

Embargoed until 10:45am – 21 November 2008

Electronic Card Transactions: October 2008

Highlights

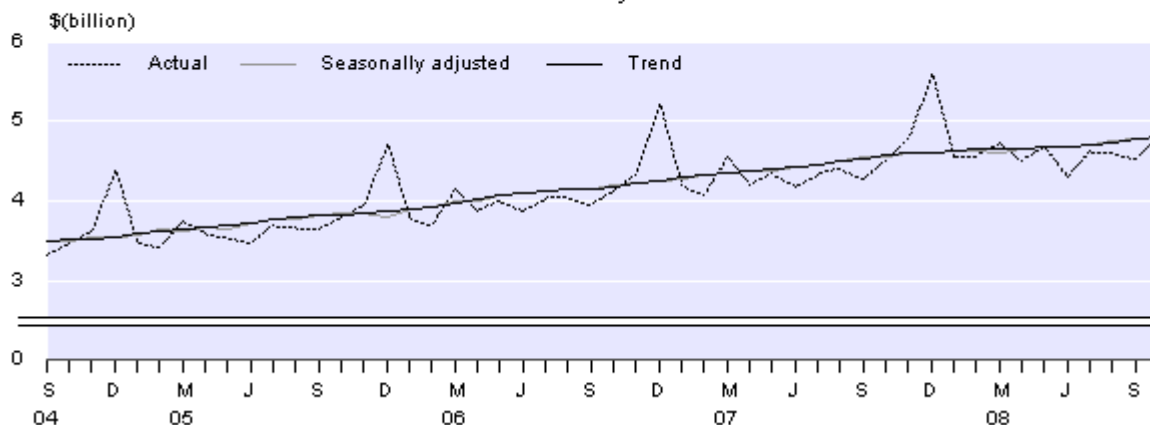
Compared with September 2008 (on a seasonally adjusted basis):

- The value of the total Electronic Card Transaction (ECT) series was 0.5 percent higher.
- The value of the retail ECT series was 0.5 percent higher.
- The value of the core retail ECT series was 1.0 percent higher.

Trends:

- The total ECT trend series flattened between February and June but has been increasing since then.
- The retail ECT trend series flattened between January and April but has been increasing since then.
- The core retail ECT trend series flattened from late 2007 to mid-2008 but has been increasing since then.

Value of Total Electronic Card Transactions
Monthly



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See also [Electronic Card Transactions: October 2008 – Media release](#).

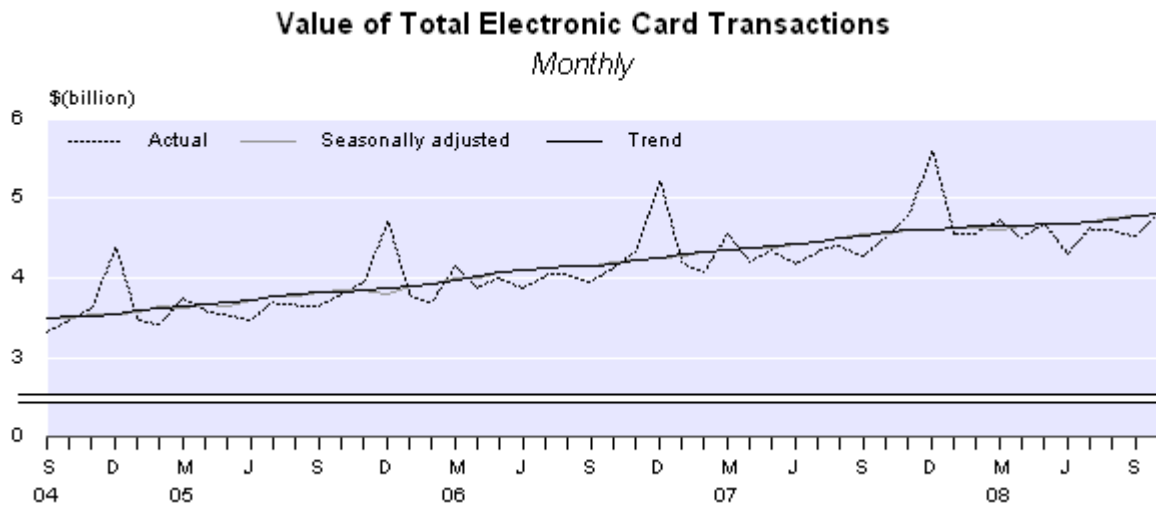
Commentary

Total electronic card transactions

After adjusting for seasonal effects, the total ECT value series was 0.5 percent higher in October 2008 compared with September 2008, which followed on from a 0.8 percent increase in September.

The trend in the total ECT series flattened between February and June 2008 but has strengthened in recent months.

Both retail and non-retail industries increased by a similar proportion in October 2008. The retail industries account for the majority (about 80 percent) of the total ECT value and therefore contributed most to the latest increase.



Electronic card transactions – retail industries

After adjusting for seasonal effects, the retail ECT value series in October 2008 was 0.5 percent higher than in September 2008. Durables, consumables and apparel were the main industries to contribute to the increase, which was partly offset by a decrease in the fuel retailing industry.

The trend in the retail ECT series flattened between January and April 2008 but has increased from then.

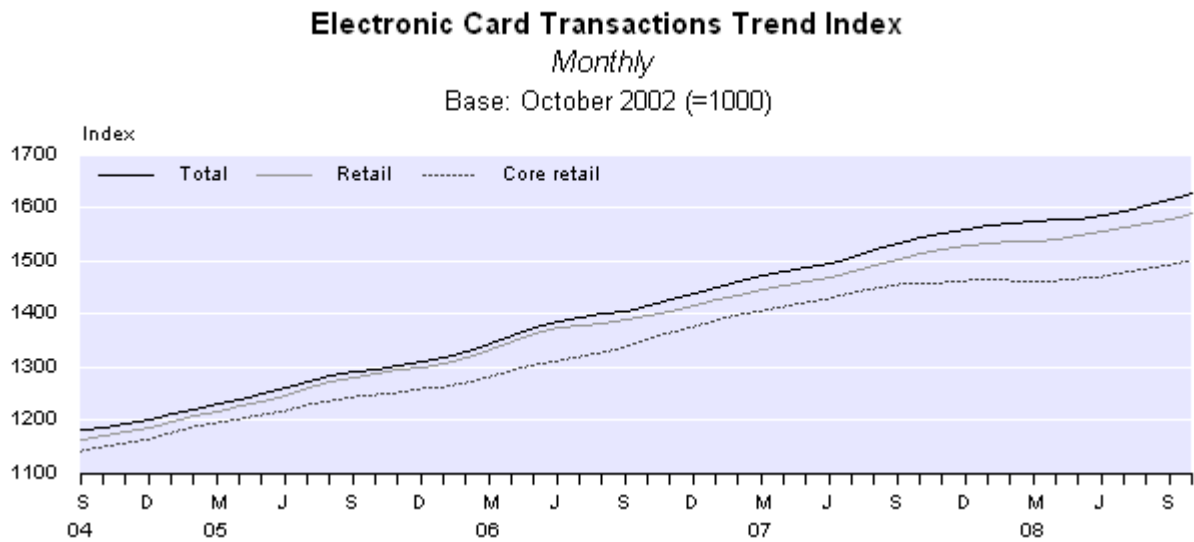
Electronic card transactions – core retail industries

After adjusting for seasonal effects, the core retail ECT value series increased 1.0 percent in October 2008, following a decrease of 0.3 percent in September and an increase of 1.7 percent in August. All core retail industries were up in October, led by consumables, durables and apparel.

The trend in the core retail ECT series flattened between October 2007 and May 2008, but has been strengthening since then, up 2.4 percent since May.

Comparing the three series

The impact of rises in fuel prices, which peaked in July 2008, on the retail ECT trend can be seen in the following graph. The trend for the core retail series started to level off after about September 2007 before returning to a stronger increase in the four months to October 2008, whereas for the retail series the flattening of the trend began later and was shorter, strengthening again from April 2008.



The main difference between the two ECT retail series is that the automotive fuel retailing industry is not included in the core retail series. Automotive fuel retailing makes up approximately 80 percent of the value of the difference between the two series. Fluctuations in fuel prices have been a key factor influencing the trend of the retail series in recent months.

Other electronic card transaction statistics

- There were 90 million electronic card transactions with New Zealand-based merchants in October 2008, with a value of \$4.8 billion. This compares with 83 million transactions in October 2007, with a value of \$4.5 billion.
- The mean transaction value for October 2008 was \$53, compared with \$54 recorded in September 2008 and in October 2007. The high for the year ended October 2008 was \$59 in December 2007.
- For the year ended October 2008, debit transactions made up 53 percent of all electronic transactions by value (credit was 47 percent). The ratio of debit to credit transactions has remained relatively stable since the beginning of the series in October 2002, with the credit ratio increasing 2 percentage points over that time.
- The mean number of transactions per person (based on the mean number of people present in New Zealand) for the year ended September 2008 was 232. This is up 6.4 percent from the year ended September 2007 (218 transactions).
- For the year ended September 2008, the mean value of transactions per person was \$12,708. This is 6.1 percent higher than for the previous September year (\$11,980).

Comparison statistics

Comparisons with the Retail Trade Survey

For September 2008 compared with August 2008, the seasonally adjusted figures, as first published, were as follows:

- total retail sales increased 0.1 percent.
- core retail trade sales decreased 0.5 percent.
- retail ECT series were almost unchanged.
- core retail ECT series decreased 0.4 percent.

Other statistics

- For September 2008 compared with September 2007, actual credit card billings in New Zealand (including spending using New Zealand and overseas-issued cards), as issued by the Reserve Bank of New Zealand, increased 14 percent.
- For October 2008 compared with September 2008, the Food Price Index fell 0.3 percent.

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Next release ...

Electronic Card Transactions: November 2008 will be released on 5 January 2009.

Technical notes

Background

The Electronic Card Transaction (ECT) series is an experimental monthly series, which covers all debit and credit card spending 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, supporting the delivery of new 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, 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 industry

- A subset of total electronic card transactions covering the following ANZSIC industries: retail trade (ANZSIC division G), accommodation, cafes and restaurants (ANZSIC division H) and personal services (ANZSIC subdivision 95 of division Q).

3. Electronic card transactions – core retail industry

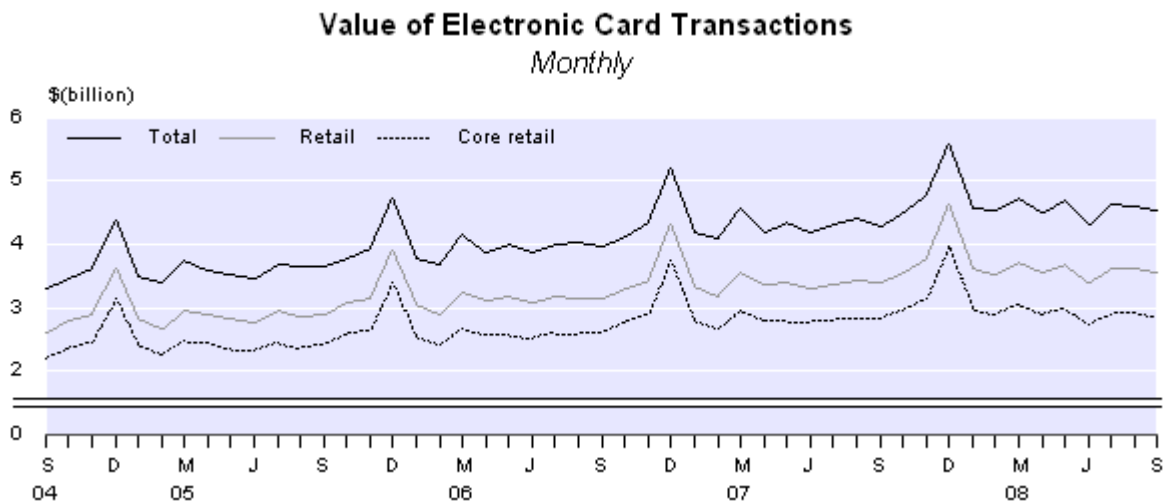
- A subset of retail electronic card transactions, excluding the motor vehicle-related industries (ANZSIC groups G531 motor vehicle retailing and G532 motor vehicle services), which, apart from automotive fuel retailing, generally have low rates of electronic transactions.

The following series are published for each of the aggregations:

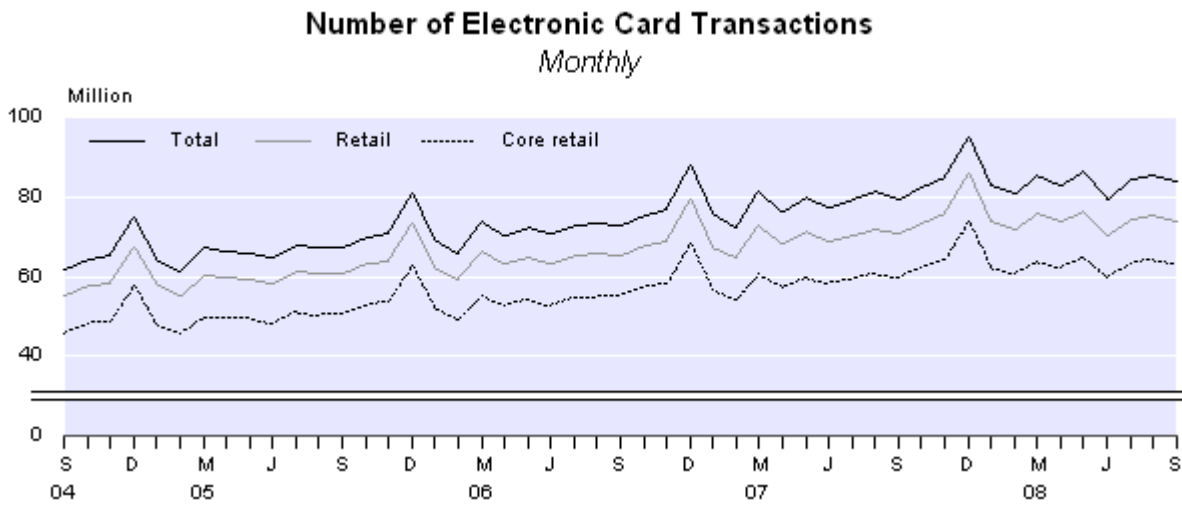
- values – actual (unadjusted), seasonally adjusted and trend
- volumes – actual (unadjusted).

Seasonal patterns

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



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.



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. The impact of this is particularly visible in the seasonally adjusted decreases in the ECT series for 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 transactions.

Coverage Differences between the Electronic Card Transactions Series and the Retail Trade Survey		
	Cash sale	Credit sale
Electronic Card Transactions	Debit card	Credit card Charge card
Retail Trade Survey	Debit card Cash Cheque	Credit card Charge card 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

Over the past few years, the uptake of electronic transaction technology among retailers and increasing card usage by consumers have led to an increasing share of retail sales by electronic transactions, resulting 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 availability of 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 the 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.

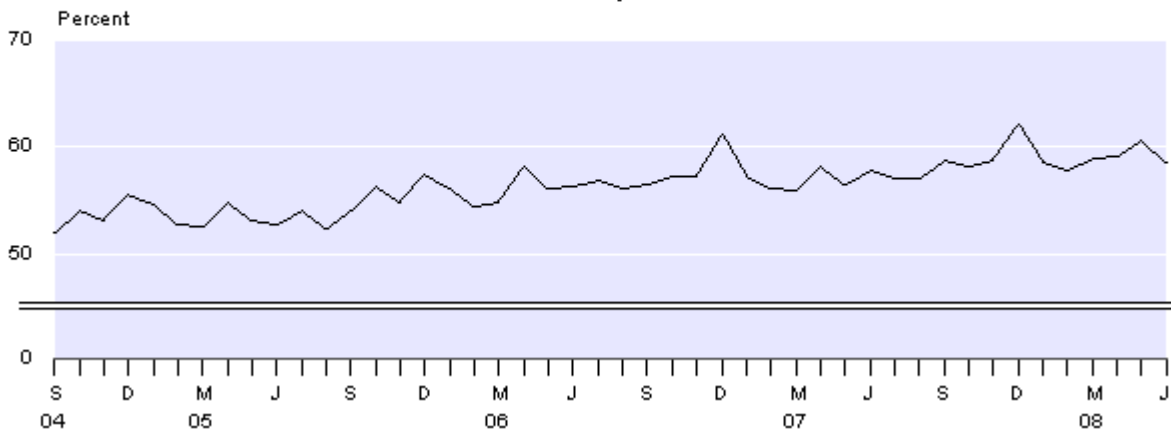
Electronic card transactions share of spending

The share of electronic card transactions in the retail industries has been slowly increasing over time. The mean share of the retail spending for the year ended June 2008 was estimated as 58.8 percent compared with 57.2 percent for the year ended June 2007.

Share of Retail Spending by Electronic Card Transactions

Excluding GST

Monthly

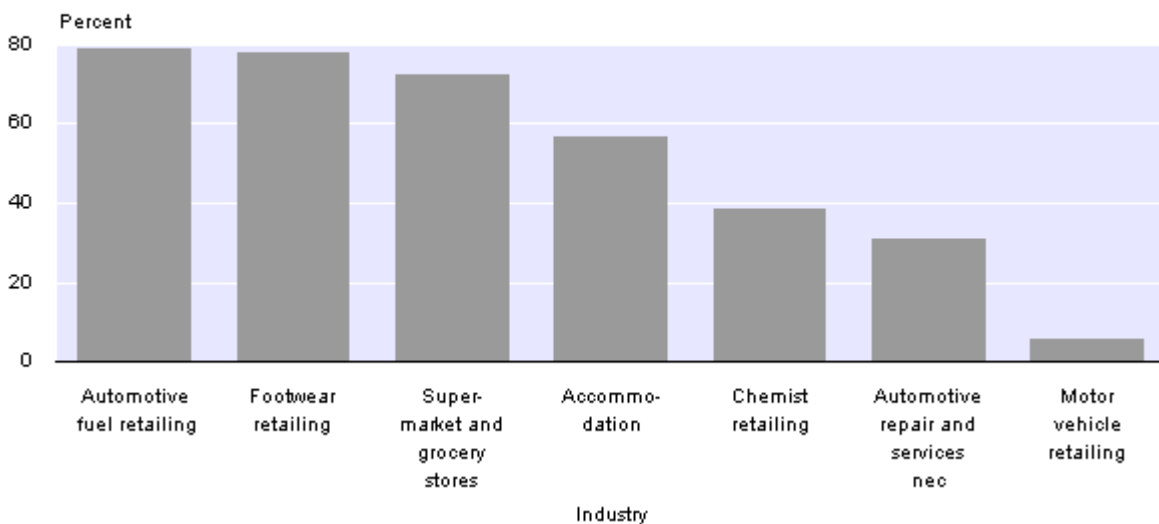


The electronic card transactions share of retail spending varies significantly between individual retail industries. For example, the share is higher than average in industries such as automotive fuel retailing, footwear retailing, supermarket and grocery stores, clothing and softgoods, and department stores. It is much lower than average in industries such as automotive repair and motor vehicle retailing.

Mean Share of Retail Spending by Electronic Card Transactions

For selected industries, excluding GST

Year ended June 2008



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 value
2. Electronic card transactions – retail industry values
3. Electronic card transactions – core retail industry values
4. Electronic card transactions – volumes

Series available online

Under the Making More Information Freely Available (MIFA) initiative, the full time series for Electronic Card Transactions can now be accessed free of charge from the online Infoshare database, available at <http://www.stats.govt.nz/infoshare>.

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 at <http://www.stats.govt.nz/about-infoshare>.

Electronic Card Transactions: October 2008

Table 1

Electronic Card Transactions – Total Value⁽¹⁾

		Unadjusted values	Seasonally adjusted ⁽²⁾	Change from previous month ⁽³⁾	Trend ⁽²⁾	Change from previous month ⁽³⁾
Series ref: ETD		S19A9	S19S9		S19T9	
		\$(million)		Percent	\$(million)	Percent
Month						
2004	Jul	3,427.5	3,451.4	0.8	3,448.1	0.6
	Aug	3,330.6	3,467.5	0.5	3,469.0	0.6
	Sep	3,321.2	3,495.7	0.8	3,488.8	0.6
	Oct	3,468.1	3,489.9	-0.2	3,506.5	0.5
	Nov	3,631.2	3,551.0	1.8	3,528.5	0.6
	Dec	4,383.2	3,533.4	-0.5	3,553.7	0.7
2005	Jan	3,498.6	3,580.5	1.3	3,581.7	0.8
	Feb	3,415.6	3,632.7	1.5	3,609.5	0.8
	Mar	3,740.3	3,613.1	-0.5	3,635.0	0.7
	Apr	3,604.5	3,680.2	1.9	3,662.1	0.7
	May	3,543.0	3,643.1	-1.0	3,690.7	0.8
	Jun	3,479.1	3,725.3	2.3	3,723.7	0.9
	Jul	3,696.0	3,767.8	1.1	3,758.4	0.9
	Aug	3,662.0	3,780.8	0.3	3,789.5	0.8
	Sep	3,647.1	3,817.4	1.0	3,814.8	0.7
	Oct	3,788.3	3,843.8	0.7	3,832.5	0.5
	Nov	3,941.8	3,843.9	0	3,847.6	0.4
	Dec	4,714.6	3,795.6	-1.3	3,868.0	0.5
2006	Jan	3,791.5	3,899.0	2.7	3,895.9	0.7
	Feb	3,698.7	3,928.2	0.7	3,933.6	1.0
	Mar	4,151.9	3,993.4	1.7	3,978.1	1.1
	Apr	3,861.2	4,000.2	0.2	4,023.0	1.1
	May	4,003.7	4,077.9	1.9	4,064.0	1.0
	Jun	3,861.1	4,103.7	0.6	4,095.3	0.8
	Jul	4,011.2	4,113.7	0.2	4,117.3	0.5
	Aug	4,036.0	4,137.3	0.6	4,135.4	0.4
	Sep	3,955.4	4,139.6	0.1	4,155.7	0.5
	Oct	4,117.1	4,196.7	1.4	4,183.2	0.7
	Nov	4,336.5	4,211.7	0.4	4,216.0	0.8
	Dec	5,196.8	4,252.4	1.0	4,251.8	0.8
2007	Jan	4,190.6	4,279.6	0.6	4,288.4	0.9
	Feb	4,084.2	4,335.1	1.3	4,320.9	0.8
	Mar	4,552.4	4,347.3	0.3	4,349.5	0.7
	Apr	4,190.9	4,376.0	0.7	4,373.1	0.5
	May	4,339.3	4,383.7	0.2	4,396.0	0.5
	Jun	4,179.6	4,436.1	1.2	4,424.8	0.7
	Jul	4,321.7	4,447.9	0.3	4,458.8	0.8
	Aug	4,399.0	4,496.8	1.1	4,495.3	0.8
	Sep	4,282.2	4,543.4	1.0	4,531.8	0.8
	Oct	4,494.2	4,546.1	0.1	4,564.7	0.7
	Nov	4,772.7	4,609.9	1.4	4,591.4	0.6
	Dec	5,585.9	4,607.2	-0.1	4,612.5	0.5
2008	Jan	4,560.9	4,628.1	0.5	4,629.6	0.4
	Feb	4,546.9	4,637.1	0.2	4,644.2	0.3
	Mar	4,720.1	4,595.7	-0.9	4,655.4	0.2
	Apr	4,505.3	4,650.3	1.2	4,664.0	0.2
	May	4,681.7	4,686.5	0.8	4,670.6	0.1
	Jun	4,309.7	4,668.3	-0.4	4,683.2	0.3
	Jul	4,635.1	4,701.8	0.7	4,707.5	0.5
	Aug	4,603.0	4,742.3	0.9	4,739.7	0.7
	Sep	4,521.9	4,780.1	0.8	4,773.1	0.7
	Oct	4,795.4	4,806.0	0.5	4,808.1	0.7

(1) Figures are inclusive of GST.

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

(3) Percentage changes are calculated on unrounded numbers.

Electronic Card Transactions: October 2008

Table 2

Electronic Card Transactions – Retail Industry Values ⁽¹⁾⁽²⁾

		Unadjusted values	Seasonally adjusted ⁽³⁾	Change from previous month ⁽⁴⁾	Trend ⁽³⁾	Change from previous month ⁽⁴⁾
Series ref: ETD		S19A1	S19S1		S19T1	
		\$(million)		Percent	\$(million)	Percent
Month						
2004	Jul	2,716.4	2,745.6	0.9	2,745.5	0.6
	Aug	2,608.6	2,760.2	0.5	2,764.4	0.7
	Sep	2,625.8	2,793.7	1.2	2,781.8	0.6
	Oct	2,795.5	2,784.4	-0.3	2,797.0	0.5
	Nov	2,889.5	2,829.7	1.6	2,813.1	0.6
	Dec	3,611.8	2,812.4	-0.6	2,834.2	0.7
2005	Jan	2,835.2	2,865.2	1.9	2,860.9	0.9
	Feb	2,680.1	2,895.8	1.1	2,887.0	0.9
	Mar	2,964.2	2,910.8	0.5	2,908.2	0.7
	Apr	2,907.2	2,930.8	0.7	2,928.8	0.7
	May	2,819.4	2,930.8	0	2,950.5	0.7
	Jun	2,769.2	2,986.9	1.9	2,977.5	0.9
	Jul	2,948.8	3,019.6	1.1	3,008.6	1.0
	Aug	2,868.5	3,022.2	0.1	3,038.4	1.0
	Sep	2,911.2	3,066.6	1.5	3,061.8	0.8
	Oct	3,081.6	3,092.9	0.9	3,078.7	0.6
	Nov	3,151.3	3,083.9	-0.3	3,092.2	0.4
	Dec	3,915.1	3,017.0	-2.2	3,105.9	0.4
2006	Jan	3,065.0	3,127.4	3.7	3,122.4	0.5
	Feb	2,911.1	3,142.4	0.5	3,147.0	0.8
	Mar	3,252.8	3,186.9	1.4	3,180.2	1.1
	Apr	3,125.5	3,196.9	0.3	3,217.2	1.2
	May	3,166.0	3,273.4	2.4	3,253.2	1.1
	Jun	3,083.2	3,289.6	0.5	3,279.0	0.8
	Jul	3,188.9	3,289.9	0	3,294.3	0.5
	Aug	3,161.9	3,302.9	0.4	3,304.6	0.3
	Sep	3,156.7	3,302.3	0	3,316.8	0.4
	Oct	3,311.5	3,352.1	1.5	3,334.6	0.5
	Nov	3,437.0	3,350.3	-0.1	3,356.5	0.7
	Dec	4,315.7	3,378.9	0.9	3,379.8	0.7
2007	Jan	3,342.6	3,398.1	0.6	3,406.1	0.8
	Feb	3,193.4	3,445.9	1.4	3,432.3	0.8
	Mar	3,568.0	3,446.5	0	3,456.2	0.7
	Apr	3,358.8	3,489.6	1.3	3,473.8	0.5
	May	3,393.9	3,474.2	-0.4	3,488.3	0.4
	Jun	3,316.8	3,514.4	1.2	3,508.2	0.6
	Jul	3,384.5	3,522.8	0.2	3,534.2	0.7
	Aug	3,420.4	3,564.4	1.2	3,563.5	0.8
	Sep	3,412.7	3,614.5	1.4	3,593.6	0.8
	Oct	3,566.0	3,593.2	-0.6	3,619.2	0.7
	Nov	3,780.3	3,654.3	1.7	3,639.8	0.6
	Dec	4,629.0	3,655.3	0	3,655.0	0.4
2008	Jan	3,633.4	3,663.2	0.2	3,664.0	0.2
	Feb	3,536.2	3,669.9	0.2	3,669.0	0.1
	Mar	3,726.1	3,676.2	0.2	3,672.9	0.1
	Apr	3,561.9	3,665.2	-0.3	3,681.2	0.2
	May	3,688.3	3,712.6	1.3	3,694.6	0.4
	Jun	3,402.0	3,701.3	-0.3	3,713.7	0.5
	Jul	3,631.4	3,731.9	0.8	3,735.6	0.6
	Aug	3,621.1	3,769.8	1.0	3,756.1	0.5
	Sep	3,548.3	3,770.3	0	3,774.8	0.5
	Oct	3,801.4	3,790.2	0.5	3,793.7	0.5

(1) Figures are inclusive of GST.

(2) Represents all electronic transactions for ANZSIC industries G, H and Q (subdivision 95).

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

(4) Percentage changes are calculated on unrounded numbers.

Table 3

Electronic Card Transactions – Core Retail Industry Values ⁽¹⁾⁽²⁾

		Unadjusted values	Seasonally adjusted ⁽³⁾	Change from previous month ⁽⁴⁾	Trend ⁽³⁾	Change from previous month ⁽⁴⁾
Series ref: ETD		S19A2	S19S2		S19T2	
		\$(million)		Percent	\$(million)	Percent
Month						
2004	Jul	2,298.7	2,340.2	1.4	2,332.1	0.6
	Aug	2,190.8	2,340.2	0	2,345.0	0.6
	Sep	2,211.4	2,366.3	1.1	2,355.8	0.5
	Oct	2,364.2	2,346.2	-0.8	2,366.5	0.5
	Nov	2,450.6	2,391.7	1.9	2,381.2	0.6
	Dec	3,164.4	2,388.5	-0.1	2,401.6	0.9
2005	Jan	2,414.2	2,431.1	1.8	2,424.8	1.0
	Feb	2,256.8	2,450.2	0.8	2,445.4	0.9
	Mar	2,478.5	2,462.0	0.5	2,460.7	0.6
	Apr	2,449.5	2,475.9	0.6	2,476.4	0.6
	May	2,372.8	2,480.2	0.2	2,493.5	0.7
	Jun	2,321.9	2,519.3	1.6	2,512.6	0.8
	Jul	2,469.4	2,544.0	1.0	2,530.9	0.7
	Aug	2,373.5	2,534.3	-0.4	2,547.0	0.6
	Sep	2,415.9	2,557.8	0.9	2,560.1	0.5
	Oct	2,578.8	2,579.4	0.8	2,571.9	0.5
	Nov	2,649.2	2,585.3	0.2	2,582.8	0.4
	Dec	3,404.0	2,540.0	-1.8	2,593.2	0.4
2006	Jan	2,564.4	2,607.9	2.7	2,603.3	0.4
	Feb	2,410.0	2,612.0	0.2	2,618.8	0.6
	Mar	2,678.8	2,647.5	1.4	2,640.6	0.8
	Apr	2,590.7	2,651.2	0.1	2,665.1	0.9
	May	2,588.0	2,702.3	1.9	2,687.2	0.8
	Jun	2,524.4	2,707.0	0.2	2,703.6	0.6
	Jul	2,610.5	2,714.8	0.3	2,718.4	0.5
	Aug	2,576.7	2,728.3	0.5	2,737.7	0.7
	Sep	2,618.9	2,757.6	1.1	2,762.4	0.9
	Oct	2,783.9	2,809.3	1.9	2,790.0	1.0
	Nov	2,898.1	2,812.3	0.1	2,816.1	0.9
	Dec	3,749.8	2,832.5	0.7	2,838.7	0.8
2007	Jan	2,812.2	2,857.6	0.9	2,860.8	0.8
	Feb	2,673.2	2,894.0	1.3	2,881.6	0.7
	Mar	2,967.3	2,890.2	-0.1	2,899.8	0.6
	Apr	2,816.5	2,926.3	1.2	2,913.6	0.5
	May	2,814.4	2,912.6	-0.5	2,927.2	0.5
	Jun	2,769.6	2,951.7	1.3	2,947.2	0.7
	Jul	2,817.2	2,962.2	0.4	2,969.9	0.8
	Aug	2,839.2	2,994.2	1.1	2,988.1	0.6
	Sep	2,838.4	3,019.5	0.8	3,000.7	0.4
	Oct	2,962.1	2,982.8	-1.2	3,006.4	0.2
	Nov	3,133.9	3,012.6	1.0	3,010.4	0.1
	Dec	3,972.2	3,025.9	0.4	3,015.7	0.2
2008	Jan	2,989.6	3,011.4	-0.5	3,020.4	0.2
	Feb	2,908.1	3,026.1	0.5	3,021.1	0
	Mar	3,050.2	3,027.2	0	3,019.6	-0.1
	Apr	2,904.3	3,003.3	-0.8	3,019.4	0
	May	2,980.5	3,030.3	0.9	3,022.9	0.1
	Jun	2,730.0	2,977.7	-1.7	3,030.9	0.3
	Jul	2,903.9	3,026.4	1.6	3,044.7	0.5
	Aug	2,926.7	3,076.8	1.7	3,060.5	0.5
	Sep	2,865.9	3,068.2	-0.3	3,076.9	0.5
	Oct	3,118.1	3,099.5	1.0	3,094.2	0.6

(1) Figures are inclusive of GST.

(2) Represents all electronic transactions for ANZSIC industries G, H and Q (subdivision 95), 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.

Table 4

Electronic Card Transactions – Volumes

		Unadjusted total volumes	Change from same month previous year ⁽¹⁾	Unadjusted retail industry volumes	Change from same month previous year ⁽¹⁾	Unadjusted core retail industry volumes	Change from same month previous year ⁽¹⁾
<i>Series ref: ETD</i>		S29A9		S29A1		S29A2	
		Number (million)	Percent	Number (million)	Percent	Number (million)	Percent
Month							
2004	Jul	63	12.6	56	12.8	47	11.9
	Aug	61	8.8	55	8.7	45	7.1
	Sep	62	12.5	55	12.8	46	11.4
	Oct	64	9.2	58	9.5	48	8.3
	Nov	65	10.4	58	10.2	49	9.8
	Dec	75	8.9	68	9.1	58	9.6
2005	Jan	64	8.0	58	8.8	48	9.4
	Feb	61	8.3	55	9.0	46	9.2
	Mar	67	9.1	60	10.0	50	10.2
	Apr	66	9.3	60	10.2	50	11.2
	May	66	7.9	59	8.3	49	9.0
	Jun	65	10.1	58	10.7	48	11.3
	Jul	68	7.8	61	8.5	51	8.9
	Aug	68	10.2	61	10.5	50	10.9
	Sep	67	9.2	61	9.9	51	10.4
	Oct	70	9.1	63	9.5	53	10.3
	Nov	71	9.1	64	9.4	54	10.2
	Dec	81	8.1	74	8.9	63	9.1
2006	Jan	69	7.6	62	7.4	52	7.6
	Feb	66	7.8	59	7.7	49	7.9
	Mar	74	10.2	66	9.8	55	10.7
	Apr	70	6.2	63	6.0	53	5.8
	May	73	9.9	65	9.5	54	9.5
	Jun	71	9.1	63	9.2	53	9.3
	Jul	73	7.3	65	7.0	55	7.0
	Aug	73	8.6	66	8.3	55	8.8
	Sep	73	8.1	66	8.0	55	8.8
	Oct	75	7.7	68	7.2	57	8.1
	Nov	77	8.3	69	7.8	58	8.5
	Dec	88	8.5	79	8.1	68	8.6
2007	Jan	76	9.2	67	8.1	57	9.1
	Feb	73	9.8	65	9.1	54	10.3
	Mar	81	9.9	73	9.5	61	10.4
	Apr	76	8.8	68	7.9	57	8.8
	May	80	10.5	71	9.7	60	10.7
	Jun	77	9.4	69	8.6	58	10.0
	Jul	79	8.6	70	7.5	59	8.6
	Aug	81	10.9	72	9.8	61	11.2
	Sep	79	8.7	71	7.8	60	8.3
	Oct	83	9.6	73	8.6	62	8.7
	Nov	85	10.6	76	10.1	64	10.3
	Dec	95	8.3	86	7.9	74	8.1
2008	Jan	83	9.7	74	9.3	62	9.4
	Feb	81	11.9	72	11.2	61	11.7
	Mar	85	4.9	76	4.3	64	4.4
	Apr	83	8.7	74	7.9	62	8.6
	May	86	7.9	77	7.6	65	8.3
	Jun	80	3.1	71	2.3	60	2.7
	Jul	84	6.5	75	6.1	63	6.7
	Aug	85	4.9	76	4.8	64	5.6
	Sep	84	5.8	74	4.9	63	5.5
	Oct	90	9.0	79	8.0	68	9.3

(1) Percentage changes are calculated on unrounded numbers.