                | 0.5                                       |
| 2009             | Jan | 2,991             | 2,954                              | 0.1                                       | 2,953                | 0.4                                       |
|                  | Feb | 2,729             | 2,959                              | 0.2                                       | 2,965                | 0.4                                       |
|                  | Mar | 2,970             | 2,963                              | 0.1                                       | 2,977                | 0.4                                       |
|                  | Apr | 2,899             | 2,995                              | 1.1                                       | 2,989                | 0.4                                       |
|                  | May | 2,953             | 3,021                              | 0.8                                       | 3,001                | 0.4                                       |
|                  | Jun | 2,718             | 2,990                              | -1.0                                      | 3,011                | 0.3                                       |
|                  | Jul | 2,902             | 3,023                              | 1.1                                       | 3,019                | 0.3                                       |
|                  | Aug | 2,867             | 3,032                              | 0.3                                       | 3,024                | 0.2                                       |
|                  | Sep | 2,844             | 3,028                              | -0.1                                      | 3,026                | 0.1                                       |
|                  | Oct | 3,080             | 3,026                              | -0.1                                      | 3,028                | 0.1                                       |
|                  | Nov | 3,099             | 3,023                              | -0.1                                      | 3,031                | 0.1                                       |
|                  | Dec | 3,987             | 3,043                              | 0.7                                       | 3,034                | 0.1                                       |
| 2010             | Jan | 3,058             | 3,035                              | -0.3                                      | 3,038                | 0.1                                       |
|                  | Feb | 2,797             | 3,033                              | -0.1                                      | 3,044                | 0.2                                       |
|                  | Mar | 3,105             | 3,080                              | 1.5                                       | 3,053                | 0.3                                       |
|                  | Apr | 2,958             | 3,045                              | -1.1                                      | 3,065                | 0.4                                       |
|                  | May | 2,985             | 3,072                              | 0.9                                       | 3,080                | 0.5                                       |
|                  | Jun | 2,823             | 3,104                              | 1.0                                       | 3,098                | 0.6                                       |
|                  | Jul | 3,034             | 3,131                              | 0.9                                       | 3,118                | 0.6                                       |
|                  | Aug | 2,912             | 3,116                              | -0.5                                      | 3,137                | 0.6                                       |
|                  | Sep | 2,989             | 3,168                              | 1.7                                       | 3,154                | 0.5                                       |
|                  | Oct | 3,211             | 3,174                              | 0.2                                       | 3,168                | 0.4                                       |
|                  | Nov | 3,279             | 3,190                              | 0.5                                       | 3,180                | 0.4                                       |
|                  | Dec | 4,144             | 3,139                              | -1.6                                      | 3,190                | 0.3                                       |
| 2011             | Jan | 3,218             | 3,213                              | 2.4                                       | 3,198                | 0.3                                       |

1. Figures include GST.

2. Represents all electronic transactions for ANZSIC06 industries G and H, excluding the motor vehicle-related industries.

3. Figures are subject to revision when the seasonal adjustment program is run each period.

4. Percentage changes are calculated on unrounded numbers.

**Source:** Statistics New Zealand

Table 4

**Electronic card transactions – Number of transactions**

|                  |     | Unadjusted total<br>number of<br>transactions | Change from<br>same month<br>previous year <sup>(1)</sup> | Unadjusted retail<br>industry number<br>of transactions | Change from<br>same month<br>previous year <sup>(1)</sup> | Unadjusted core<br>retail industry<br>number of<br>transactions | Change from<br>same month<br>previous year <sup>(1)</sup> |
|------------------|-----|---|---|---|---|---|---|
| Series ref: ECTM |     | S29A9   |   | S29A1   |   | S29A2   |   |
|                  |     | (million)                                     | Percent   | (million)   | Percent   | (million)   | Percent   |
| <b>Month</b>     |     |   |   |   |   |   |   |
| 2006             | Oct | 75  | 7.7   | 65  | 7.1   | 54  | 8.2   |
|                  | Nov | 77  | 8.3   | 66  | 7.9   | 55  | 8.6   |
|                  | Dec | 88  | 8.5   | 76  | 8.2   | 65  | 8.8   |
| 2007             | Jan | 76  | 9.2   | 65  | 8.4   | 54  | 9.4   |
|                  | Feb | 73  | 9.8   | 62  | 9.4   | 52  | 10.6  |
|                  | Mar | 81  | 9.9   | 70  | 9.5   | 58  | 10.5  |
|                  | Apr | 76  | 8.8   | 65  | 8.0   | 55  | 8.9   |
|                  | May | 80  | 10.5  | 68  | 9.7   | 57  | 10.6  |
|                  | Jun | 77  | 9.4   | 66  | 8.6   | 55  | 10.0  |
|                  | Jul | 79  | 8.6   | 67  | 7.5   | 56  | 8.7   |
|                  | Aug | 81  | 10.9  | 69  | 9.9   | 58  | 11.3  |
|                  | Sep | 79  | 8.7   | 68  | 8.1   | 57  | 8.6   |
|                  | Oct | 83  | 9.6   | 71  | 8.9   | 59  | 9.0   |
|                  | Nov | 85  | 10.6  | 73  | 10.1  | 61  | 10.3  |
|                  | Dec | 95  | 8.3   | 82  | 7.8   | 70  | 8.0   |
| 2008             | Jan | 83  | 9.7   | 71  | 9.1   | 59  | 9.2   |
|                  | Feb | 81  | 11.9  | 69  | 11.1  | 58  | 11.6  |
|                  | Mar | 85  | 4.9   | 73  | 4.3   | 61  | 4.3   |
|                  | Apr | 83  | 8.7   | 71  | 7.9   | 59  | 8.7   |
|                  | May | 86  | 7.9   | 73  | 7.5   | 62  | 8.0   |
|                  | Jun | 80  | 3.1   | 68  | 2.3   | 57  | 2.6   |
|                  | Jul | 84  | 6.5   | 71  | 5.8   | 60  | 6.4   |
|                  | Aug | 85  | 4.9   | 72  | 4.7   | 61  | 5.5   |
|                  | Sep | 84  | 5.8   | 71  | 4.9   | 60  | 5.6   |
|                  | Oct | 90  | 9.0   | 76  | 8.0   | 65  | 9.2   |
|                  | Nov | 88  | 3.6   | 76  | 4.4   | 65  | 6.2   |
|                  | Dec | 99  | 4.1   | 86  | 5.0   | 74  | 6.6   |
| 2009             | Jan | 87  | 5.4   | 75  | 6.8   | 64  | 8.9   |
|                  | Feb | 81  | 0.3   | 70  | 1.3   | 59  | 2.4   |
|                  | Mar | 90  | 5.5   | 77  | 6.3   | 66  | 8.3   |
|                  | Apr | 88  | 5.4   | 75  | 6.2   | 64  | 7.6   |
|                  | May | 91  | 5.3   | 78  | 6.1   | 67  | 7.8   |
|                  | Jun | 85  | 7.2   | 72  | 7.3   | 62  | 8.6   |
|                  | Jul | 91  | 7.7   | 77  | 8.6   | 66  | 10.1  |
|                  | Aug | 90  | 6.0   | 77  | 7.0   | 66  | 8.0   |
|                  | Sep | 90  | 7.1   | 77  | 7.9   | 65  | 8.9   |
|                  | Oct | 95  | 5.0   | 81  | 6.3   | 69  | 7.2   |
|                  | Nov | 93  | 5.1   | 80  | 4.8   | 68  | 4.7   |
|                  | Dec | 106   | 6.6   | 91  | 6.1   | 79  | 5.7   |
| 2010             | Jan | 92  | 5.4   | 79  | 4.8   | 67  | 4.5   |
|                  | Feb | 87  | 6.8   | 75  | 6.6   | 63  | 6.6   |
|                  | Mar | 97  | 8.0   | 83  | 7.4   | 71  | 7.3   |
|                  | Apr | 93  | 5.8   | 79  | 5.5   | 67  | 5.3   |
|                  | May | 94  | 3.7   | 81  | 3.9   | 69  | 3.9   |
|                  | Jun | 90  | 5.9   | 77  | 6.4   | 66  | 6.9   |
|                  | Jul | 97  | 6.2   | 82  | 6.4   | 71  | 7.3   |
|                  | Aug | 94  | 3.8   | 80  | 3.3   | 69  | 4.1   |
|                  | Sep | 94  | 4.8   | 80  | 4.6   | 69  | 5.4   |
|                  | Oct | 100   | 5.8   | 86  | 6.1   | 74  | 7.0   |
|                  | Nov | 99  | 7.2   | 85  | 7.5   | 74  | 8.3   |
|                  | Dec | 111   | 4.6   | 96  | 4.8   | 83  | 5.7   |
| 2011             | Jan | 97  | 4.8   | 83  | 5.3   | 71  | 6.2   |

1. Percentage changes are calculated on unrounded numbers.

Source: Statistics New Zealand

Table 5

## Electronic card transactions – Means and proportions

| Series ref: ECT         | Mean transaction value | Mean value of transactions per person <sup>(1)(2)</sup> | Mean number of transactions per person <sup>(1)(2)</sup> | Debit proportion of total | Credit proportion of total | ECT retail proportion of RTS total <sup>(2)(3)</sup> | ECT core proportion of RTS core <sup>(2)(3)</sup> |      |
|-------------------------|------------------------|---|--|---------------------------|----------------------------|--|---|------|
|                         | S4A1V                  | S4A2V   | S4A3N  | S4AXP                     | S4AWP                      | S4ARP  | S4ACP   |      |
|                         | \$ <sup>(4)</sup>      |   | Number   | Percent                   |                            |  |   |      |
| <b>Year ended March</b> |                        |   |  |                           |                            |  |   |      |
| 2006                    | 55                     | 10,685  | 194  | 53.3                      | 46.7                       | 54.0   | 59.7  |      |
| 2007                    | 56                     | 11,584  | 208  | 53.1                      | 46.9                       | 55.4   | 60.3  |      |
| 2008                    | 55                     | 12,418  | 225  | 53.4                      | 46.6                       | 56.9   | 62.6  |      |
| 2009                    | 54                     | 12,740  | 235  | 54.2                      | 45.8                       | 59.8   | 64.2  |      |
| 2010                    | 52                     | 12,924  | 247  | 55.8                      | 44.2                       | 60.5   | 64.5  |      |
| <b>Quarter</b>          |                        |   |  |                           |                            |  |   |      |
| 2007                    | Mar                    | 56  | 2,918  | 52                        | 52.2                       | 47.8   | 54.3  | 59.4 |
|                         | Jun                    | 54  | 2,944  | 54                        | 54.4                       | 45.6   | 55.5  | 61.3 |
|                         | Sep                    | 54  | 2,998  | 55                        | 54.3                       | 45.7   | 56.1  | 62.4 |
|                         | Dec                    | 56  | 3,362  | 60                        | 52.8                       | 47.2   | 58.4  | 64.0 |
| 2008                    | Mar                    | 55  | 3,108  | 56                        | 52.3                       | 47.7   | 57.2  | 62.5 |
|                         | Jun                    | 54  | 3,094  | 57                        | 54.0                       | 46.0   | 58.6  | 63.3 |
|                         | Sep                    | 54  | 3,143  | 58                        | 54.2                       | 45.8   | 58.7  | 63.1 |
|                         | Dec                    | 55  | 3,412  | 62                        | 54.3                       | 45.7   | 61.1  | 65.4 |
| 2009                    | Mar                    | 53  | 3,089  | 58                        | 54.2                       | 45.8   | 60.9  | 65.0 |
|                         | Jun                    | 52  | 3,098  | 60                        | 56.5                       | 43.5   | 60.5  | 64.9 |
|                         | Sep                    | 52  | 3,156  | 61                        | 56.5                       | 43.5   | 59.7  | 63.8 |
|                         | Dec                    | 53  | 3,467  | 65                        | 55.4                       | 44.6   | 61.5  | 65.1 |
| 2010                    | Mar                    | 52  | 3,197  | 61                        | 55.1                       | 44.9   | 60.3  | 64.3 |
|                         | Jun                    | 51  | 3,177  | 62                        | 57.0                       | 43.0   | 59.9  | 64.6 |
|                         | Sep                    | 51  | 3,234  | 64                        | 57.3                       | 42.7   | 60.1  | 64.9 |
|                         | Dec                    | 53  | ..   | ..                        | 56.4                       | 43.6   | ..  | ..   |
| <b>Month</b>            |                        |   |  |                           |                            |  |   |      |
| 2009                    | Jan                    | 53  | ..   | ..                        | 55.1                       | 44.9   | 61.5  | 65.6 |
|                         | Feb                    | 54  | ..   | ..                        | 53.6                       | 46.4   | 60.5  | 64.4 |
|                         | Mar                    | 53  | ..   | ..                        | 54.0                       | 46.0   | 60.7  | 64.9 |
|                         | Apr                    | 52  | ..   | ..                        | 56.0                       | 44.0   | 61.1  | 65.5 |
|                         | May                    | 51  | ..   | ..                        | 56.9                       | 43.1   | 61.4  | 65.7 |
|                         | Jun                    | 51  | ..   | ..                        | 56.6                       | 43.4   | 59.1  | 63.5 |
|                         | Jul                    | 52  | ..   | ..                        | 56.3                       | 43.7   | 60.2  | 64.6 |
|                         | Aug                    | 51  | ..   | ..                        | 56.8                       | 43.2   | 59.9  | 63.6 |
|                         | Sep                    | 51  | ..   | ..                        | 56.4                       | 43.6   | 59.1  | 63.2 |
|                         | Oct                    | 51  | ..   | ..                        | 56.4                       | 43.6   | 61.6  | 65.5 |
|                         | Nov                    | 53  | ..   | ..                        | 54.9                       | 45.1   | 60.0  | 63.5 |
|                         | Dec                    | 56  | ..   | ..                        | 54.9                       | 45.1   | 62.6  | 66.0 |
| 2010                    | Jan                    | 52  | ..   | ..                        | 55.8                       | 44.2   | 61.1  | 65.0 |
|                         | Feb                    | 53  | ..   | ..                        | 54.6                       | 45.4   | 59.7  | 63.6 |
|                         | Mar                    | 52  | ..   | ..                        | 54.8                       | 45.2   | 60.2  | 64.4 |
|                         | Apr                    | 51  | ..   | ..                        | 56.7                       | 43.3   | 61.3  | 64.9 |
|                         | May                    | 51  | ..   | ..                        | 57.1                       | 42.9   | 59.6  | 65.2 |
|                         | Jun                    | 51  | ..   | ..                        | 57.2                       | 42.8   | 58.9  | 63.6 |
|                         | Jul                    | 51  | ..   | ..                        | 57.5                       | 42.5   | 61.1  | 66.0 |
|                         | Aug                    | 51  | ..   | ..                        | 57.4                       | 42.6   | 59.8  | 64.5 |
|                         | Sep                    | 51  | ..   | ..                        | 56.9                       | 43.1   | 59.3  | 64.2 |
|                         | Oct                    | 50  | ..   | ..                        | 57.6                       | 42.4   | 62.9  | 66.3 |
|                         | Nov                    | 53  | ..   | ..                        | 55.6                       | 44.4   | 60.9  | 65.4 |
|                         | Dec                    | 56  | ..   | ..                        | 56.0                       | 44.0   | ..  | ..   |
| 2011                    | Jan                    | 52  | ..   | ..                        | 56.4                       | 43.6   | ..  | ..   |

1. Population estimates are only published quarterly – monthly figures are not available.

2. Latest period information has not yet been published.

3. Figures are calculated from published figures – GST has been removed from ECT, RTS excludes GST.

4. Figures include GST.

**Note:** RTS – Retail Trade Survey

**Symbol:**

.. figure not available

**Source:** Statistics New Zealand



Table 6

**Electronic card transactions by industry group – Actual values<sup>(1)</sup>**

| Industry         | Consumables | Durables | Hospitality | Apparel | Vehicles<br>(excluding<br>fuel) | Fuel  | Services | Non-retail<br>(excluding<br>services) | Total |       |
|------------------|-------------|----------|-------------|---------|---------------------------------|-------|----------|---------------------------------------|-------|-------|
| Series ref: ECTM | S1GA1       | S1GA2    | S1GA3       | S1GA5   | S1GA6                           | S1GA7 | S1GA4    | S1GA8                                 | S19A9 |       |
| \$(million)      |             |          |             |         |                                 |       |          |                                       |       |       |
| <b>Month</b>     |             |          |             |         |                                 |       |          |                                       |       |       |
| 2009             | Jan         | 1,246    | 933         | 566     | 245                             | 95    | 450      | 129                                   | 953   | 4,619 |
|                  | Feb         | 1,143    | 846         | 520     | 219                             | 88    | 461      | 129                                   | 1,011 | 4,419 |
|                  | Mar         | 1,238    | 916         | 557     | 257                             | 98    | 495      | 144                                   | 1,071 | 4,780 |
|                  | Apr         | 1,216    | 893         | 519     | 268                             | 92    | 463      | 139                                   | 977   | 4,571 |
|                  | May         | 1,241    | 920         | 510     | 280                             | 94    | 467      | 143                                   | 1,020 | 4,678 |
|                  | Jun         | 1,178    | 846         | 455     | 238                             | 90    | 460      | 138                                   | 988   | 4,395 |
|                  | Jul         | 1,234    | 902         | 520     | 244                             | 98    | 479      | 152                                   | 1,102 | 4,734 |
|                  | Aug         | 1,250    | 876         | 517     | 221                             | 93    | 479      | 141                                   | 1,063 | 4,644 |
|                  | Sep         | 1,221    | 886         | 502     | 231                             | 96    | 477      | 147                                   | 1,031 | 4,595 |
|                  | Oct         | 1,300    | 971         | 552     | 252                             | 99    | 485      | 151                                   | 1,033 | 4,848 |
|                  | Nov         | 1,277    | 1,016       | 538     | 259                             | 97    | 500      | 148                                   | 1,054 | 4,899 |
|                  | Dec         | 1,532    | 1,472       | 592     | 383                             | 115   | 539      | 173                                   | 1,103 | 5,917 |
| 2010             | Jan         | 1,284    | 932         | 591     | 244                             | 97    | 520      | 132                                   | 999   | 4,806 |
|                  | Feb         | 1,197    | 836         | 542     | 215                             | 92    | 503      | 137                                   | 1,070 | 4,599 |
|                  | Mar         | 1,312    | 946         | 582     | 256                             | 106   | 569      | 159                                   | 1,162 | 5,101 |
|                  | Apr         | 1,242    | 888         | 546     | 272                             | 95    | 536      | 144                                   | 1,024 | 4,758 |
|                  | May         | 1,265    | 910         | 525     | 276                             | 95    | 521      | 145                                   | 1,056 | 4,802 |
|                  | Jun         | 1,211    | 862         | 485     | 252                             | 95    | 488      | 146                                   | 1,038 | 4,591 |
|                  | Jul         | 1,302    | 918         | 554     | 251                             | 100   | 498      | 156                                   | 1,111 | 4,898 |
|                  | Aug         | 1,294    | 865         | 525     | 219                             | 97    | 488      | 149                                   | 1,127 | 4,774 |
|                  | Sep         | 1,302    | 924         | 524     | 229                             | 101   | 498      | 154                                   | 1,076 | 4,818 |
|                  | Oct         | 1,412    | 949         | 580     | 260                             | 98    | 533      | 153                                   | 1,042 | 5,036 |
|                  | Nov         | 1,404    | 1,027       | 562     | 275                             | 106   | 546      | 163                                   | 1,147 | 5,241 |
|                  | Dec         | 1,646    | 1,477       | 622     | 389                             | 116   | 587      | 183                                   | 1,130 | 6,159 |
| 2011             | Jan         | 1,400    | 940         | 619     | 250                             | 98    | 568      | 137                                   | 1,021 | 5,042 |

**Percentage change from same month previous year<sup>(2)</sup>**

|              |     |      |      |      |      |      |       |      |      |      |
|--------------|-----|------|------|------|------|------|-------|------|------|------|
| <b>Month</b> |     |      |      |      |      |      |       |      |      |      |
| 2009         | Jan | 9.9  | 1.7  | 4.9  | 5.9  | 0.4  | -13.4 | 3.5  | -4.6 | 1.3  |
|              | Feb | 4.1  | -4.6 | -2.3 | 0.1  | -3.8 | -8.5  | -1.6 | -6.6 | -2.8 |
|              | Mar | 6.0  | -0.2 | 0.3  | 8.5  | 6.3  | -10.5 | 11.6 | 0.7  | 1.3  |
|              | Apr | 11.5 | 1.2  | 3.7  | 2.1  | 0.5  | -13.1 | 2.8  | -2.9 | 1.5  |
|              | May | 9.2  | 0.8  | 3.7  | 5.8  | 0.6  | -19.4 | 0.6  | -3.7 | -0.1 |
|              | Jun | 10.7 | 1.3  | 1.4  | 5.8  | 8.5  | -17.5 | 8.8  | 2.1  | 2.0  |
|              | Jul | 11.2 | 1.7  | 6.5  | 6.4  | 9.1  | -20.5 | 6.5  | 1.6  | 2.1  |
|              | Aug | 8.1  | 0.0  | 2.9  | 2.9  | 4.8  | -16.4 | 2.9  | 1.1  | 0.9  |
|              | Sep | 7.7  | 1.5  | 5.4  | 8.0  | 5.4  | -14.3 | 5.5  | -0.5 | 1.6  |
|              | Oct | 6.4  | 1.1  | 5.8  | 5.0  | 5.3  | -12.6 | 4.3  | -2.3 | 1.1  |
|              | Nov | 3.0  | 1.0  | 2.2  | 2.2  | 3.6  | 3.2   | 6.7  | 3.5  | 2.8  |
|              | Dec | 6.3  | -0.4 | 4.7  | 3.7  | 4.7  | 13.9  | 7.5  | 5.8  | 4.9  |
| 2010         | Jan | 3.0  | -0.1 | 4.5  | -0.5 | 1.6  | 15.4  | 2.2  | 4.9  | 4.0  |
|              | Feb | 4.7  | -1.1 | 4.3  | -1.5 | 3.5  | 9.0   | 6.2  | 5.8  | 4.1  |
|              | Mar | 6.0  | 3.3  | 4.4  | -0.5 | 8.2  | 14.9  | 10.5 | 8.4  | 6.7  |
|              | Apr | 2.1  | -0.6 | 5.3  | 1.6  | 3.1  | 15.6  | 3.7  | 4.8  | 4.1  |
|              | May | 1.9  | -1.1 | 3.1  | -1.3 | 0.8  | 11.6  | 1.2  | 3.5  | 2.7  |
|              | Jun | 2.8  | 1.9  | 6.7  | 6.3  | 5.5  | 6.0   | 5.8  | 5.1  | 4.5  |
|              | Jul | 5.5  | 1.8  | 6.5  | 3.0  | 2.1  | 4.0   | 2.4  | 0.8  | 3.5  |
|              | Aug | 3.5  | -1.3 | 1.5  | -1.1 | 3.5  | 1.8   | 5.5  | 6.0  | 2.8  |
|              | Sep | 6.6  | 4.3  | 4.4  | -0.9 | 5.3  | 4.3   | 5.2  | 4.3  | 4.8  |
|              | Oct | 8.6  | -2.3 | 5.1  | 3.2  | -1.1 | 9.9   | 1.0  | 0.9  | 3.9  |
|              | Nov | 9.9  | 1.0  | 4.6  | 6.1  | 8.5  | 9.2   | 9.8  | 8.9  | 7.0  |
|              | Dec | 7.4  | 0.3  | 5.1  | 1.7  | 1.1  | 8.8   | 6.0  | 2.4  | 4.1  |
| 2011         | Jan | 9.0  | 0.9  | 4.6  | 2.4  | 1.2  | 9.4   | 3.3  | 2.2  | 4.9  |

1. Figures include GST.

2. Percentage changes are calculated on unrounded numbers.

Source: Statistics New Zealand

Table 7

**Electronic card transactions by industry group – Seasonally adjusted values<sup>(1)</sup>**

| Industry         | Consumables | Durables | Hospitality | Apparel | Vehicles (excluding fuel) | Fuel  | Services | Non-retail (excluding services) | Total <sup>(2)</sup> |       |
|------------------|-------------|----------|-------------|---------|---------------------------|-------|----------|---------------------------------|----------------------|-------|
| Series ref: ECTM | S1GS1       | S1GS2    | S1GS3       | S1GS5   | S1GS6                     | S1GS7 | S1GS4    | S1GS8                           | S19S9                |       |
| \$(million)      |             |          |             |         |                           |       |          |                                 |                      |       |
| <b>Month</b>     |             |          |             |         |                           |       |          |                                 |                      |       |
| 2009             | Jan         | 1,225    | 956         | 517     | 255                       | 94    | 465      | 141                             | 999                  | 4,647 |
|                  | Feb         | 1,224    | 957         | 517     | 260                       | 95    | 489      | 141                             | 1,011                | 4,694 |
|                  | Mar         | 1,221    | 950         | 522     | 262                       | 95    | 466      | 141                             | 1,012                | 4,668 |
|                  | Apr         | 1,257    | 959         | 524     | 257                       | 96    | 465      | 141                             | 1,022                | 4,724 |
|                  | May         | 1,263    | 962         | 530     | 259                       | 96    | 458      | 144                             | 1,034                | 4,750 |
|                  | Jun         | 1,266    | 946         | 524     | 249                       | 96    | 469      | 145                             | 1,035                | 4,727 |
|                  | Jul         | 1,274    | 955         | 533     | 259                       | 97    | 467      | 146                             | 1,049                | 4,783 |
|                  | Aug         | 1,274    | 959         | 535     | 260                       | 98    | 474      | 146                             | 1,053                | 4,794 |
|                  | Sep         | 1,276    | 956         | 537     | 260                       | 96    | 481      | 146                             | 1,046                | 4,801 |
|                  | Oct         | 1,260    | 959         | 538     | 257                       | 99    | 489      | 148                             | 1,056                | 4,812 |
|                  | Nov         | 1,260    | 963         | 535     | 260                       | 97    | 508      | 149                             | 1,045                | 4,829 |
|                  | Dec         | 1,278    | 964         | 540     | 263                       | 99    | 526      | 149                             | 1,050                | 4,874 |
| 2010             | Jan         | 1,273    | 958         | 539     | 256                       | 99    | 537      | 149                             | 1,077                | 4,896 |
|                  | Feb         | 1,282    | 947         | 540     | 256                       | 98    | 534      | 150                             | 1,071                | 4,886 |
|                  | Mar         | 1,292    | 970         | 547     | 257                       | 99    | 536      | 151                             | 1,067                | 4,932 |
|                  | Apr         | 1,281    | 949         | 549     | 255                       | 98    | 538      | 145                             | 1,069                | 4,891 |
|                  | May         | 1,291    | 959         | 551     | 262                       | 98    | 511      | 149                             | 1,072                | 4,903 |
|                  | Jun         | 1,302    | 964         | 556     | 264                       | 101   | 498      | 151                             | 1,086                | 4,940 |
|                  | Jul         | 1,330    | 966         | 560     | 261                       | 100   | 485      | 151                             | 1,069                | 4,925 |
|                  | Aug         | 1,328    | 956         | 553     | 260                       | 100   | 484      | 152                             | 1,106                | 4,950 |
|                  | Sep         | 1,350    | 999         | 556     | 262                       | 102   | 500      | 153                             | 1,088                | 5,011 |
|                  | Oct         | 1,382    | 942         | 563     | 267                       | 100   | 536      | 154                             | 1,095                | 5,064 |
|                  | Nov         | 1,381    | 965         | 567     | 269                       | 101   | 556      | 157                             | 1,106                | 5,113 |
|                  | Dec         | 1,373    | 957         | 561     | 264                       | 99    | 572      | 156                             | 1,074                | 5,053 |
| 2011             | Jan         | 1,392    | 974         | 571     | 269                       | 101   | 586      | 157                             | 1,103                | 5,162 |

**Percentage change from previous month<sup>(3)</sup>**

|              |     |      |      |      |      |      |      |      |      |      |
|--------------|-----|------|------|------|------|------|------|------|------|------|
| <b>Month</b> |     |      |      |      |      |      |      |      |      |      |
| 2009         | Jan | 0.9  | -1.1 | -0.2 | 0.6  | 0.0  | 0.3  | 0.5  | 1.4  | -0.2 |
|              | Feb | 0.0  | 0.2  | 0.0  | 1.9  | 0.6  | 5.3  | 0.2  | 1.3  | 1.0  |
|              | Mar | -0.3 | -0.8 | 0.8  | 0.8  | 0.1  | -4.7 | 0.4  | 0.0  | -0.6 |
|              | Apr | 2.9  | 1.0  | 0.4  | -2.2 | 0.8  | -0.2 | 0.1  | 1.0  | 1.2  |
|              | May | 0.5  | 0.3  | 1.1  | 0.9  | 0.3  | -1.7 | 1.7  | 1.1  | 0.6  |
|              | Jun | 0.2  | -1.7 | -1.0 | -3.8 | -0.2 | 2.5  | 0.5  | 0.1  | -0.5 |
|              | Jul | 0.7  | 1.0  | 1.6  | 3.9  | 1.6  | -0.5 | 0.8  | 1.4  | 1.2  |
|              | Aug | 0.0  | 0.5  | 0.5  | 0.7  | 0.2  | 1.7  | 0.2  | 0.4  | 0.2  |
|              | Sep | 0.2  | -0.3 | 0.4  | -0.1 | -1.2 | 1.4  | 0.1  | -0.7 | 0.1  |
|              | Oct | -1.3 | 0.3  | 0.2  | -1.3 | 2.2  | 1.7  | 1.2  | 1.0  | 0.2  |
|              | Nov | 0.0  | 0.5  | -0.5 | 1.2  | -1.7 | 4.0  | 0.6  | -1.1 | 0.3  |
|              | Dec | 1.5  | 0.1  | 0.8  | 1.3  | 1.7  | 3.5  | 0.1  | 0.5  | 0.9  |
| 2010         | Jan | -0.4 | -0.6 | -0.1 | -2.7 | 0.0  | 2.0  | 0.1  | 2.6  | 0.5  |
|              | Feb | 0.7  | -1.2 | 0.2  | 0.0  | -0.3 | -0.5 | 0.5  | -0.6 | -0.2 |
|              | Mar | 0.8  | 2.5  | 1.2  | 0.4  | 1.0  | 0.5  | 0.7  | -0.4 | 0.9  |
|              | Apr | -0.8 | -2.2 | 0.5  | -0.8 | -1.1 | 0.2  | -3.4 | 0.2  | -0.8 |
|              | May | 0.7  | 1.0  | 0.3  | 2.6  | 0.2  | -4.9 | 2.2  | 0.3  | 0.2  |
|              | Jun | 0.9  | 0.5  | 1.0  | 1.0  | 2.4  | -2.6 | 1.6  | 1.3  | 0.8  |
|              | Jul | 2.2  | 0.3  | 0.8  | -1.3 | -0.3 | -2.6 | 0.0  | -1.5 | -0.3 |
|              | Aug | -0.2 | -1.0 | -1.4 | -0.4 | -0.2 | -0.1 | 0.5  | 3.4  | 0.5  |
|              | Sep | 1.6  | 4.5  | 0.7  | 0.8  | 2.1  | 3.3  | 1.0  | -1.7 | 1.2  |
|              | Oct | 2.4  | -5.7 | 1.1  | 2.0  | -1.8 | 7.1  | 0.6  | 0.7  | 1.1  |
|              | Nov | -0.1 | 2.4  | 0.7  | 0.5  | 0.8  | 3.7  | 1.9  | 1.0  | 1.0  |
|              | Dec | -0.5 | -0.9 | -1.0 | -1.9 | -1.7 | 3.0  | -0.8 | -2.9 | -1.2 |
| 2011         | Jan | 1.3  | 1.8  | 1.8  | 2.1  | 1.5  | 2.5  | 0.4  | 2.7  | 2.2  |

1. Figures include GST.

2. This total series is seasonally adjusted directly and may not equal the sum of its seasonally adjusted parts.

3. Percentage changes are calculated on unrounded numbers.

Source: Statistics New Zealand