

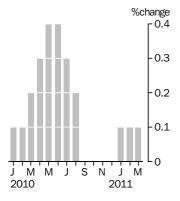
RETAIL TRADE

AUSTRALIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 5 MAY 2011

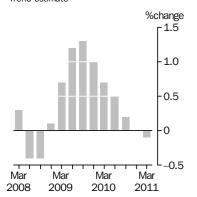
Monthly Turnover

Current Prices Trend Estimate



Quarterly Turnover

in volume terms
Trend estimate



INQUIRIES

For further information about these and related statistics, contact the National Information and Referral Service on 1300 135 070 or Paul Slater on Sydney (02) 9268 4581.

KEY FIGURES

	March 2011 \$m	Feb 2011 to Mar 2011 % change
Turnover at current prices		
Trend	20 435.1	0.1
Seasonally Adjusted	20 457.4	-0.5

March Qtr 2010
Qtr to March
2011 Qtr 2011
\$m % change

Turnover in volume terms

Trend	59 775.9	-0.1
Seasonally Adjusted	59 761.0	0.0

KEY POINTS

CURRENT PRICES

- The trend estimate rose 0.1% in March 2011. This follows a rise of 0.1% in February 2011 and a rise of 0.1% in January 2011.
- The seasonally adjusted estimate fell 0.5% in March 2011. This follows a revised rise of 0.8% in February 2011 and a revised rise of 0.3% in January 2011.
- In trend terms, Australian turnover rose 2.0% in March 2011 compared with March 2010.
- The following industries rose in trend terms in March 2011: Food retailing (0.4%) and Other retailing (0.3%). Clothing, footwear and personal accessory retailing (0.0%) and Cafes, restaurants and takeaway food services (0.0%) were relatively unchanged. Household goods retailing (-0.4%) and Department stores (-0.1%) fell in trend terms in March 2011.
- The following states and territories rose in trend terms in March 2011: Western Australia (0.8%), New South Wales (0.2%), Queensland (0.1%), the Northern Territory (1.2%), South Australia (0.2%) and the Australian Capital Territory (0.2%). Victoria (-0.2%) and Tasmania (-0.3%) fell in trend terms in March 2011.

VOLUME TERMS

■ In volume terms, the trend estimate for Australian retail turnover fell 0.1% in the March quarter 2011.

NOTES

FORTHCOMING ISSUES

 ISSUE
 RELEASE DATE

 April 2011
 2 June 2011

 May 2011
 4 July 2011

 June 2011
 3 August 2011

 July 2011
 1 September 2011

 August 2011
 5 October 2011

 September 2011
 3 November 2011

IMPACT OF THE FLOODS

For December 2010 and January 2011, data collection activities were disrupted by the floods in Queensland. Although the quality and reliability of the Australian series were not affected, the estimates for Queensland subgroup and sample sector series for December 2010 and January 2011 were impacted by lower than usual response to the survey and therefore should be used with caution. Data collection activities largely returned to normal for February 2011 and March 2011.

The seasonal adjustment of several Queensland series and the Australian total series now includes a large extreme correction for February 2011. This correction allows improved separation of seasonal influences from the impact of unusual, flood-related influences. The correction is estimated using data up to and including March 2011. Details on the use of large extreme corrections to stabilise estimates of the trend and seasonal pattern during unusual events can be found in the feature article: *When it's not* "Business-as-usual": Implications for ABS Time Series in the August 2009 issue of Australian Economic Indicators (cat. no. 1350.0).

REVISIONS

Original estimates for December quarter 2010 have been revised as a result of updated information received from survey respondents.

Revisions to seasonally adjusted estimates are due to the concurrent methodology for deriving seasonal factors. This includes the use of a large extreme correction for flood related influences for February 2011. See *Impact of the floods* above for details.

TIME SERIES DATA

Data available from the Downloads tab of this issue on the ABS website include longer time series of tables in this publication, the quarterly chain volume measures and the following additional current price monthly series:

- Retail turnover by state and 15 industry subgroups in trend, seasonally adjusted and original terms
- Retail turnover completely enumerated and sample sector, by six industry groups in original terms
- $\,\blacksquare\,$ Retail turnover completely enumerated and sample sector, by state in original terms
- Retail turnover completely enumerated sector, total level in trend, seasonally adjusted and original terms.

Brian Pink

Australian Statistician

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TOTAL RETAIL - MONTHLY

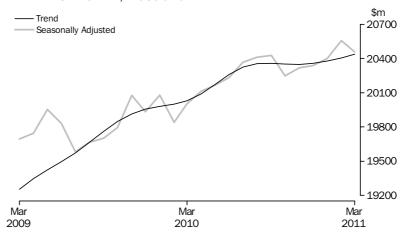
The chart below shows the trend series and seasonally adjusted series to March 2011.

In current prices, the trend estimate for Australian turnover rose 0.1% in March 2011 following a rise of 0.1% in February 2011 and a rise of 0.1% January 2011.

The seasonally adjusted estimate for Australian turnover fell 0.5% in March 2011 following a revised rise of 0.8% in February 2011 and a revised rise of 0.3% in January 2011. The upwards revision to February 2011 was material and was the result of the large extreme correction for flood-related influences for that month. See page 2 – *Impact of the floods*.

The original estimate for Australian turnover rose 10.2% in March 2011. The original estimate for chains and other larger retailers rose 11.2% in March 2011. The original estimate for smaller retailers rose 8.7% in March 2011.

RETAIL TURNOVER, Australia



TOTAL RETAIL -QUARTERLY In volume terms, the seasonally adjusted estimate for the March quarter 2011 was relatively unchanged (0.0%), following a fall of 0.4% in the December quarter 2010 and a rise of 0.5% in the September quarter 2010.

In the March quarter 2011, the seasonally adjusted estimate rose in volume terms for Food retailing (0.6%), Other retailing (1.5%), Department stores (0.2%) and Clothing, footwear and personal accessory retailing (0.2%). The seasonally adjusted estimate fell in volume terms for Household goods retailing (-1.3%) and Cafes, restaurants and takeaway food services (-0.6%) in the March quarter 2011.

The Implicit Price Deflator for Australian retail turnover rose 0.8% in seasonally adjusted terms in the March quarter 2011.

TOTAL RETAIL - BY STATE

The following states and territories rose in trend terms in March 2011: Western Australia (0.8%), New South Wales (0.2%), Queensland (0.1%), the Northern Territory (1.2%), South Australia (0.2%) and the Australian Capital Territory (0.2%). Victoria (-0.2%) and Tasmania (-0.3%) fell in trend terms in March 2011.

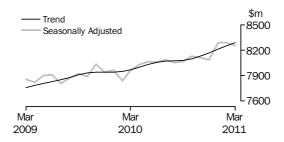
The following states and territories fell in seasonally adjusted terms in March 2011: Queensland (-2.9%), Western Australia (-0.4%), New South Wales (-0.1%), Tasmania (-1.4%) and the Australian Capital Territory (-0.3%). Victoria (0.9%), South Australia (0.3%) and the Northern Territory (0.3%) rose in seasonally adjusted terms in March 2011.

RETAIL TURNOVER, States and Territories %change ■ Seasonally Adjusted 2 1 0 -1 -2 NSW VIC TAS QĽD SA WA ACT Total

In the March quarter 2011, the seasonally adjusted estimate rose in volume terms for Western Australia (3.1%), Queensland (0.7%), the Northern Territory (4.3%) and the Australian Capital Territory (0.5%). The seasonally adjusted estimate fell in volume terms for Victoria (-1.4%), New South Wales (-0.3%), Tasmania (-1.5%) and South Australia (-0.1%).

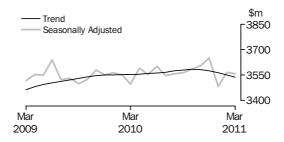
FOOD RETAILING

In current prices, the trend estimate for Food retailing rose 0.4% in March 2011. The seasonally adjusted estimate fell 0.4%. By industry subgroup, the trend estimate rose for Supermarkets and grocery stores (0.3%), Other specialised food retailing (0.8%) and Liquor retailing (0.2%). The seasonally adjusted estimate fell for Supermarkets and grocery stores (-0.4%) and Other specialised food retailing (-1.0%) and was relatively unchanged for Liquor retailing (0.0%).

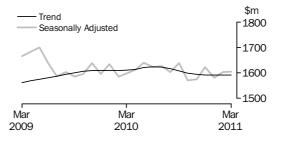


HOUSEHOLD GOODS RETAILING

In current prices, the trend estimate for Household goods retailing fell 0.4% in March 2011. The seasonally adjusted estimate fell 0.3%. By industry subgroup, the trend estimate fell for Electrical and electronic goods retailing (-0.7%) and Furniture, floor coverings, houseware and textile goods retailing (-0.1%) and was relatively unchanged for Hardware, building and garden supplies retailing (0.0%). The seasonally adjusted estimate fell for Furniture, floor coverings, houseware and textile goods retailing (-1.2%) and Electrical and electronic goods retailing (-0.6%) and rose for Hardware, building and garden supplies retailing (1.0%).

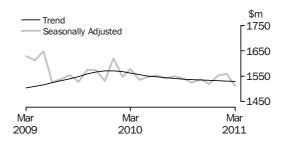


CLOTHING, FOOTWEAR AND PERSONAL ACCESSORY RETAILING In current prices, the trend estimate for Clothing, footwear and personal accessory retailing was relatively unchanged (0.0%) in March 2011. The seasonally adjusted estimate rose 0.1%. By industry subgroup the trend estimate rose for Footwear and other personal accessory retailing (0.3%) and fell for Clothing retailing (-0.1%). The seasonally adjusted estimate rose for Footwear and other personal accessory retailing (0.7%) and fell for Clothing retailing (-0.2%).



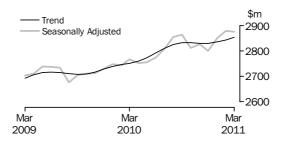
DEPARTMENT STORES

In current prices, the trend estimate for Department stores fell 0.1% in March 2011. The seasonally adjusted estimate fell 3.0%.

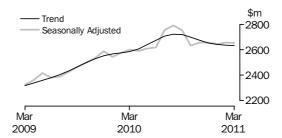


OTHER RETAILING

In current prices, the trend estimate for Other retailing rose 0.3% in March 2011. The seasonally adjusted estimate fell 0.1%. By industry subgroup, the trend estimate rose for Other retailing n.e.c. (1.3%), Pharmaceutical, cosmetic and toiletry goods retailing (0.2%) and Newspaper and book retailing (0.2%) and fell for Other recreational goods retailing (-1.9%). The seasonally adjusted estimate fell for Other retailing n.e.c. (-0.8%) and Other recreational goods retailing (-1.9%) and rose for Pharmaceutical, cosmetic and toiletry goods retailing (0.8%) and Newspaper and book retailing (0.4%).



CAFES, RESTAURANTS AND TAKEAWAY FOOD SERVICES In current prices, the trend estimate for Cafes, restaurants and takeaway food services was relatively unchanged (0.0%) in March 2011. The seasonally adjusted estimate fell 0.1%. By industry subgroup, the trend estimate fell for Takeaway food services (-0.1%) and rose for Cafes, restaurants and catering services (0.1%). The seasonally adjusted estimate fell for Cafes, restaurants and catering services (-0.3%) and rose for Takeaway food services (0.2%).



RETAIL TURNOVER, By Industry Group

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July 8 071.1 3 567.1 1 622.0 1 543.9 2 811.1 2 707.2 20 322.3 August 8 074.8 3 573.8 1 616.2 1 541.5 2 825.9 2 722.7 20 354.8 September 8 080.3 3 580.0 1 607.1 1 538.6 2 833.0 2 719.4 20 358.3 October 8 099.4 3 583.4 1 599.1 1 536.6 2 833.1 2 699.7 20 351.4 November 8 131.5 3 582.4 1 594.2 1 534.9 2 830.4 2 673.7 20 347.4 December 8 170.9 3 575.4 1 591.9 1 534.0 2 830.4 2 653.0 20 356.4 2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7	May	8 029.2	3 559.9	1 620.4	1 550.8	2 773.3	2 637.8	20 171.4
August 8 074.8 3 573.8 1 616.2 1 541.5 2 825.9 2 722.7 20 354.8 September 8 080.3 3 580.0 1 607.1 1 538.6 2 833.0 2 719.4 20 358.3 October 8 099.4 3 583.4 1 599.1 1 536.6 2 833.1 2 699.7 20 351.4 November 8 131.5 3 582.4 1 594.2 1 534.9 2 830.4 2 673.7 20 347.4 December 8 170.9 3 575.4 1 591.9 1 534.0 2 830.4 2 653.0 20 356.4 2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7								
September 8 080.3 3 580.0 1 607.1 1 538.6 2 833.0 2 719.4 20 358.3 October 8 099.4 3 583.4 1 599.1 1 536.6 2 833.1 2 699.7 20 351.4 November 8 131.5 3 582.4 1 594.2 1 534.9 2 830.4 2 673.7 20 347.4 December 8 170.9 3 575.4 1 591.9 1 534.0 2 830.4 2 653.0 20 356.4 2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7	•							
October 8 099.4 3 583.4 1 599.1 1 536.6 2 833.1 2 699.7 20 351.4 November 8 131.5 3 582.4 1 594.2 1 534.9 2 830.4 2 673.7 20 347.4 December 8 170.9 3 575.4 1 591.9 1 534.0 2 830.4 2 653.0 20 356.4 2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7								
November December 8 131.5 3 582.4 1 594.2 1 534.9 2 830.4 2 673.7 20 347.4 December 8 170.9 3 575.4 1 591.9 1 534.0 2 830.4 2 653.0 20 356.4 2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7	•							
December 8 170.9 3 575.4 1 591.9 1 534.0 2 830.4 2 653.0 20 356.4 2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7								
2011 January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7								
January 8 211.8 3 563.8 1 591.3 1 532.8 2 835.4 2 641.8 20 378.3 February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7		8 170.9	35/5.4	1 591.9	1 534.0	∠ 830.4	∠ 653.0	∠∪ 356.4
February 8 251.8 3 551.0 1 591.8 1 530.9 2 843.0 2 634.8 20 404.7								
	-							
IMARCH 8 288.3 3 537.9 1 591.6 1 529.2 2 852.9 2 633.5 20 435.1	•							
	March	8 288.3	3 537.9	1 591.6	1 529.2	2 852.9	2 633.5	20 435.1



RETAIL TURNOVER, By Industry Group—Percentage change from previous month

	Household Clothing, footwear Cafes, restau										
	Food retailing	goods retailing	& personal accessory retailing	Department stores	Other retailing	& takeaway food services	Total				
Month	%	%	%	%	%	%	%				
• • • • • • • • • •	• • • • • • • •		OR	IGINAL	• • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • •				
2010											
January	-12.5	-24.4	-38.1	-47.4	-31.9	-13.0	-23.8				
February	-10.5	-14.3	-17.7	-24.3	-6.8	-7.8	-11.9				
March April	10.7 -2.3	8.8 -3.3	13.9 3.7	24.1 0.7	11.7 -5.9	12.2 –2.8	11.8 -2.4				
May	-2.3 0.7	-3.3 4.6	9.6	2.7	-5.9 3.2	-2.6 1.4	2.6				
June	-4.6	6.9	-5.8	8.7	-1.1	-2.6	-1.0				
July	6.9	-3.1	1.3	1.9	6.1	11.0	4.6				
August	-1.5	0.5	-4.4	-16.3	1.3	0.7	-1.8				
September	-0.9	-0.7	6.5	7.4	0.2	-2.0	0.3				
October	4.9	6.2	-1.1	3.0	1.5	-0.5	3.3				
November	0.6	3.8	3.8	16.4	5.0	-1.7	2.8				
December	14.5	26.5	53.8	61.4	31.6	12.5	25.7				
2011 January	-11.5	-28.7	-41.2	-48.7	-31.9	-14.0	-24.6				
February	-11.5 -9.0	-23. <i>1</i> -11.4	-41.2 -13.8	-48.7 -20.9	-31.9 -4.8	-14.0 -8.0	-24.0 -9.9				
March	8.3	9.8	14.2	18.3	10.6	10.8	10.2				
• • • • • • • • • •	SEASONALLY ADJUSTED										
2010											
January	0.3	0.4	2.5	5.9	0.7	-1.6	0.7				
February	-1.6	-0.4	-3.1	-4.6	-0.1	1.2	-1.2				
March	1.5	-1.5	0.7	2.1	0.9	0.9	0.8				
April	0.8	2.7	1.0	-2.8	-0.6	-0.3	0.6				
May	0.4	-1.1	1.7	0.8	0.1	0.7	0.3				
June	0.0	1.4	-1.1	0.4	0.7	0.4	0.3				
July	0.3	-1.6	0.3	-0.8	1.2	5.2	0.7				
August	-0.4	0.4	-1.4	0.5	1.6	1.2	0.2				
September October	0.1 0.8	0.2 0.6	2.2 -4.2	-0.6 -1.1	0.3 -1.8	−1.2 −4.5	0.1 -0.9				
November	-0.2	0.6	0.3	0.9	0.6	1.0	0.3				
December	-0.3	1.2	3.1	-1.3	-1.0	-0.1	0.1				
2011											
January	2.5	-4.5	-2.6	2.2	1.8	-0.4	0.3				
February	0.0	2.3	1.4	0.4	1.0	0.4	0.8				
March	-0.4	-0.3	0.1	-3.0	-0.1	-0.1	-0.5				
• • • • • • • • • •	• • • • • • • • •	• • • • • • • • •	T	REND	• • • • • • • • •	• • • • • • • • • • • • •	• • • • • • • •				
2010											
January	0.0	0.0	-0.1	0.0	0.4	0.5	0.1				
February	0.1	0.0	0.0	-0.2	0.3	0.3	0.1				
March	0.2	0.0	0.1	-0.4	0.2	0.4	0.2				
April	0.4	0.1	0.2	-0.4	0.3	0.8	0.3				
May	0.4	0.1	0.4	-0.3	0.5	1.3	0.4				
June	0.4	0.1	0.2	-0.3	0.7	1.4	0.4				
July August	0.2 0.0	0.1 0.2	-0.1 -0.4	-0.2 -0.2	0.7 0.5	1.2 0.6	0.3 0.2				
September	0.0	0.2	-0.4 -0.6	-0.2 -0.2	0.3	-0.1	0.2				
October	0.2	0.1	-0.5	-0.2 -0.1	0.0	-0.1 -0.7	0.0				
November	0.4	0.0	-0.3	-0.1	-0.1	-1.0	0.0				
December	0.5	-0.2	-0.1	-0.1	0.0	-0.8	0.0				
2011											
January	0.5	-0.3	0.0	-0.1	0.2	-0.4	0.1				
February March	0.5	-0.4	0.0	-0.1	0.3	-0.3 0.0	0.1				
March	0.4	-0.4	0.0	-0.1	0.3	0.0	0.1				

RETAIL TURNOVER, By State

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia
Month	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	ORIGIN	A L	• • • • • • •	• • • • • •	•••••	• • • • • • • •
2010									
January	6 219.1	4 933.0	4 046.3	1 436.0	2 153.9	431.7	195.6	365.2	19 780.8
February	5 377.6	4 406.1	3 525.0	1 258.8	1 925.4	404.4	188.9	332.9	17 419.1
March	6 022.9	4 922.2	3 920.4	1 442.7	2 134.6	442.0	214.6	374.4	19 473.8
April May	5 828.6 6 066.2	4 851.3 4 949.3	3 824.7 3 921.7	1 405.4 1 420.6	2 102.7 2 132.2	420.9 422.3	216.0 225.4	363.5 373.8	19 013.1 19 511.5
June	5 981.1	4 949.3	3 921.7	1 420.0	2 132.2	406.7	230.8	373.6	19 311.5
July	6 188.3	5 102.4	4 234.0	1 453.1	2 177.8	427.3	252.5	367.6	20 203.0
August	6 114.2	5 024.5	4 135.6	1 402.7	2 130.5	414.2	244.3	363.9	19 829.9
September	6 142.0	5 048.8	4 113.9	1 400.5	2 168.6	411.9	235.2	361.5	19 882.6
October	6 297.7	5 270.2	4 186.8	1 479.9	2 254.4	438.9	223.0	386.6	20 537.6
November	6 581.2	5 446.2	4 252.2	1 499.4	2 278.6	451.2	215.1	398.0	21 121.9
December	8 334.2	6 963.5	5 255.4	1 851.6	2 847.0	559.3	243.8	488.2	26 542.8
2011									
January	6 300.1	5 016.8	4 062.3	1 429.0	2 218.6	415.0	199.4	377.1	20 018.3
February	5 574.1	4 522.8	3 692.9	1 277.4	2 037.2	394.9	194.9	341.7	18 035.9
March	6 088.5	5 091.2	3 990.7	1 442.2	2 251.1	423.6	219.4	376.3	19 883.1
• • • • • • • • • •	• • • • • • •	• • • • • • •				• • • • • • •	• • • • • • •	• • • • • • •	• • • • • • • •
			SEAS	ONALLY A	ADJUSTEL)			
2010									
January	6 240.8	5 047.0	4 102.3	1 453.6	2 197.6	437.5	222.0	376.9	20 077.6
February	6 098.0	5 018.4	4 068.7	1 430.8	2 184.9	441.7	223.1	375.6	19 841.3
March	6 229.2	5 020.1	4 059.1 4 105.7	1 447.5 1 481.3	2 198.0 2 194.0	440.2 440.5	226.2 228.2	381.0 379.4	20 001.3 20 111.7
April May	6 191.0 6 249.9	5 091.6 5 114.1	4 103.7	1 461.3	2 194.0	440.3	226.2	379.4 376.6	20 111.7
June	6 300.3	5 133.2	4 106.2	1 457.8	2 193.1	434.9	226.9	379.3	20 231.5
July	6 321.4	5 220.8	4 149.9	1 460.8	2 177.1	433.1	227.1	375.9	20 366.1
August	6 370.0	5 203.1	4 137.0	1 461.5	2 202.1	433.2	225.3	378.6	20 410.7
September	6 333.4	5 238.3	4 134.1	1 462.3	2 220.3	432.9	228.3	377.2	20 426.8
October	6 233.2	5 208.4	4 094.3	1 460.2	2 220.9	434.4	218.4	379.8	20 249.7
November	6 274.5	5 219.8	4 123.6	1 446.0	2 220.0	433.8	215.8	383.9	20 317.3
December	6 311.1	5 230.9	4 135.0	1 424.1	2 208.9	428.8	217.2	382.6	20 338.7
2011									
January	6 315.9	5 173.3	4 136.4	1 459.7	2 272.7	425.0	226.3	391.6	20 401.1
February	6 319.5	5 157.2	4 268.3	1 453.6	2 309.5	431.3	229.7	385.3	20 554.4
March	6 313.2	5 201.2	4 143.9	1 458.5	2 300.7	425.3	230.4	384.2	20 457.4
• • • • • • • • • •	• • • • • • • •	• • • • • • •	• • • • • • • • •	TRENE)	• • • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •
2010									
January	6 215.9	5 005.6	4 085.7	1 441.0	2 189.7	441.4	223.4	377.0	19 979.5
February	6 204.9	5 026.0	4 082.9	1 447.7	2 193.4	440.7	224.5	378.0	19 998.1
March	6 202.3	5 050.8	4 084.6	1 454.3	2 192.9	440.0	225.5	378.5	20 028.9
April	6 219.2	5 081.4	4 092.4	1 460.0	2 190.6	439.1	226.5	378.5	20 087.7
May	6 252.8	5 116.7	4 104.8	1 464.2	2 189.5	437.9	227.4	378.2	20 171.4
June	6 288.6	5 153.1	4 117.4	1 466.3	2 191.0	436.4	227.6	377.8	20 258.4
July	6 312.4	5 185.4	4 125.9	1 465.0	2 194.3	435.0	226.8	377.5	20 322.3
August	6 318.9	5 210.6	4 128.8	1 461.4	2 198.7	433.9	224.9	377.7	20 354.8
September October	6 312.5 6 302.6	5 222.9 5 223.0	4 127.2 4 125.0	1 456.3 1 452.2	2 204.7 2 214.4	433.1 432.4	222.7 221.0	378.8 380.7	20 358.3 20 351.4
November	6 302.6	5 223.0	4 125.0 4 124.8	1 452.2 1 449.5	2 214.4	432.4 431.5	221.0	380.7 382.7	20 351.4
December	6 296.0	5 204.2	4 124.8	1 449.5	2 244.2	431.3	221.6	384.5	20 356.4
2011								55 1.0	_0 000.4
January	6 302.1	5 194.4	4 131.9	1 448.5	2 262.7	428.9	223.6	385.8	20 378.3
February	6 308.8	5 186.0	4 131.9	1 450.0	2 282.1	427.6	226.0	386.7	20 376.3
March	6 319.5	5 176.6	4 142.5	1 452.3	2 301.2	426.3	228.6	387.4	20 435.1
-			-		· · · · · ·			-	



RETAIL TURNOVER, By State—Percentage change from previous month

	New							Australian					
	South			South	Western		Northern	Capital					
	Wales	Victoria	Queensland	Australia	Australia	Tasmania	Territory	Territory	Australia				
Month	%	%	%	%	%	%	%	%	%				
• • • • • • • • • •	• • • • • •	• • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • •	• • • • • • • • •	• • • • • • • •	• • • • • • •				
	ORIGINAL												
2010													
January	-24.6	-24.6	-22.4	-21.5	-23.4	-24.4	-21.7	-23.7	-23.8				
February	-13.5	-10.7	-12.9	-12.3	-10.6	-6.3	-3.4	-8.8	-11.9				
March	12.0	11.7	11.2	14.6	10.9	9.3	13.6	12.5	11.8				
April May	-3.2 4.1	-1.4 2.0	-2.4 2.5	-2.6 1.1	-1.5 1.4	-4.8 0.3	0.7 4.3	–2.9 2.8	-2.4 2.6				
June	-1.4	-0.9	0.1	-1.4	-1.8	-3.7	2.4	-0.4	-1.0				
July	3.5	4.1	7.8	3.7	4.0	5.1	9.4	-1.3	4.6				
August	-1.2	-1.5	-2.3	-3.5	-2.2	-3.1	-3.3	-1.0	-1.8				
September	0.5	0.5	-0.5	-0.2	1.8	-0.6	-3.7	-0.6	0.3				
October	2.5	4.4	1.8	5.7	4.0	6.6	-5.2	6.9	3.3				
November	4.5	3.3	1.6	1.3	1.1	2.8	-3.5	2.9	2.8				
December	26.6	27.9	23.6	23.5	24.9	23.9	13.3	22.7	25.7				
2011													
January	-24.4	-28.0	-22.7	-22.8	-22.1	-25.8	-18.2	-22.8	-24.6				
February	-11.5	-9.8	-9.1	-10.6	-8.2	-4.9	-2.3	-9.4	-9.9				
March	9.2	12.6	8.1	12.9	10.5	7.3	12.6	10.1	10.2				
			SE	ASONALLY	ADJUSTE	E D							
2010													
January	-0.3	1.9	0.2	3.0	0.9	-0.7	0.0	0.2	0.7				
February	-2.3	-0.6	-0.8	-1.6	-0.6	0.9	0.5	-0.3	-1.2				
March	2.2	0.0	-0.2	1.2	0.6	-0.3	1.3	1.4	0.8				
April	-0.6 1.0	1.4 0.4	1.1 -0.1	2.3 -0.9	-0.2 -0.3	0.1 -0.1	0.9 -0.7	-0.4 -0.7	0.6 0.3				
May June	0.8	0.4	0.1	-0.9 -0.7	-0.3 0.3	-0.1 -1.2	-0.7 0.1	-0.7 0.7	0.3				
July	0.3	1.7	1.1	0.2	-0.7	-0.4	0.1	-0.9	0.7				
August	0.8	-0.3	-0.3	0.0	1.1	0.0	-0.8	0.7	0.2				
September	-0.6	0.7	-0.1	0.1	0.8	-0.1	1.3	-0.4	0.1				
October	-1.6	-0.6	-1.0	-0.1	0.0	0.4	-4.4	0.7	-0.9				
November	0.7	0.2	0.7	-1.0	0.0	-0.2	-1.2	1.1	0.3				
December	0.6	0.2	0.3	-1.5	-0.5	-1.1	0.6	-0.3	0.1				
2011													
January	0.1	-1.1	0.0	2.5	2.9	-0.9	4.2	2.4	0.3				
February	0.1	-0.3	3.2	-0.4	1.6	1.5	1.5	-1.6	0.8				
March	-0.1	0.9	-2.9	0.3	-0.4	-1.4	0.3	-0.3	-0.5				
				TRE	N D								
2010													
January	-0.1	0.4	-0.1	0.4	0.4	-0.2	0.4	0.4	0.1				
February	-0.2	0.4	-0.1	0.5	0.2	-0.2	0.5	0.3	0.1				
March	0.0	0.5	0.0	0.5	0.0	-0.2	0.4	0.1	0.2				
April	0.3	0.6	0.2 0.3	0.4	-0.1 -0.1	-0.2	0.4	0.0 -0.1	0.3				
May June	0.5 0.6	0.7 0.7	0.3	0.3 0.1	-0.1 0.1	-0.3 -0.3	0.4 0.1	-0.1 -0.1	0.4 0.4				
July	0.4	0.7	0.3	-0.1	0.1	-0.3 -0.3	-0.4	-0.1 -0.1	0.4				
August	0.4	0.5	0.1	-0.1	0.2	-0.3	-0.4	0.1	0.2				
September	-0.1	0.2	0.0	-0.3	0.3	-0.2	-1.0	0.3	0.0				
October	-0.2	0.0	-0.1	-0.3	0.4	-0.2	-0.7	0.5	0.0				
November	-0.1	-0.2	0.0	-0.2	0.6	-0.2	-0.2	0.5	0.0				
December	0.0	-0.2	0.1	-0.1	0.7	-0.3	0.4	0.5	0.0				
2011													
January	0.1	-0.2	0.1	0.0	0.8	-0.3	0.9	0.3	0.1				
February	0.1	-0.2	0.1	0.1	0.9	-0.3	1.1	0.2	0.1				
March	0.2	-0.2	0.1	0.2	0.8	-0.3	1.2	0.2	0.1				



RETAIL TURNOVER, By Industry Group, Volume and Price: Seasonally Adjusted(a)—Percentage change from previous quarter

	Food retailing	Household goods retailing	Clothing, footwear & personal accessory retailing	Department stores	Other retailing	Cafes, restaurants & takeaway food services	Total			
Quarter	%	%	%	%	%	%	%			
• • • • • • • • • •	• • • • • •	• • • • • • • •	OUDDENT	DD1050	• • • • • • •	• • • • • • •	• • • • • • •			
			CURRENT	PRICES						
2009										
March	3.0	0.1	4.7	1.9	1.4	4.3	2.5			
June	1.2	2.1	4.0	2.1	1.9	3.1	2.0			
September	-0.1	-1.8	-4.9	-3.5	-0.9	1.8	-1.0			
December	1.1	1.0	1.1	1.3	0.5	4.6	1.4			
2010										
March	-0.4	-0.4	-0.3	1.4	1.3	1.3	0.2			
June	1.6	1.3	1.2	-2.3	0.3	1.3	1.0			
September	0.2	-0.7	-0.1	-0.1	3.0	6.2	1.1			
December	0.5	1.6	-2.1	-1.1	-1.1	-4.3	-0.5			
2011										
March	2.1	-2.2	0.5	0.9	2.0	0.1	0.8			
• • • • • • • • • •	CHAIN VOLUME MEASURES									
2009										
March	1.8	-1.5	3.6	1.0	0.7	3.3	1.3			
June	1.1	2.0	3.9	1.5	0.9	2.4	1.8			
September	0.2	-2.0	-3.5	-4.0	-0.8	0.9	-0.9			
December	0.3	2.2	2.0	1.3	0.5	4.1	1.2			
2010										
March	-0.7	0.0	1.1	2.3	0.9	0.6	0.3			
June	0.3	2.4	2.8	-1.5	-0.4	0.7	0.7			
September	-0.6	-0.7	-1.5	-0.7	2.5	5.4	0.5			
December	-0.1	2.7	-1.0	-0.4	-0.9	-4.9	-0.4			
	0.1	۷.1	1.0	0.4	0.9	7.3	0.4			
2011 March	0.6	-1.3	0.2	0.2	1.5	-0.6	0.0			
• • • • • • • • • •	• • • • • •			E DEFLATO		• • • • • • •	• • • • • • • •			
		=	. 3 1 1110		•					
2009										
March	1.2	1.7	1.1	0.9	0.8	1.0	1.1			
June	0.0	0.1	0.0	0.6	1.0	0.7	0.2			
September	-0.3	0.2	-1.5	0.5	-0.1	0.8	-0.1			
December	0.8	-1.2	-0.9	-0.1	0.0	0.5	0.2			
2010										
March	0.3	-0.4	-1.3	-0.9	0.3	0.8	-0.1			
June	1.3	-0.4	-1.5	-0.9 -0.9	0.3	0.6	0.2			
September	0.8	-0.1	1.5	0.6	0.7	0.7	0.2			
December	0.6	-0.1 -1.0	-1.1	-0.7	-0.2	0.6	-0.1			
	0.0	1.0	1.1	0.1	0.2	0.0	0.1			
2011 March	1.5	-0.9	0.3	0.7	0.4	0.7	0.8			

⁽a) Reference year for chain volume measures is 2008-09. See paragraph 31 of the Explanatory Notes.



RETAIL TURNOVER, By State, Volume and Price: Seasonally Adjusted(a)—Percentage change from previous quarter

Australian South South Western Northern Capital Wales Victoria Oueensland Australia Australia Tasmania Territory Territory Australia Quarter CURRENT PRICES 2009 March 3.6 2.8 1.8 0.7 0.9 1.5 3.5 2.3 2.5 2.3 1.6 2.5 1.7 1.5 2.4 -1.12.0 September -0.5-0.8 -1.8-0.8 -0.1 -1.9-0.70.1 -1.0December 2.9 0.7 0.3 1.1 1.8 0.9 2.3 0.9 1.4 2010 March -0.8 1.4 -0.4 1.0 8.0 -0.9 0.6 1.0 0.2 0.7 1.7 -0.30.2 June 0.9 1.7 -0.11.6 1.0 2.1 September 1.5 0.9 -0.50.4 -1.2-0.1-0.3 December -1.10.0 -0.5-1.20.8 -0.2-4.31.3 -0.52011 March 0.7 -0.8 1.6 1.0 3.5 -1.25.4 1.3 0.8 CHAIN VOLUME MEASURES 2009 0.7 -0.32.6 1.1 0.2 0.2 2.2 1.0 1.3 March June 2.1 1.8 2.1 1.3 2.1 -1.7September -0.4-0.6-2.0-0.3-0.80.1 -2.0-0.2-0.9December 2.7 0.4 0.1 0.9 1.4 0.6 2.1 8.0 1.2 2010 March -0.6 1.4 -0.41.3 0.8 -0.9 0.5 1.5 0.3 -0.7June 0.7 1.6 0.5 1.3 -0.41.0 -0.10.7 September 0.6 1.4 0.4 -1.20.0 -1.9-0.3-1.10.5 December -0.7 -0.8 -0.8 -0.20.8 0.3 -4.01.2 -0.42011 March -0.3-1.40.7 -0.13.1 -1.54.3 0.5 0.0 IMPLICIT PRICE DEFLATORS 2009 March 1.0 1.7 1.1 1.0 0.7 1.3 1.2 1.3 1.1 June 0.2 -0.2 0.4 0.3 0.4 September -0.1-0.20.1 0.2 -0.30.0 0.2 -0.2-0.1December 0.1 0.3 0.2 0.2 0.4 0.3 0.2 0.1 0.2 2010 March -0.1 0.0 0.0 -0.40.1 0.0 0.1 -0.5 -0.10.4 0.6 June 0.3 0.1 0.2 0.5 0.3 0.3 0.2 September 0.9 0.7 0.4 0.7 0.4 0.7 0.2 0.7 0.7 December -0.40.1 0.3 -0.40.0 -0.50.1 -0.4-0.12011 March 1.0 0.6 0.9 1.0 0.4 0.4 1.0 0.8 0.8

⁽a) Reference year for chain volume measures is 2008-09. See paragraph 31 of the Explanatory Notes.

	Food	Household goods	Clothing, footwear & personal accessory	Department	Other	Cafes, restaurants & takeaway food	
Overter	retailing	retailing	retailing	stores	retailing	services	Total
Quarter	\$m	\$m	\$m	\$m	\$m	\$m	\$m
• • • • • • • • •	• • • • • • • •	• • • • • • • •	ORIGI	NAL	• • • • • • • •	• • • • • • • •	• • • • • • • •
2009							
March	22 640.5	9 789.9	4 374.6	3 910.7	7 470.9	6 649.1	54 801.2
June	22 641.7	10 092.7	4 805.3	4 472.5	7 632.8	6 896.4	56 530.6
September	23 082.1	10 192.6	4 545.4	4 234.8	7 826.3	7 140.1	57 015.9
December	25 200.7	12 142.1	5 881.5	5 983.9	9 371.1	7 853.7	66 432.3
2010							
March	22 772.1	10 041.9	4 458.4	3 981.0	7 637.3	7 181.6	56 074.6
June	22 478.1	10 323.4	4 879.4	4 381.5	7 628.2	7 284.8	56 979.3
September	22 957.4	10 615.5	4 758.7	4 309.7	8 139.3	7 926.6	58 711.2
December	r24 876.0	r12 703.4	r5 949.6	5 957.0	r9 551.0	r7 983.7	r67 025.1
2011 March	22 754.4	10 291.5	4 450.3	3 884.9	7 820.8	7 167.1	56 373.0
		SEA	SONALLY	ADJUSTED)		
2009							
March	23 086.2	10 442.1	4 795.5	4 682.1	8 047.9	6 880.2	57 911.8
June	23 350.7	10 653.4	4 983.3	4 752.2	8 117.7	7 047.4	58 936.0
September	23 390.5	10 439.0	4 807.6	4 564.0	8 056.5	7 113.4	58 401.6
December	23 469.9	10 670.9	4 904.6	4 624.8	8 094.9	7 404.1	59 115.5
2010							
March	23 304.7	10 669.3	4 957.5	4 730.9	8 171.2	7 446.8	59 272.9
June	23 367.8	10 920.9	5 095.1	4 661.7	8 140.2	7 495.9	59 712.1
September	23 231.2	10 846.1	5 017.0	4 630.9	8 343.0	7 903.8	59 992.4
December	23 219.5	11 138.9	4 964.7	4 612.9	8 268.1	7 519.4	59 739.3
2011 March	23 354.7	10 992.9	4 973.0	4 623.4	8 394.6	7 476.6	59 761.0
			TRE	ND			
2009							
March	22 807.7	10 275.1	4 618.1	4 506.5	8 008.7	6 794.4	57 008.3
June	23 111.1	10 332.6	4 696.9	4 507.3	8 059.7	6 971.2	57 687.8
September	23 345.5	10 463.3	4 796.0	4 566.1	8 082.3	7 165.9	58 422.0
December	23 428.5	10 614.0	4 901.4	4 641.8	8 099.0	7 316.9	58 989.9
2010							
March	23 387.6	10 731.3	4 992.2	4 683.6	8 142.3	7 479.1	59 406.6
June	23 305.9	10 847.2	5 036.9	4 675.9	8 203.7	7 620.9	59 706.1
September	23 265.5	10 943.8	5 025.3	4 641.5	8 263.9	7 664.2	59 825.9
December	23 266.7	11 019.8	4 991.1	4 618.5	8 322.2	7 622.2	59 840.0
2011							
March	23 285.9	11.050.6	4 951.9	4 614.7	8 379.8	7 521.9	50 775 0
IVIAIUI	23 200.9	11 059.6	4 301.3	4 014.7	0318.0	1 321.9	59 775.9

⁽a) Reference year for chain volume measures is 2008-09. See paragraph 31 of the Explanatory Notes.



RETAIL TURNOVER, Chain Volume Measures(a)—By Industry Group - Percentage change from previous quarter

	Clothing, Cafes, footwear restaurants Household & personal & takeaway Food goods accessory Department Other food					restaurants & takeaway	
	retailing	retailing	retailing	stores	retailing	services	Total
Quarter	%	%	%	%	%	%	%
• • • • • • • • •	• • • • • •	• • • • • • • •			• • • • • • • •	• • • • • • • •	• • • • • •
			ORIG	INAL			
2009							
March	-6.2	-19.0	-19.7	-35.2	-19.7	-5.8	-14.6
June	0.0	3.1	9.8	14.4	2.2	3.7	3.2
September	1.9	1.0	-5.4	-5.3	2.5	3.5	0.9
December	9.2	19.1	29.4	41.3	19.7	10.0	16.5
2010							
March	-9.6	-17.3	-24.2	-33.5	-18.5	-8.6	-15.6
June	-1.3	2.8	9.4	10.1	-0.1	1.4	1.6
September	2.1	2.8	-2.5	-1.6	6.7	8.8	3.0
December	8.4	19.7	25.0	38.2	17.3	0.7	14.2
2011							
March	-8.5	-19.0	-25.2	-34.8	-18.1	-10.2	-15.9
Maron	0.0						10.0
• • • • • • • • • •	• • • • • •			/ ADJUSTE		• • • • • • • • •	•••••
2009							
March	1.8	-1.5	3.6	1.0	0.7	3.3	1.3
June	1.1	2.0	3.9	1.5	0.9	2.4	1.8
September	0.2	-2.0	-3.5	-4.0	-0.8	0.9	-0.9
December	0.3	2.2	2.0	1.3	0.5	4.1	1.2
2010							
March	-0.7	0.0	1.1	2.3	0.9	0.6	0.3
June	0.3	2.4	2.8	-1.5	-0.4	0.7	0.7
September	-0.6	-0.7	-1.5	-0.7	2.5	5.4	0.5
December	-0.1	2.7	-1.0	-0.4	-0.9	-4.9	-0.4
	0.1		2.0		0.0		· · ·
2011 March	0.6	-1.3	0.2	0.2	1.5	-0.6	0.0
	• • • • • • •		TRE				
2009							
March	1.0	-0.7	1.2	-0.6	1.2	1.7	0.7
June	1.3	0.6	1.7	0.0	0.6	2.6	1.2
September	1.0	1.3	2.1	1.3	0.3	2.8	1.3
December	0.4	1.4	2.2	1.7	0.2	2.1	1.0
2010							
March	-0.2	1.1	1.9	0.9	0.5	2.2	0.7
June	-0.2 -0.3	1.1	0.9	-0.2	0.5	1.9	0.7
September	-0.3 -0.2	0.9	-0.2	-0.2 -0.7	0.8	0.6	0.5
December	0.0	0.9	-0.2 -0.7	-0.7 -0.5	0.7	-0.5	0.2
	0.0	0.7	-0.7	-0.5	0.7	-0.5	0.0
2011 March	0.1	0.4	-0.8	-0.1	0.7	-1.3	-0.1
Maion	0.1	0.4	-0.0	-0.1	0.1	-1.3	-0.1

⁽a) Reference year for chain volume measures is 2008-09. See paragraph 31 of the Explanatory Notes.



RETAIL TURNOVER, Chain Volume Measures(a)—By State

	New South Wales	Victoria	Queensland	South Australia	Western Australia	Tasmania	Northern Territory	Australian Capital Territory	Australia		
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m		
••••••											
				ORIGINA	L						
2009											
March	16 823.8	13 740.5	11 380.6	4 019.5	5 989.3	1 242.4	584.1	1 020.2	54 801.2		
June	17 367.5	14 204.2	11 721.3	4 114.7	6 157.5	1 255.2	633.8	1 075.7	56 530.6		
September	17 457.3	14 164.8	12 095.8	4 055.4	6 232.1	1 258.0	686.5	1 066.0	57 015.9		
December	20 969.1	16 645.0	13 478.6	4 721.1	7 227.5	1 465.6	690.4	1 234.9	66 432.3		
2010											
March	17 435.2	14 136.0	11 329.7	4 100.3	6 163.6	1 257.7	587.5	1 064.7	56 074.6		
June	17 626.5	14 530.8	11 456.7	4 159.8	6 227.1	1 226.4	654.1	1 097.9	56 979.3		
September	18 063.4	14 899.5	12 221.8	4 157.5	6 359.0	1 222.2	712.4	1 075.4	58 711.2		
December	r20 872.4	r17 357.3	r13 412.2	r4 755.9	7 281.6	1 421.3	r668.8	r1 255.8	r67 025.1		
2011											
March	17 447.4	14 265.0	11 372.2	4 041.8	6 383.7	1 201.7	593.8	1 067.4	56 373.0		
• • • • • • • • • • •	• • • • • • • • •	• • • • • • • • •	05400			• • • • • • •	• • • • • • •	• • • • • • • •	• • • • • • • •		
			SEASC	NALLY AI	DIOSIED						
2009											
March	17 741.3	14 487.6	12 094.9	4 220.7	6 328.9	1 288.2	653.2	1 085.2	57 911.8		
June	18 110.2	14 744.3	12 344.3	4 273.9	6 400.8	1 314.8	642.3	1 099.8	58 936.0		
September	18 032.9	14 660.3	12 094.9	4 188.5	6 378.5	1 304.1	641.2	1 101.2	58 401.6		
December	18 524.3	14 720.4	12 101.1	4 226.6	6 466.5	1 311.8	654.6	1 110.1	59 115.5		
2010											
2010 March	10 101 0	14 021 7	10 0E1 0	4 000 7	6 516.0	1 200 4	CEO 1	1 126.9	59 272.9		
June	18 404.2 18 526.6	14 931.7 15 164.2	12 051.9 12 112.8	4 283.7 4 337.9	6 489.2	1 300.4 1 291.4	658.1 664.6	1 125.9	59 712.1		
September	18 640.5	15 164.2	12 112.6	4 286.5	6 488.7	1 266.6	662.5	1 113.5	59 712.1		
December	18 503.6	15 346.3	12 102.0	4 252.2	6 539.7	1 270.4	636.3	1 127.4	59 739.3		
	10 303.0	10 0-0.0	12 000.0	7 202.2	0 333.1	1270.4	000.0	1 127.7	33 133.3		
2011											
March	18 444.0	15 129.2	12 148.0	4 249.4	6 742.5	1 250.7	663.9	1 133.3	59 761.0		
• • • • • • • • • • •											
				TREND							
2009											
March	17 380.3	14 280.3	11 951.7	4 174.0	6 241.1	1 274.3	635.5	1 066.8	57 008.3		
June	17 747.9	14 444.9	12 035.5	4 170.5	6 277.0	1 287.5	637.2	1 081.0	57 687.8		
September	18 107.2	14 607.3	12 095.4	4 194.4	6 373.7	1 302.1	641.9	1 097.3	58 422.0		
December	18 357.8	14 766.3	12 095.3	4 237.9	6 458.9	1 309.1	651.1	1 113.9	58 989.9		
2010											
March	18 499.7	14 951.4	12 089.5	4 284.7	6 496.6	1 301.8	661.2	1 122.1	59 406.6		
June	18 556.5	15 173.1	12 104.9	4 309.3	6 490.2	1 288.4	661.2	1 122.5	59 706.1		
September	18 556.0	15 296.8	12 116.6	4 293.7	6 510.3	1 274.9	656.2	1 122.1	59 825.9		
December	18 533.2	15 300.4	12 120.2	4 265.5	6 579.9	1 263.6	652.6	1 124.9	59 840.0		
2011											
March	18 469.5	15 233.5	12 118.8	4 238.2	6 680.5	1 253.4	651.9	1 130.7	59 775.9		
								.=			

revised

⁽a) Reference year for chain volume measures is 2008-09. See paragraph 31 of the Explanatory Notes.



RETAIL TURNOVER, Chain Volume Measures(a)—By State - Percentage change from previous quarter

New Australian South South Western Northern Capital Wales Victoria Queensland Australia Australia Tasmania Territory Territory Australia Quarter % ORIGINAL 2009 -13.9-14.9-14.8-13.3March -15.2-15.2-13.6-14.8-14.63.2 3.4 2.8 8.5 5.4 3.2 3.0 1.0 0.5 -0.9 0.9 September -0.3 3.2 1.2 0.2 8.3 -1.4December 20.1 17.5 11.4 16.4 16.0 16.5 0.6 15.9 16.5 2010 March -16.9-15.1-15.9-13.2-14.7-14.2-14.9-13.8-15.6June 1.1 2.8 1.1 1.5 1.0 -2.511.3 3.1 1.6 September 2.5 2.5 6.7 -0.12.1 -0.38.9 -2.13.0 December 15.6 16.5 9.7 14.4 14.5 16.3 -6.1 16.8 14.2 2011 March -16.4-17.8 -15.2-15.0-12.3 -15.5-11.2-15.0 -15.9SEASONALLY ADJUSTED 2009 March 2.6 1.1 0.7 -0.30.2 0.2 2.2 1.0 1.3 June 2.1 1.8 2.1 1.3 1.1 2.1 -1.71.3 1.8 September -0.4 -0.6 -2.0-2.0-0.3 -0.8 -0.2 0.1 -0.9 December 2.7 0.4 0.1 0.9 1.4 0.6 2.1 0.8 1.2 2010 -0.6 1.4 -0.4 1.3 0.8 -0.9 0.5 1.5 0.3 March June 0.7 1.6 0.5 1.3 -0.4-0.7 1.0 -0.1 0.7 September 0.6 1.4 0.4 -1.20.0 -1.9-0.3 -1.10.5 December -0.7-0.2 -0.8 -0.8 0.8 0.3 -4.01.2 -0.42011 -0.30.7 -1.54.3 0.5 0.0 -1.4-0.13.1 March TREND 2009 March 0.6 -0.5-0.6 0.5 0.7 0.8 0.7 1.3 June 2.1 1.2 0.7 -0.10.6 1.0 0.3 1.2 September 2.0 1.1 0.5 0.6 1.5 1.1 0.7 1.5 1.3 1.5 December 1.4 1.1 0.0 1.0 1.3 0.5 1.4 1.0 2010 0.8 1.3 0.0 0.6 -0.6 1.5 0.7 0.7 March 1.1 1.5 0.0 0.0 0.5 June 0.3 0.1 0.6 -0.1-1.0September -0.8 0.0 8.0 0.1 -0.40.3 -1.0December -0.50.0 -0.10.0 0.0 -0.71.1 -0.90.2 2011 -0.3-0.40.0 -0.6-0.8 -0.10.5 -0.1March 1.5

•••••••••••••••

⁽a) Reference year for chain volume measures is 2008-09. See paragraph 31 of the Explanatory Notes.

EXPLANATORY NOTES

INTRODUCTION

- **1** This publication presents estimates of the value of turnover of "retail trade" for Australian businesses classified by industry, and by state and territory. For the purposes of this publication "retail trade" includes those industries as defined in paragraphs 5 and 6.
- **2** The estimates of turnover are compiled from the monthly Retail Business Survey. About 500 'large' businesses are included in the survey every month, while a sample of about 2,750 'smaller' businesses is selected. The 'large' business' contribution of approximately 62% of the total estimate ensures a highly reliable Australian total turnover estimate.
- **3** Monthly estimates are presented in current price terms. Quarterly chain volume measures at the state and industry levels are updated with the March, June, September and December issues of this publication.

DEFINITION OF TURNOVER

- **4** Turnover includes:
 - retail sales;
 - wholesale sales;
 - takings from repairs, meals and hiring of goods (except for rent, leasing and hiring of land and buildings);
 - commissions from agency activity (e.g. commissions received from collecting dry cleaning, selling lottery tickets, etc.); and
 - from July 2000, the goods and services tax.

DEFINING RETAIL TRADE

- **5** The industries included in the survey are as defined in the *Australian and New Zealand Standard Industrial Classification (ANZSIC) 2006* (cat. no. 1292.0). Industry statistics in this publication are presented at two levels of detail:
 - Industry group the broadest industry level comprising 6 industry groups. This level is used to present monthly current price and quarterly chain volume measure estimates in this publication.
 - Industry subgroup the most detailed industry level comprising 15 industry subgroups. This level is used to present monthly current price estimates in time series spreadsheets.
- **6** The following shows the level at which retail trade statistics are released and defines each industry group and subgroup in terms of ANZSIC 2006 classes:
 - Food retailing
 - Supermarket and grocery stores and non-petrol sales (convenience stores) of selected fuel retailing
 - Supermarket and grocery stores (4110)
 - non-petrol sales (convenience stores) of selected Fuel retailing (4000)
 - Liquor retailing
 - Liquor retailing (4123)
 - Other specialised food retailing
 - Fresh meat, fish and poultry retailing (4121)
 - Fruit & vegetable retailing (4122)
 - Other specialised food retailing (4129)
 - Household goods retailing
 - Furniture, floor coverings, houseware and textile goods retailing
 - Furniture retailing (4211)
 - Floor coverings retailing (4212)
 - Houseware retailing (4213)
 - Manchester and other textile goods retailing (4214)
 - Electrical and electronic goods retailing
 - Electrical, electronic and gas appliance retailing (4221)
 - Computer and computer peripheral retailing (4222)

DEFINING RETAIL TRADE continued

- Other electrical and electronic goods retailing (4229)
- Hardware, building & garden supplies retailing
 - Hardware and building supplies retailing (4231)
 - Garden supplies retailing (4232)
- Clothing, footwear and personal accessory retailing
 - Clothing retailing
 - Clothing retailing (4251)
 - Footwear and other personal accessory retailing
 - Footwear retailing (4252)
 - Watch and jewellery retailing (4253)
 - Other personal accessory retailing (4259)
- Department stores (4260)
- Other retailing
 - Newspaper and book retailing
 - Newspaper and book retailing (4244)
 - Other recreational goods retailing
 - Sport and camping equipment retailing (4241)
 - Entertainment media retailing (4242)
 - Toy and game retailing (4243)
 - Pharmaceutical, cosmetic and toiletry goods retailing
 - Pharmaceutical, cosmetic and toiletry goods retailing (4271)
 - Other retailing n.e.c
 - Stationery goods retailing (4272)
 - Antique and used goods retailing (4273)
 - Flower retailing (4274)
 - Other-store based retailing n.e.c (4279)
 - Non-store retailing (4310)
 - Retail commission-based buying and/or selling (4320)
- Cafes, restaurants and takeaway food services
 - Cafes, restaurants and catering services
 - Cafes and restaurants (4511)
 - Catering services (4513)
 - Takeaway food services
 - Takeaway food services (4512)

SCOPE AND COVERAGE

- **7** The scope of the Retail Business Survey is all employing retail trade businesses who predominantly sell to households. Like most Australian Bureau of Statistics (ABS) economic surveys, the frame used for the Survey is taken from the ABS Business Register which includes registrations to the Australian Taxation Office's (ATO) pay-as-you-go withholding (PAYGW) scheme. Each statistical unit included on the ABS Business Register is classified to the ANZSIC industry in which it mainly operates. The frame is supplemented with information about a small number of businesses which are classified to a non-retail trade industry but which have significant retail trade activity.
- **8** The frame is updated quarterly to take account of new businesses, businesses which have ceased employing, changes in industry and other general business changes. The estimates include an allowance for the time it takes a newly registered business to get on to the survey frame. Businesses which have ceased employing are identified when the ATO cancels their Australian Business Number (ABN) and/or PAYGW registration. In addition, businesses with less than 50 employees which do not remit under the PAYGW scheme in each of the previous five quarters are removed from the frame.

SCOPE AND COVERAGE continued

STATISTICAL UNIT

SURVEY METHODOLOGY

- **9** To improve coverage and the quality of the estimates and to reduce the cost to the business community of reporting information to the ABS, turnover for franchisees is collected directly from a number of franchise head offices. The franchisees included in this reporting are identified and removed from the frame.
- 10 The ABS uses an economic statistics units model on the ABS Business Register to describe the characteristics of businesses, and the structural relationships between related businesses. The units model is also used to break groups of related businesses into relatively homogeneous components that can provide data to the ABS.
- 11 In the Retail Business Survey the statistical unit used to represent businesses, and for which statistics are reported, is in most cases the Australian Business Number (ABN) unit. The ABN unit is the business unit which has registered for an ABN and therefore appears on the ATO administered Australian Business Register. This unit is suitable for ABS statistical needs when the business is simple in structure.
- **12** For more significant and diverse businesses where the ABN unit is not suitable for ABS statistical needs, the statistical unit used is the Type of Activity Unit (TAU). A TAU is comprised of one or more business entities, sub-entities or branches of a business entity within an Enterprise Group that can report production and employment data for similar economic activities. When a minimum set of data items is available, a TAU is created which covers all the operations within an industry subdivision (and the TAU is classified to the relevant subdivision of the Australian and New Zealand Standard Industrial Classification (ANZSIC)). Where a business cannot supply adequate data for each industry, a TAU is formed which contains activity in more than one industry subdivision and the TAU is classified to the predominant ANZSIC subdivision. TAUs may have operations in one or more states/territories.
- 13 The Survey is conducted monthly primarily by telephone interview although a small number of questionnaires are mailed to businesses. The businesses included in the survey are selected by random sample from a frame stratified by state, industry and business size. The survey uses annualised turnover as the measure of business size. For the ATO Maintained Population, the annualised turnover is based on the ATO's Business Activity Statement item Total sales and for the ABS Maintained Population a modelled annualised turnover is used. For stratification purposes the annualised turnover allocated to each business is not updated each quarter as to do so would result in increased volatility in the estimates.
- **14** Each quarter, some businesses in the sample are replaced, at random, by other businesses so that the reporting load can be spread across smaller retailers. This sample replacement occurs in the first month of each quarter which may increase the volatility of estimates between this month and the previous month especially at the state by industry subgroup level.
- **15** Generalised regression estimation methodology is used for estimation. For estimation purposes, the annualised turnover allocated to each business is updated each quarter.
- **16** Most businesses can provide turnover on a calendar month basis and this is how the data are presented. When businesses cannot provide turnover on a calendar month basis, the reported data and the period they relate to are used to estimate turnover for the calendar month.
- **17** Most retailers operate in a single state/territory. For this reason, estimates of turnover by state/territory are only collected from the larger retailers which are included in the survey each month. These retailers are asked to provide turnover for sales from each state/territory in which the business operates. Turnover for the smaller businesses

SURVEY METHODOLOGY continued

SEASONAL ADJUSTMENT AND TREND ESTIMATION

is allocated to the state of their mailing address as recorded on the ABS Business Register.

- **18** Seasonally adjusted estimates are derived by estimating and removing systematic calendar related effects from the original series. In the Retail trade series, these calendar related effects are known as:
 - seasonal e.g. annual patterns in sales, such as increased spending in December as a result of Christmas
 - trading day influences arising from weekly patterns in sales and the varying length of each month and the varying number of Sundays, Mondays, Tuesdays, etc. in each month
 - an Easter proximity effect, which is caused when Easter, a moveable holiday, falls late in March or early in April
 - a Father's Day effect, which is caused when the first Sunday in September falls in the first few days of the month and Father's Day shopping occurs in August.
- are referred to as the combined adjustment factors. The combined adjustment factors are based on observed patterns in the historical data. It is possible that with the introduction of ANZSIC 2006 from July 2009 the historical patterns may not be as relevant to some series. For example Watch and jewellery retailing moved from the Other retailing n.e.c industry subgroup to the Footwear and other personal accessory retailing industry subgroup under ANZSIC 2006. The seasonal patterns for other businesses in the Footwear and other personal accessory retailing industry subgroup appear to differ from watch and jewellery retailers. The combined adjustment factors will evolve over time to reflect any new seasonal or trading day patterns, although in this example, an estimate for this impact (seasonal break) has been implemented in the combined adjustment factors.
- **20** The following Retail trade series are directly seasonally adjusted:
 - Australian turnover
 - each state total
 - each Australian industry subgroup total
 - each state by industry subgroup.
- **21** A "two-dimensional reconciliation" methodology is used on the seasonally adjusted time series to force additivity that is, to force the sum of fine-level (state by industry subgroup) estimates to equal the Australian, state and industry subgroup totals. The industry group totals are derived from the lower level estimates.
- **22** Quarterly seasonally adjusted series used in the compilation of the chain volume measures are the sum of their applicable monthly series.
- **23** Autoregressive integrated moving average (ARIMA) modelling can improve the revision properties of the seasonally adjusted and trend estimates. ARIMA modelling relies on the characteristics of the series being analysed to project future period data. The projected values are temporary, intermediate values, that are only used internally to improve the estimation of the seasonal factors. The projected data do not affect the original estimates and are discarded at the end of the seasonal adjustment process. The retail collection uses an individual ARIMA model for each of the industry totals and state totals. The ARIMA model is assessed as part of the annual reanalysis.
- **24** In the seasonal adjustment process, both the seasonal and trading day factors evolve over time to reflect changes in spending and trading patterns. Examples of this evolution include the slow move in spending from December to January; and, increased trading activity on weekends and public holidays. The Retail series uses a concurrent seasonal adjustment methodology to derive the combined adjustment factors. This means that data from the current month are used in estimating seasonal and trading day

SEASONAL ADJUSTMENT AND TREND ESTIMATION continued

factors for the current and previous months. For more information see *Information* paper: *Introduction of Concurrent Seasonal Adjustment into the Retail Trade Series* (cat. no. 8514.0).

- 25 The seasonal and trading day factors are reviewed annually at a more detailed level than possible in the monthly processing cycle. The annual reanalysis can result in relatively higher revisions to the seasonally adjusted series than during normal monthly processing. For Retail Trade, the results of the latest review are normally included in the July issue based on data up to June.
- **26** The seasonally adjusted estimates still reflect the sampling and non-sampling errors to which the original estimates are subject. This is why it is recommended that trend series be used with the seasonally adjusted series to analyse underlying month-to-month movements.
- 27 The trend estimates are derived by applying a 13-term Henderson moving average to the seasonally adjusted monthly series and a 7-term Henderson moving average to the seasonally adjusted quarterly series. The Henderson moving average is symmetric, but as the end of a time series is approached, asymmetric forms of the moving average have to be applied. The asymmetric moving averages have been tailored to suit the particular characteristics of individual series and enable trend estimates for recent periods to be produced. An end-weight parameter 2.0 of the asymmetric moving average is used to produce trend estimates for the Australia, State and Australian industry group totals. For the other series a standard end-weight parameter 3.5 of the asymmetric moving average is used. Estimates of the trend will be improved at the current end of the time series as additional observations become available. This improvement is due to the application of different asymmetric moving averages for the most recent six months for monthly series and three quarters for quarterly series. As a result of the improvement, most revisions to the trend estimates will be observed in the most recent six months or three quarters.
- **28** Trend estimates are used to analyse the underlying behaviour of the series over time. As a result of the introduction of The New Tax System, a break in the monthly trend series has been inserted between June and July 2000. Care should therefore be taken if comparisons span this period. For more details refer to the Appendix in the December 2000 issue of this publication.
- 29 For further information on seasonally adjusted and trend estimates, see:
 - Feature article: Use of ARIMA modelling to reduce revisions in the October 2004 issue of Australian Economic Indicators (cat. no. 1350.0)
 - Information Paper: Introduction of Concurrent Seasonal Adjustment into the Retail Trade Series (cat. no. 8514.0)
 - Information Paper: A Guide to Interpreting Time Series Monitoring Trends, 2003 (cat. no. 1349.0)
 - or contact the Director, Time Series Analysis on Canberra (02) 6252 6406 or by email at <time.series.analysis@abs.gov.au>.

ANALYSING TREND ESTIMATES

- **30** The following terms may be used to describe month to month movements in the trend series:
 - in decline percentage change in trend estimate less than zero
 - no change or flat percentage change in the trend estimate equal to zero
 - weak growth percentage change in the trend estimate of 0.1 to 0.3%
 - $\,\blacksquare\,$ moderate growth percentage change in the trend estimate of 0.4 to 0.7%
 - $\,\blacksquare\,$ strong growth percentage change in the trend estimate greater than 0.7%.

CHAIN VOLUME MEASURES

31 Monthly current price estimates presented in this publication reflect both price and volume changes. However, the quarterly chain volume estimates measure changes in value after the direct effects of price changes have been eliminated and hence only reflect volume changes. The chain volume measures of retail turnover appearing in this publication are annually reweighted chain Laspeyres indexes referenced to current price values in a chosen reference year. The reference year is advanced each September issue and is currently 2008-09. Each year's data in the Retail chain volume series are based on the prices of the previous year, except for the quarters of the 2010-11 financial year which will initially be based upon price data for the 2008-09 financial year. Comparability with previous years is achieved by linking (or chaining) the series together to form a continuous time series. Further information on the nature and concepts of chain volume measures is contained in the ABS publication Information Paper: Introduction of Chain Volume Measures in the Australian National Accounts (cat. no. 5248.0)

RELIABILITY OF ESTIMATES

- **32** There are two types of error possible in estimates of retail turnover:
 - *Sampling error* which occurs because a sample, rather than the entire population, is surveyed. One measure of the likely difference resulting from not including all establishments in the survey is given by the standard error. Sampling error may be influenced by the sample replacement that occurs in the first month of each quarter. This may increase the volatility of estimates between this month and the previous month especially at the state by industry subgroup level.
 - Non sampling error which arises from inaccuracies in collecting, recording and processing the data. The most significant of these errors are: misreporting of data items; deficiencies in coverage; non-response; and processing errors. Every effort is made to minimise reporting error by the careful design of questionnaires, intensive training and supervision of interviewers, and efficient data processing procedures.

STANDARD ERRORS

- **33** Seasonally adjusted and trend estimates and chain volume measures are also subject to sampling variability. For seasonally adjusted estimates, the standard errors are approximately the same as for the original estimates. For trend estimates, the standard errors are likely to be smaller. For quarterly chain volume measures, the standard errors may be up to 10% higher than those for the corresponding current price estimates because of the sampling variability contained in the prices data used to deflate the current price estimates.
- **34** Estimates, in original terms, are available from the Downloads tab of this issue on the ABS website. Estimates that have an estimated relative standard error (RSE) between 10% and 25% are annotated with the symbol '^'. These estimates should be used with caution as they are subject to sampling variability too high for some purposes. Estimates with a RSE between 25% and 50% are annotated with the symbol '*', indicating that the estimates should be used with caution as they are subject to sampling variability too high for most practical purposes. Estimates with a RSE greater than 50% are annotated with the symbol '**' indicating that the sampling variability causes the estimates to be considered too unreliable for general use.
- ${f 35}$ To further assist users in assessing the reliability of estimates, key data series have been given a grading of A to B. Where:
 - A represents a relative standard error on level of less than 2%. The published estimates are highly reliable for movement analysis.
 - B represents a relative standard error on level between 2% and 5%, meaning the estimates are reliable for movement analysis purposes.
- **36** The tables below provide an indicator of reliability for the estimates in original terms. The reliability indicator is based on an average RSE derived over four years.

STANDARD ERRORS continued

RELATIVE STANDARD ERRORS BY INDUSTRY GROUP

	Food retailing	Household goods retailing	Clothing, footwear and personal accessory retailing	Department stores	Other retailing	Cafes, restaurants and takeaway food services	Total
RSE (%)	Α	А	В	А	В	В	А

RELATIVE STANDARD ERRORS BY STATE

	NSW	Vic.	Qld	SA	WA	Tas.	NT	ACT	Aust.
RSE (%)	Α	Α	Α	Α	Α	В	Α	Α	Α

37 Standard errors for the Australian estimates (original data) for March 2011 contained in this publication are:

Data Series	Estimate	Standard error
Level of retail turnover (\$m) Change from preceding month (\$m) % change from preceding month (%)	19 883.1 1 847.2 10.2	151.1 58.5 0.3

RELIABILITY OF TREND ESTIMATES

- COMPARABILITY WITH OTHER ABS ESTIMATES
- **38** The trending process dampens the volatility in the original and seasonally adjusted estimates. However, trend estimates are subject to revisions as future observations become available.
- **39** The estimates of Retail turnover in this publication will differ from sales of goods and services by the Retail trade industry in *Business Indicators, Australia* (cat. no. 5676.0). This publication presents monthly estimates of the value of turnover of retail businesses, is sourced from the *Retail Business Survey*, includes the Goods and Services Tax and includes some retail trade businesses classified to a non-retail trade industry but which have significant retail trade activity. Estimates for sales of goods and services in *Business Indicators, Australia* are sourced from the economy wide *Quarterly Business Indicators Survey* and exclude the Goods and Services Tax. In addition, the *Retail Business Survey* does not include all classes in the ANZSIC Retail trade Division but includes Cafes, restaurants and takeaway food services from the Accommodation and Food Services Division. The use of different samples in the two surveys also contributes to differences.
- **40** Quarterly Retail trade chain volume estimates contribute to the quarterly national accounts in two main areas. First, they are an indicator of Household Final Consumption Expenditure in the expenditure side of Gross domestic product. Historically Retail trade estimates contribute about 55-60% of Household Final Consumption Expenditure but this relative contribution can vary from quarter to quarter as household expenditure shifts between retail trade and areas like personal services, travel and leisure activities which are outside the scope of retail trade. Second, Retail trade estimates, along with estimates from *Business Indicators, Australia*, contribute to estimates for the Retail trade Division in the production side of Gross domestic product.

RELATED PUBLICATIONS

- **41** Current publications and other products released by the ABS are available from the Statistics View. The ABS also issues a daily Release Advice on the web site which details products to be released in the week ahead. Users may also wish to refer to the following publications:
 - Australian National Accounts: National Income, Expenditure and Product (cat. no. 5206.0)
 - Australian Industry (cat. no. 8155.0)
 - Business Indicators, Australia (cat. no. 5676.0).
- **42** As well as the statistics included in this and related publications, the ABS may have other relevant data available. Inquires should be made to the National Information and Referral Service on 1300 135 070.

ABBREVIATIONS

ABN Australian Business Number

ABS Australian Bureau of Statistics

ANZSIC Australian and New Zealand Standard Industrial Classification

ARIMA autoregressive integrated moving average

ATO Australian Taxation Office

n.e.c. not elsewhere classified

PAYGW pay-as-you-go withholding

RSE relative standard error

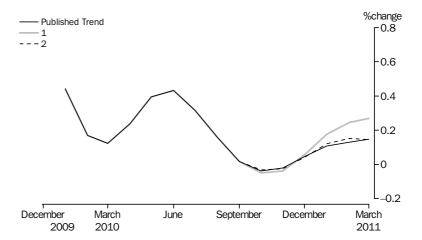
TECHNICAL NOTE REVISIONS TO TREND ESTIMATES

EFFECT OF NEW SEASONALLY ADJUSTED ESTIMATES ON TREND ESTIMATES

As original estimates become available each month, the estimates of the seasonal pattern and trend series are updated to include the most up to date information. This means that most seasonally adjusted and trend estimates are likely to be revised when the next month's data become available. To assist readers of this publication in analysing retail trends, the 'what-if' chart presents the approximate effect that two possible future scenarios would have on the current and previous trend movement estimates of total retail turnover for Australia. Note that the 'what-if' graph gives an idea of possible trend revisions based on future seasonally adjusted estimates and does not account for revised seasonally adjusted estimates based on additional original data. ABS research shows that approximately 75% of the total revision to the trend estimate at the current end of the series is due to the use of different asymmetric moving averages when a new data point becomes available. For more information see the trend estimates section of the Explanatory Notes. The two future scenarios considered are based on the 25th and 75th percentiles of seasonally adjusted movements calculated from the historical series. The two scenarios are as follows:

Scenario 1. The following month's seasonally adjusted estimate of retail turnover is 0.91% higher than this month's estimate

Scenario 2. The following month's seasonally adjusted estimate of retail turnover is equal to this month's estimate



FOR MORE INFORMATION

INTERNET

www.abs.gov.au the ABS website is the best place for data from our publications and information about the ABS.

INFORMATION AND REFERRAL SERVICE

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