



17 AUGUST 2026

WESTPAC—DATA CARD TRACKER

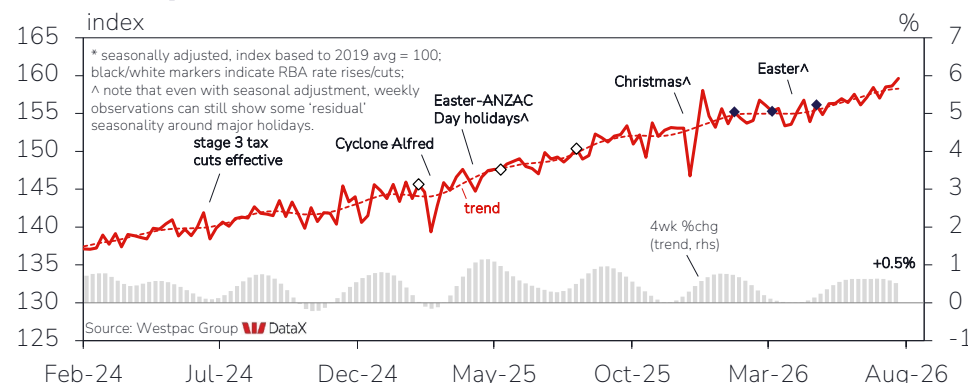
Powered by  **DataX**

Card activity: solid growth pulse returns

- The **Westpac–DataX Card Tracker Index*** has posted a sustained improvement since mid-July, rising 2.6pts to 159.6, a new historical high.
- Quarterly growth momentum has lifted back into the 1.1–1.5% range, the strongest pace since late-March. Notably, this has little to do with the move higher in fuel prices following the end of temporary excise tax cuts, with this effect having little bearing on quarterly growth rates so far.
- Monthly growth momentum is also holding steady at around 0.7%, although here the impact of fuel price changes is clearer with card activity ex fuel tracking a softer 0.3% pace.
- The softer fuel and electricity spending over the quarter appears to have freed up some capacity for discretionary spending. Discretionary segments are now growing at 2.4%, the strongest pace in around a year. Much of the lift has been driven by holiday travel, which has rebounded following disruptions earlier in the year associated with the Middle East conflict. In contrast, spending on essentials has been broadly flat over the quarter.
- By state, Victoria continues to lead the majors, with card spending up 2.4%, although momentum has softened noticeably over the past four weeks. Elsewhere, spending growth remains more modest but positive, tracking between 1.1% in NSW and 1.8% in WA.
- Momentum has strengthened through recent months, even though consumers face several headwinds. Looking back, the Q2 Household Spending Indicator, which captures around two-thirds of consumption, recorded a solid 0.7% rise in real terms. However, we still expect the broader national accounts measure to show a more modest 0.2% increase in Q2 when it is released on 2 September. While still early in the quarter, the latest card data suggest some upside risk to our current forecast of a 0.4% rise in household consumption in Q3. Overall, we expect consumption to rise by 1.6% in 2026 (see our August [Market Outlook](#) for the full outlook and our August [Red Book](#) for a consumer deep dive).

“... essentials relief supporting discretionary spending.”

1. Westpac–DataX Card Tracker Index*



The **Westpac–DataX Card Tracker** presents indicators based on the millions of credit and debit card transactions processed by Westpac every day. The measures are a timely guide to shifts in spending. See p9 for a detailed explanation.

This report is produced by Westpac Economics.

Matthew Hassan, Head of Australian Macro-Forecasting

Neha Sharma, Economist

Email: economics@westpac.com.au

This issue was finalised on 17 August 2026.

If you would like more insights on your sector or business from this and other Westpac data please visit [Westpac DataX](#) or contact datax@westpac.com.au.

Higher rates not biting the consumer

- Chart 2 shows how quarterly growth in the **Westpac-DataX Card Tracker Index** compares to growth in nominal consumption as reported in the quarterly national accounts. All estimates are adjusted for regular seasonal variations.
- The quarterly growth momentum continued to improve since our last update, with the latest pace tracking 1.5% – the strongest since late-March. Underlying this is a 1.2% rise in domestic transactions and a 6.0% rise in international. Earlier estimates have also been revised higher.
- Notably, excluding fuel and electricity spending from this measure, quarterly

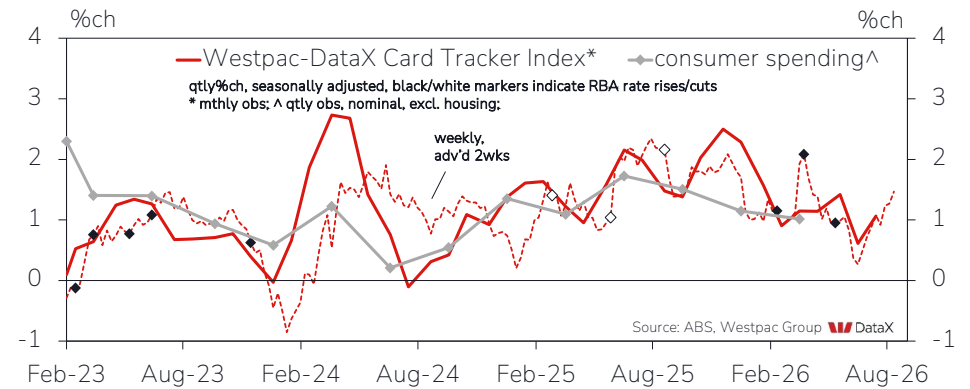
growth momentum was running at 2.1%, the strongest in around a year. The near-term momentum tells a different story, though, with broader card activity tracking 0.7% over the past month and 0.3% after excluding electricity and fuel.

- Overall, we see some upside risk to our current estimate of 0.4% for consumption in Q3.
- The Q2 ABS household spending indicator posted a solid 0.7% rise in real terms. The full consumption wash-up will be provided in the national accounts, due September 2. We expect a 0.2% rise in consumption over Q2.

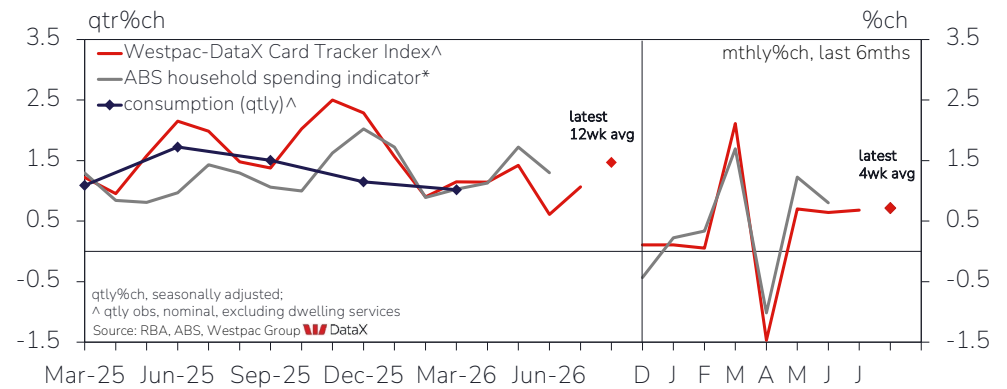
qtrly%ch	Q4	Q1	Q2	latest^
Westpac-DataX Card Tracker	2.3	1.1	0.6	1.5
ABS monthly household spending indicator*				
Nominal	2.0	1.0	1.3	n.a.
Real*	0.9	0.8	0.7	n.a.
ABS consumer spending (qtrly)#				
Nominal	1.1	1.0	n.a.	n.a.
Real	0.4	0.5	n.a.	n.a.

All series seasonally adjusted. Latest is either the latest weekly obs (12wks %ch on previous 12wks) or latest monthly obs (3mths %ch on previous 3mths). See p9 for more details.
 * ABS monthly household spending indicator based on domestic card transaction and new vehicle sales data. Real estimates are quarterly.
 # Consumer spending excludes housing costs.
 Sources: ABS, Westpac Group

2. Card activity and spending: growth momentum



3. Consumer spending: selected indicators



Discretionary categories and Vic lead

- Chart 4 shows quarterly growth in card activity across broad categories. The slowdown in Q2 was fairly broad-based but slightly more pronounced for essentials (noting that for essential goods this is partly due to the unwinding fuel price spike).
- The recent firming continues to be centred on discretionary categories. Growth in discretionary services is running at 3.4%qtr (strongest since mid-2025), in particular holiday travel which is growing at 5.2%qtr. Discretionary goods are growing at 1.2%qtr – the strongest in about five months.
- By contrast spending on essentials has been flat, with a modest rise in services (+0.2%qtr) offset by a decline in goods (–0.2%qtr). The weakness in the latter is entirely due to vehicle-related spending. The near-term momentum for both appears much stronger, running at 1.0%mt and 1.9%mt respectively, mostly due to the operation of vehicles and transport services component.
- Chart 5 shows card activity across the major states. Vic continues to run ahead of other states, with spending up 2.4%qtr, though the trend softened over the past four weeks. Card activity is running at 1.1%qtr in NSW, 1.2%qtr in Qld, 1.3%qtr in SA and 1.8%qtr in WA.

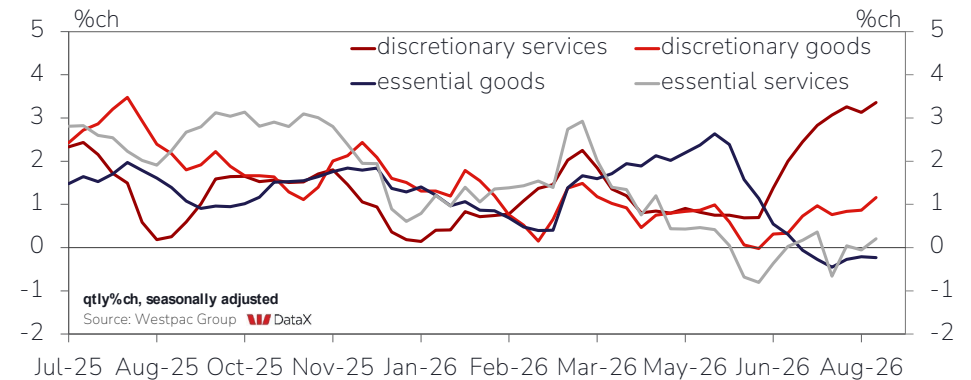
	May	Jun	Jul	8/8
Westpac–DataX Card Tracker	156.0	157.0	158.1	159.6
By category				
– discretionary*	157.5	159.1	160.4	162.7
– essential*	151.6	151.7	152.5	154.5
By state				
– NSW	149.1	149.5	150.5	154.5
– Vic	147.3	148.0	148.9	152.8
– Qld	170.1	172.3	174.3	175.3
– WA	171.4	173.9	176.2	179.8
– SA	163.3	163.6	164.9	168.4

All indexes based on the value of spending-related transactions, seasonally adjusted, 2019 avg=100, see p9 for more details including classifications.

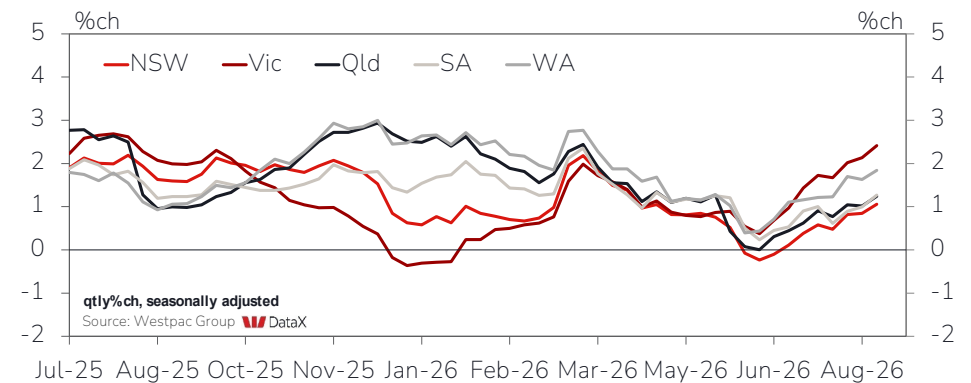
* indexes revised due to re-classification.

Sources: ABS, Westpac Group

4. Card activity by broad category



5. Card activity by state

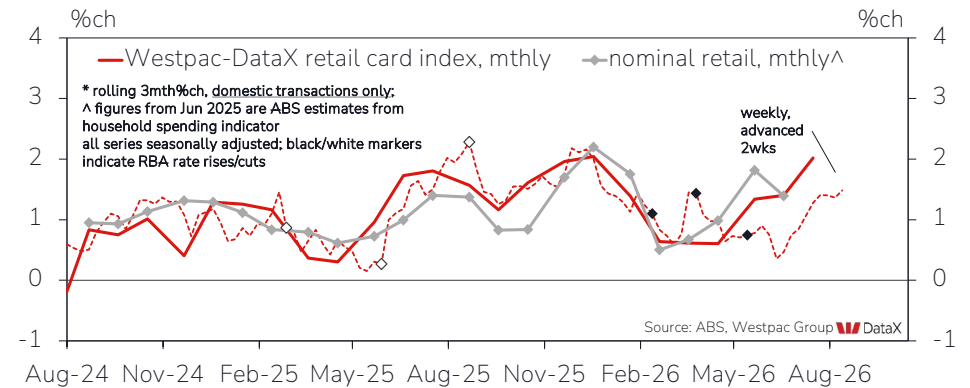


Food retailing slows led by hospitality

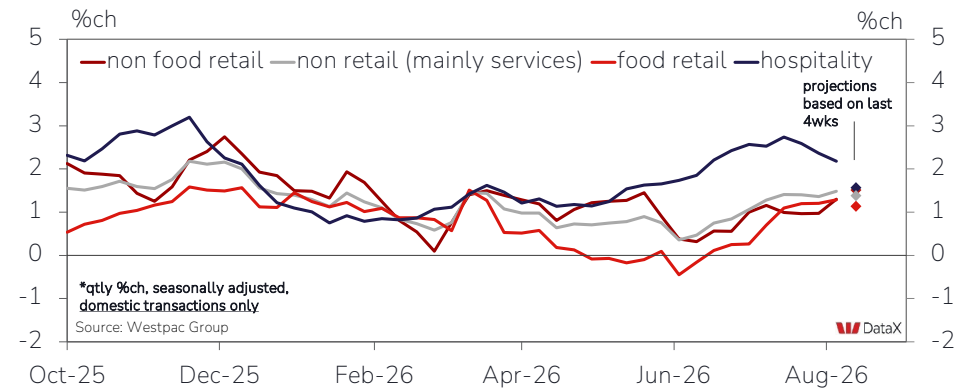
- Our MHSI and retail card indexes are composites based on transactions in categories that are in scope for the ABS monthly household spending indicator and ABS retail sales surveys (based on MHSI) respectively.
- The divergence between the broader WCTI and the retail and MHSI card measures has narrowed substantially since our last update. The retail card index is now growing in line with broader spending, at 1.5%qtr. The recent slowing here is attributed to food-related category, in particular hospitality spending, with non-food retail spend partly offsetting. Meanwhile the MSHI card index is well behind, at 0.9%qtr.
- The [latest](#) ABS MHSI showed a 0.8% rise in June, with quarterly growth lifting to 1.3%. This compares to the June monthly outcome for our index which was flat. The ABS attributed the recent strength in spending to electric vehicle purchases. This may explain some of the miss as vehicle purchases are not well-captured in card transaction data alone.
- Our MHSI card index rose 0.9% in July, with the official ABS outcome due 27 August.

	May	Jun	Jul	8/8
MHSI card index	153.6	153.6	155.0	157.4
– qtly%ch	1.9	0.9	0.9	1.0
– qtly, ann%ch	6.2	5.1	5.3	5.3
ABS MHSI				
– %ch	1.2	0.8	n.a.	n.a.
– qtly%ch	1.7	1.3	n.a.	n.a.
– qtly ann%ch	5.4	5.5	n.a.	n.a.
Retail card index	154.2	154.5	155.6	156.1
– qtly%ch	1.3	1.4	2.0	1.5
– qtly, ann%ch	5.6	5.3	5.7	5.5
ABS retail sales				
– %ch	1.2	0.1	n.a.	n.a.
– qtly%ch	1.9	1.3	n.a.	n.a.
– qtly ann%ch	5.5	5.2	n.a.	n.a.

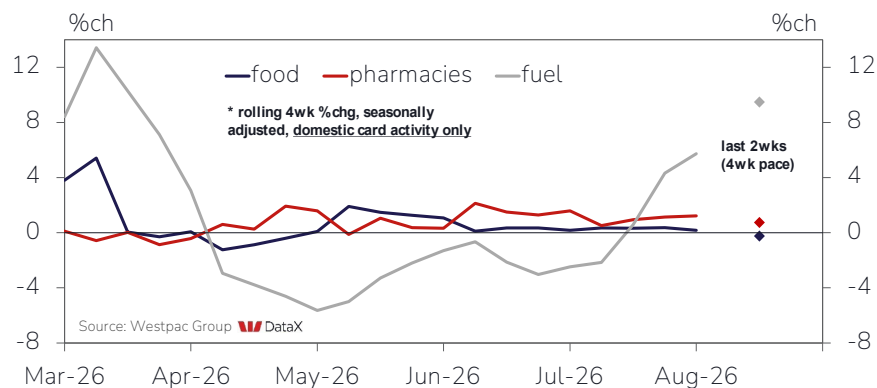
6. Card activity: retail



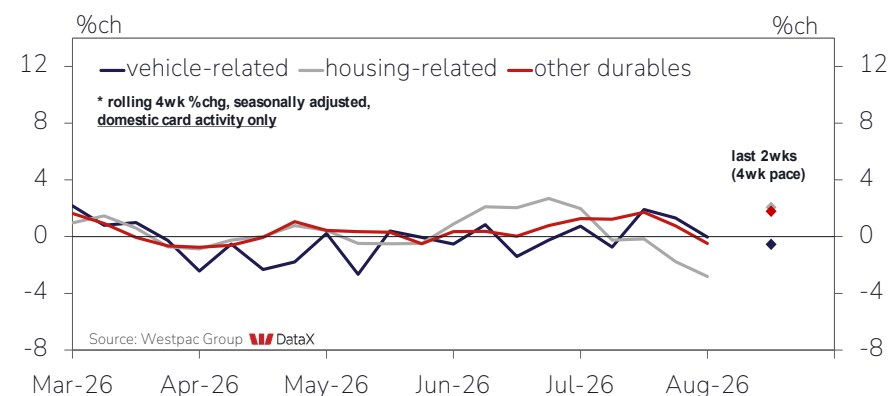
7. Card activity: retail segments and non-retail



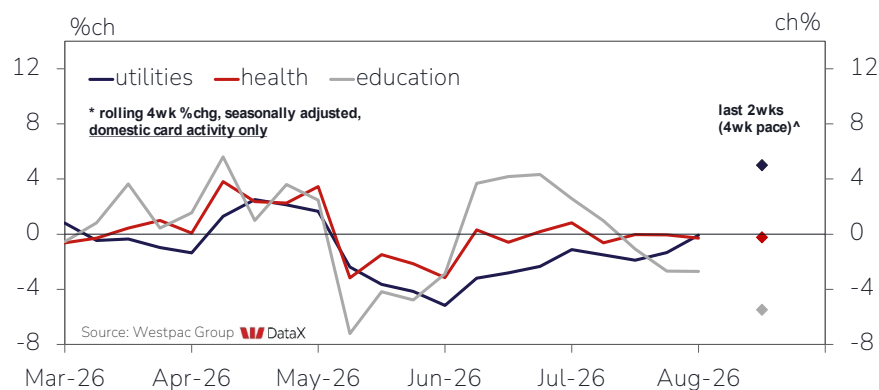
8. Card activity: essential goods



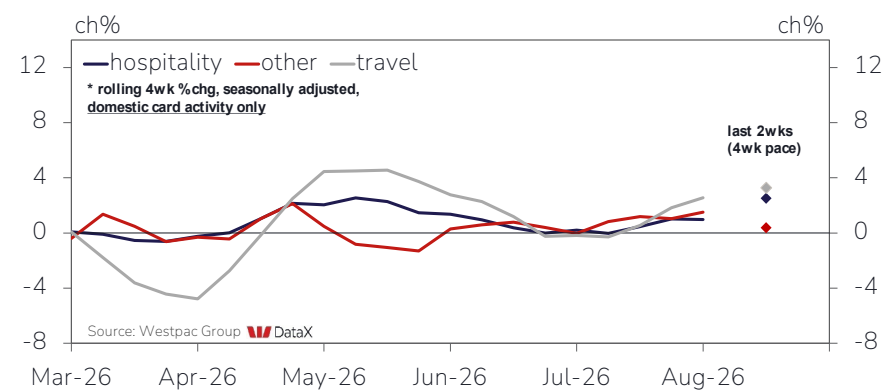
9. Card activity: discretionary goods



10. Card activity: essential services

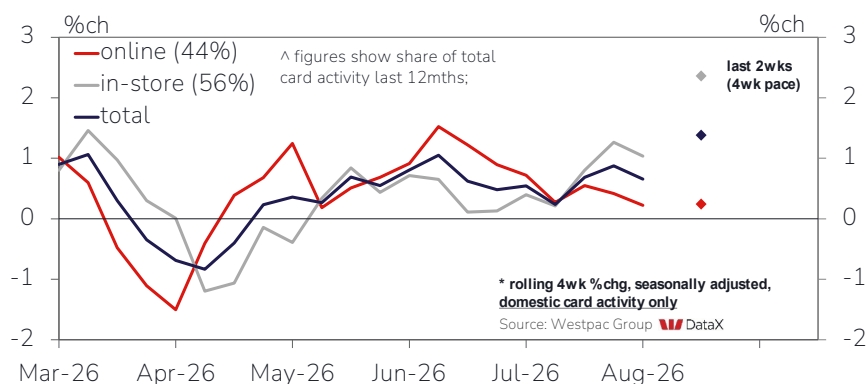


11. Card activity: discretionary services

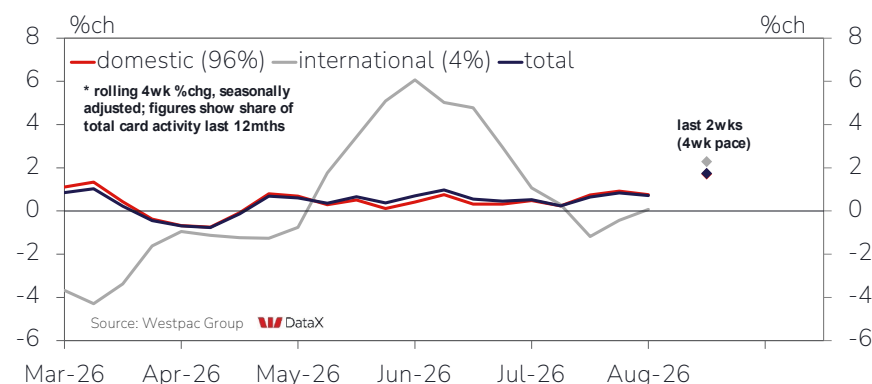


Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

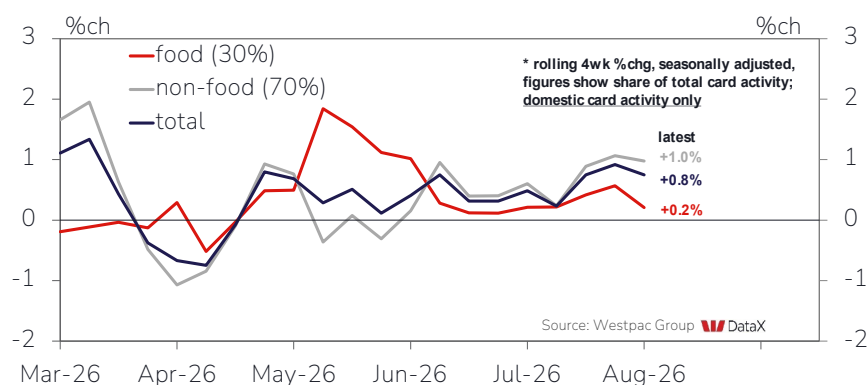
12. Card activity: online and in-store



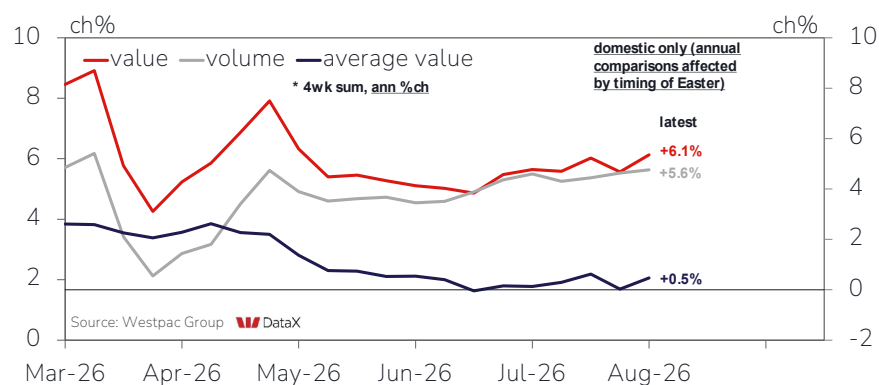
13. Card activity: domestic and international



14. Card activity: food and non-food



15. Card activity: value and volume



	2024		2025		2026		week ending:								
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	May	Jun	Jul	18/7	25/7	1/8	8/8
Westpac–DataX Card Tracker Index	141.0	143.0	144.7	147.8	149.9	153.3	155.0	156.0	156.0	157.0	158.1	157.0	158.5	158.6	159.6
qtly%ch	0.4	1.4	1.2	2.2	1.4	2.3	1.1	0.6	1.4	0.6	1.1	0.9	1.2	1.3	1.5
qtly, ann%ch	3.9	5.4	3.8	5.3	6.3	7.2	7.1	5.5	6.4	5.5	5.9	5.7	5.8	5.8	6.0
By category															
– discretionary	142.8	145.7	146.0	149.4	151.3	155.2	155.7	157.3	157.5	159.1	160.4	160.2	161.2	161.2	162.7
– essential	137.9	138.4	141.2	143.9	146.0	148.2	151.2	151.7	151.6	151.7	152.5	151.5	153.7	153.7	154.5
services	147.3	150.3	152.7	157.0	160.0	164.0	165.3	165.8	165.7	167.9	169.2	168.5	170.0	168.5	172.1
– discretionary services	150.5	154.3	154.9	159.3	161.1	166.2	166.3	167.6	167.5	170.3	171.5	171.6	172.6	172.4	174.9
– essential services	142.7	144.6	149.5	153.6	158.4	160.9	164.0	163.2	163.1	164.5	165.8	164.0	166.2	163.1	168.2
goods	134.8	135.4	136.3	138.2	139.4	141.8	143.8	145.4	145.5	145.2	146.2	145.7	147.3	148.5	147.5
– discretionary goods	134.6	136.4	136.6	138.7	140.9	143.5	144.4	146.3	146.9	147.1	148.6	148.0	149.0	149.2	149.7
– essential goods	135.0	134.6	136.1	137.8	138.2	140.3	143.2	144.6	144.4	143.6	144.1	143.7	145.8	147.9	145.7
MHSI card index*	140.6	142.4	143.2	145.9	147.5	150.6	152.0	153.4	153.6	153.6	155.0	155.1	156.6	157.3	157.4
qtly%ch	0.4	1.2	0.6	1.9	1.0	2.1	1.0	0.9	1.9	0.9	0.9	0.8	0.9	0.8	1.0
qtly, ann%ch	3.1	4.7	2.5	4.2	4.8	5.8	6.1	5.1	6.2	5.1	5.3	5.0	5.0	5.1	5.3
retail card index*	141.0	142.8	143.3	145.8	147.5	150.5	151.4	153.5	154.2	154.5	155.6	155.3	155.7	156.3	156.1
qtly%ch	0.7	1.3	0.4	1.7	1.2	2.0	0.6	1.4	1.3	1.4	2.0	1.4	1.4	1.4	1.5
qtly, ann%ch	2.8	4.2	1.8	4.2	4.6	5.4	5.7	5.3	5.6	5.3	5.7	5.6	5.5	5.5	5.5
By state															
– NSW	136.4	138.5	139.6	142.5	144.2	148.2	148.5	149.2	149.1	149.5	150.5	151.6	152.8	153.2	154.5
– Vic	135.5	136.8	138.7	140.2	142.4	144.7	146.5	146.8	147.3	148.0	148.9	150.7	152.2	151.3	152.8
– Qld	150.7	152.3	155.5	159.5	161.9	167.0	169.6	169.8	170.1	172.3	174.3	174.1	175.0	175.3	175.3
– WA	151.0	154.2	157.3	158.9	162.9	168.2	171.6	171.1	171.4	173.9	176.2	177.9	178.7	177.9	179.8
– SA	147.7	150.0	152.0	154.4	157.3	160.2	162.2	162.8	163.3	163.6	164.9	164.4	166.1	166.6	168.4

All indexes based on the value of spending–related transactions, seasonally adjusted by Westpac, 2019 avg=100. See p9 for more details.

* composite based on transactions in categories in scope for ABS monthly spending indicator and ABS retail sales surveys respectively.

Sources: ABS, Westpac Group

Past performance is not a reliable indicator of future performance. The forecasts given above are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The results ultimately achieved may differ substantially from these forecasts.

About the Westpac card data indicators

The indicators presented in this report are based on the millions of credit and debit card transactions processed every day. Transactions covering over ten million merchants are classified into over 700 categories. These are in turn grouped into higher level aggregates that provide a timely guide to wider economic trends.

The main focus of these indicators is consumer spending. Where possible, we have sought to exclude 'non spending' transactions such as: money transfers; tax payments; loan repayments; charitable donations; and superannuation contributions.

It should also be noted that these indicators will also be affected by shifts between card and non-card transactions. This was a significant factor during the COVID-19 pandemic – health concerns about the use of physical cash leading to significantly higher use of cards vs cash, particularly where contact-less transactions are available. Transaction flows also include reversals/refunds which were also a significant phenomenon during the onset of COVID, especially in areas such as travel.

All transaction data is compiled at a highly aggregated level so that individual customer or merchant data is never revealed.

Index construction

The key metrics used in this report are indexes of spending-related card activity where the base of 100 is average activity in 2019. As an example, if transaction flows are 5% above their average level in 2019, the index read for the period is 105. If flows in a subsequent period are 8% above the average level in 2019, the index read for this period is 108. Growth between the two periods can be calculated simply as the change between the two index reads, i.e. 2.9%.

All measures are adjusted for regular seasonality. Weekly estimates are generated using the US Bureau of Labor's MoveReg weekly seasonal adjustment program. Note that in some cases, high levels of volatility during the COVID period mean it is not possible to produce seasonally adjusted estimates for some historical periods.

Also, note that previous versions of this report used different approaches to seasonal adjustment and measurement more generally. This means Index reads are sometimes not directly comparable. See the 'About the Westpac card data indicators' sections from earlier reports to more detail.

Classifications

Note that the measures used for card data and in this report do not align completely with the those used in official ABS statistics, including the ABS household spending indicator, ABS retail trade survey and ABS estimate of consumer spending published in the national accounts. There are a range of differences including around both coverage and classification. As such, the card data should be treated as broadly indicative.

The transaction data is grouped into 26 categories that are then combined into four main as follows:

Discretionary goods: alcoholic beverages, tobacco, clothing & footwear, furnishings & household equipment, household appliances, vehicle-related, recreational & cultural goods, newspaper, books & stationery, and other personal effects.

Discretionary services: transport services (part), recreational & cultural services, gambling, catering services, accommodation services, other personal care, insurance & financial services, other services.

Essential goods: food & non alcoholic beverages, medical products, appliances & equipment, and operation of personal transport equipment.

Essential services: electricity, gas & other fuels, health services, transport services (part), communications and education.

The report also uses two additional classifications:

MHSI/Retail: based on the extent to which categories cover activity that is in scope for the ABS monthly household spending indicator and ABS retail trade survey.



Corporate directory

Westpac Economics / Australia

Sydney
Level 19, 275 Kent Street
Sydney NSW 2000
Australia

E: economics@westpac.com.au

Luci Ellis
Chief Economist Westpac Group
E: luci.ellis@westpac.com.au

Matthew Hassan
Head of Australian Macro-Forecasting
E: mhassan@westpac.com.au

Elliot Clarke
Head of International Economics
E: eclarke@westpac.com.au

Sian Fenner
Head of Business and Industry Economics
E: sian.fenner@westpac.com.au

Justin Smirk
Senior Economist
E: jsmirk@westpac.com.au

Pat Bustamante
Senior Economist
E: pat.bustamante@westpac.com.au

Mantas Vanagas
Senior Economist
E: mantas.vanagas@westpac.com.au

Ryan Wells
Economist
E: ryan.wells@westpac.com.au

Illiana Jain
Economist
E: illiana.jain@westpac.com.au

Neha Sharma
Economist
E: neha.sharma1@westpac.com.au

Luka Belobrajdic
Economist
E: luka.belobrajdic@westpac.com.au

Westpac Economics / Fiji

Suva
1 Thomson Street
Suva, Fiji

Shamal Chand
Senior Economist
E: shamal.chand@westpac.com.au

Westpac Economics / New Zealand

Auckland
Takutai on the Square
Level 8, 16 Takutai Square
Auckland, New Zealand

E: economics@westpac.co.nz

Kelly Eckhold
Chief Economist NZ
E: kelly.eckhold@westpac.co.nz

Michael Gordon
Senior Economist
E: michael.gordon@westpac.co.nz

Darren Gibbs
Senior Economist
E: darren.gibbs@westpac.co.nz

Satish Ranchhod
Senior Economist
E: satish.ranchhod@westpac.co.nz

Paul Clark
Industry Economist
E: paul.clark@westpac.co.nz

©2026 Westpac Banking Corporation ABN 33 007 457 141 (including where acting under any of its Westpac, St George, Bank of Melbourne or BankSA brands, collectively, “Westpac”). References to the “Westpac Group” are to Westpac and its subsidiaries and includes the directors, employees and representatives of Westpac and its subsidiaries.

Things you should know

We respect your privacy: You can view the [New Zealand Privacy Policy here](#), or the Australian [Group Privacy Statement here](#). Each time someone visits our site, data is captured so that we can accurately evaluate the quality of our content and make improvements for you. We may at times use technology to capture data about you to help us to better understand you and your needs, including potentially for the purposes of assessing your individual reading habits and interests to allow us to provide suggestions regarding other reading material which may be suitable for you.

This information, unless specifically indicated otherwise, is under copyright of the Westpac Group. None of the material, nor its contents, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party without the prior written permission of the Westpac Group.

Disclaimer

This information has been prepared by Westpac and is intended for information purposes only. It is not intended to reflect any recommendation or financial advice and investment decisions should not be based on it. This information does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or to enter into a legally binding contract. To the extent that this information contains any general advice, it has been prepared without taking into account your objectives, financial situation or needs and before acting on it you should consider the appropriateness of the advice. Certain types of transactions, including those involving futures, options and high yield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision.

This information may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure this information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of this information, or otherwise endorses it in any way. Except where contrary to law, Westpac Group intend by this notice to exclude liability

for this information. This information is subject to change without notice and none of Westpac or its related entities is under any obligation to update this information or correct any inaccuracy which may become apparent at a later date. This information may contain or incorporate by reference forward looking statements. The words “believe”, “anticipate”, “expect”, “intend”, “plan”, “predict”, “continue”, “assume”, “positioned”, “may”, “will”, “should”, “shall”, “risk” and other similar expressions that are predictions of or indicate future events and future trends identify forward-looking statements. These forward-looking statements include all matters that are not historical facts. Past performance is not a reliable indicator of future performance, nor are forecasts of future performance. Whilst every effort has been taken to ensure that the assumptions on which any forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from any forecasts.

Conflicts of Interest: In the normal course of offering banking products and services to its clients, the Westpac Group may act in several capacities (including issuer, market maker, underwriter, distributor, swap counterparty and calculation agent) simultaneously with respect to a financial instrument, giving rise to potential conflicts of interest which may impact the performance of a financial instrument. The Westpac Group may at any time transact or hold a position (including hedging and trading positions) for its own account or the account of a client in any financial instrument which may impact the performance of that financial instrument.

Author(s) disclaimer and declaration: The author(s) confirms that (a) no part of his/her compensation was, is, or will be, directly or indirectly, related to any views or (if applicable) recommendations expressed in this material; (b) this material accurately reflects his/her personal views about the financial products, companies or issuers (if applicable) and is based on sources reasonably believed to be reliable and accurate; (c) to the best of the author's knowledge, they are not in receipt of inside information and this material does not contain inside information; and (d) no other part of the Westpac Group has made any attempt to influence this material.

Further important information regarding sustainability related content: This material may contain statements relating to environmental, social and governance (ESG) topics. These are subject to known and unknown risks, and there are significant uncertainties, limitations, risks and assumptions in the metrics, modelling, data, scenarios, reporting and analysis on which the statements rely. In particular, these areas are rapidly evolving and maturing, and there are variations in approaches and common standards and practice, as well as uncertainty around future related policy and legislation. Some material may include information

derived from publicly available sources that have not been independently verified. No representation or warranty is made as to the accuracy, completeness or reliability of the information. There is a risk that the analysis, estimates, judgements, assumptions, views, models, scenarios or projections used may turn out to be incorrect. These risks may cause actual outcomes to differ materially from those expressed or implied. The ESG-related statements in this material do not constitute advice, nor are they guarantees or predictions of future performance, and Westpac gives no representation, warranty or assurance (including as to the quality, accuracy or completeness of the statements). You should seek your own independent advice.

Additional country disclosures:

Australia: Westpac holds an Australian Financial Services Licence (No. 233714). You can access [Westpac's Financial Services Guide here](#) or request a copy from your Westpac point of contact. To the extent that this information contains any general advice, it has been prepared without taking into account your objectives, financial situation or needs and before acting on it you should consider the appropriateness of the advice.

New Zealand: In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac (NZ division) or Westpac New Zealand Limited (company number 1763882), the New Zealand incorporated subsidiary of Westpac (“WNZL”). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. WNZL is not an authorised deposit-taking institution for the purposes of Australian prudential standards. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at www.westpac.co.nz.

Singapore: This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients of this material in Singapore should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore.

Fiji: Unless otherwise specified, the products and services for Westpac Fiji are available from www.westpac.com.fj © Westpac Banking Corporation ABN 33 007 457 141. This information does not take your personal circumstances into account and before acting on it you

Disclaimer continues overleaf ►

should consider the appropriateness of the information for your financial situation. Westpac Banking Corporation ABN 33 007 457 141 is incorporated in NSW Australia and registered as a branch in Fiji. The liability of its members is limited.

Papua New Guinea: Unless otherwise specified, the products and services for Westpac PNG are available from www.westpac.com.pg © Westpac Banking Corporation ABN 33 007 457 141. This information does not take your personal circumstances into account and before acting on it you should consider the appropriateness of the information for your financial situation. Westpac Banking Corporation ABN 33 007 457 141 is incorporated in NSW Australia. Westpac is represented in Papua New Guinea by Westpac Bank - PNG - Limited. The liability of its members is limited.

U.S.: Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission ("CFTC") as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. The services and products referenced above are not insured by the Federal Deposit Insurance Corporation ("FDIC"). Westpac Capital Markets, LLC ("WCM"), a wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 ('the Exchange Act') and member of the Financial Industry Regulatory Authority ('FINRA'). In accordance with APRA's Prudential Standard 222 'Association with Related Entities', Westpac does not stand behind WCM other than as provided for in certain legal agreements between Westpac and WCM and obligations of WCM do not represent liabilities of Westpac.

This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accepts responsibility for the contents of this communication. Transactions by U.S. customers of any securities referenced herein should be effected through WCM. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not be subject to audit and reporting standards and regulatory

requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person of WCM or any other U.S. broker-dealer under the rules of FINRA, any other U.S. self-regulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.

UK: The London branch of Westpac is authorised in the United Kingdom by the Prudential Regulation Authority (PRA) and is subject to regulation by the Financial Conduct Authority (FCA) and limited regulation by the PRA (Financial Services Register number: 124586). The London branch of Westpac is registered at Companies House as a branch established in the United Kingdom (Branch No. BR000106). Details about the extent of the regulation of Westpac's London branch by the PRA are available from us on request.

This communication is not being made to or distributed to, and must not be passed on to, the general public in the United Kingdom. Rather, this communication is being made only to and is directed at (a) those persons falling within the definition of Investment Professionals (set out in Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order")); (b) those persons falling within the definition of high net worth companies, unincorporated associations etc. (set out in Article 49(2) of the Order; (c) other persons to whom it may lawfully be communicated in accordance with the Order or (d) any persons to whom it may otherwise lawfully be made (all such persons together being referred to as "relevant persons"). Any person who is not a relevant person should not act or rely on this communication or any of its contents. In the same way, the information contained in this communication is intended for "eligible counterparties" and "professional clients" as defined by the rules of the Financial Conduct Authority and is not intended for "retail clients". Westpac expressly prohibits you from passing on the information in this communication to any third party.

European Economic Area ("EEA"): This material may be distributed to you by either: (i) Westpac directly, or (ii) Westpac Europe GmbH ("WEG") under a sub-licensing arrangement. WEG has not edited or otherwise modified the content of this material. WEG is authorised in Germany by the Federal Financial Supervision Authority ('BaFin') and subject to its

regulation. WEG's supervisory authorities are BaFin and the German Federal Bank ('Deutsche Bundesbank'). WEG is registered with the commercial register ('Handelsregister') of the local court of Frankfurt am Main under registration number HRB 118483. In accordance with APRA's Prudential Standard 222 'Association with Related Entities', Westpac does not stand behind WEG other than as provided for in certain legal agreements (a risk transfer, sub-participation and collateral agreement) between Westpac and WEG and obligations of WEG do not represent liabilities of Westpac. Any product or service made available by WEG does not represent an offer from Westpac or any of its subsidiaries (other than WEG). All disclaimers set out with respect to Westpac apply equally to WEG.

This communication is not intended for distribution to, or use by any person or entity in any jurisdiction or country where such distribution or use would be contrary to local law or regulation.

This communication contains general commentary, research, and market colour. The communication does not constitute investment advice. The material may contain an 'investment recommendation' and/or 'information recommending or suggesting an investment', both as defined in Regulation (EU) No 596/2014 (including as applicable in the United Kingdom) ("MAR"). In accordance with the relevant provisions of MAR, reasonable care has been taken to ensure that the material has been objectively presented and that interests or conflicts of interest of the sender concerning the financial instruments to which that information relates have been disclosed.

Investment recommendations must be read alongside the specific disclosure which accompanies them and the general disclosure which can be found [here](#). Such disclosure fulfils certain additional information requirements of MAR and associated delegated legislation and by accepting this communication you acknowledge that you are aware of the existence of such additional disclosure and its contents.

To the extent this communication comprises an investment recommendation it is classified as non-independent research. It has not been prepared in accordance with legal requirements designed to promote the independence of investment research and therefore constitutes a marketing communication. Further, this communication is not subject to any prohibition on dealing ahead of the dissemination of investment research.