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# 1Q18 Capital, Funding and Asset Quality Update

5 February 2018

This document should be read in conjunction with Westpac's Pillar 3 Report December 2017, incorporating the requirements of APS330. All comparisons in this document refer to 31 December 2017 compared to 30 September 2017 (unless otherwise stated)

24/7 Banking

Westpac Banking Corporation  
ABN 33 007 457 141

# Summary of 1Q18 Capital, Funding and Asset Quality

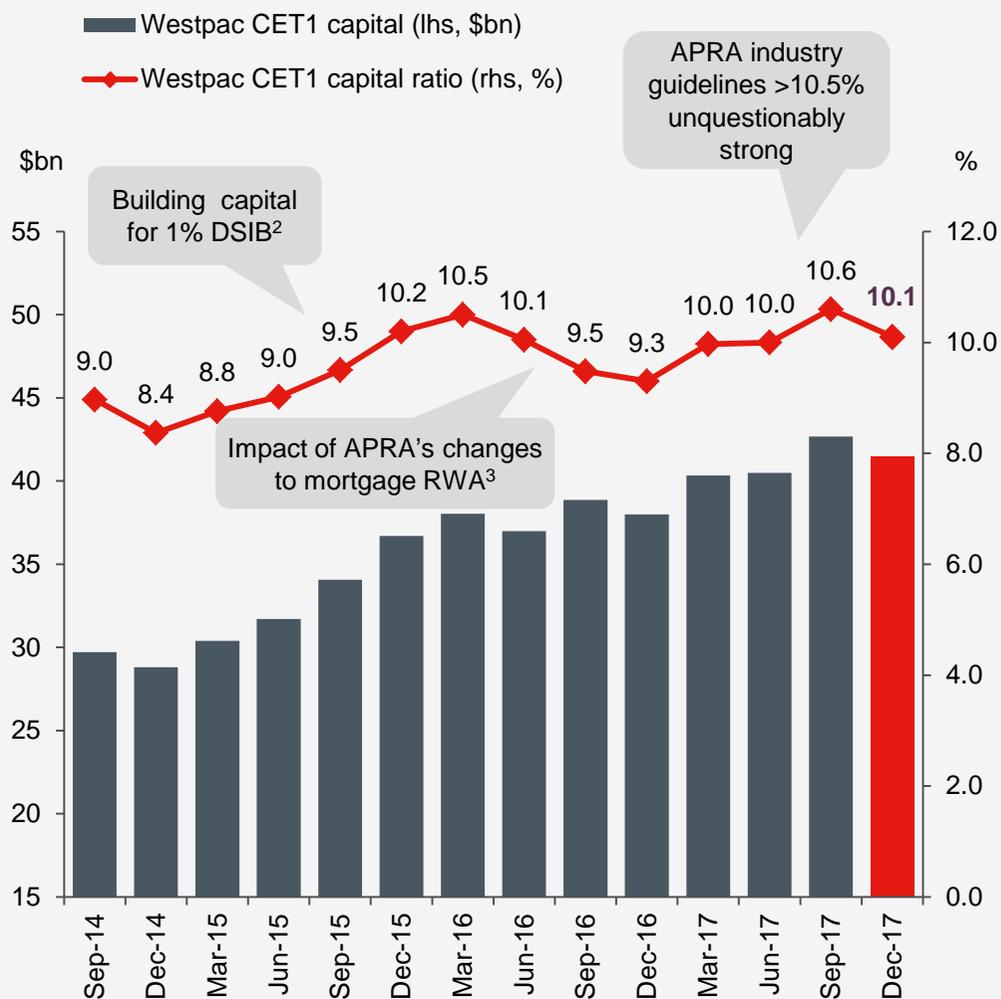
<p><b>Well placed to meet APRA's CET1 unquestionably strong benchmark</b></p>	<ul style="list-style-type: none"> <li>• Common equity Tier 1 (CET1) capital ratio 10.1% at 31 December 2017 down from 10.6% at September 2017. The 2H17 dividend (net of DRP) reduced the CET1 capital ratio by 70bps. Excluding the impact of the dividend, the CET1 ratio increased by around 20bps over the quarter</li> <li>• Risk weighted assets (RWA) increased \$6.1bn (up 1.5% from 30 September 2017) mainly in credit risk from changes to risk models and loan growth, partly offset by improved asset quality across the portfolio</li> <li>• Changes to risk models also contributed to an increase in the regulatory expected loss, which is a deduction to capital</li> <li>• Internationally comparable<sup>1</sup> CET1 capital ratio 15.7% at 31 December 2017 - top quartile of banks globally</li> </ul>
<p><b>Asset quality remains sound</b></p>	<ul style="list-style-type: none"> <li>• Asset quality metrics remain near cyclical lows</li> <li>• Level of impaired assets stable with no new large individual impaired loans over \$10m in the quarter. Stressed assets to TCE<sup>2</sup> 2bps lower at 1.03%</li> <li>• Australian mortgage delinquencies flat at 0.67%</li> <li>• Australian unsecured delinquencies flat at 1.66%</li> </ul>
<p><b>Sound funding/liquidity position</b></p>	<ul style="list-style-type: none"> <li>• Estimated net stable funding ratio (NSFR) 110%, liquidity coverage ratio (LCR) 116% - well above regulatory minimums</li> <li>• Well progressed on FY18 term funding, \$15.4bn issued in the first four months</li> </ul>
<p><b>Mortgage growth comfortably within macro-prudential boundaries</b></p>	<ul style="list-style-type: none"> <li>• Flow of interest only lending was 22% in 1Q18 (APRA requirement &lt;30%)</li> <li>• Investor lending growth using APRA definition 5.1% - comfortably below 10% cap</li> </ul>
<p><b>Regulatory developments</b></p>	<ul style="list-style-type: none"> <li>• In December 2017, the Basel Committee finalised the Basel III capital framework</li> <li>• APRA has yet to finalise its review of the capital adequacy framework but has indicated that any change will be accommodated within the industry 10.5% CET1 benchmark announced in July 2017 for ADIs to be "unquestionably strong"</li> <li>• Westpac will seek to operate with a CET1 ratio of at least 10.5% in March and September under APRA's existing capital framework and will revise its preferred range once APRA finalises its review of the capital adequacy framework</li> </ul>

<sup>1</sup> Internationally comparable methodology aligns with the APRA study titled: "International Capital Comparison Study" dated 13 July 2015. <sup>2</sup> Total committed exposure.

# Capital well positioned for APRA changes

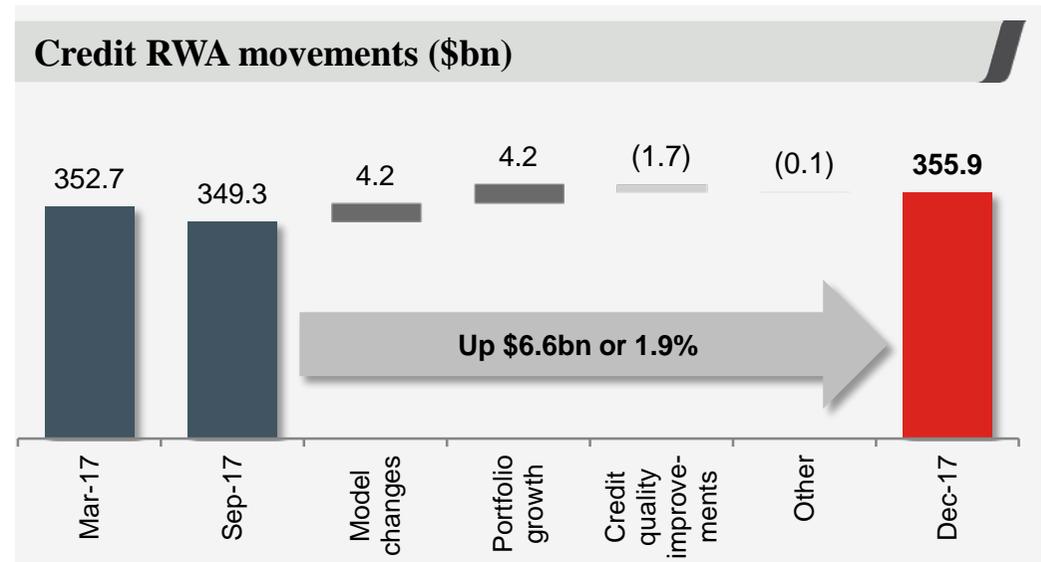
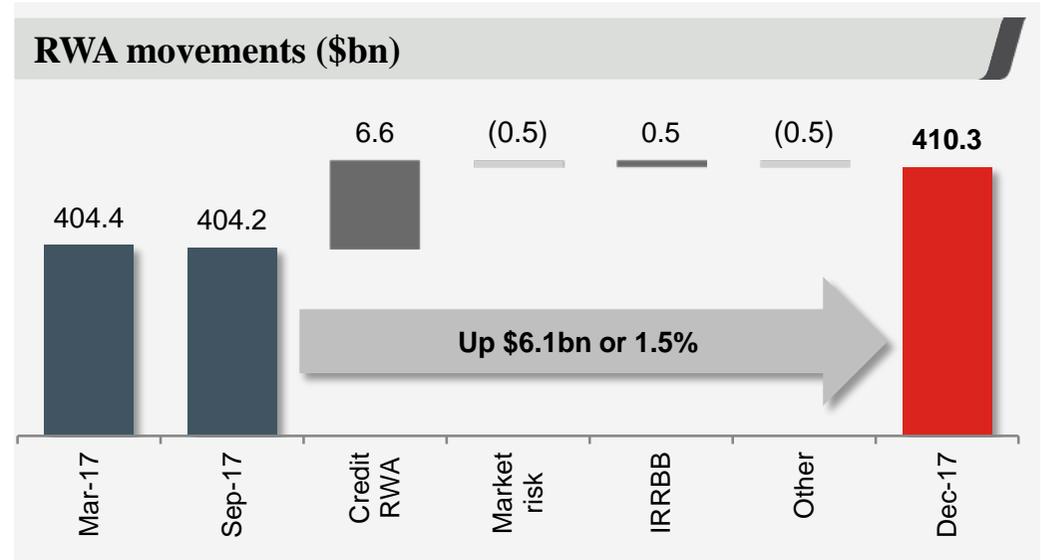
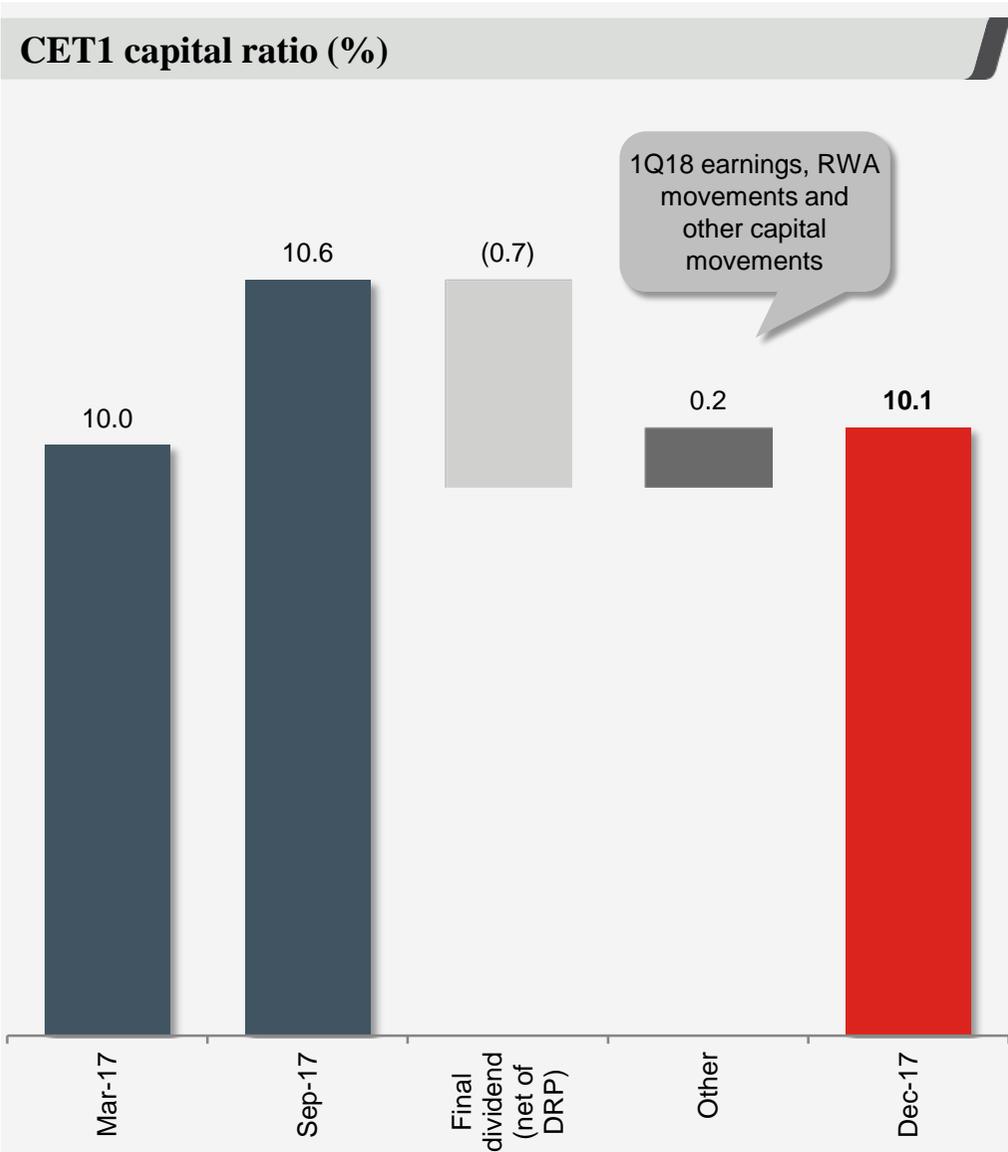
Capital ratios (%)	Mar-17	Sep-17	Dec-17
CET1 capital ratio	10.0	10.6	<b>10.1</b>
Additional Tier 1 capital	1.7	2.1	<b>2.1</b>
Tier 1 capital ratio	11.7	12.7	<b>12.2</b>
Tier 2 capital	2.3	2.1	<b>2.1</b>
Total regulatory capital ratio	14.0	14.8	<b>14.3</b>
Risk weighted assets (RWA) (\$bn)	404	404	<b>410</b>
Leverage ratio	5.3	5.7	<b>5.5</b>
<b>Internationally comparable ratios<sup>1</sup></b>			
Leverage ratio	6.0	6.3	<b>6.2</b>
CET1 ratio	15.3	16.2	<b>15.7</b>

## CET1 capital ratio (%) and CET1 capital (\$bn) (APRA basis)



1 Methodology aligns with the APRA study titled: "International capital comparison study", dated 13 July 2015. 2 Domestic systemically important bank. 3 APRA's revision to the calculation of RWA for Australian residential mortgages, which came into effect on 1 July 2016.

# CET1 capital and RWA movements

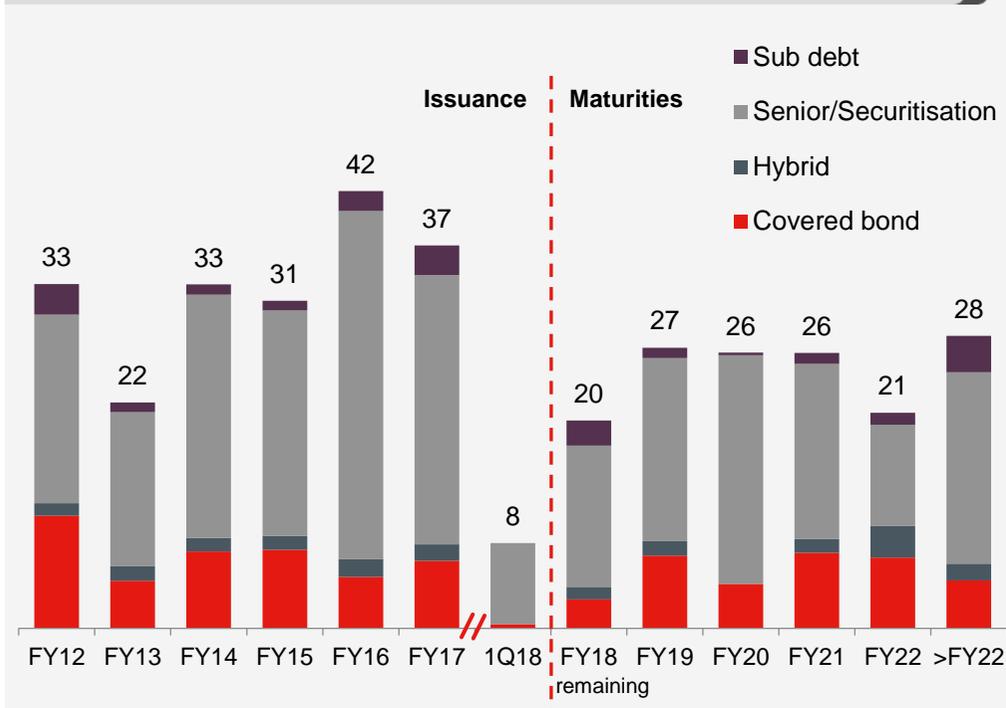


# Well progressed on FY18 term funding

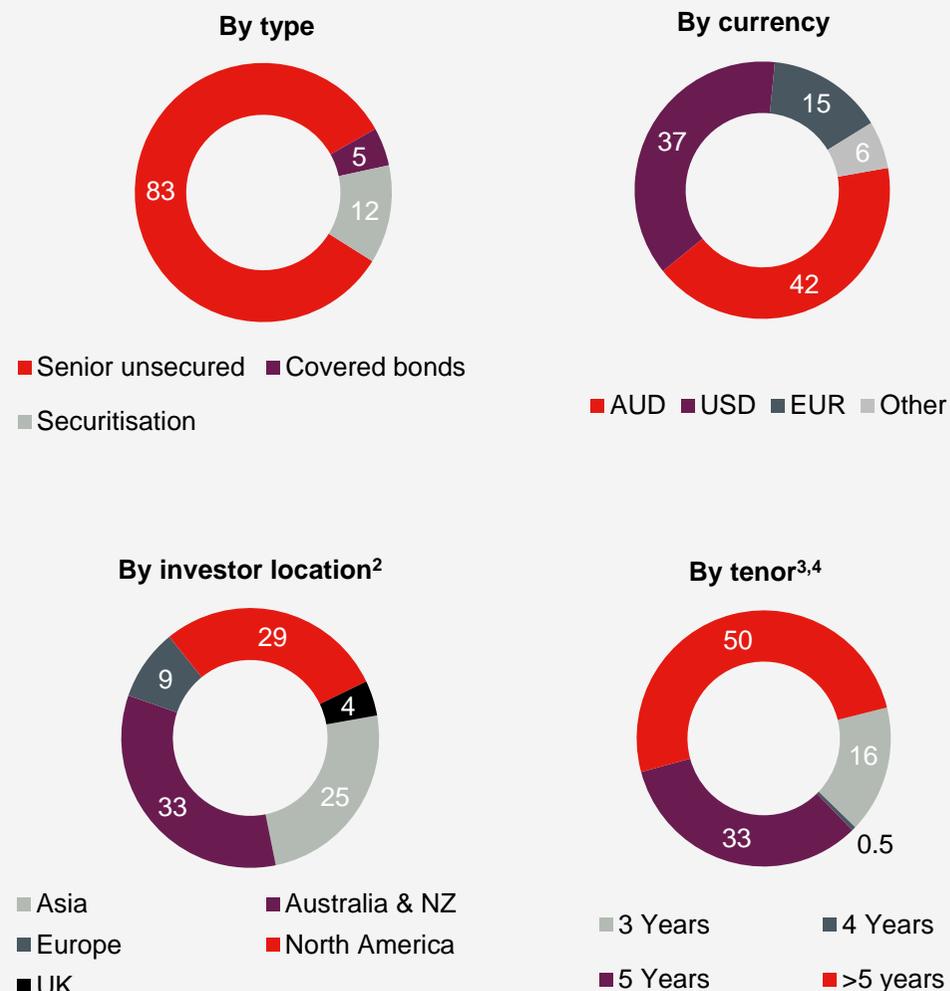
## 1Q18 funding and liquidity highlights

- LCR 116% (124% at 30 September 2017)
- Estimated NSFR 110% (109% at 30 September 2017)
- Well progressed on FY18 term funding plan, with \$15.4bn issued in the first four months of FY18, including \$8.1bn issued in 1Q18
- New term issuance has been well diversified across currencies, products and tenors, including the Group's first public offshore climate bond issued in November 2017 (EUR500m)

## Term debt issuance and maturity profile<sup>1,3,5</sup> (\$bn)



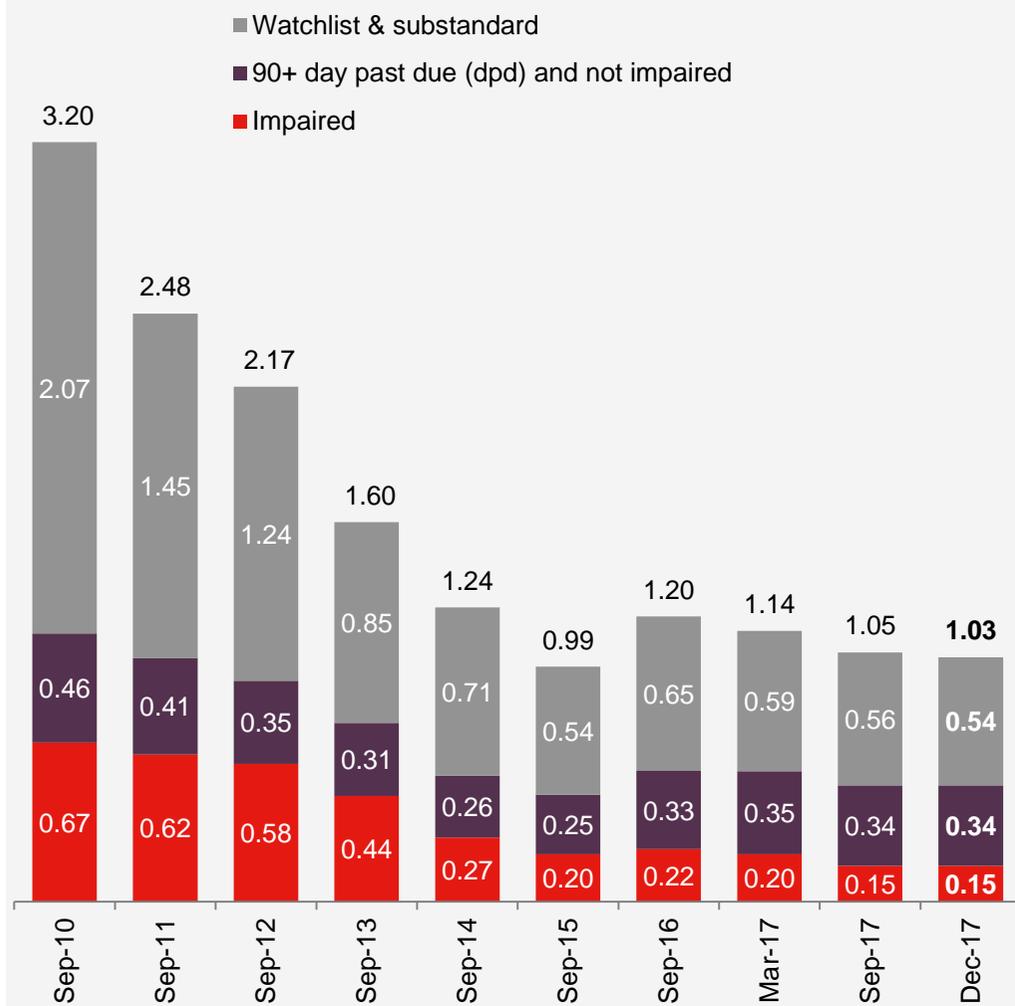
## 1Q18 new term issuance composition<sup>1</sup> (%)



Charts may not add to 100 due to rounding.

<sup>1</sup> Based on residual maturity and FX spot currency translation. Includes all debt issuance with contractual maturity greater than 370 days excluding US Commercial Paper and Yankee Certificates of Deposit. <sup>2</sup> Westpac public benchmark transactions only. <sup>3</sup> Maturity date for hybrids and callable subordinated instruments is the first scheduled conversion date or call date for the purposes of this disclosure. <sup>4</sup> Tenor excludes RMBS and ABS. <sup>5</sup> Perpetual sub-debt has been included in >FY22 maturity bucket. Maturities exclude securitisation amortisation.

## Stressed exposures (as a % of TCE)

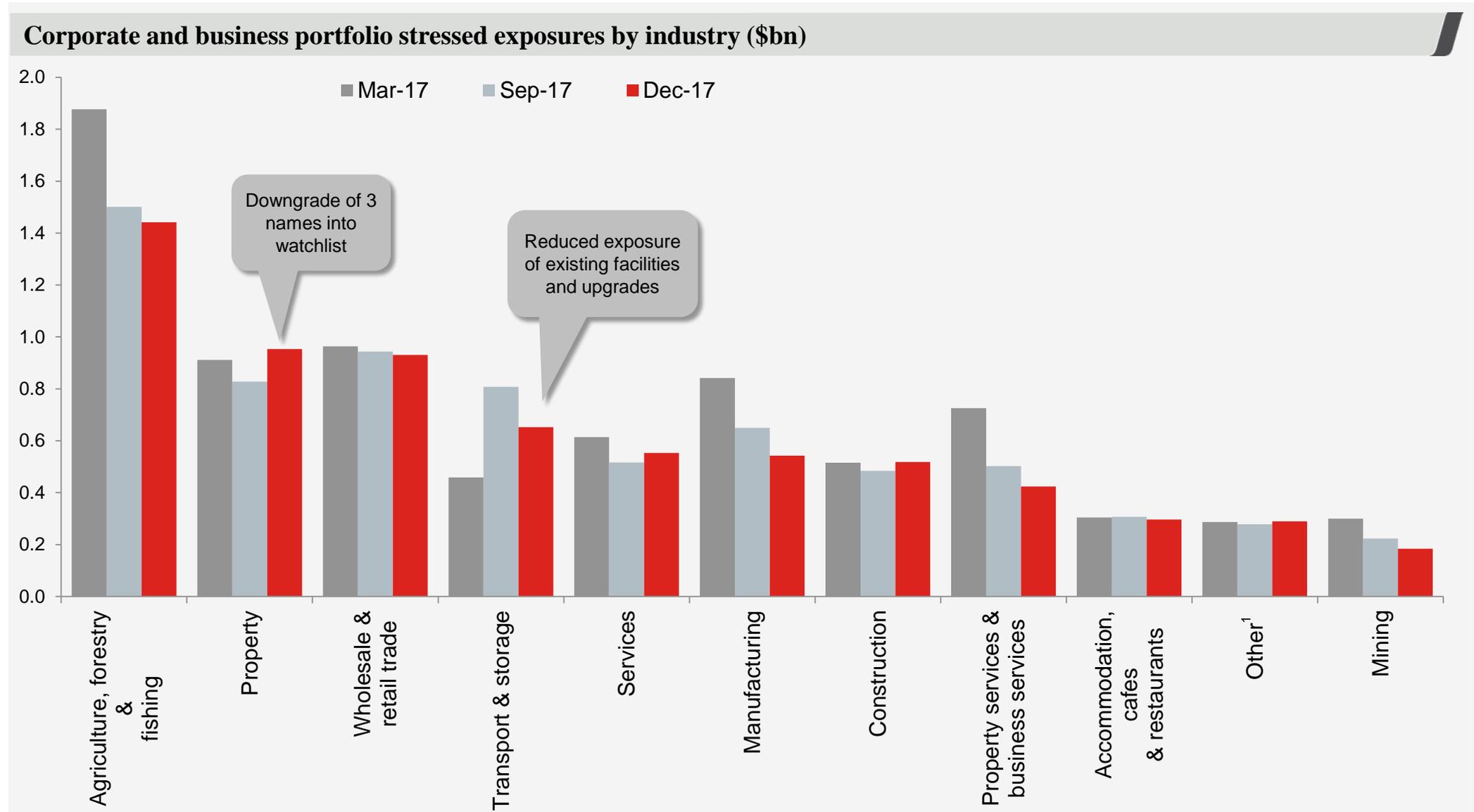


## Highlights

- Stressed exposures to TCE down 2bps to 1.03%
- Total stressed assets \$10.4bn (\$0.2bn lower)
  - Impaired assets stable (\$1.5bn)
  - 90+ day past due and not impaired assets stable
  - Watchlist & substandard assets down \$128m

Provision coverage ratios	Sep-16	Mar-17	Sep-17	Dec-17
Collectively assessed provisions to credit RWA	76bps	77bps	76bps	<b>75bps</b>
Impairment provisions to impaired assets	49%	52%	46%	<b>46%</b>
Total provisions to RWA	88bps	87bps	77bps	<b>76bps</b>

# Stressed exposures lower across industries



<sup>1</sup> Includes Finance & insurance, Utilities, Government admin. & defence.

# Asset quality areas of interest

## Mining (inc. oil and gas) portfolio

	Sep-17	Dec-17
Total committed exposures (TCE)	\$9.7bn	<b>\$9.7bn</b>
Lending	\$5.1bn	<b>\$5.0bn</b>
% of Group TCE	0.96	<b>0.95</b>
% of portfolio graded as 'stressed' <sup>1,2</sup>	2.33	<b>1.99</b>
% of portfolio in impaired <sup>2</sup>	0.44	<b>0.33</b>

## New Zealand dairy portfolio

	Sep-17	Dec-17
Total committed exposure (TCE)	NZ\$6.0bn	<b>NZ\$6.0bn</b>
Lending	NZ\$5.8bn	<b>NZ\$5.7bn</b>
% of Group TCE	0.55	<b>0.54</b>
% of portfolio graded as 'stressed' <sup>1,2</sup>	17.02	<b>15.20</b>
% of portfolio in impaired <sup>2</sup>	0.34	<b>0.45</b>

## Retail trade portfolio

	Sep-17	Dec-17
Total committed exposures (TCE)	\$15.4bn	<b>\$15.5bn</b>
Lending	\$11.5bn	<b>\$11.0bn</b>
% of Group TCE	1.53	<b>1.53</b>
% of portfolio graded as 'stressed' <sup>1,2</sup>	3.02	<b>3.20</b>
% of portfolio in impaired <sup>2</sup>	0.31	<b>0.34</b>

## Commercial property portfolio

	Sep-17	Dec-17
Total committed exposures (TCE)	\$65.2bn	<b>\$66.3bn</b>
Lending	\$49.6bn	<b>\$51.6bn</b>
Commercial property as a % of Group TCE	6.48	<b>6.55</b>
Median risk grade <sup>1</sup>	BB equivalent	<b>BB+ equivalent</b>
% of portfolio graded as 'stressed' <sup>1,2</sup>	1.27	<b>1.44</b>
% of portfolio graded as 'impaired' <sup>2</sup>	0.38	<b>0.26</b>

1 Includes impaired exposures. 2 Percentage of portfolio TCE.

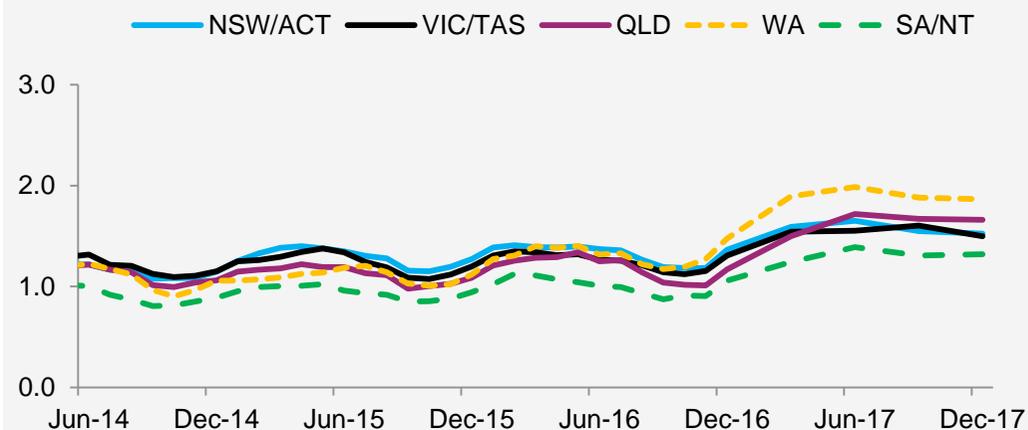
## Residential apartment development >\$20m (\$bn)

	Sep-17	Dec-17
<b>Total</b>	4.2	<b>3.7</b>
<b>&gt;\$20m in major markets, shown below</b>	2.7	<b>2.4</b>
Sydney major markets	1.5	<b>1.6</b>
Inner Melbourne	0.7	<b>0.6</b>
Inner Brisbane	0.4	<b>0.2</b>
Perth metro	0.0	<b>0.0</b>
Adelaide CBD	0.1	<b>0.0</b>

## Australian consumer unsecured lending portfolio

	Mar-17	Sep-17	Dec-17
30+ day delinquencies (%)	3.99	3.60	<b>3.76</b>
90+ day delinquencies (%)	1.63	1.66	<b>1.66</b>
<i>Estimated impact of changes to hardship treatment for 90+ day delinquencies (bps)</i>			
- Accounts in serviceability period	12bps	37bps	<b>31bps</b>
- Accounts in hardship increase	16bps	19bps	<b>19bps</b>
90+ day delinquencies excluding hardship (%)	1.35	1.10	<b>1.16</b>

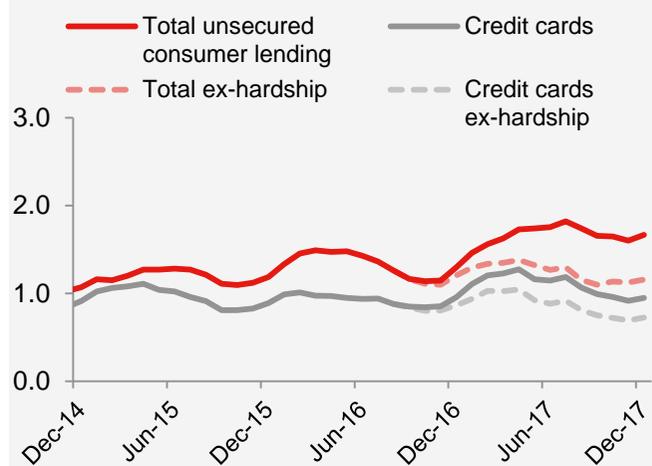
## 90+ day delinquencies (%) by State



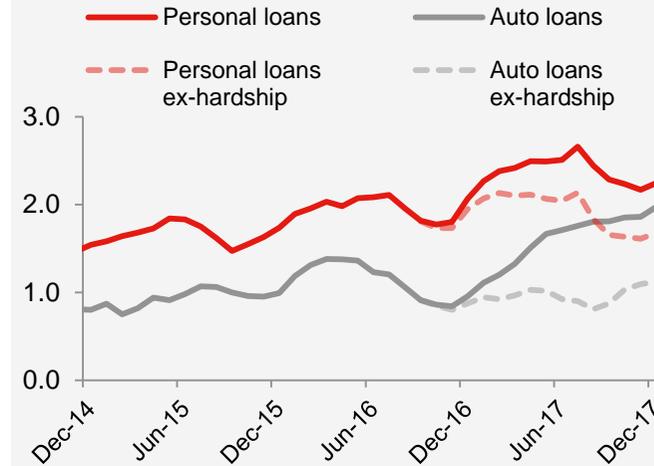
## Hardship reporting changes

- Implemented for credit cards, personal loans and auto in 2H16 and 1H17
- Impact on 90+ day delinquencies in 1Q18 was 50bps
- Has resulted in higher write-offs<sup>1</sup> and higher recoveries<sup>2</sup>
- The change is not yet fully reflected in risk weighted assets

## 90+ day delinquencies (%)



## 90+ day delinquencies (%)



1 For consumer unsecured portfolios when an account reaches 180 days past due, in line with portfolio practices, it is written off. 2 For consumer unsecured portfolios any payments received after write-off and until the serviceability period has expired and if the account returns to performing are recorded as recoveries.

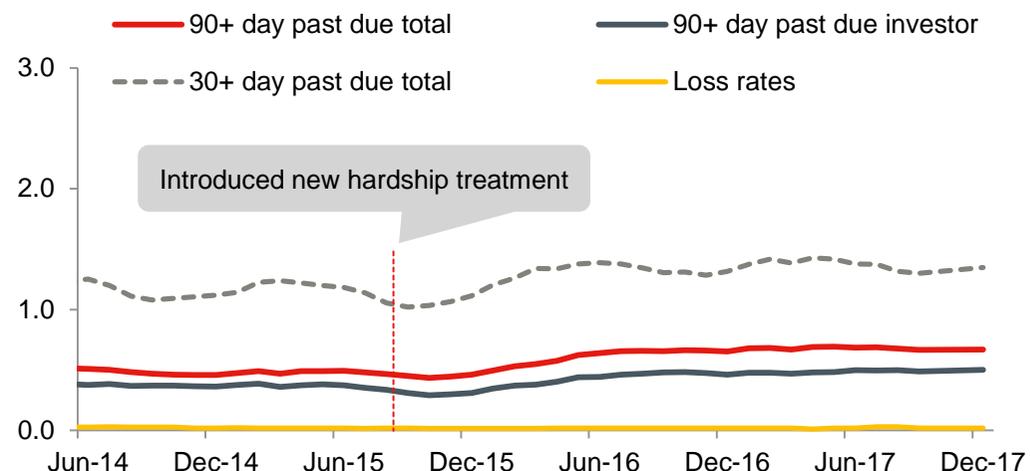
# Australian mortgage delinquencies remain low

## Australian mortgage delinquencies and properties in possession (PIPs)

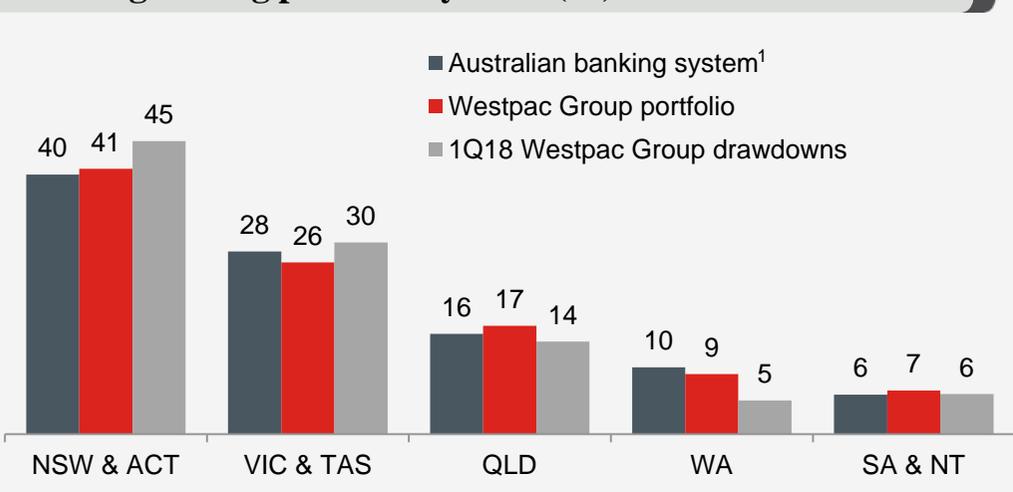
	Mar-17	Sep-17	Dec-17
30+ day delinquencies (bps)	139	130	<b>135</b>
90+ day delinquencies (bps) <i>(includes impaired mortgages)</i>	67	67	<b>67</b>
<i>Estimated cumulative impact of changes to hardship treatment (bps)</i>	13	18	<b>15</b>
Consumer PIPs	382	437	<b>368</b>

PIP increase in FY17 mainly due to rise in WA and Qld reflecting weaker economic conditions in those states. Recent reduction in PIPs reflects timing of settlements

## Australian mortgage portfolio delinquencies

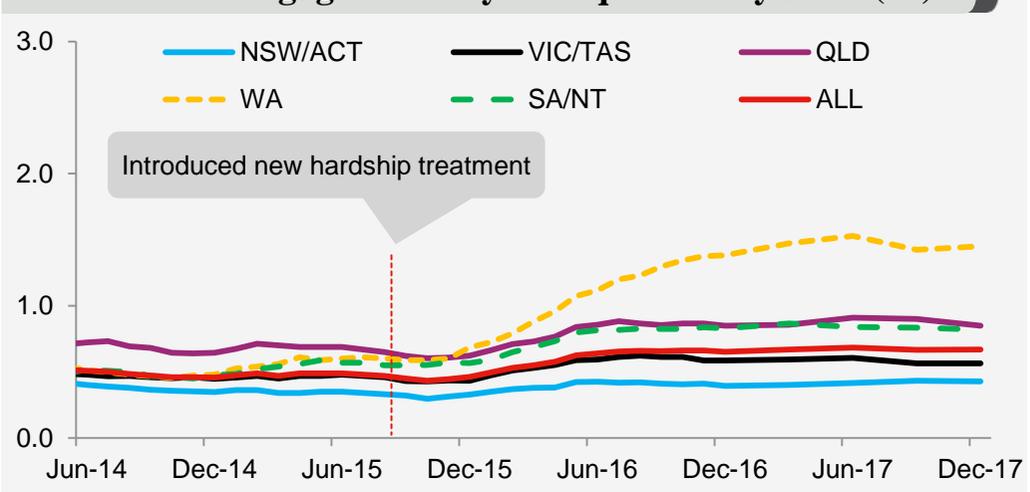


## Housing lending portfolio by State (%)

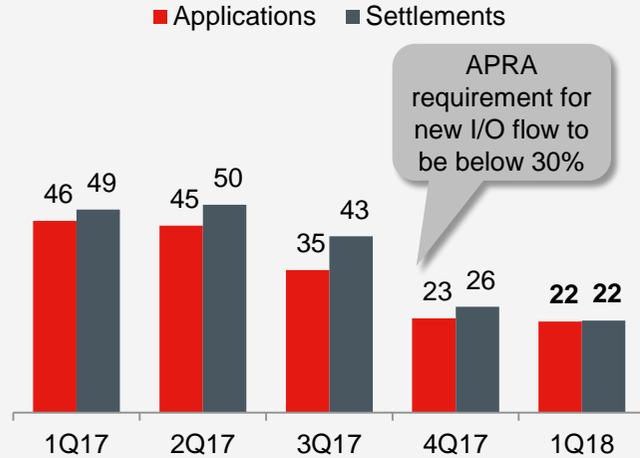


<sup>1</sup> Source ABA Cannex September 2017.

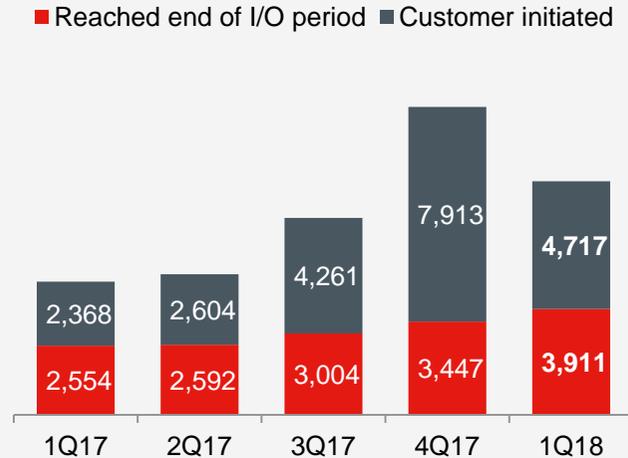
## Australian mortgages 90+ day delinquencies by State (%)



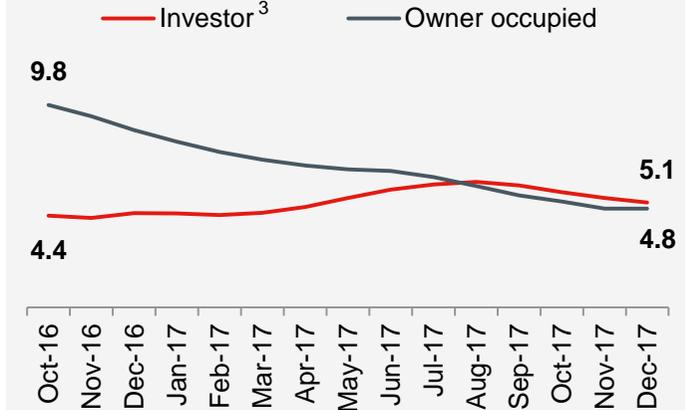
## Flow of interest only<sup>1</sup> (% of total limits)



## Switching from I/O to P&I<sup>2</sup> (\$m)



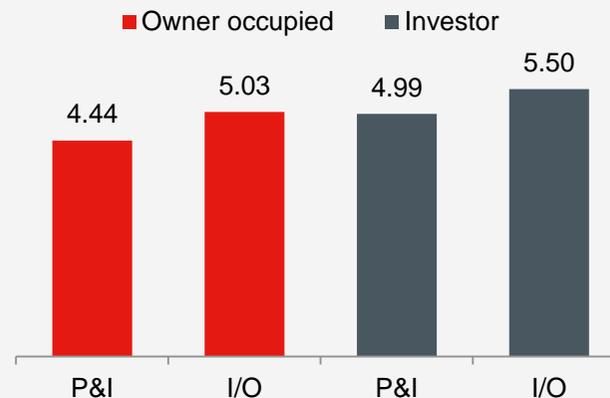
## Mortgage lending growth (%)



## Key changes to interest only mortgage settings

- Pricing – differential pricing for investor property lending, interest only and SMSF lending
- 80% maximum LVR for all new interest only loans (includes limit increases, interest only term extension and switches) with limited exceptions
- No switch fee for customers switching to P&I from interest only since June 2017
- No longer accepting external refinances (from other financial institutions) for owner-occupied interest only

## Current variable mortgage interest rate<sup>4</sup> (%)



## Interest only flow definition

- The 30% interest only cap incorporates all new interest only loans including bridging facilities, construction loans and limit increases on existing loans
- The interest only cap excludes flows from line of credit products, switching between repayment types, such as interest only to P&I or from P&I to interest only and also excludes term extensions of interest only terms within product maximums<sup>5</sup>
- Any request to extend term beyond the product maximum is considered a new loan, and hence is included in the cap

<sup>1</sup> Flow is based on APRA definition. <sup>2</sup> I/O is interest only mortgage lending. P&I is principal and interest mortgage lending. <sup>3</sup> Investor is as per APRA extended definition used for reporting against the 10% cap. <sup>4</sup> Interest rates as at 23 January 2018 for Westpac Rocket Repay Home Loan inclusive of Premier Advantage Package discount assuming loan amount \$250,000 - \$499,999. <sup>5</sup> Product maximum term for Interest only is 5 years for owner occupied and 10 years for investor loans.

**Capital ratios** As defined by APRA (unless stated otherwise)

**Risk weighted assets or RWA** Assets (both on and off-balance sheet) are risk weighted according to each asset's inherent potential for default and what the likely losses would be in case of default. In the case of non-asset-backed risks (ie. market and operational risk), RWA is determined by multiplying the capital requirements for those risks by 12.5

**Leverage ratio** As defined by APRA (unless stated otherwise). Tier 1 capital divided by 'exposure measure' and expressed as a percentage. 'Exposure measure' is the sum of on-balance sheet exposures, derivative exposures, securities financing transaction exposures and other off-balance sheet exposures

**Internationally comparable ratios** Internationally comparable regulatory capital ratios are Westpac's estimated ratios after adjusting the capital ratios determined under APRA Basel III regulations for various items. Analysis aligns with the APRA study titled "International capital comparison study" dated 13 July 2015

**Liquidity coverage ratio (LCR)** An APRA requirement to maintain an adequate level of unencumbered high quality liquid assets, to meet liquidity needs for a 30 calendar day period under an APRA-defined severe stress scenario. Absent a situation of financial stress, the value of the LCR must not be less than 100%, effective 1 January 2015. LCR is calculated as the percentage ratio of stock of HQLA and CLF over the total net cash out-flows in a modelled 30 day defined stressed scenario

**High quality liquid assets (HQLA)**

Assets which meet APRA's criteria for inclusion as HQLA in the numerator of the LCR

**Committed liquidity facility (CLF)**

The RBA makes available to Australian Authorised Deposit-taking Institutions a CLF that, subject to qualifying conditions, can be accessed to meet LCR requirements under APS210 Liquidity

**Net stable funding ratio (NSFR)**

The NSFR is defined as the ratio of the amount of available stable funding (ASF) to the amount of required stable funding (RSF) defined by APRA. The amount of ASF is the portion of an ADI's capital and liabilities expected to be a reliable source of funds over a one year time horizon. The amount of RSF is a function of the liquidity characteristics and residual maturities of an ADI's assets and off-balance sheet activities. From 1 January 2018, ADI's must maintain an NSFR of at least 100%

**Collectively assessed provisions or CAPs**

Loans not found to be individually impaired or significant will be collectively assessed in pools of similar assets with similar risk characteristics. The size of the provision is an estimate of the losses already incurred and will be estimated on the basis of historical loss experience for assets with credit characteristics similar to those in the collective pool. The historical loss experience will be adjusted based on current observable data. Included in the collectively assessed provision is an economic overlay provision which is calculated based on changes that occurred in sectors of the economy or in the economy as a whole

<p><b>Impaired assets</b></p>	<p>Includes exposures that have deteriorated to the point where full collection of interest and principal is in doubt, based on an assessment of the customer's outlook, cashflow, and the net realisation of value of assets to which recourse is held and includes:</p> <ol style="list-style-type: none"> <li>1. facilities 90 days or more past due, and full recovery is in doubt: exposures where contractual payments are 90 or more days in arrears and the net realisable value of assets to which recourse is held may not be sufficient to allow full collection of interest and principal, including overdrafts or other revolving facilities that remain continuously outside approved limits by material amounts for 90 or more calendar days;</li> <li>2. non-accrual assets: exposures with individually assessed impairment provisions held against them, excluding restructured loans;</li> <li>3. restructured assets: exposures where the original contractual terms have been formally modified to provide for concessions of interest or principal for reasons related to the financial difficulties of the customer;</li> <li>4. other assets acquired through security enforcement (includes other real estate owned): includes the value of any other assets acquired as full or partial settlement of outstanding obligations through the enforcement of security arrangements; and</li> <li>5. any other assets where the full collection of interest and principal is in doubt</li> </ol>	<p><b>Stressed assets</b></p>	<p>Stressed assets are the total of watchlist and substandard, 90 days past due and not impaired and impaired assets</p>
<p><b>Individually assessed provisions or IAPs</b></p>	<p>Provisions raised for losses that have already been incurred on loans that are known to be impaired and are assessed on an individual basis. The estimated losses on these impaired loans is based on expected future cash flows discounted to their present value and, as this discount unwinds, interest will be recognised in the income statement</p>	<p><b>Total committed exposures (TCE)</b></p>	<p>Represents the sum of the committed portion of direct lending (including funds placement overall and deposits placed), contingent and pre-settlement risk plus the committed portion of secondary market trading and underwriting risk</p>
		<p><b>Watchlist and substandard</b></p>	<p>Loan facilities where customers are experiencing operating weakness and financial difficulty but are not expected to incur loss of interest or principal</p>
		<p><b>90 days past due and not impaired</b></p>	<p>Includes facilities where:</p> <ol style="list-style-type: none"> <li>1. contractual payments of interest and / or principal are 90 or more calendar days overdue, including overdrafts or other revolving facilities that remain continuously outside approved limits by material amounts for 90 or more calendar days, including accounts for customers who have been granted hardship assistance; or</li> <li>2. an order has been sought for the customer's bankruptcy or similar legal action has been instituted which may avoid or delay repayment of its credit obligations; and</li> <li>3. the estimated net realisable value of assets / security to which Westpac has recourse is sufficient to cover repayment of all principal and interest, or where there are otherwise reasonable grounds to expect payment in full and interest is being taken to profit on an accrual basis</li> </ol> <p>These facilities, while in default, are not treated as impaired for accounting purposes</p>

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