## National Australia Bank

2009 Half Year Results
Investor presentation

## 28 April 2009

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National Australia Bank Limited ABN 12004044937

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- 1H09 results
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|  | Group result |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$m | Mar 09 | Half year to |  | Change |  |
|  |  |  | Sep 08 | Mar 08 | Mar 09 v Sep 08 | Mar 09 v Mar 08 |
|  | Net operating income | 8,514 | 7,775 | 7,639 | 9.5\% | 11.5\% |
|  | Operating expenses | $(3,770)$ | $(3,678)$ | $(3,598)$ | (2.5\%) | (4.8\%) |
|  | Underlying profit | 4,744 | 4,097 | 4,041 | 15.8\% | 17.4\% |
|  | Charge to provide for bad and doubtful debts | $(1,811)$ | $(1,763)$ | (726) | (2.7\%) | Large |
|  | Cash earnings (incl loRE) | 2,027 | 1,679 | 2,237 | 20.7\% | (9.4\%) |
|  | ROE | 12.7\% | 11.9\% | 16.8\% | 80bps | (410bps) |
|  | ROA | 0.57\% | 0.54\% | 0.75\% | 3bps | (18bps) |
|  | Tier 1 ratio | 8.31\% | 7.35\% | 6.90\%* | 96bps | 141bps |
|  | RWA (\$bn) | 352.4 | 343.5 | 336.4 | 2.6\% | 4.8\% |
|  | Dividend per share (cents) | 73 | 97 | 97 | (24) | (24) |
|  | * Basell 1 proforma |  |  |  |  |  |
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Individual business performance









New Zealand: Net interest margin






## nabCapital conduit portfolio

## Overall performance - 1H09

- No impairments; little change in subordination levels
- Some ratings migration - 97\% investment grade (internal)
- Methodology review
- \$160m overlay against conduits and derivatives to reflect deteriorating economic conditions


## SCDOs

- One credit event in 1H09 (impacting one SCDO)
- Large scale negative ratings migration - particularly in March
- Movements of external ratings from AAA to between AA+ and BBB+ for five of the six transactions
* Further defaults in underlying portfolios increasingly likely
- Now managing to investment grade - consider additional risk mitigation


Credit RWA movement

*bps - estimate of Tier 1bp impact. Total Credit RWA impact 28 bps over the half.

## Tier 1 capital position





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## Additional Information

Australia Region, NZ Region and nabCapital
Asset quality
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Business and Private Banking: SME Business*



Australia Banking Mortgages Portfolio - \$154bn
Low doc loans

\$3.3bn outstanding (2.2\% of housing book)
, LVR capped at $60 \%$ (without LMI)
Inner-city apartments
\$4.6bn outstanding

| Approx 3.0\% of housing book |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Origination source <br> - flows (Australia) | Sep 07 | Mar 08 | Sep 08 | Mar 09 |
| Proprietary | $76 \%$ | $78 \%$ | $77 \%$ | $81 \%$ |
| Broker | $17 \%$ | $16 \%$ | $16 \%$ | $12 \%$ |
| Introducer | $7 \%$ | $6 \%$ | $7 \%$ | $7 \%$ |




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New Zealand: Net interest margin


## Conduit Portfolio Summary

Movements between September 2008 and March 2009

| Sep 2008 | -A\$0.1bn |  |  | Mar 2009 |
| :---: | :---: | :---: | :---: | :---: |
| ABSCDOASOMSOn | Changes due to amortising and revolving pools | -A\$0.9bn | +A\$0.9bn | ABS CDO AS0.46n |
| Corporates (SCDOS) |  | Repaid / matured | Fx reporting movements | $\underset{\substack{\text { Copporates (ScDos) } \\ \text { As.8bn }}}{ }$ |
|  |  |  |  |  |
| Credit Wrapped ABS As1.Obn |  |  |  | Credit Wrapped ABS AS1.1bn |
| Other ASO,4bn |  |  |  |  |
| CMES As0.6bn |  |  |  |  |
| NAB CLO As0.5bn |  |  |  | NAB CLO Aso.6bn |
| Infrastuculue Bonds AS0.46n |  |  |  | Infrastucture Bonds ASO.4bn |
| Credit Wrapped Bonds As0.7bn |  |  |  | Credit Wrapped Bonds A S0.7bn |
| Commercial Property (CMBS) As0.8bn |  |  |  | Commercial Property (CMBS) |
| Leveraged loans (CLOs) |  |  |  | $\underset{\text { Asz.Obn }}{\text { Leveraged (cLos) }}$ |
| Auto I Equipment Asi.7bn |  |  |  | Auto IEquipment ASz.Obn |
| Subscription Loans As1.3bn |  |  |  | Subscripion Loans As1.3bn |
| Mortgages As5.9bn |  |  |  | Morgages As5.6bn |
| A\$17.1bn |  |  | A\$17.0bn |  |

## Conduit Portfolio Summary - A\$17.0bn

| Mortgages - Australia <br> (A\$4.5bn) | Mortgages - UK/US (A\$0.5bn) |
| :--- | :--- | :--- |$\quad$| Infrastructure / Credit Wrapped |
| :---: |
| Bonds (A\$1.1bn) |

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|  | Conduit Portfolio Summary <br> Leveraged Loans (CLOs) - A\$2.0bn <br> Geographical distribution of underlying assets: Europe - 50\%; US - 50\% <br> 9 CLOs backed by pools of broadly syndicated commercial loans to tier 2 corporates <br> In all but one case our exposure is to the most senior class of notes in the CLO <br> , Defaults and downgrades are increasing as a result of current economic conditions, but attachment points are very senior <br> , No material realised losses to date; subordination is unchanged |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Deal 1 | Deal 2 | Deal 3 | Deal 4 | Deal 5 | Deal 6 | Deal 7 | Deal 8 | Deal 9 |
|  | Current Holding | $\begin{gathered} \mathrm{A} \$ 260 \mathrm{~m} \\ \text { (Eur135m) } \end{gathered}$ | A\$106m (Eur55m) | $\begin{gathered} \text { A\$291m } \\ \text { (US200m) } \\ \hline \end{gathered}$ | $\begin{gathered} \text { A\$218m } \\ \text { (US } \$ 150 \mathrm{~m}) \end{gathered}$ | A\$321m (Eur166m) | $\begin{aligned} & \text { A\$1100m } \\ & \text { (Eur57m) } \end{aligned}$ | $\begin{gathered} \text { A\$289m } \\ \text { (Eur150m) } \end{gathered}$ | $\begin{gathered} \mathrm{A} \$ 314 \mathrm{~m} \\ \text { (US } \$ 216 \mathrm{~m}) \end{gathered}$ | $\begin{gathered} \text { A\$116m } \\ \text { (US } \$ 80 \mathrm{~m}) \end{gathered}$ |
|  | Original Rating | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa |
|  | Current Rating | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa |
|  | (nitial Note | 32.0\% | 30.5\% | 27.0\% | 38.1\% | 32.9\% | 30.5\% | 29.1\% | 28.1\% | 26.9\% |
|  | Defaults to Date | 0.4\% | 3.0\% | 5.5\% | 4.9\% | 1.2\% | 2.6\% | 1.4\% | 2.1\% | 4.6\% |
|  | Current Note (unchanged) (unchanged) | 32.0\% | 30.5\% | 27.0\% | 38.1\% | 32.9\% | 30.5\% | 29.1\% | 28.1\% | 26.9\% |
|  | Reinvestment Period | 1-Aug-13 | 23-Oct-12 | 22-Sep-13 | 19-Oct-12 | 28-Feb-13 | ${ }^{30-J u l-13}$ | 15-Apr-13 | 24-Nov-12 | 17-Feb-13 |
|  | Total Issue Size | Eur500m | Eur383m | US $\$ 500 \mathrm{~m}$ | US $\$ 514 \mathrm{~m}$ | Eur345m | Eur408m | Eur358m | US\$300m | US\$621m |
|  | Number of Borrowers | 82 | 93 | 214 | 273 | 71 | 80 | 78 | 110 | 170 |
|  | Collateral obligations |  |  |  |  |  |  |  |  |  |
|  | ${ }^{18}$ Lien Loans | 84.4\% | 86.0\% | 98.3\% | 96.8\% | 86.0\% | 81.0\% | 84.9\% | 96.9\% | 98.1\% |
|  | $2^{\text {nd }}$ Lien Loans | 15.5\% | 14.0\% | 1.6\% | 1.7\% | 9.0\% | 17.8\% | 14.9\% | 2.4\% | 1.3\% |
|  | High Yield Bonds |  |  |  | 1.3\% |  | 0.5\% |  |  | 0.6\% |
|  | Structured Finance |  |  |  |  | 5.0\% |  |  | 0.7\% |  |
|  | Original/Current Portfolio Weighted Average Rating (S\&P equivalent of Moody's ratings on underlying loans) | B+/B | B+(B)/B | B+/B | $\mathrm{B} / \mathrm{B}(\mathrm{B}-)$ | $\begin{gathered} \begin{array}{c} \mathrm{B}+(\mathrm{B}) / \\ \mathrm{B}+(\mathrm{B}) \end{array} \end{gathered}$ | B+/B | B+/B | $\mathrm{B} / \mathrm{B}(\mathrm{B} \cdot)$ | ${ }^{\text {B }}$ (B) $/ \mathrm{B}$ |
|  | Lergest Industry | $\begin{gathered} \text { Food \& } \\ \text { Beverage } \\ 10.2 \% \end{gathered}$ | Healthcare <br> 11.3\% | $\begin{aligned} & \text { Printing \& } \\ & \text { publishishng } \\ & 8.4 \% \end{aligned}$ | $\begin{aligned} & \text { Healthcare } \\ & 11.2 \% \end{aligned}$ | $\begin{gathered} \hline \text { Telecom } \\ 9.6 \% \\ \hline \end{gathered}$ | Broadcasting $10.3 \%$ | $\begin{aligned} & \text { Broadcasting } \\ & 10.1 \% \end{aligned}$ | Healthcare $11.3 \%$ | ${ }_{\substack{\text { Heathcare } \\ 9.9 \%}}^{\text {chere }}$ |
|  | Single Largest Exposure | 2.8\% | 2.8\% | 1.3\% | 1.3\% | 2.8\% | 2.6\% | 2.9\% | 1.7\% | 2.1\% |
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## Conduit Portfolio Summary

## Commercial Property (UK CMBS) - A\$0.8bn

Two layers of protection give the senior notes in which NAB has invested in a significant level of cushion against loss, despite the deterioration in the UK property market, and currently entitles the bonds to AAA ratings from S\&P and Moody's
, We hold the most senior position (note) in all deals with inherent over-collateralisation provided by the subordinate bonds - The note balance relative to the original property value was conservative at issuance across all deals

- All loans are current on loan payments with only one small ( $0.5 \%$ ) loan in one deal in default
- Expectation of consistent cashflow from high quality tenants with strong lease terms

Long lease tenors when compared to the terms of the underlying loans

|  | Deal 1 | Deal 2 | Deal 3 | Deal 4 |
| :---: | :---: | :---: | :---: | :---: |
| Current Holding | $\begin{aligned} & \text { A\$206m } \\ & (\text { ( } 999 \mathrm{~m}) \end{aligned}$ | $\begin{aligned} & \mathrm{A} \$ 292 \mathrm{~m} \\ & (£ 140 \mathrm{~m}) \end{aligned}$ | $\begin{gathered} \text { A\$175m } \\ (£ 84 \mathrm{~m}) \end{gathered}$ | $\begin{aligned} & \text { As104m } \\ & (£ 50 \mathrm{~m}) \end{aligned}$ |
| Initial \& Current Rating | AAA/Aaa | AAA/Aaa | AAA/Aaa | AAA/Aaa |
| Most Senior Tranche | Yes | Yes | Yes | Yes |
| Number of Loans | 4 | 1 | 19 | 10 |
| Original Note to Value Ratio | 48\% | 38\% | 52\% | 42\% |
| Estimated Approx. Current Note to Value Ratio | 78\% | 63\% | 80\% | 70\% |
| Major Tenants | International Insurance Co 26\% <br> UK Govt Department 18.5\% | International Legal Firm <br> 35.3\% <br> Serviced Office Space Provider 13.8\% | $\begin{gathered} \hline \text { UK Govt Department } \\ 12 \% \\ \text { Intermational Management } \\ \text { Consultancy } \\ 7.8 \% \end{gathered}$ | Major UK Retailer 44\% |

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## Conduit Portfolio Summary <br> Corporates (SCDOs) - A\$1.8bn

- Sept 2008 hedges improved credit profile
- Internal ratings initially established between BBB and A
- External ratings initially at AAA

Internal ratings were lower because relatively more defaults were expected
1H2009 brought significant negative pressure on SCDOs

- One credit event, affecting a single SCDO
- Large scale negative ratings migration in portfolio - particularly in March 2009
- Changes to the model used by the external rating agency in late 2008 brought external ratings closer to NAB's internal ratings (i.e. more conservative)
End of March internal re-assessment (done monthly) showed internal migration to BBB category for all six SCDOs
- External ratings between AAA and BBB+ but trending downward towards internal ratings
, Negative pressure in 1 H 2009 was expected
- Downgrades occurred primarily on names NAB views as riskiest in portfolio (including monolines and mortgage insurers)

Defaults were minimal but will probably increase
What to expect in the future

- Defaults of names under pressure with concurrent reduction in credit enhancement expected and modeled in NAB's ongoing assessment of the transactions
- Potential for modest hedging from time to time to manage to internal investment grade standard
- Active management of portfolio (using internal and external resources) to increase enhancement and reduce exposure to riskiest names


## Conduit Portfolio Summary

## Corporates (SCDOs) - A\$1.8bn

One credit event in first half of FY2009, affecting a single SCDO (Deal 2 - subordination reduced by $0.50 \%$ ); subordination levels across other deals unchanged since 30 September

Downgrades in the portfolios as a result of current economic conditions have put pressure on the transactions. These downgrades and recent changes in ratings methodology by the external rating agency have resulted in movements of external ratings from AAA to between AA+ and BBB+ for five of the six transactions (one deal still has a AAA external rating)

Managed by a dedicated specialist team together with an external portfolio manager
Additional modest hedging will be considered from time to time to maintain investment grade classification

|  | Deal 1 | Deal 2 | Deal 3 | Deal 4 | Deal 5 | Deal 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tranche size | $\begin{gathered} \mathrm{A} \$ 364 \mathrm{~m} \\ (\mathrm{US} \$ 250 \mathrm{~m}) \end{gathered}$ | $\begin{gathered} \mathrm{A} \$ 291 \mathrm{~m} \\ (\mathrm{US} \$ 200 \mathrm{~m}) \end{gathered}$ | A\$291m (US $\$ 200 \mathrm{~m}$ ) | A\$300m | $\begin{gathered} \mathrm{A} \$ 249 \mathrm{~m} \\ (\mathrm{NZ} \$ 300 \mathrm{~m}) \end{gathered}$ | A\$300m |
| Portfolio Notional Amount (Asb) | \$68 | \$27 | \$23 | \$30 | \$23 | \$30 |
| Attachment Point - 30 March 2009 | 4.68\% | 5.18\% | 6.28\% | 9.82\% | 7.11\% | 7.80\% |
| Detachment Point - 30 March 2009 | 5.22\% | 6.25\% | 7.53\% | 10.83\% | 8.16\% | 8.88\% |
| Tranche Thickness | 0.54\% | 1.06\% | 1.25\% | 1.01\% | 1.05\% | 1.08\% |
| Recovery Rate | 70\% | 50\% | 40\% | Floating | Floating | Floating |
| Maturity (years) | 4.98 | 4.48 | 4.73 | 8.26 | 8.01 | 8.29 |
| Number of Reference Entities | 112 | 136 | 134 | 100 | 113 | 102 |
| Individual Exposure Weighting | Max: 1.34\% Avg: 0.89\% Min: 0.64\% | Max: $1.33 \%$ Avg: 0.74\% Min: 0.27\% | Max: 1.77\% Avg: 0.75\% Min: 0.41\% | Max: $1.52 \%$ Avg: $1.00 \%$ Min: 0.51\% | Max: 1.37\% Avg: 0.88\% Min: 0.32\% | Max: 1.63\% Avg: $0.98 \%$ Min: 0.54\% |
| Portfolio Weighted Average Rating (30 Sep 08*/31 Mar 09) | вBB-/8B+ | BBB+/BBB- | BBB+/BBB- | BBB+/B8B- | A/BBB- | BBB+/BBB- |
| Number of credit events to loss at average/maximum concentration (assuming 20\% recovery for deals 4,5 and 6) | 17.4/11.6 | 14.4/7.9 | 14.1/7.7 | 12.1/8.0 | 9.8 / 6.5 | 9.8 / 6.0 |
| Rating 30 Sept 08 (externalinternal) | AAA/BBB+ | AAA/A. | AAA/A- | AAA/A | AAA/BBB | AAA/BBB |
| Rating 31 Mar 09 (external/internal) | A+/BBB- | AA/BBB- | AAA/BBB- | AA+ (neg) /BBB | AA/BBB- | BBB+/BBB- |

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## Conduit Portfolio Summary <br> Credit Wrapped ABS - A\$1.1bn

- NAB owns a pro-rata share of two RMBS/ABS portfolios

At issue, all collateral in the portfolios was rated AAA/Aaa by S\&P and Moody's either directly or as the result of an insurance policy

Each portfolio also benefits from a portfolio-wide policy from AMBAC or MBIA

- MBIA was downgraded to BBB+/B3 by S\&P/Moody's on February 18th and AMBAC was downgraded to A by S\&P on November 19th and to Ba3 by Moody's on April 13th

Much of the collateral in each portfolio is backed by residential mortgage backed securities and has experienced some credit deterioration due to the distressed housing market

For so long as the insurers perform under their policies, no losses will be incurred. However NAB has estimated a maximum loss of c. $20 \%$ of principal assuming immediate default of both insurers and no recovery in respect of the policie

|  | Portfolio 1 | Portfolio 2 |
| :--- | :---: | :---: |
| Current NAB Exposure | A $\$ 620 \mathrm{~m}$ <br> $($ US $\$ 425 \mathrm{~m})$ | A $\$ 475 \mathrm{~m}$ <br> $($ US $\$ 326 \mathrm{~m})$ |
| Asset Breakdown |  |  |
| Residential Mortgage Backed Securities ${ }^{\star}$ | $33.8 \%$ | $57.6 \%$ |
| Collateraized Debt Obligations | $11.6 \%$ | $0.00 \%$ |
| Insurance ABS | $5.3 \%$ | $2.3 \%$ |
| Student Loan ABS | $23.6 \%$ | $22.8 \%$ |
| Transportation and Other ABS | $25.6 \%$ | $17.2 \%$ |
| Portfolio Guarantor | MBIA (BBB+/B3) | AMBAC (A/Ba3) |
| \% of Underlying Assets with Wrap | $51.0 \%$ | $37.2 \%$ |

* Includes Prime and non-Prime RMBS


## National Australia Bank

## Additional Information

Australia Region, NZ Region and nabCapital
Asset quality
Capital and Funding
Economic outlook
UK Region Update





| New Zealand |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Portfolio break up - total NZ\$49.5bn | New Zealand Mortgages | Mar 09 | Sep 08 | Mar 08 |
|  | Low Document | 0.09\% | 0.02\% | Nil |
| Personal Lending 3\% | Proprietary | 100\% | 100\% | 100\% |
|  | Third Party Introducer | Nil | Nil | Nil |
| 50\% | LMI Insured \% of Total HL Portfolio | 4.7\% | 5.4\% | 5.9\% |
| Manufacturing 3\% | Loan to Value (at origination) | 61.9\% | 62.0\% | 62.5\% |
| Retail \& Wholesale Trade 4\% | Average loan size \$ | \$0.222m | \$0.219m | \$0.215m |
|  | $90+$ days past due ${ }^{1}$ | 0.20\% | 0.13\% | 0.11\% |
| Fishing 16\% | Impaired loans ${ }^{1}$ | 0.43\% | 0.25\% | 0.07\% |
| Commercial Property $\mathbf{1 2 \%}$ | Specific provision coverage | 29.2\% | 23.3\% | 31.3\% |
|  | Loss rate (12 month) | 0.017\% | 0.014\% | 0.001\% |
| Commercial property - total NZ\$5.9bn | $\int$ New Zealand Commercial Property | Auckland |  | $\begin{gathered} \text { Remaining } \\ \text { Regions } \end{gathered}$ |
|  | Location \% |  | 40\% | 60\% |
|  | Loan Balance < $\$ 5 \mathrm{~m}$ |  | 15\% | 33\% |
| Tourism \& Leisure 6\% Residential 12\% | Loan Balance $\$ 5 \mathrm{~m}$ < $\$ 10 \mathrm{~m}$ |  | 5\% | 10\% |
|  | Loan Balance > \$10m |  | 19\% | 18\% |
|  | Loan to Value (current) |  | 4.4\% | 46.4\% |
|  | Average loan tenor < 3 yrs |  | 33\% | 49\% |
|  | Average loan tenor $3<5 \mathrm{yrs}$ |  | 3\% | 5\% |
| Office $30 \%$ | Average loan tenor $>5$ yrs |  | 4\% | 6\% |
| Land 17\% | Average loan size \$ |  | 3.1m | \$2.1m |
|  | $90+$ days past due ${ }^{2}$ |  | .94\% | 0.72\% |
|  | Impaired loans ${ }^{2}$ |  | 2.99\% | 0.55\% |
|  | Specific provision coverage |  | 23.7\% | 18.1\% |
|  | Loss rate (12 month) |  | Nil | Nil |
| $\begin{array}{ll}53 & \begin{array}{l}1 \\ \text { Ratio relates to the Mortgage Portfolio only } \\ \\ \\ \end{array} \text { R Ratio relates to the Commercial Portfolio only }\end{array}$ |  | 2) National Austratian Bun |  |  |




Capital ratios


## Funding profile remains robust



UK FSA Capital Comparison - Basel II

- Summarised below are details of current key differences as pertinent to the Group as identified by the ongoing Australian Bankers' Association (ABA) study "Comparison of Regulatory Capital Frameworks - APRA and FSA". ${ }^{1}$

| Item | Details of differences | Impact on Bank's Tier 1 capital ratio if FSA rules applied |
| :---: | :---: | :---: |
| Mortgages | APRA requires that the Loss Given Default estimate for loans secured by mortgages be a minimum of $20 \%$ compared to a $10 \%$ minimum under FSA rules. This results in lower RWA under FSA rules. | Increase |
| Interest Rate Risk in the Banking Book (IRRBB) | The APRA rules require the inclusion of IRRBB within Pillar 1 calculations. This is not required by FSA. This results in lower RWA under FSA rules. | Increase |
| Wealth Value of Business in Force at acquisition | This amount represents the value of business in force (VBIF) at acquisition of MLC, that is now an intangible asset. VBIF is deducted from Tier 1 capital under APRA guidelines, whereas under the FSA, it is deducted from Total Capital. | Increase |
| Estimated Final Dividend | FSA requires that dividends be deducted from regulatory capital when declared and/or approved. APRA requires dividends to be deducted on an anticipated basis. This is partially offset by APRA making allowance for expected shares to be issued under a dividend re-investment plan. This results in higher capital under FSA rules. | Increase |
| DTA (excluding DTA on the collective provision for doubtful debts) | APRA requires that Deferred Tax Assets (DTAs) be deducted from Tier 1 capital except for any Deferred Tax Assets associated with collective provisions eligible to be included in the General Reserve for Credit Losses. Under FSA, DTAs are risk weighted at $100 \%$. | Increase |
| Eligible Deferred Fee Income | APRA requires certain deferred fee income to be included in Tier 1 capital. FSA does not allow this deferred fee income to be included in Tier 1 capital. This results in lower capital under FSA rules. | Decrease |
| Capitalised Expenses | APRA requires a deduction from Tier 1 capital for up-front costs associated with a debt issuance. FSA requires costs associated with debt issuance not used in the capital calculations to follow the accounting treatment. | Increase |
| Investments in NonConsolidated Controlled Entities | APRA requires Wealth Net Tangible Assets (NTA) to be deducted $50 / 50$ from Tier 1 and Tier 2 capital. The FSA allows embedded value (including NTA) to be included in Tier 1 capital and deducted from Total Capital under transitional rules to 31 December 2012 (when it will revert to a 50/50 deduction from Tier 1 and Tier 2). | Increase |
| UK Defined Benefit Pension | The schemes have moved into deficit as at 31 March 2009. Under FSA rules, the bank may substitute for a defined benefit liability the bank's deficit reduction amount. No deficit reduction amounts are presently being paid, therefore the liability is able to be reversed from reserves (net of tax) and there is no liability required to be substituted at this time. | Increase |

${ }^{1}$ The above comparison is based on public information on the FSA approach to calculating Tier 1 . Some
items cannot be quantified where the FSA may have entered into bi-lateral agreements on specific items,
tiems cannot be quantified where the FSA may
which are not generally in the public domain.
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UK FSA Capital Comparison - Basel II
Estimated impact on NAB's capital position

- The following table illustrates the impact on the Group's capital position considering these key differences between APRA and UK FSA Basel II guidelines
- This reflects only a partial list of the factors requiring adjustment

| 31 March 2009 - APRA basis | Tier 1 Capital | Total Capital |
| :--- | :---: | :---: |
| RWA treatment - Mortgages ${ }^{1}$ | $\mathbf{8 . 3 1 \%}$ | $\mathbf{1 2 . 1 9 \%}$ |
| IRRBB (RWA) $^{\text {Wealth Value of Business in Force (VBIF) at acquisition }}{ }^{2}$ | $0.72 \%$ | $1.02 \%$ |
| Estimated final dividend (net of estimated reinvestment under DRP / BSP) | $0.04 \%$ | $0.05 \%$ |
| DTA (excluding DTA on the collective provision for doubtful debts) | $0.42 \%$ | $0.00 \%$ |
| Eligible deferred fee income | $0.23 \%$ | $0.24 \%$ |
| Capitalised expenses ${ }^{3}$ | $0.26 \%$ | $0.24 \%$ |
| Investments in non-consolidated controlled entities (net of intangible | $0.08) \%$ | $(0.08) \%$ |
| component) | $0.04 \%$ | $0.04 \%$ |
| UK Defined Benefit Pension | $0.18 \%$ | $0.00 \%$ |
| Total Adjustments | $0.07 \%$ | $0.07 \%$ |
| 31 March 2009 - Normalised for UK FSA differences | $\mathbf{1 . 8 8 \%}$ | $\mathbf{1 . 5 8 \%}$ |

${ }^{1}$ RWA treatment for mortgages is based on APRA $20 \%$ loss given defaut (LGD) floor compared to FSA LGD floor of $10 \%$ aligned to the Basel II Framework.
This ignores any potential accounting differences between IFRS and UK GAAP.
${ }^{3}$ Capitalised expenses associated with debt raisings only
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Basel II Risk Weighted Assets

|  | Mar 09 |  | Sep 08 |  |
| :--- | ---: | ---: | ---: | ---: |
| Asset Class (sm) | RWAs | RWAIEAD \% | RWAs | RWA/EAD \% |
|  | 192,112 | $56 \%$ | 181,535 | $49 \%$ |
| Corporate \& Business | 44,449 | $22 \%$ | 44,977 | $23 \%$ |
| Mortgages | 7,601 | $52 \%$ | 7,503 | $52 \%$ |
| Retail | 70,038 | $58 \%$ | 68,494 | $57 \%$ |
| Standardised* | 7,416 | $82 \%$ | 7,622 | $82 \%$ |
| Other Assets | $\mathbf{3 2 1 , 6 1 6}$ | $\mathbf{4 7 \%}$ | $\mathbf{3 1 0 , 1 3 1}$ | $\mathbf{4 4 \%}$ |
| Total Credit RWAs | 5,121 |  | 5,088 |  |
| Market RWAs | 24,336 |  | 23,649 |  |
| Operational RWAs | 1,300 |  | 4,643 |  |
| IRRBB RWAs | $\mathbf{3 5 2 , 3 7 3}$ |  | $\mathbf{3 4 3 , 5 1 1}$ |  |
| Total RWAs |  |  |  |  |

* The majority of the Group's standardised portfolio is the UK Clydesdale PLC banking operations

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## IRB Eligible Provisions vs Expected Losses

- Expected losses (EL): a regulatory measure under Basel II on a gross of-tax basis, representing losses based on long-term estimates and through-the-cycle considerations
- Eligible provisions (EP): based on the AIFRS definition of incurred losses. Collective provisions are net of tax while specific provisions and partial write-offs are pre-tax.
- The capital deduction is also impacted by the different tax treatment in calculating EL and EP

| \$m | Mar 09 | Sep 08 |
| :--- | ---: | ---: |
| Collective provision | 2,772 | 2,030 |
| Specific provision | 1,125 | 669 |
| Partial write-offs | $\mathbf{4 , 4 9 4}$ | 534 |
| Total IRB Eligible Provisions (EP) <br> before tax | $\mathbf{3 , 2 3 3}$ |  |
| Tax on collective provision | $\mathbf{3 , 7 1 6 )}$ | $\mathbf{( 5 4 7 )}$ |
| Total IRB Eligible Provisions (EP) <br> after tax | $\mathbf{2 , 6 8 6}$ |  |
| Regulatory Expected Loss (EL) <br> before tax | $\mathbf{8 0 4}$ | $\mathbf{3 , 2 9 2}$ |
| Regulatory EL - EP | 402 | $\mathbf{3 0 6}$ |
|  | $\mathbf{4 0 2}$ | 303 |
| Tier 1 deductions (50\%) | $\mathbf{8 0 4}$ | $\mathbf{6 0 6}$ |
| Tier 2 deductions (50\%) |  |  |
| Total deductions |  |  |

## National Australia Bank

## Additional Information

Australia Region, NZ Region and nabCapital
Asset quality
Capital and Funding
Economic outlook
UK Region Update

## Australia Regional Outlook

| Economic <br> Indicators (\%) <br> (a) | FY07A | FY08A | FY09 (f) | FY10 (f) | FY11 (f) |
| :--- | :---: | :---: | :---: | :---: | :---: |
| GDP growth | 4.5 | 1.9 | -1.5 | 1.3 | 3 |
| Unemployment <br> rate | 4.3 | 4.1 | 6 | 7.5 | 7.7 |
| Core Inflation | 3.1 | 4.8 | 3.5 | 2.1 | 2.2 |
| Cash rate | 6.5 | 6.75 | 2.25 | 2.5 | 4 |
| System <br> Growth (\%) | FY07A | FY08A | FY09(f) | FY10(f) | FY11(f) |
| Housing | 11.9 | 9.2 | 7 | 8 | 10 |
| Cards | 10.7 | 8 | 5 | 6 | 6 |
| Other personal <br> (incl cards) | 11.7 | 2.5 | 3 | 6 | 6 |
| Business | 20.7 | 14.1 | 4 | -5 | 0 |
| Total system <br> credit | 15.4 | 10.5 | 5.5 | 3 | 6 |
| Retail deposits | 9.3 | 19.6 | 7 | 8 | 8 |
| Business <br> deposits | 23 | 14.2 | 5 | 5 | 5 |
| Total \$A ADI <br> deposits (b) | 15.6 | 14.8 | 7.5 | 8.5 | 10 |

(a) Percentage change in year ended September, except for cash and unemployment rates, which are as at end September.
(b) Total ADI deposits also includes wholesale deposits (such as CDS), community
\& non-profit deposits but excludes deposits by government \& ADI's.
Activity and credit demand set to slow significantly. Despite avoiding the worst of the global financial and economic disruption, Australian real output/income is forecast to decline by $1.5 \%$ during the ' 09 bank year before rising by $1.3 \%$ the year after. Do not see any positive growth until early 2010 and no return to trend growth until late 2010/ early 2011

- Forecasting a moderate recession followed by a relatively slow recovery.
- Significant falls in business investment and exports with Australia's major trading partner output falling by around $1 \%$.
- Consumers have experienced falls in wealth for the first time in 20 years - private consumption will be, at first time in 20 years - private consumption will betw, injections.
, Sharply slowing business credit.
- Moderate growth in housing lending. Total credit growth forecast to slow to around 3\% in 2010 and around $5 \%$ in 2011.
- Deposits forecast however to be stronger (especially retail) as consumers keep their cash in less risky assets.
While core inflation is not expected to be back in the RBA target range until early 2010, the RBA is likely to continue to respond to the downside risks to growth
and cut cash rates further - forecast at 125 points to a low of $2 \%$ by December 2009 quarter.


## UK Regional Outlook

| Economic <br> Indicators (\%) | FY07A | FY08A | FY09(f) | FY10(f) | FY11(f) |
| :--- | ---: | ---: | ---: | ---: | ---: |
| GDP growth | 3.1 | 1.9 | -3.6 | 0.3 | 2.6 |
| Unemployment | 5.3 | 5.8 | 7.9 | 10 | 9.5 |
| Inflation (RPI/CPI) | 3.9 | 3.6 | 0.3 | 1.7 | 1.5 |
| Cash rate | 5.5 | 5.0 | 0.5 | 1 | 2.5 |
| System <br> Growth (\%) | FY07A | FY08A | FY09(f) | FY10(f) | FY11(f) |
| Housing | 11 | 5.2 | 2.2 | 4 | 5 |
| Consumer | 6 | 6.2 | 4.5 | 5.3 | 6 |
| Business | 16.3 | 7.5 | 3 | 1 | 3 |
| Total lending | 12.3 | 6 | 2.7 | 3.0 | 4 |
| Household <br> deposits | 8.2 | 5.7 | 5.0 | 5.2 | 5 |

Deep recession under way - could prove to be the worst of the postwar period with a likely cumulative drop in output of almost 5\%.

Few areas of resilience outside the public sector. Output declining in almost every part of the private sector and virtually all categories of demand are softening. Business investment falling, firms are running down stocks and consumer spending is very weak.

Unemployment is rising fast and expected to worsen. Latest monthly numbers for unemployment benefit recipients showed a large rise. Asset prices falling fast with commercial property prices down by $40 \%$ from their peak. Asset quality deteriorating as activity falls, unemployment rises and asset prices decline.
Eventually, sharply weaker Sterling, very low interest rates, tax cuts, public spending and lower commodity prices should trigger a recovery in UK activity but not likely until 2010.

## NZ Regional Outlook

| Economic <br> Indicators (\%) | FY07A | FY08A | FY09(f) | FY10(f) | FY11(f) |
| :--- | ---: | ---: | ---: | ---: | ---: |
| GDP growth | 2.8 | 1.6 | -2 | 1.3 | 3 |
| Unemployment | 3.5 | 4.2 | 5.8 | 7.5 | 7 |
| Inflation | 1.8 | 4.1 | 2.6 | 1.6 | 2.0 |
| Cash rate | 8.3 | 7.5 | 2 | 3.25 | 4.25 |
| System <br> Growth (\%) | FY07A | FY08A | FY09(f) | FY10(f) | FY11(f) |
| Housing | 14 | 7 | 2.8 | 4 | 4.5 |
| Personal | 6.5 | 5.4 | 1.2 | 1.7 | 2 |
| Business | 15.3 | 14.0 | 6 | 5 | 5.5 |
| Total lending | 14.1 | 9.6 | 4.5 | 4.25 | 4.9 |
| Household <br> retail deposits | 13.5 | 13 | 12 | 9 | 8 |

- Long recession with weak domestic spending and rising unemployment. Fortunately, entered recession with low public debt, scope to use fiscal pumppriming and able to reduce interest rates by a large amount.

Business survey results are still very poor
Commodity prices fallen heavily as dairy boom fades but lower NZ\$ cushions the blow.
Overall system credit growth has slowed sharply.
b Household credit growth slowed substantially
Scope to ease policy by cutting interest rates and lower NZ\$. Shrinking scope for more tax cuts and higher public spending as Government deficit already set to widen considerably as revenue falls
Asset prices falling - house prices easing. Commercial property yields up.

## National Australia Bank

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## National Australia Bank

## UK Region Update

Investor presentation

28 April 2009
Lynne Peacock, UK Chief Executive Officer David Thorburn, UK Executive Director

National Australia Bank Limited ABN 12004044937

## National Australia Bank

Market and Economic Background

The banking crisis in the UK


## Large scale regulatory and government response

- Large scale re-capitalisation programme, liquidity and funding support
- Customer protection measures
- Implementation of protection against credit losses arising from 'toxic' balance sheet assets


## Phase 1 - Initial liquidity support and

recapitalisation of UK banking sector (2008)

## Capital initiatives

, Government Reconstruction Fund
(£37bn injected into RBS, Lloyds \& HBOS)

- New Tier 1 capital requirements


## Funding \& liquidity initiatives

- Special Liquidity Scheme
- Credit Guarantee Scheme
- Interest rates cut to $2.0 \%$ (subsequently cut to $0.5 \%$ )
Market \& customer support
- Deposit Guarantee raised to $£ 50,000$, and Financial Services Compensation Scheme imposes levy on ADI's to fund compensation payments
SME Loan Guarantee Scheme

Phase 2 - Credit impairment, capital, funding and liquidity (2009 - ongoing)

## Capital initiatives

Increase in Government holding in RBS from 58\% -
$70 \%$ (conversion of pref shares to ordinary equity)

Funding \& liquidity initiatives

- Credit Guarantee/Liquidity Schemes extended (end 09)
- Guarantee Scheme for Asset Backed Securities
- Asset Purchase Facility


## Credit Impairment Support

- Asset Protection Scheme - insurance (beyond first loss and $10 \%$ thereafter) against future credit losses arising from 'toxic' asset exposure


Economic impacts - comparison with 1990's

- Low interest rates - underpin the affordability of household and company debt

Sterling exchange rate depreciated UK exports more competitive in foreign markets

- Significant falls in energy prices enhance households' \& SME's purchasing power
- Internationally coordinated efforts previous recessions no consensus
- 'Margin Lending' rare - mitigates downside

| Bank rate |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |
| Source: Bank of England / ONS <br> RPI (Percentage change on a year earlier) |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| $\begin{array}{llllllll} -5 & -2 & -1 & 0 & 1 & 2 & 3 & 4 \\ & -2 & 5 \\ & & \text { Quarters before and after recession starts } \end{array}$ |  |  |  |  |  |  |  |  |
| Source: ONS |  |  |  |  |  |  |  |  |

## Regulatory outlook - Turner Review

- The FSA published the Turner Review in March 2009
- Purpose to review the causes of the current crisis and make recommendations on the changes in regulation and supervisory approach
, The key proposed reforms covers the following key areas;
- Strengthening the capital adequacy, accounting and liquidity regimes
- Increasing the scope of regulation
- Deposit insurance to provide better protection for consumers
- FSA supervisory approach greater focus on Risk Management and Governance
- Remuneration structures more risk-based
- Global cross-border banks
- Pro-cyclicality
- The 'consultation period' is to June $18^{\text {th }}, 2009$
- The report makes 38 recommendations 20 requiring international agreement


## YNational Australia Bank

## UK Results

|  | UK Region result |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | £m | Half year to |  | Half year to |  |  |  |
|  |  | Mar 09 | Mar 08 | \% Change | Mar 09 | Sep 08 | \% Change |
|  | Net operating income | 563 | 612 | (8.0) | 563 | 623 | (9.6) |
|  | Operating expenses | (325) | (358) | 9.2 | (325) | (359) | 9.5 |
|  | Underlying profit | 238 | 254 | (6.3) | 238 | 264 | (9.8) |
|  | Charge to provide for bad and doubtful debts | (168) | (60) | large | (168) | (115) | (46.1) |
|  | Cash earnings | 50 | 139 | (64.0) | 50 | 110 | (54.5) |
|  | ROA | 0.24\% | 0.79\% | (55bps) | 0.24\% | 0.59\% | (35bps) |
|  | CTI | 57.7\% | 58.3\% | 60bps | 57.7\% | 57.6\% | (10bps) |
| 75 | National Australia Bank |  |  |  |  |  |  |

## National Australia Bank

## Margins and Funding Costs





## Business lending pricing*



[^0]


Pensions

| Assumption | Impact on net <br> pension position | Impact on Group Tier 1 <br> ratio* <br> (Gross of tax) | Impact on Group Tier 1 <br> ratio* <br> (Net of tax) |
| :--- | :---: | :---: | :---: |
| 50bps increase in UK Inflation rate | $(£ 86 \mathrm{~m})$ | $(5 \mathrm{bps})$ | (4bps) |
| 50 bps decrease in UK Inflation rate | $£ 77 \mathrm{~m}$ | 5 bps | 3bps |
| 50 bps increase in corporate bond yield | $£ 118 \mathrm{~m}$ | 7 bps | 5 bps |
| 50 bps decrease in corporate bond yield | $(£ 151 \mathrm{~m})$ | (9bps) | (7bps) |
| $20 \%$ movement in UK equities | $+/-£ 144 \mathrm{~m}$ | $+/-9 \mathrm{bps}$ | $+/-6 \mathrm{bps}$ |





## Mortgage portfolio £11.9bn (36\% of GLA)





## Commercial property investment \& development lending *

| Investment lending |  |  | Development lending |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Tourism \& Leisure 1 <br> Retail 18\% <br> Office | strial 10 | Residential 41\% | Tourism \& Leisu Retail Office 4 |  | Residential 82\% |
| Investment lending by balance |  |  | Development lending by balance |  |  |
| Customer Loan Balance | Size $£$ | \% of Commercial Property Portfolio | Customer Loan Balance | Size $£$ | \% of Commercial Property Portfolio |
| $<1 \mathrm{M}$ | 1.6bn | 21\% | <1M | 0.4bn | 5\% |
| $1 \mathrm{M}>2 \mathrm{M}$ | 1.0bn | 13\% | $1 \mathrm{M}>2 \mathrm{M}$ | 0.4bn | 5\% |
| $2 M>5 M$ | 1.3bn | 17\% | $2 \mathrm{M}>5 \mathrm{M}$ | 0.6bn | 8\% |
| $5 \mathrm{M}>10 \mathrm{M}$ | 0.8bn | 11\% | $5 \mathrm{M}>10 \mathrm{M}$ | 0.4bn | 5\% |
| $10 \mathrm{M}>15 \mathrm{M}$ | 0.1bn | 1\% | $10 \mathrm{M}>15 \mathrm{M}$ | 0.2bn | 3\% |
| 15M+ | 0.6bn | 8\% | 15M+ | 0.2bn | 3\% |
| Total | 5.4bn | 71\% | Total | 2.2bn | 29\% |
| * Analysis excludes transfer of assets from nabCapital |  |  | National Australfa Bank |  |  |



## Strong risk mitigants in place

- Strong credit culture - independent but embedded Credit Officers in iFS
- Larger value deals centrally approved
- Specialised Property Team on deals > £2.5m on development and $>£ 5 \mathrm{~m}$ on investment
- Portfolio assurance team created
- File review completed of all Property Development exposure and review underway of Property Investment exposure
- Initiatives developed in conjunction with developers to support and improve liquidity in the market


## Conclusion - Future strategy

- Build out business franchise on iFS platform
- Continue to:
- Accelerate cost and quality efforts
- Take advantage of new customer opportunities
- Maintain focus on deposits and funding

Examine small acquisition opportunities that add value and de-risk our position

- Deposit franchises
- Branches
- Preserve future options and leverage scarcity value

Disclaimer: This document is a presentation of general background information about the Group's activities current at the date of the presentation, 28 April 2009. It is information in a summary form and does not purport to be complete. It is to be read in conjunction with the National Australia Bank Limited Half Year Results filed with the Australian Securities Exchange on 28 April 2009 and the 2008 Annual Financial potential investors and does not take into account the investment objectives, financial situation or needs of any particular investor. These should be considered, with or without professional advice, when deciding if an investment is appropriate.

This announcement contains certain "forward-looking statements". The words "anticipate", "believe", "expect", "project", "forecast", "estimate", outlook", "upside", "Ikely", "intend", "should", "could", "may", 'target", "plan" and other similar expressions are intended to identify forwardlooking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking
statements. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of the Group, that may cause actual results to differ materially from those expressed or implied in such statements. There can be no assurance that actual outcomes will not differ materially from these statements.
Note: Information in this document is presented on an ongoing operations basis.

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[^0]:    * Data is based on iFS monthly average volumes

