

Note: Information in this document is presented on a cash earnings basis, unless otherwise stated.

Cash earnings is a key financial performance measure used by NAB, the investment community and NAB's Australian peers with similar business portfolios. NAB also uses cash earnings for its internal management reporting as it better reflects what NAB considers to be the underlying performance of the Group. It is not a statutory financial measure and is not presented in accordance with Australian Accounting Standards nor audited or reviewed in accordance with Australian Auditing Standards. "Cash earnings" is calculated by excluding some items which are included within the statutory net profit attributable to owners of the Company. A definition of cash earnings is set out on page 146 of the 2012 Full Year Results Announcement. A discussion of non-cash earnings items and a full reconciliation of the cash earnings to statutory net profit attributable to owners of the Company for the September 2012 full year is included on pages 22 and 137 of the 2012 Full Year Results Announcement. The Group's audited financial statements, prepared in accordance with the *Corporations Act 2001* (Cth) and Australian Accounting Standards, will be published in its 2012 Annual Financial Report on 19 November 2012.

**Disclaimer:** This document is a presentation of general background information about the Group's activities current at the date of the presentation, 31 October 2012. 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 Full Year Results filed with the Australian Securities Exchange on 31 October 2012. It is not intended to be relied upon as advice to investors or 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 document contains certain "forward-looking statements". The words "anticipate", "believe", "expect", "project", "forecast", "estimate", "outlook", "upside", "likely", "intend", "should", "could", "may", "target", "plan" and other similar expressions are intended to identify forward-looking 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, which may cause actual results to differ materially from those expressed or implied in such statements. Further information on important factors that could cause actual results to differ materially from those projected in such statements is contained in the Group's Annual Financial Report.

#### For further information visit www.nab.com.au or contact:

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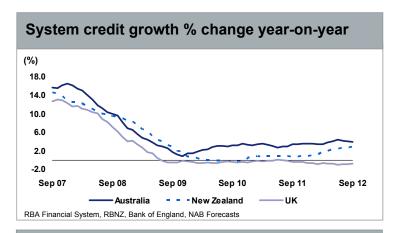


## Result reflects the strong core franchise and challenges in the UK

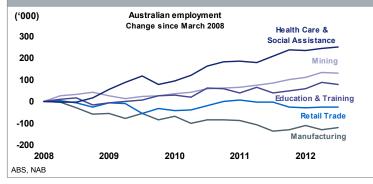
	FY12	FY12 vs FY11	2H12 vs 1H12
Underlying profit (\$m)	10,396	8.1%	1.6%
Cash earnings (\$m)	5,433	(0.5%)	(7.9%)
Cash earnings (ex Economic cycle adjustment) (\$m)	5,608	2.7%	(1.7%)
APRA Basel III Common Equity Tier 1 ratio (estimated)	7.91%	82bps	33bps
Dividend (100% franked cps)	180	4.7%	-
Cash ROE	14.2%	(100bps)	(150bps)
Statutory net profit attributable to owners (\$m)	4,082	(21.8%)	(1.1%)

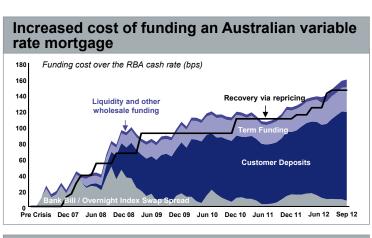
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#### **Environment remains difficult**

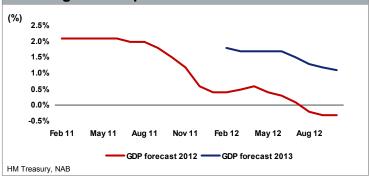


#### **Divergent conditions across Australia**



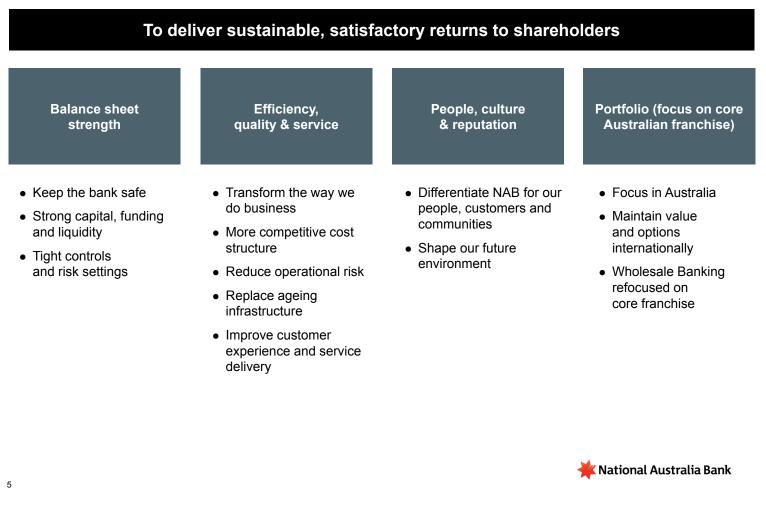


UK 2012 GDP growth – average of independent forecasts

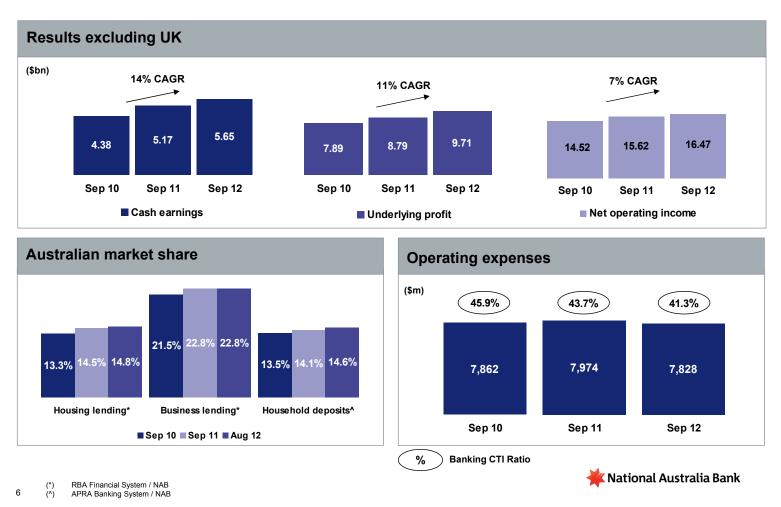




### **Continued focus on strategic priorities**



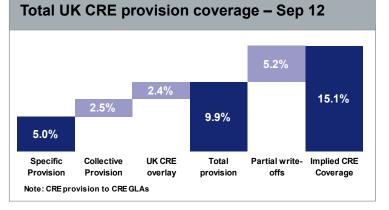
## Core franchise continues to perform strongly



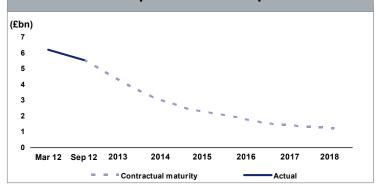
## **Progress on legacy issues**

#### **Progress on UK restructuring**

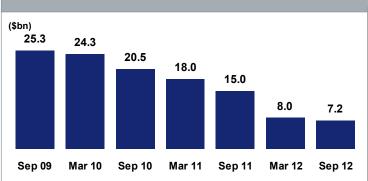
- ~£5.6bn of mainly CRE assets (before provisions) transferred • from Clydesdale Bank to NAB October 2012
- **Reductions of 468 FTEs in FY12** •
- Clydesdale Bank pro forma<sup>1</sup> SFI of 111% versus 92% • reported; smaller reliance on Group
- Clydesdale Bank pro forma<sup>1</sup> Tier 1 capital ratio 11.6% versus 9.6% reported
- · Begun back office and distribution footprint rationalisation



#### UK CRE transfer portfolio run-off profile<sup>2</sup>

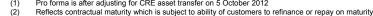


#### SGA RWAs

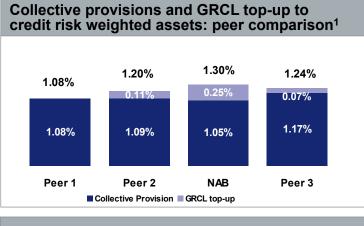


Pro forma is after adjusting for CRE asset transfer on 5 October 2012 (1)

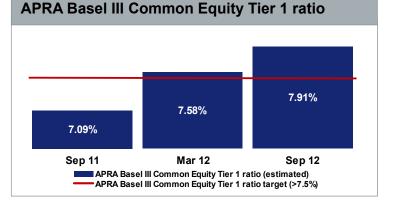
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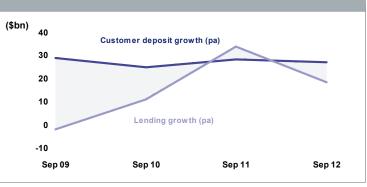
### **Balance sheet strength**







#### Customer deposit growth vs lending growth



Peer ratios as last reported (1) (2)

September 12 funding ratios have been restated. Net working capital is no longer adjusted from core assets and central bank deposits are now excluded from customer deposits



## **Enterprise-wide Technology and Operations Transformation**

Dimensions of Technology & Operations Environment			Programs	Status	
		Channel and Distribution Systems	NextGen customer web portals, nabtrade, nabConnect, mobile apps, ATM upgrades	nabtrade customer migration complete UBank migration complete nabConnect functionality enhanced	
	Customer Information Management Systems Product Systems Enterprise Systems		NextGen Single Customer View	In progress	
ation			NextGen – Deposits, transaction banking and lending	In progress	
form			NextGen – Information Analytics Platform, single general ledger, credit risk engine replacement	SAP general ledger, HR and procurement system implemented in Aust and NZ	
ransi		Payments	Payments Transformation - Swift Gateway upgrade, International and High Value payments, real time	In progress	
sss T		Voice Infrastructure	Single voice system – converged nine different hard-wired voice systems	Completed	
roce		Networks, Security	Network transformation - converged eight different data systems	Completed	
	astruct	Employee Services	Workplace transformation - Office tools, email, PC upgrades	In progress	
		Mainframes, Servers, Operating Systems	Infrastructure transformation – modern hardware, hosting and storage via private cloud	In progress	
		Data Centres	Data Centre consolidation	In progress	

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#### Summary

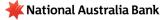
- Difficult operating conditions, particularly in the UK
- Good momentum in core Australian and NZ businesses
- Strong cost disciplines
- Basel III capital ratio above minimum
- Prudent top-up to Collective Provisions
- FY13 areas of focus
  - improve returns in the UK
  - maintain momentum in Australian and NZ franchises
  - cost discipline and productivity
  - continue to progress technology deployment



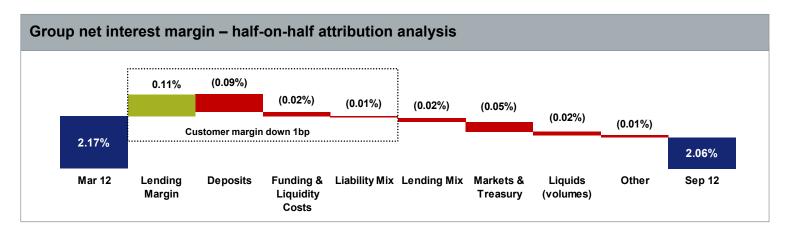
## Group financial result

(\$m)	Sep 12 Full Year	Sep 11 Full Year	Change on Sep 11	Sep 12 Half Year	Mar 12 Half Year	Change on Mar 12
Net interest income	13,297	13,092	1.6%	6,589	6,708	(1.8%)
Other operating income	3,412	3,016	13.1%	1,772	1,640	8.0%
NAB Wealth net operating income	1,515	1,486	2.0%	755	760	(0.7%)
Net operating income	18,224	17,594	3.6%	9,116	9,108	0.1%
Operating expenses	(7,828)	(7,974)	1.8%	(3,876)	(3,952)	1.9%
Underlying profit	10,396	9,620	8.1%	5,240	5,156	1.6%
B&DDs	(2,615)	(1,822)	(43.5%)	(1,484)	(1,131)	(31.2%)
Cash earnings	5,433	5,460	(0.5%)	2,605	2,828	(7.9%)
Cash ROE (%)	14.2%	15.2%	(100bps)	13.5%	15.0%	(150bps)
Spot GLAs (\$bn)	500.9	482.1	3.9%	500.9	490.4	2.1%





## Net interest margin



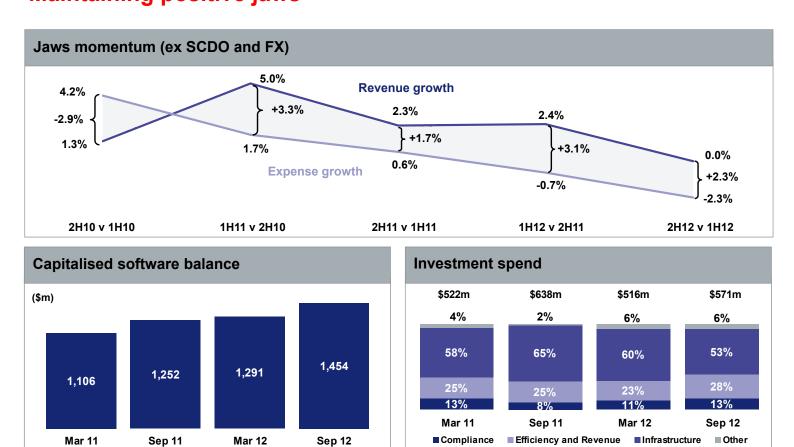
#### Business unit net interest margin

(%)	Sep 12	Margin change on Mar 12	Customer margin <sup>1</sup> change on Mar 12
Business Banking	2.50	(6bps)	(5bps)
Personal Banking	2.04	2bps	7bps
UK Banking	1.97	(12bps)	(13bps)
NZ Banking	2.38	(3bps)	1bp
Group	2.06	(11bps)	(1bp)



Customer margin comprises lending margin, deposit and funding costs and liability mix

# Maintaining positive jaws



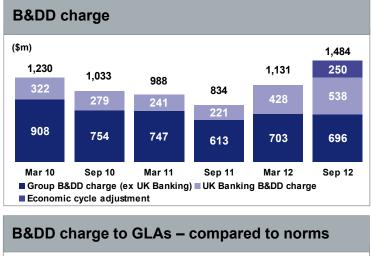
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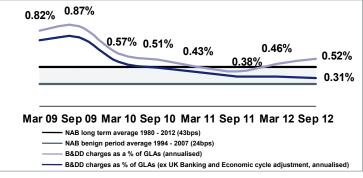
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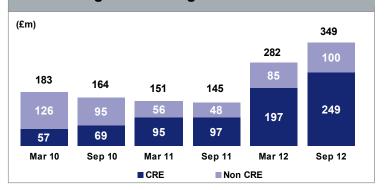
(1)

## Group B&DD

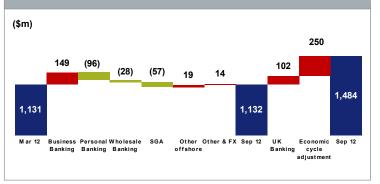




#### UK Banking B&DD charge

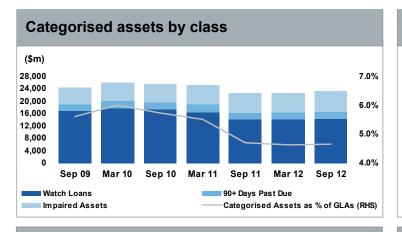


#### B&DD charge by business (constant currency)

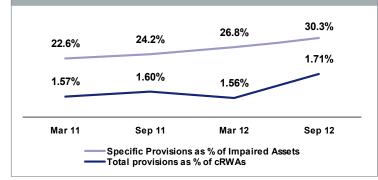


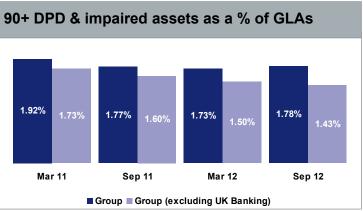
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## Asset quality and coverage ratios

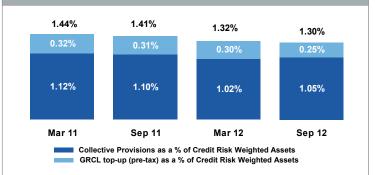


#### Total and specific provision coverage



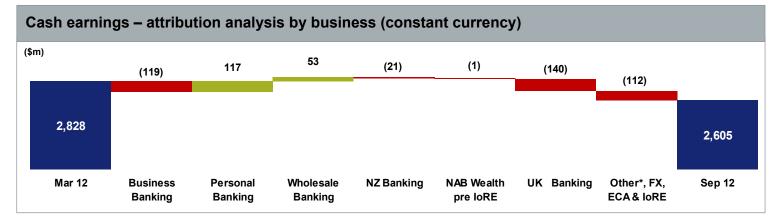


#### Coverage ratios (with and without GRCL top-up)





## **Business unit contributions**

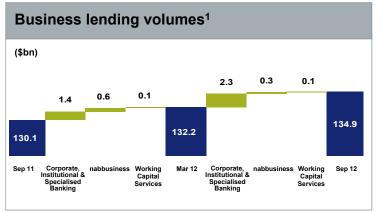


#### Annual return on average RWAs for Banking Business Units FY10 FY11 2.70% 2.60% 2.30% Negative contributors 2.04% 2.10% 1.85% 1.90% 1.56% 1.68% 1.69% 1.37% 1.54% 0 64% 0.55% 0.37% (-ve) (-ve) (-ve) wв BB PΒ ΝZ υĸ SGA

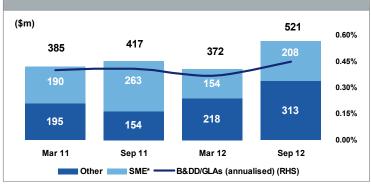
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17 (\*) Other comprises SGA, Group Funding, Group Business Services, other supporting units, Asia Banking and Great Western Bank

## **Business Banking**



#### **B&DD** charge



 Net interest margin

 (%)

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90+ DPD and GIAs as a % of GLAs

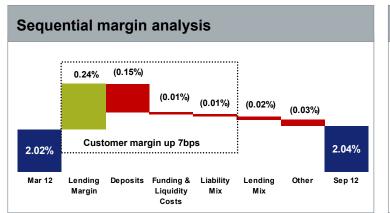


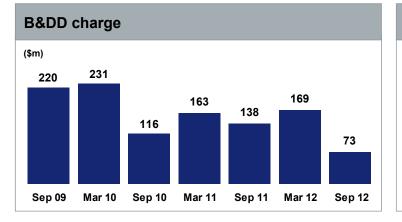
(1) Updated to reflect transfers of customers between business units

(\*) SME business data reflects the nabbusiness segment of Business Banking which supports business customers with lending typically up to \$25m, excluding the Specialised Businesses



## **Personal Banking**

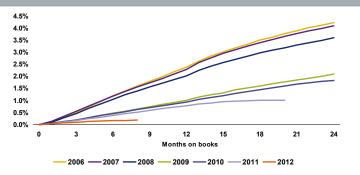




# Cash earnings and RoRWA



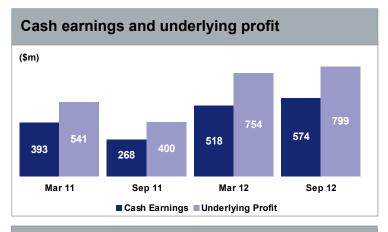
#### Australian mortgages - cumulative 30+ DPD



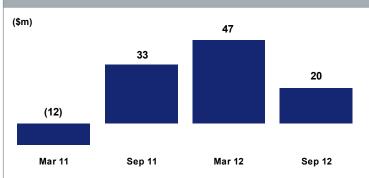
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## Wholesale Banking



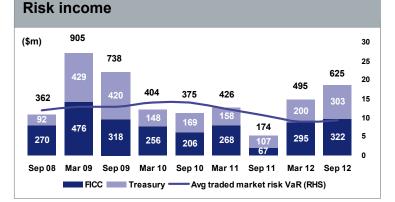
#### **B&DD** charge



#### Customer and risk income

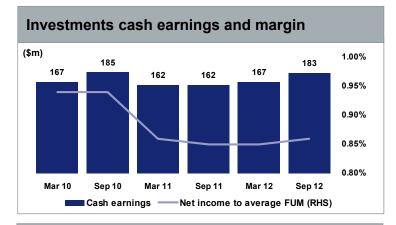


 Customer comprises Corporate and Business Risk Management Sales, Asset Servicing, Specialised Finance and Financial Institutions Group
 Risk comprises FICC and Treasury

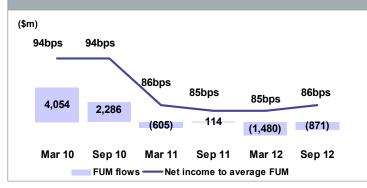




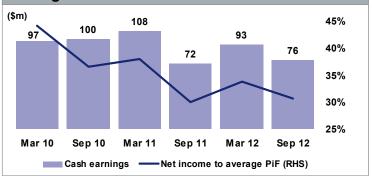
## NAB Wealth



#### FUM<sup>1</sup> net funds flow and investment margins



Insurance cash earnings and income to average PiF

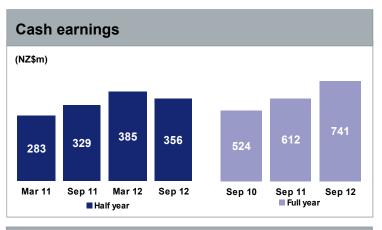


- New products and services delivered including:
  - MLC Insurance
  - MLC Wrap and refresh of MasterKey Fundamentals
  - Three new MLC Direct advice stores
  - Launch of nabtrade
  - Launch of new retirement solutions products pending
- Increased presence in direct asset management
- Growth in aligned advisor numbers of 82 or 8.1%

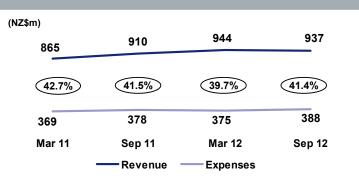


21 (1) FUM based on a proportional ownership basis

## New Zealand Banking



#### Revenue v expense growth



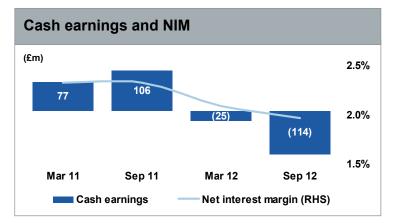
% Cost to income ratio



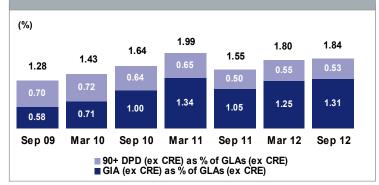
#### (NZ\$m) 95 56 34 64 64 64 8ep 11 Mar 12 Sep 12



## **UK Banking**



#### Credit quality excluding CRE



#### UK Banking pro forma

	2H12 Reported	CRE transfer portfolio	2H12 Pro forma
Cash earnings (£m)	(114)	(163)	49
Cash RoRWAs (%)	(74bps)	(112bps)	38bps
CB Tier 1 ratio (%)	9.6%	200bps	11.6%
CB SFI (%) <sup>1</sup>	92%	19%	111%
CB Assets (£bn)	44.2	(5.2)	39.0
CB funding gap (£bn) <sup>2</sup>	7.3	(5.6)	1.7

#### Other matters

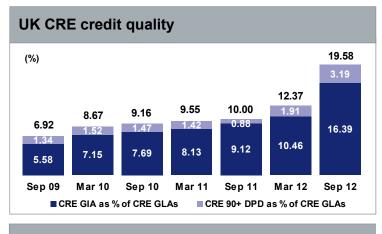
- PPI claims experience stabilising provision of £108m remaining at Sep 2012 (£169m at March 2012)
- Provision of £48m relating to other customer redress in the UK, including claims relating to interest rate products
- Pension deficit was £301m at Sep 2012 up from £85m at Mar 2012

(1) Funding ratios have been restated. Securitised assets and net working capital are no longer adjusted from core assets and central

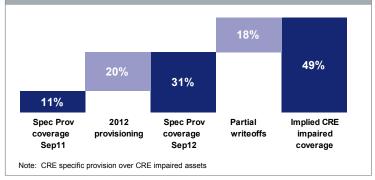
bank deposits are now excluded from customer deposits.
 Funding gap represents the difference between gross loans & acceptances and deposits



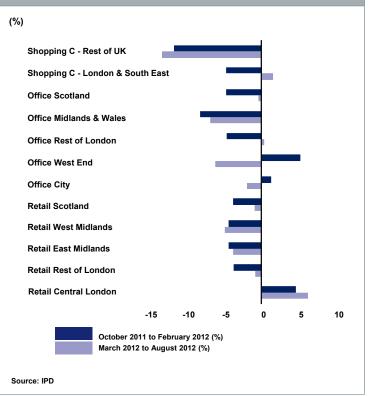
## **UK Commercial Real Estate portfolio**



#### UK CRE impaired loan coverage

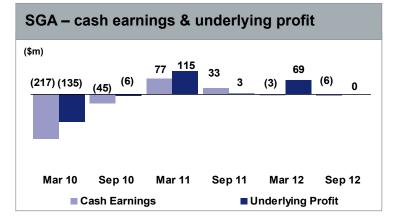


#### UK commercial property capital values



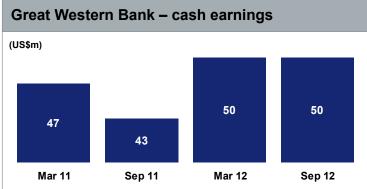


## Other international businesses

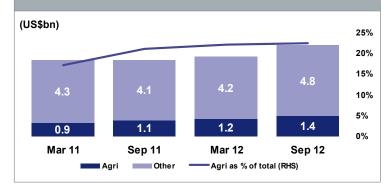


#### Removed 'sold protection' on SCDOs

- Removed \$1.5bn of credit risk
- \$4.1bn RWA reduction
- \$360m of hedge premium cost accelerated
- MTM 'noise' has been removed •
- No economic risk remaining



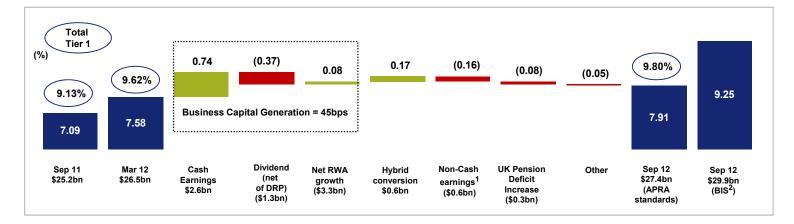
#### GWB – loan portfolio composition



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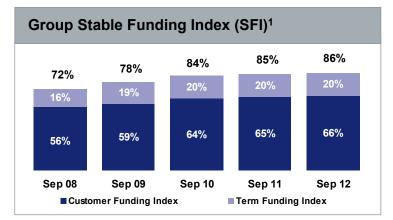
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## Strong estimated Basel III Common Equity Tier 1 capital position



- Greater certainty around APRA capital reforms package
- Basel III Common Equity Tier 1 target > 7.5% from 1 January 2013
- \$500m hybrid scheduled to convert to NAB ordinary equity in November 2012 (estimated impact 14bps)
- Discount on the final dividend reinvestment plan has been removed
- Higher Operational RWAs will be required in the December 2012 quarter due to increased regulatory requirements (estimated impact 20bps)

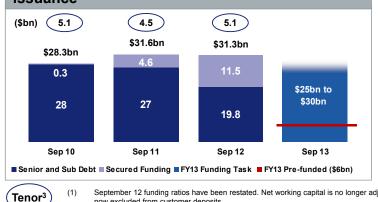
### Balance sheet strength remains a priority



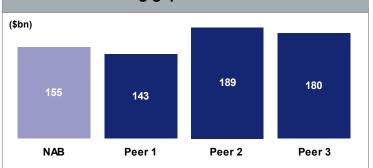
#### Term funding – volume and tenor<sup>3</sup> of new issuance

27

28



#### Australian funding gap<sup>2</sup>



#### Stable and conservative liquid assets

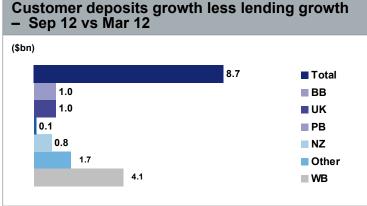


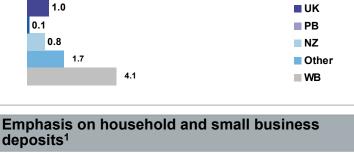
(1) September 12 funding ratios have been restated. Net working capital is no longer adjusted from core assets and central bank deposits are now excluded from customer deposits

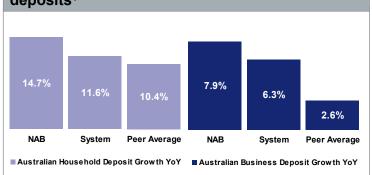
Australian funding gap = total loans and acceptances less total deposits (excluding certificates of deposit and financial corporation deposits). Source: APRA Monthly Banking Statistics (Aug 2012) (2) (3) Weighted average maturity (years) of term funding issuance

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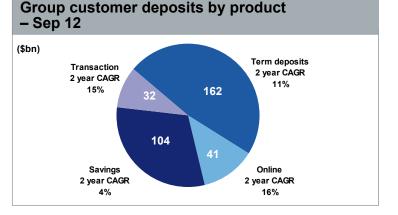
## Remain focused on growing customer deposits







- Deposit growth fully funded lending growth in FY12
- Growing number of deposit accounts with lower balance - 97% of deposit accounts have balance <\$250k
- Lowest Financial Institution deposit market share of major banks
- Half of Wholesale Banking deposit growth in Basel III compliant deposits





#### Summary

- Good momentum in the Australia & NZ franchises •
- UK disappointing but restructure underway
- Customer margin stable despite rising deposit costs
- Strong cost performance and continuing to invest •
- ECA increase a prudent response to economic outlook •
- Further strengthened funding position •
- Above new Basel III capital minimum



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# Questions

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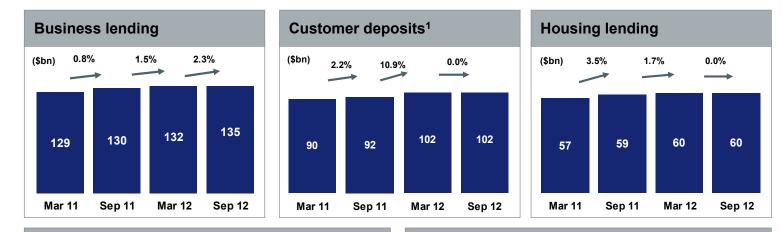


## Additional Information Business Banking

Personal Banking Wholesale Banking NAB Wealth NZ Banking UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding Other

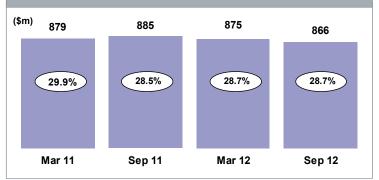
**Economic Outlook** 

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## **Business Banking**

#### Costs



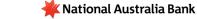
Includes retail and institutional deposits

Cash earnings on average assets



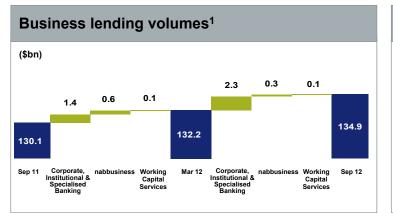
% Cost to income ratio

(1)



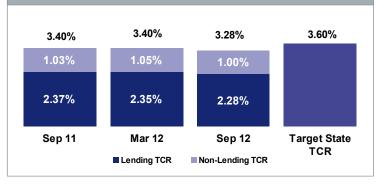
<sup>🌞</sup> nab 🤐 🍪 Clydesdale Bank 🖤 Yorkshire Bank 🛛 Bank of New Zealand 🍎 💋 Great Western Bank

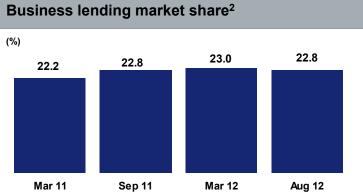
## **Business Banking**



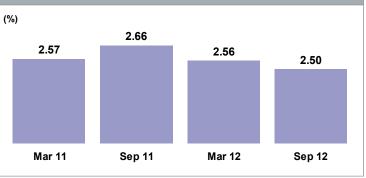
#### Enterprise cross-sell focus – Total Customer Returns

(1) (2)







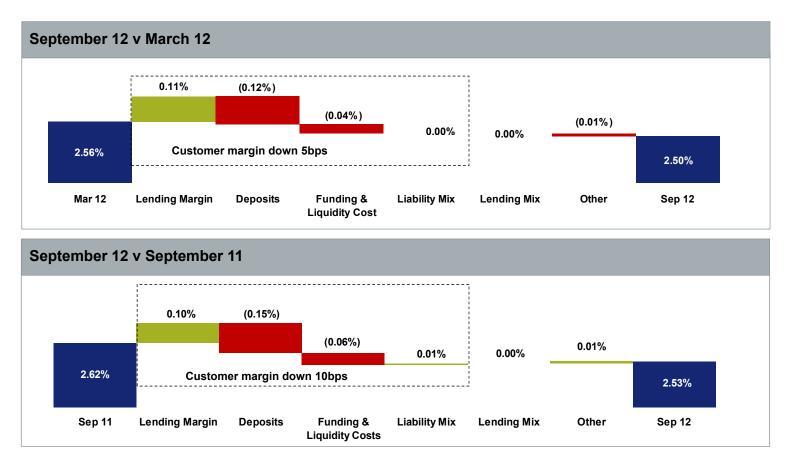


33

nab

Updated to reflect transfers of customers between business units RBA Financial System/NAB 🗱 National Australia Bank

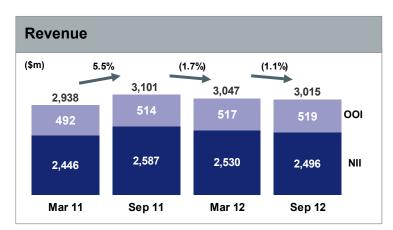
## **Business Banking: Net interest margin**



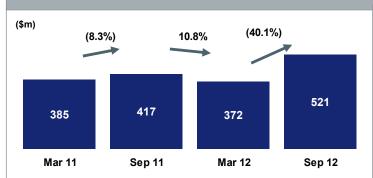


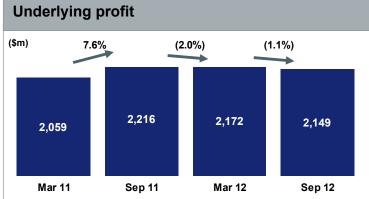


## **Business Banking**



#### **B&DD** charge





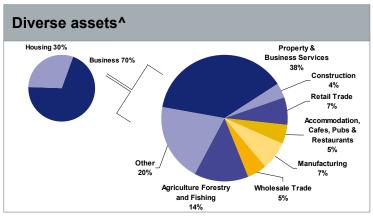


🛿 National Australia Bank

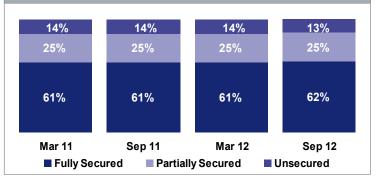
35

nab

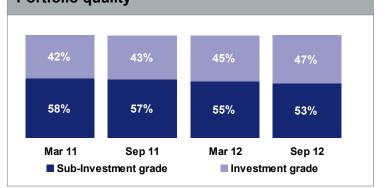
## **Business Banking: Asset Quality**



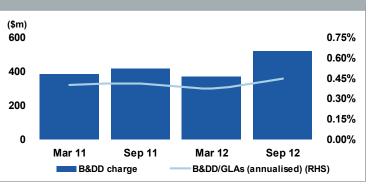
#### Well secured – business products\*\*



## Portfolio quality\*



#### **B&DD** charge

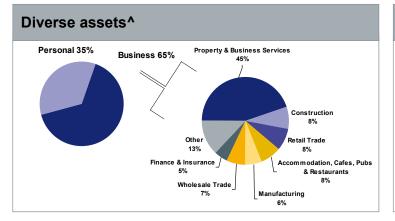




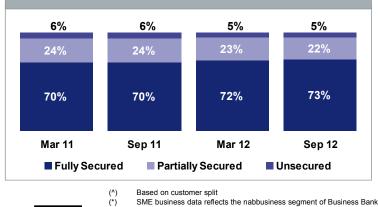
(^) (\*) (\*\*) Based on product split Portfolio quality now shown on a probability of default basis, previously expected loss basis Based upon security categories in internal ratings systems



## **Business Banking: SME Business\* Asset Quality**



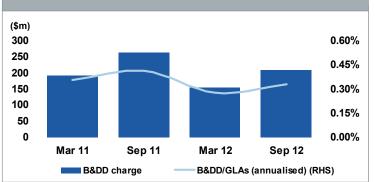
#### Well secured – business products\*\*\*



#### Portfolio quality\*\*



#### **B&DD** charge



🛿 National Australia Bank



Based on customer split

SME business data reflects the nabbusiness segment of Business Banking which supports business customers with lending

typically up to \$25m, excluding the Specialised Businesses Portfolio quality now shown on a probability of default basis, previously expected loss basis (\*\*) (\*\*\*)

37

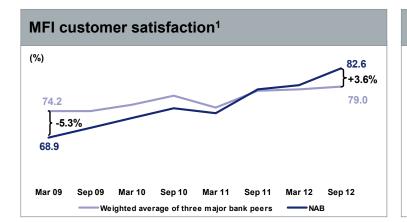
Based upon security categories in internal ratings systems

## **Additional Information Business Banking Personal Banking** Wholesale Banking NAB Wealth NZ Banking **UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding** Other Economic Outlook

😋 Clydesdale Bank 🛛 🖤 Yorkshire Bank 🛛 Bank of New Zealand 🏋 🚱 Great Western Bank **\***nab MLC



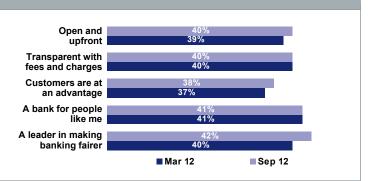
## **Personal Banking**



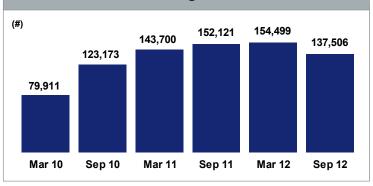
#### Home loan multiple of system growth<sup>3</sup>



#### Sweeney research brand tracker<sup>2</sup>



#### Net transaction account growth





nab

Roy Morgan Research, Aust MFIs, population aged 14+, six month moving average. Customer satisfaction is based on customers who answered very/fairly satisfied. NAB compared with the weighted average of the three major banks (ANZ, CBA, WBC) Sweeney Research Brand Tracker, refers to NAB RBA Financial System / NAB total Australian mortgages

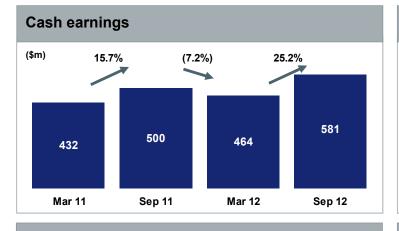
National Australia Bank

### **Personal Banking**

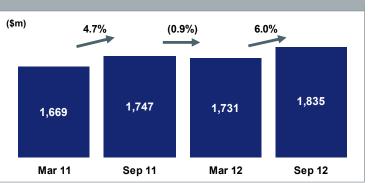
(1)

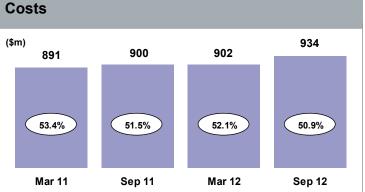
(2)

(3)



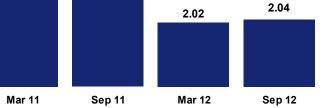
#### Revenue







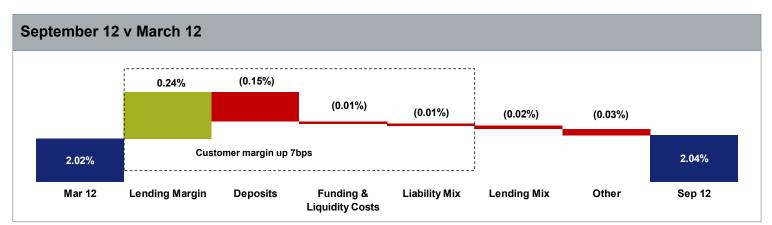
Net interest margin

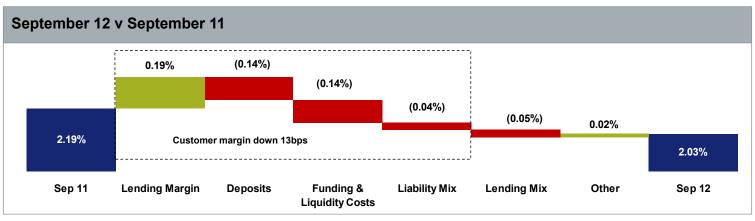


🤇 🐁 🔵 Cost to income ratio

¥ nab

## Personal Banking: Net interest margin



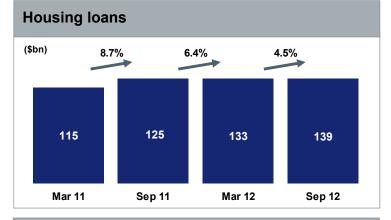


41

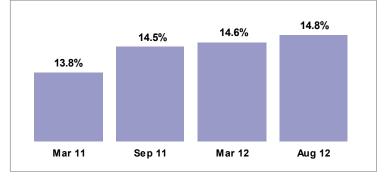
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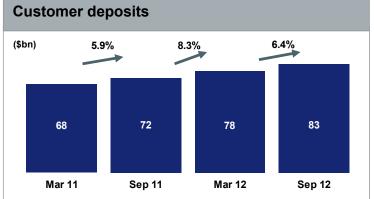
**Personal Banking** 

K National Australia Bank

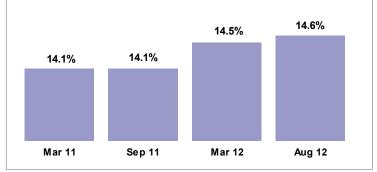


#### Housing loan market share<sup>1</sup>

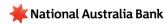




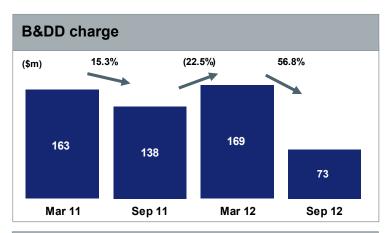
#### Household deposits market share<sup>2</sup>



nab

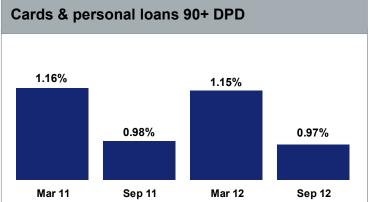


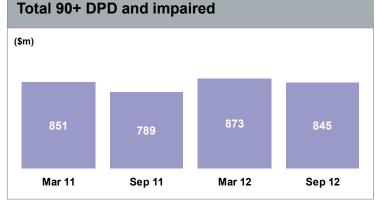
## **Personal Banking: Asset quality**









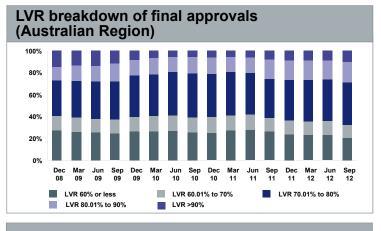


43

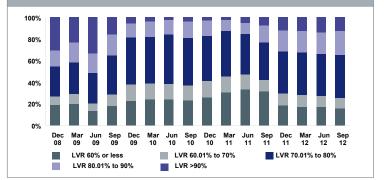
nab

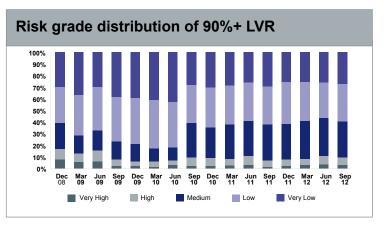
National Australia Bank

## Change in profile of mortgage approvals

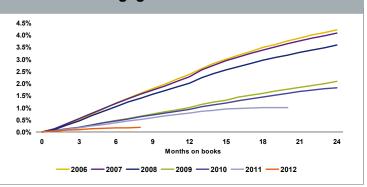


LVR breakdown of Homeside final approvals





Australian mortgages – cumulative 30+ DPD





nab

Additional Information Business Banking Personal Banking **Wholesale Banking** NAB Wealth NZ Banking UK Banking Great Western Bank Specialised Group Assets Asset Quality

Capital and Funding Other

**Economic Outlook** 

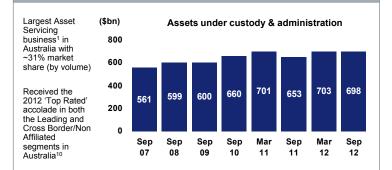


#### **Wholesale Banking**

#### Customer sales performance

	ranking	ranking
Best advice on Use of Interest Rate Risk Management <sup>2</sup>	#1	#1
Lead Interest Rate provider where the relevant bank is lead credit provider <sup>2</sup>	#1	#1
Lead Interest Rate Derivative Bank <sup>2</sup>	#1	#3
Best Bank-delivered Industry Analysis <sup>2</sup>	#=2	#3
Provider of Interest Rate Swaps (% of primary relationship – Corporate) $^{\rm 3}$	#1	#1
Provider of Spot Foreign Exchange (% of primary relationship – Corporate) <sup>3</sup>	#2	#2
Best Domestic Provider of FX Services as voted by Corporates – Australia <sup>4</sup>	#1	na
Interest Rate Derivatives Market Share 5	#1	#4

#### **NAB Asset Servicing**

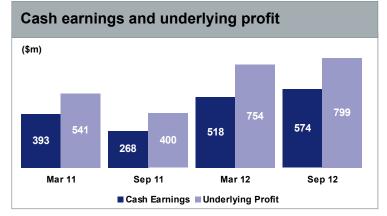


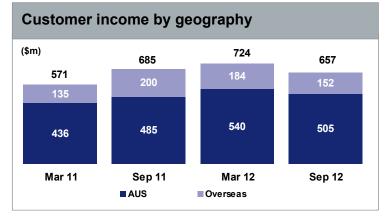


(1) Australian Custodial Services Association, Total Assets Under Custody for Australian Investors, June 2012; (2) Peter Lee Associates - Large Corporate & Institutional Relationship Banking Australia Survey 2012. Ranking against the four major domestic banks; (3) East & Partners Australian Corporate Banking Market Survey, July 2012; (4) Asiamoney FX Poll 2012 (5) Peter Lee Associates - Interest Rate Derivatives Australia Survey 2011; (6) Peter Lee Associates 2012 Large Corporate and Institutional Relationship Banking Survey - Australia. Equal No. 1; (7) Infrastructure Journal MLA League Table - Australian Region, Power & Renewable Sectors, H1 2012; (6) Project Finance International 2009-2011 APAC MLA League Tables USS Project Allocation, NAB analysis ranking against four major domestic banks - cumulative volume; (9) Kanganews, Oct 1, 2012 AU Securitisation League Table, (including AUD and foreign currency tranches only) – Excl. Self-Led Deals; (10) Global Custodian's 'Agent Banks in Major Markets Survey'

Daniel

## Wholesale Banking





#### Revenue by line of business



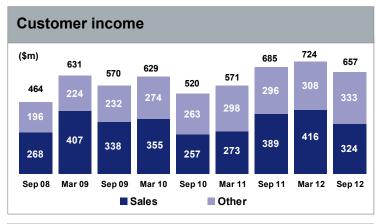
Finance and Financial Institutions Group Risk comprises FICC and Treasury

- Customer income up 10% on the September 11 year, driven by continued success in the franchise focus strategy, mainly in Australia. The strong first half benefited from favourable market conditions with a more normalised second half result
- Risk income (FICC<sup>1</sup> and Treasury) significantly improved for the full year, and September 12 half year from strong risk management and trading activity on the backdrop of ongoing external market uncertainty and gains in the liquidity portfolio

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47 (1) Fixed Income, Currencies & Commodities

## Wholesale Banking: Income

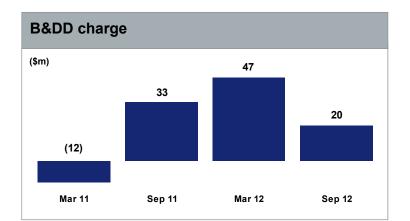




- Customer income has reduced in the September 2012 half post strong market conditions in the March 2012 half
- Risk income (FICC and Treasury) increased mainly due to strong risk management and trading activity against the backdrop of continued market uncertainty. Treasury income improved primarily through gains in the liquidity portfolio

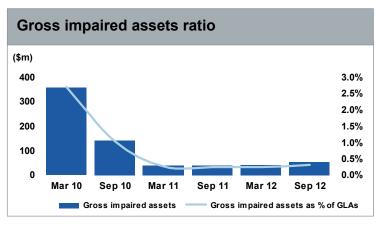


## Wholesale Banking: Asset quality



## Improved credit quality resulting in lower B&DD charge

- Portfolio asset quality stable with over 90% investment grade equivalent
- Gross impaired assets were broadly stable on September 2011 and March 2012

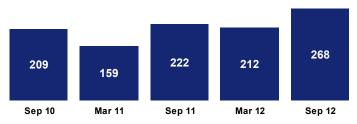


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(\$m)

49

**Collective provisions** 



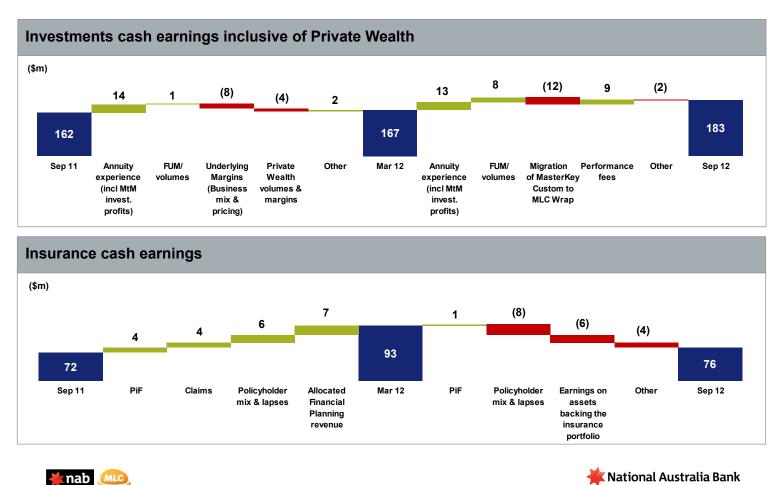
Additional Information Business Banking Personal Banking Wholesale Banking

# **NAB Wealth**

NZ Banking UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding Other Economic Outlook

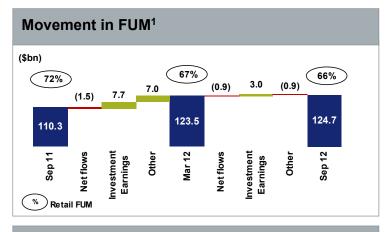


## NAB Wealth: Cash earnings



51

## **NAB Wealth: FUM**



#### Net Funds Flow vs FUM by product group

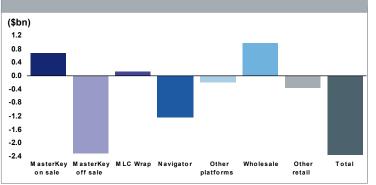
(1)

Product group	FY12 NFF (\$m)	NFF as % of Opening FUM
MasterKey on sale	662	5%
MasterKey off sale	(2,316)	(15%)
MLC Wrap	123	1%
Navigator	(1,236)	(10%)
Other Platforms	(201)	(1%)
Wholesale	986	3%
Other Retail	(369)	(9%)
Total	(2,351)	(2%)

# FUM by product group (Sep 12) (\$bn) 45 40 35 30 25 20 15

#### 10 5 0 MasterKey MasterKey MLC Wrap Navigator on sale off sale Other retail

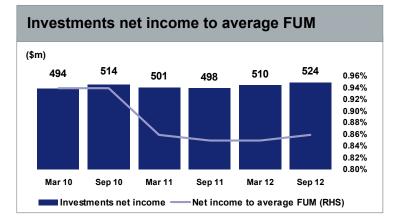
FY12 Net Funds Flow by product group

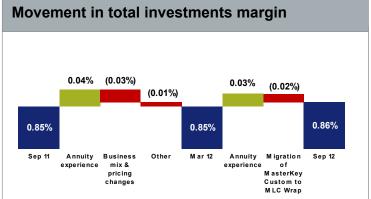






## NAB Wealth: Investments margin





PiF and Insurance sales as % of PiF

1,436

Mar 11

PiF

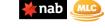
1,407

Sep 10

(\$m)

1,333

Mar 10



53

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1,524

Sep 12

1,493

Mar 12

-Sales to PiF (RHS)

1,466

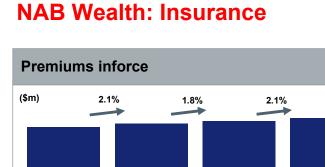
Sep 11

30%

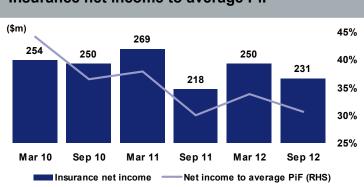
25%

20%

15% 10%





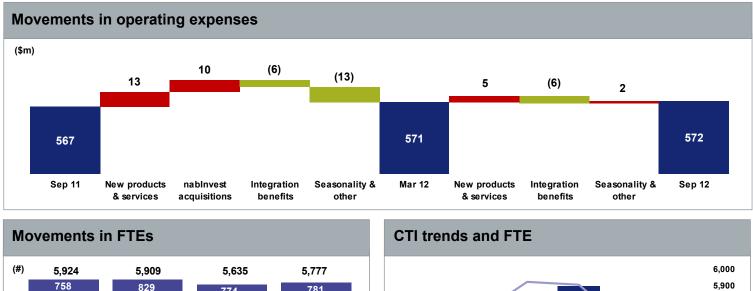


#### Insurance net income to average PiF

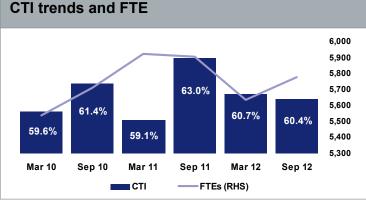


nab

## NAB Wealth: Operating Expenses







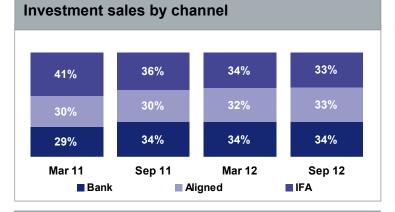
55

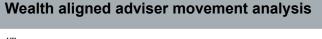
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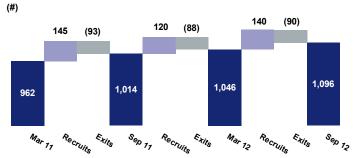
MLC

K National Australia Bank

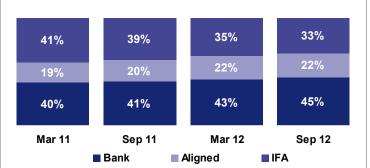
## NAB Wealth: Channel and adviser growth



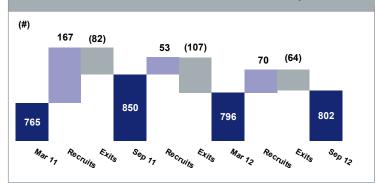




Insurance sales by channel



Wealth salaried adviser movement analysis



knab 🍊



## NAB Wealth: New products and services

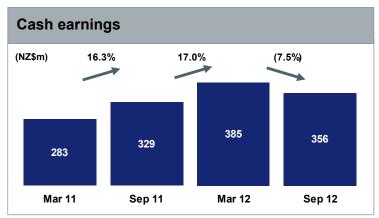
MLC Insurance Flagship product	LIFE INSURANCE	<ul> <li>Better technology – reduced turnaround times</li> <li>Better Service</li> <li>More competitive pricing and value</li> </ul>	October 2011
Repricing of Navigator / MLC Wrap	MLC N avigator MLC Wrap	Offering customers more competitive pricing and value	December 2011
MasterKey Fundamentals product refresh	MLC MasterKey®	<ul><li>More investment options</li><li>Improved customer experience</li></ul>	February 2012
NAB Mortgage Protect product	🔆 nab	<ul> <li>Affordable Home Loan protection</li> <li>Simple and easy to understand features</li> </ul>	June 2012
MLC Direct – 3 new advice stores	nab	<ul> <li>Customers have greater access to Advice</li> <li>Enabling customers to engage face to face, online or over the phone</li> </ul>	July/August 2012
Launch of nabtrade	🚧 nabtrade	<ul> <li>Online trading services</li> <li>Low brokerage</li> <li>Extensive research &amp; innovative share trading tools</li> </ul>	September 2012
Launch of new Retirement Solutions product	MLC	<ul> <li>Investment protection</li> <li>Access to capital</li> <li>Access to growth assets</li> </ul>	Quarter 1 2013
🔆 nab 📶		🖊 Na	tional Australia Bank

57

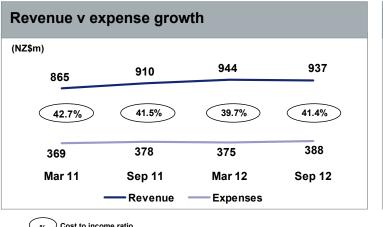
Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth **NZ Banking** UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding Other Economic Outlook

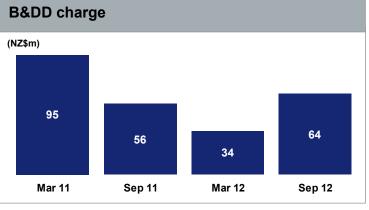


## **New Zealand Banking**







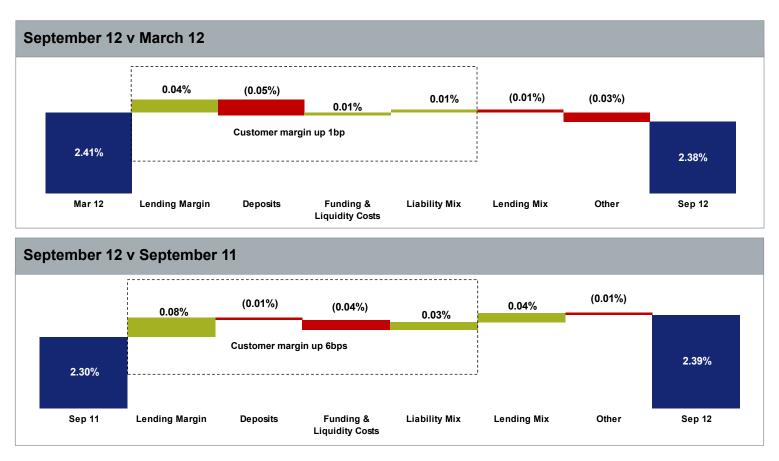


% Cost to income ratio

**Bank of New Zealand** 59

KNational Australia Bank

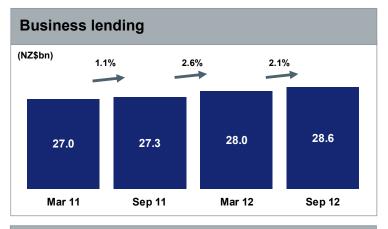
## New Zealand Banking: Net interest margin

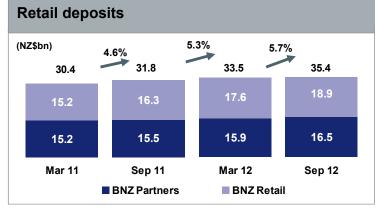






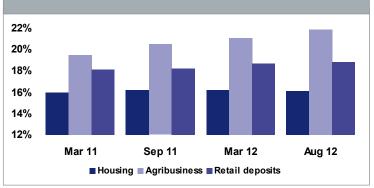
## New Zealand Banking: Volumes and market share







#### New Zealand market share<sup>1</sup>



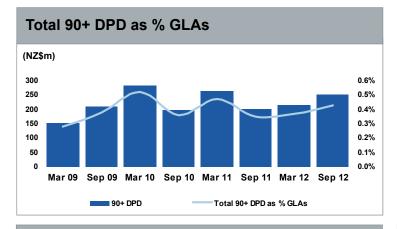
61 Bank of New Zealand

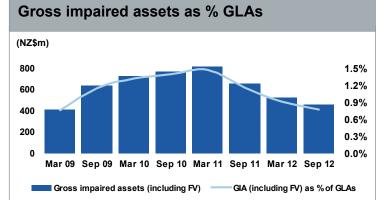
ealand (1)

RBNZ (historical market share rebased with latest revised RBNZ published data)

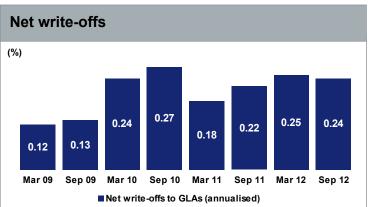
k National Australia Bank

## New Zealand Banking: Asset quality





- Gross impaired assets and 90+ DPD in total has decreased from the prior half
- Impairment rates continue to fall across both business and retail exposures
- The increase in 90+ days past due assets is related to business exposures
- Exposures in the commercial property, dairy farming and kiwifruit sectors are the main industry concerns





## Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth NZ Banking **UK Banking** Great Western Bank Specialised Group Assets

Asset Quality Capital and Funding Other

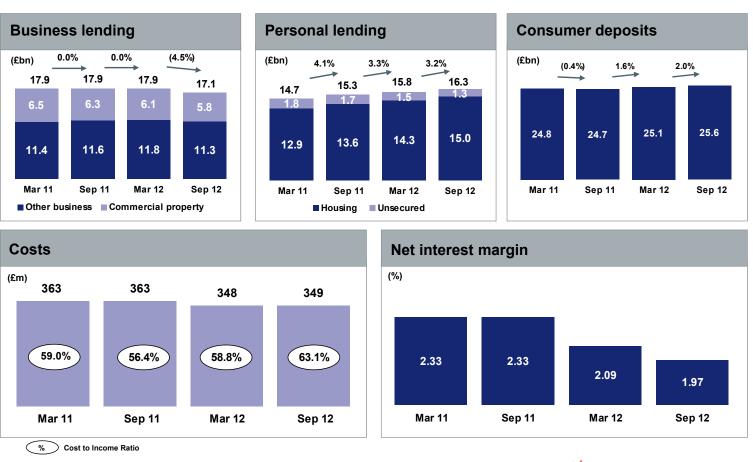
Other

**Economic Outlook** 

样 National Australia Bank

National Australia Bank

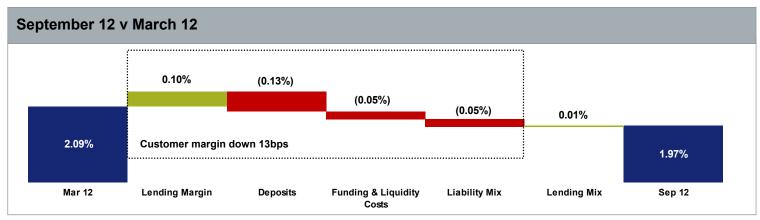
## **UK Banking**



Ciydesdale Bank Sorkshire Bank

<sup>🔆</sup> nab 🛛 📖 Cá Clydesdale Bank 🖤 Yorkshire Bank 🛛 Bank of New Zealand 🔅 🐼 Great Western Bank

## **UK Banking: Net interest margin**



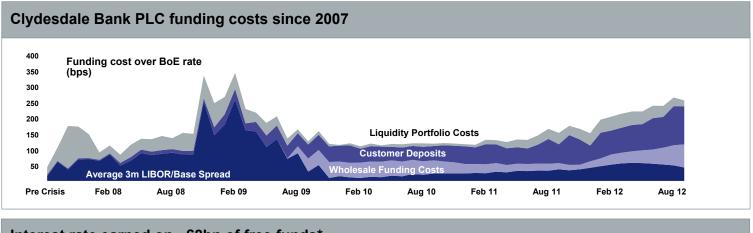
#### September 12 v September 11 ..... ..... . . . . . . . . (0.15%) 0.19% (0.22%) (0.07%) (0.05%) 2.33% Customer margin down 25bps ..... 2.03% Sep 11 Lending Margin Deposits Funding & Liquidity Liability Mix Lending Mix Sep 12 Costs

65

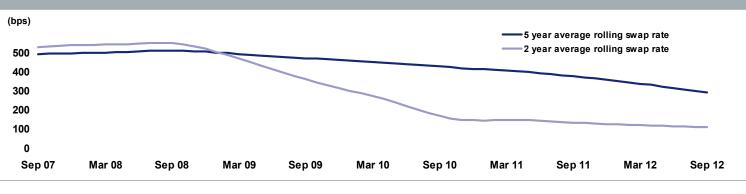
Ciydesdale Bank Syrkshire Bank

🖊 National Australia Bank

## UK Banking: Ratings downgrade increases funding costs



#### Interest rate earned on ~£8bn of free funds\*

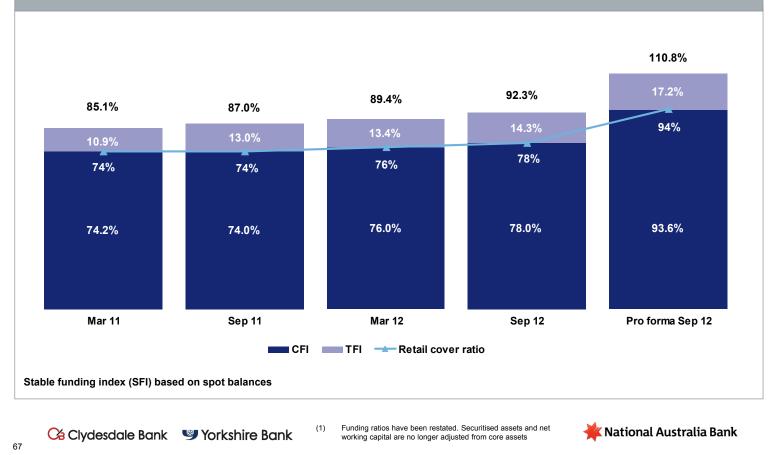


(\*) Free funds are shareholders equity and non-interest bearing deposits. These flows are hedged over a 2 and 5 year period to reduce volatility from movements in benchmark interest rates

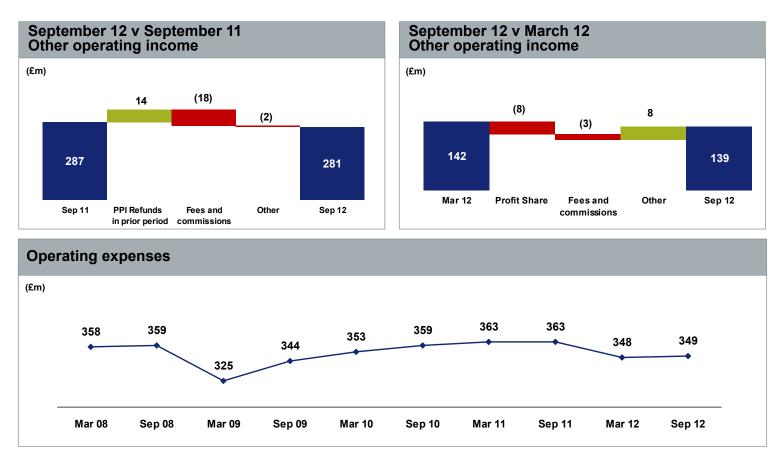


## **UK Banking: Funding mix**

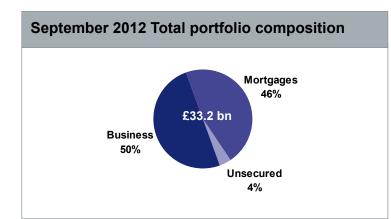
#### Clydesdale Bank PLC Stable Funding Index<sup>1</sup>



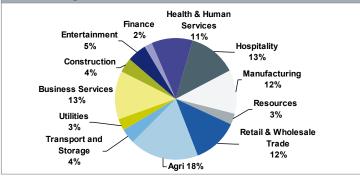
## **UK Banking: Other operating income and expenses**



## **UK Banking: Portfolio composition**



## September 2012 Business portfolio composition excluding CRE



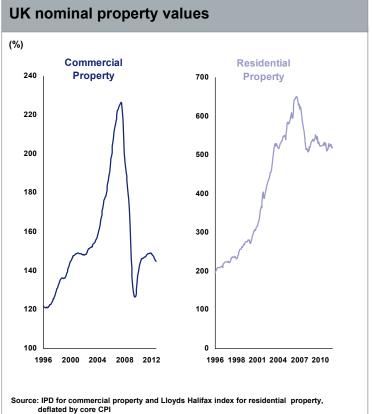
69

Ca Clydesdale Bank 🤍 Yorkshire Bank





## 'Double dip' in UK real estate values

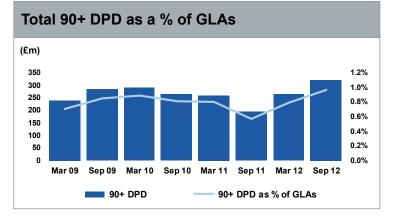


#### UK commercial property capital value (%) Shopping C - Rest of UK Shopping C - London & South East Office Scotland Office Midlands & Wales Office Rest of London Office West End Office City Retail Scotland **Retail West Midlands** Retail East Midlands Retail Rest of London Retail Central London -15 -10 10 -5 October 2011 to February 2012 (%) March 2012 to August 2012 (%) Source: IPD

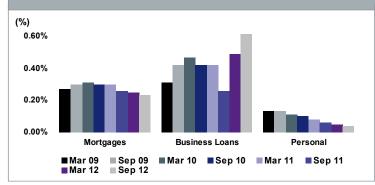


Ciydesdale Bank 🤍 Yorkshire Bank

## **UK Banking: Asset quality**

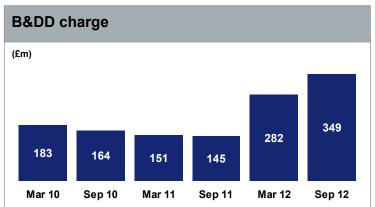


#### 90+ DPD as a % of total GLAs by product



71 Clydesdale Bank Syrkshire Bank

Coverage ratio (%) 3.0 2.5 2.0 1.5 1.0 0.5 0.0 Mar 09 Sep 09 Mar 10 Sep 10 Mar 11 Sep 11 Mar 12 Sep 12 — Coverage ratio (Total Provisions to GLAs)

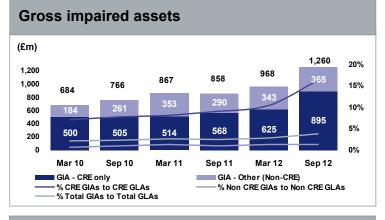


**¥** National Australia Bank

90+ DPD as % of GLAs

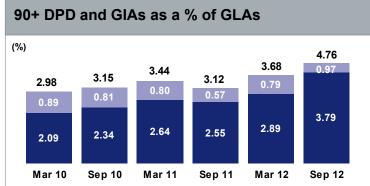
**K** National Australia Bank

## UK Banking: Asset quality



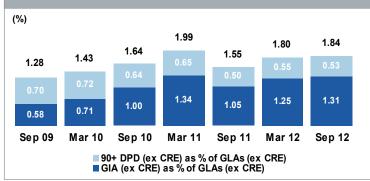
#### **UK CRE credit quality**





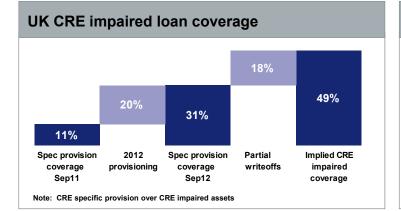
#### UK Credit quality excluding CRE

GIA as % of GLAs

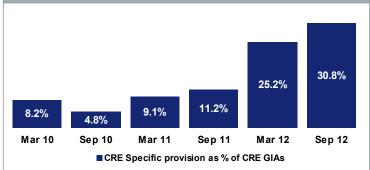


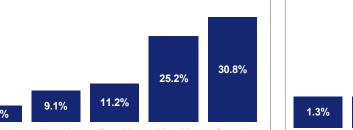
Ciydesdale Bank Syrkshire Bank

# **UK Banking: CRE provisioning increased**



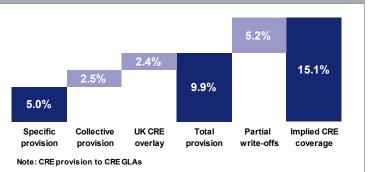
### **UK CRE Specific provision coverage**



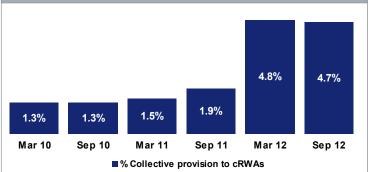


Ca Clydesdale Bank Sy Yorkshire Bank 73

Total UK CRE provision coverage – Sep 12



### UK CRE Collective provision coverage of cRWAs



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### **UK Banking: Pro forma results**

	FY12 Reported	CRE transfer portfolio	FY12 Pro forma	2H12 Reported	CRE transfer portfolio	2H12 Pro forma
Cash earnings (£m)	(139)	(287)	148	(114)	(163)	49
Cash RoRWAs (%)	(44bps)	(100bps)	56bps	(74bps)	(112bps)	38bps
CB Tier 1 ratio (%)	9.6%	200bps	11.6%	9.6%	200bps	11.6%
CB SFI (%) <sup>1</sup>	92%	19%	111%	92%	19%	111%
CB Assets (£bn)	44.2	(5.2)	39.0	44.2	(5.2)	39.0
CB funding gap (£bn)²	7.3	(5.6)	1.7	7.3	(5.6)	1.7

(1) Funding ratios have been restated. Securitised assets and net working capital are no longer adjusted from core assets

(2)

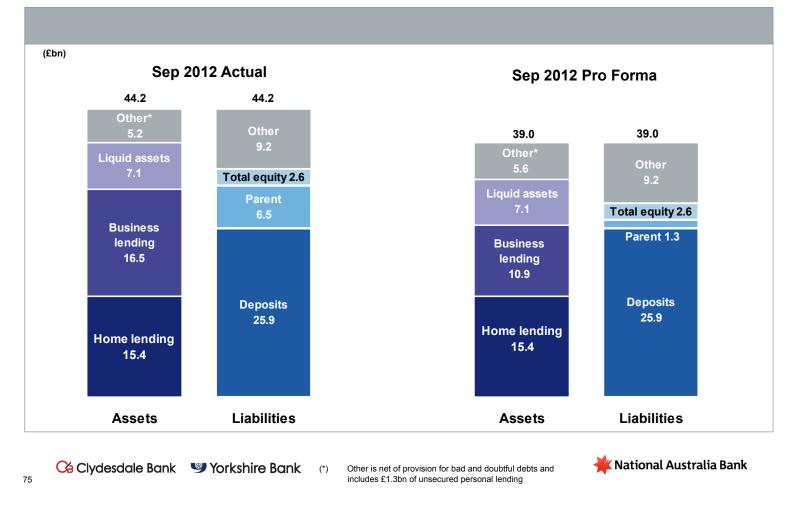
Funding gap represents the difference between gross loans & acceptances and deposits



Ciydesdale Bank Syrkshire Bank

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### **UK Banking: Restructure improves CB balance sheet structure**



### **UK Banking: Costs and benefits profile**

£m	Total	1H12	2H12	Group capital		
				£m	\$m	bps
Redundancy	86	-	86	(86)	(131)	(4)
Lease break costs	35	-	32	(35)	(53)	(1)
Software write-off	36	36	-	-	-	-
Other	38	-	21	(38)	(58)	(2)
Restructuring	195	36	139	(159)	(242)	(7)
Goodwill write-off	141	141	-	-	-	-
PPI	120	120	-	(120)	(182)	(5)
Total	456	297	139	(279)	(424)	(12)

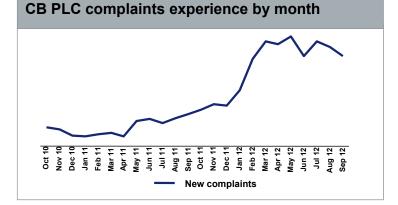
### Total costs and impact on Group capital ratio (pre tax)

- Redundancy, lease break and other costs relating to closure and restructuring of current operations have been booked in 2H12
- Planned reduction of over 1,400 FTEs from September 2011 includes restructuring, other productivity initiatives and natural attrition
- Lease break costs relate to closure of 29 FSCs and six back office sites, and relocation of 9 FSCs
- Other is primarily program management, legal and other costs associated with the restructure

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# **UK Banking: Payment Protection Insurance (PPI)**

- CB PLC increased provision by £120m in 1H12
- £61m utilised since 31 March 2012 leaving provisions of £108 million at 30 September 2012
- Complaints experience accelerated in the 1<sup>st</sup> half of FY12 and have now stabilised
- Uncertainty remains



As at June 2012	Cumulative charge (£m)	Redress paid (£m)	Utilisation (%)
Barclays Bank <sup>1</sup>	1,300	894	68.8%
Lloyds Banking Group	4,275	2,955	69.1%
RBS	1,325	700	52.8%
Clydesdale Bank <sup>2</sup>	256	116	45.3%

Source: Interim accounts 2012

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- 🖓 Clydesdale Bank 🛛 🗐 Yorkshire Bank
- Barclays announced it had provided another £700m for PPI redress on 18 October 2012
   Utilisation at 30 September 2012 was 58%

#### National Australia Bank

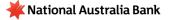
# UK Banking: Pension plan and interest rate hedging review

Defined benefits pension plan reformed during the March half

- Pension IAS 19 deficit of £301m as at Sep 2012, £85m Mar 2012, Sep 2011 £180m
- Future P&L impact subject to market conditions, particularly equity markets, bond yields and inflation

Provisions of £48m raised for other customer redress

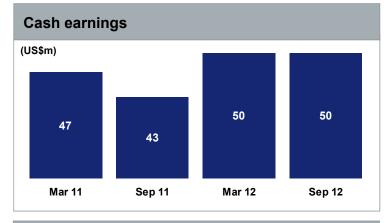
- Includes claims relating to interest rate products
- Scope of FSA review of interest rate hedging products continues to be refined
- Largely relates to more complicated interest rate hedging products and excludes products sold to sophisticated customers



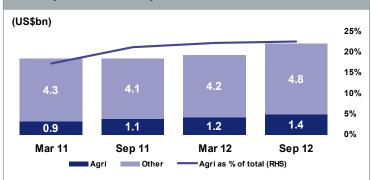
# Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth NZ Banking UK Banking UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding Other Economic Outlook

#### 🌞 nab 🛛 🤐 🍪 Clydesdale Bank 🤎 Yorkshire Bank 🛛 Bank of New Zealand 🖗 💋 Great Western Bank

## **Great Western Bank**



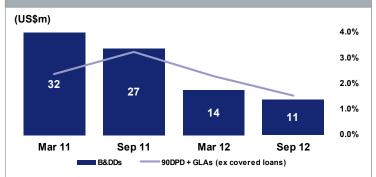
Loan portfolio composition



(1)

Gross loans & acceptances<sup>1</sup> (US\$bn) 5.7 4.9 4.5 4.2 1.0 0.7 0.5 0.5 Mar 11 Sep 11 Mar 12 Sep 12 GLAs (ex acq workout) Acquired workout loans

### **B&DDs and asset quality metrics**



🕖 Great Western Bank

GWB acquired First Federal Savings Bank of Iowa on 22 June, 2012. The acquisition contributed approximately US\$0.3bn of Gross Ioans and acceptances.



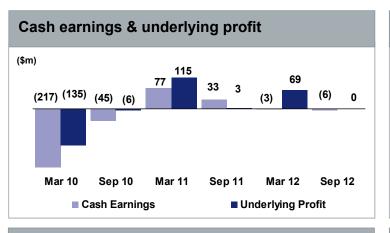
<sup>¥</sup> National Australia Bank

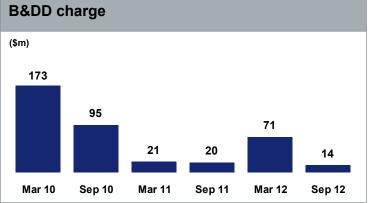
Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth NZ Banking UK Banking Great Western Bank **Specialised Group Assets** Asset Quality Capital and Funding Other Economic Outlook

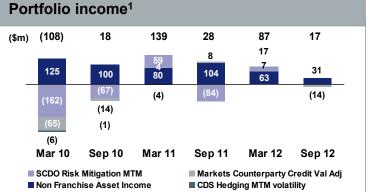
😋 Clydesdale Bank 🛛 🧐 Yorkshire Bank 🛛 Bank of New Zealand 🚺 🚱 Great Western Bank

### **Specialised Group Assets**

挫 nab



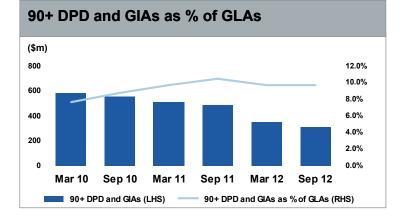




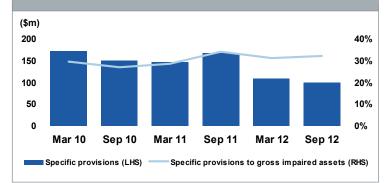


Ҝ National Australia Bank

### Specialised Group Assets: Asset quality

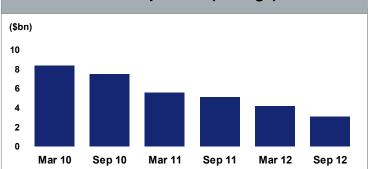


#### Specific provisions to gross impaired assets

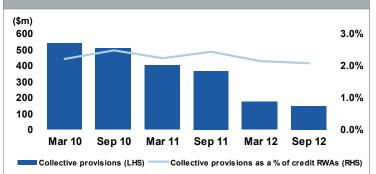


Prior periods include \$160m overlay. Fully utilised at March 2012. 83 (1)

Gross loans & acceptances (average)



Collective provisions<sup>1</sup> as a % of credit RWAs



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### SGA Conduit Portfolio Summary<sup>1</sup>

Movements between March 2012 and September 2012

### (A\$0.4bn) Corporates (SCDOs) A\$0.5bn Corporates (SCDOs) A\$0.3bn Decrease due to repayments, maturities and terminations Credit Wrapped ABS A\$0.5bn Credit Wrapped ABS A\$0.5bn CMBS A\$0.5bn CMBS A\$0.4bn Infrastructure Bonds A\$0.2bn Infrastructure Bonds A\$0.2bn Credit Wrapped Bonds A\$0.5bn Credit Wrapped Bonds A\$0.5bn Leveraged Loans A\$1.3bn Leveraged Loans A\$1.2bn Mortgages A\$0.2bn Mortgages A\$0.2bn A\$3.3bn

Mar 2012

A\$3.7bn<sup>2</sup>



Includes Group's exposures (drawn and available to be drawn) initially funded by NAB sponsored and third party sponsored asset backed commercial paper conduits and SPE purchased assets

(2) Specialised Group Assets has removed the economic risk associated with the six sold protection SCDO derivative exposures

(1)

### **Structured Asset Management**

#### Credit Wrapped ABS - \$0.5bn

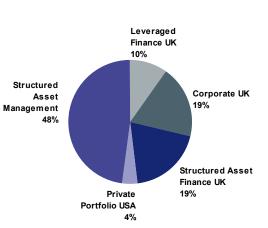
	Portfolio 1	Portfolio 2
Current NAB Exposure	\$293m	\$190m
	(US\$306m)	(US\$199m)
Average Portfolio Rating	B3 / B-	B3 / CCC+
(excludes Portfolio Policy, includes Bond Level Policies)	B37B-	B37000+
Portfolio Guarantor	MBIA (B3 / B)	AMBAC (NR / NR) – Policy terminated Oct 2011
% of Underlying Asset with Wrap	43.9%	30.1%
Asset Breakdown		
Residential Mortgage Backed Security <sup>1</sup>	32.6%	45.7%
Commercial Mortgage Backed Security	0.0%	4.8%
Insurance	16.1%	3.9%
Student Loan	7.4%	34.4%
Collateralised Debt Obligation	28.4%	0.0%
Transportation & Other ABS	15.5%	11.2%

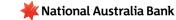
- NAB owns a pro-rata share of two RMBS/ABS portfolios with concentrations to US residential mortgage-backed securities
- At issue, all bonds in the portfolios were rated AAA/Aaa by S&P and Moody's either directly or as the result
  of an insurance policy
- In addition to the bond-level policies covering a portion of each portfolio, there is a portfolio-wide policy from MBIA on Portfolio 1 that serves as insurance against loss. The AMBAC portfolio-wide policy was terminated by mutual agreement in October 2011
- The provision held against the portfolios has not materially changed since FY 2010, other than the transition of \$10m from provision to write-off
- In 2012, following a change in treatment, the RWA for the Credit Wrapped ABS has been reduced by \$3.3bn, with a corresponding increase in capital deductions of \$245m
   Wational Australia Bank

85 (1) Note that this includes Subprime, Prime, Alternative A, 2nd Lien and HELOC RMBS

### Portfolio Composition as at 30 September 2012

	Total Commitments (A\$bn)	Total Provisions (specific & collective) (A\$m)	Average Contractual Tenor (years)	RWAs (A\$bn)	Number of Clients	Close Review Commitments (A\$bn)
Leveraged Finance UK	0.7	60	2.7	1.2	26	0.3
Corporate UK <sup>1</sup>	1.3	118	2.3	2.1	29	0.8
Structured Asset Finance UK	1.3	15	14.5	1.0	14	0.0
Private Portfolio USA	0.3	4	12.9	0.4	15	0.0
Total Loans & Advances	3.6	197	n/a	4.7	84	1.1
Structured Asset Management <sup>2</sup>	3.3	80	11.0	2.5	25	0.7
Total	6.9	277	9.3	7.2	109	1.8
(1) Of which:						
Property UK	0.3	65	0.4	0.7	13	0.3





# **Portfolio Composition - Credit profile**

• 67% of commitments relate to Investment Grade equivalent clients or transactions

(A\$m)	Investment Grade AAA/BBB-	Non-Investment Grade BB+/BB	Non-Investment Grade BB-/B+	Non-Investment Grade B+/CCC-	Default or restructure D
Leveraged Finance UK		171	276	160	82
Corporate UK	430	26	393	220	236
Structured Asset Finance UK	947	52	247	0	25
Private Lending USA	295	0	12	12	13
Total Loans & Advances	1,672	249	928	392	356
Structured Asset Management <sup>1</sup>	2,911	82	0	40	269
Total Commitments	4,583	331	928	432	625
Total RWAs	3,206	583	1,869	1,128	394
Total Provisions	2	1	30	39	205
Number of Accounts	47	8	22	14	18
Number of Close Review Accounts		1	3	11	18

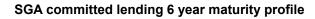
Held to Maturity Assets
 All data as at 30 September 2012
 Investment grades equivalent of external ratings

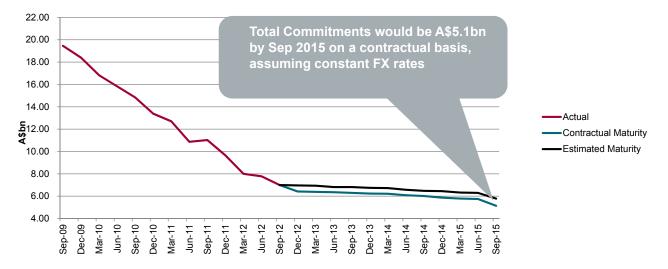


### **Portfolio Composition**

#### **Contractual Maturity Profile - Commitments**

- Actual commitments have decreased from September 2009 largely through repayments and decreased commitments as well as the weakening of both USD and GBP against the AUD
- The contractual maturity profile differs to the estimated maturity profile due to potential refinancing risks for a number of clients. The weighted average contracted maturity of the portfolio is 9.3 years







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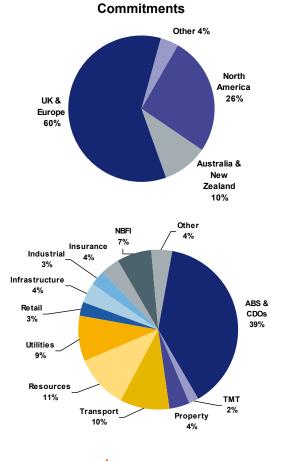
# **SGA Portfolio Composition**

### **Commitments by Geography of Risk**

	Commitments (\$bn)	RWAs (\$bn)
UK & Europe	4.1	4.8
North America	1.8	1.4
Australia & New Zealand	0.7	0.7
Other	0.3	0.3
Total	6.9	7.2

### **Commitments by Sector of Risk**

	Commitments (\$bn)	RWAs (\$bn)	Collective Provisions (\$m)	Specific Provisions <sup>1</sup> (\$m)
NBFI	0.5	0.3	0.3	23.3
Insurance	0.3	0.5	4.8	0.0
Industrial	0.2	0.4	15.9	13.0
Infrastructure	0.3	0.2	2.2	0.0
Retail	0.2	0.4	15.7	0.0
Utilities	0.6	0.5	0.0	0.0
Resources	0.8	0.5	2.0	0.0
Transport	0.7	0.8	22.9	0.0
Property	0.3	0.8	5.5	61.6
тмт	0.1	0.4	26.7	0.0
ABS & CDOs	2.7	2.0	6.4	72.0
Other	0.2	0.4	2.5	2.2
Total	6.9	7.2	104.9	172.1



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89 (1) Provisions for ABS & CDOs is on Held to Maturity assets. All other specific provisions are on loans and advances

### **Structured Asset Management**

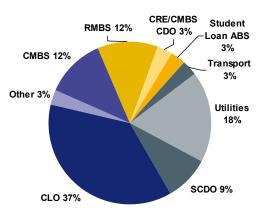
Description: CDOs, residential mortgage backed securities ('RMBS'), commercial mortgage backed securities ('CMBS') and other asset backed securities.

No. of Transactions	25	Commitments Drawn Balance	\$3.3bn \$3.3bn	Credit RWA	\$2.5bn
No. of Close Review Clients	3	Close Review Commitments	\$700m	Avg <sup>*</sup> contractual maturity *weighted average by commitment	11.0 yrs

#### **Sector Analysis**

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	Commitments (\$bn)	Collective Provisioning <sup>1</sup> (\$m)	Specific Provisioning² (\$m)
SCDO	0.3	-	-
CLO	1.2	-	-
Other	0.1	-	-
CMBS	0.4	-	-
RMBS	0.4	-	-
CMBS/CRE CDO	0.1	-	-
Student Loan ABS	0.1	-	-
Transport	0.1	-	-
Utilities <sup>1</sup>	0.6	-	-
Total	3.3	7.5 <sup>2</sup>	72.0 <sup>3</sup>



Previously disclosed separately as Credit Wrapped Bonds (1)

Collective provision is applied to the entire portfolio and is not assigned to individual sectors

(2) (3) Provisions on this portfolio are booked against Held to Maturity assets Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth NZ Banking UK Banking Great Western Bank Specialised Group Assets **Asset Quality** 

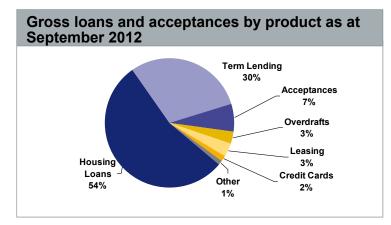
Capital and Funding Other

**Economic Outlook** 

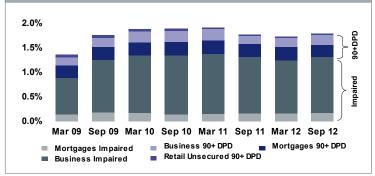
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🌾 National Australia Bank

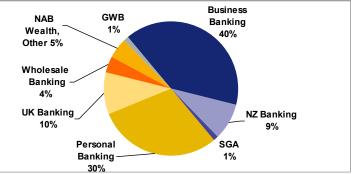
### **Group portfolio**



# 90+ DPD & impaired assets as a % of gross loans and acceptances by product

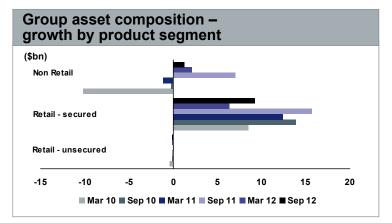


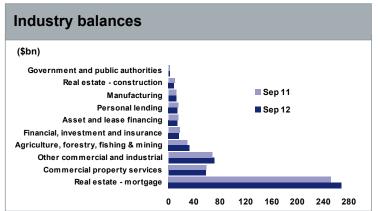
# Gross loans and acceptances by business unit as at September 2012

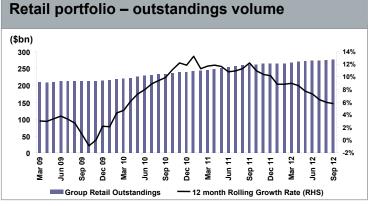




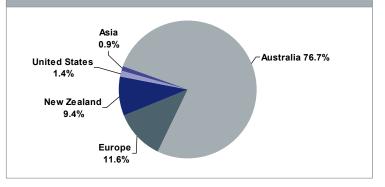
# Group gross loans and acceptances







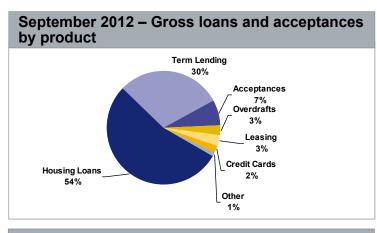
### Gross loans and acceptances by geography



🛛 🚧 National Australia Bank

93 Note: These charts use spot exchange rates. Change in exchange rates relative to the Australian dollar since 2008 has partly affected growth rates

## Group portfolio – change over three year period



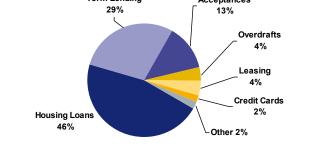
### Asia 0.9% United States 1.4% New Zealand 9.4%

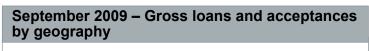
September 2012 – Gross loans and acceptances

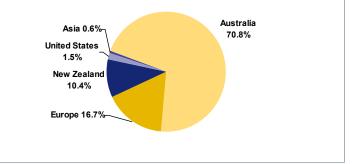
by geography

Europe 11.6%



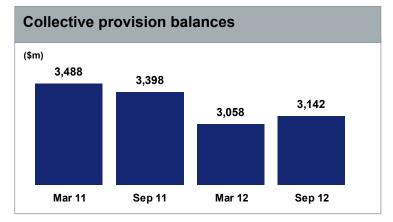








### Group provision balances and coverage ratios



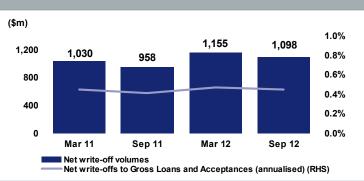
### Coverage ratios



Specific provision balances



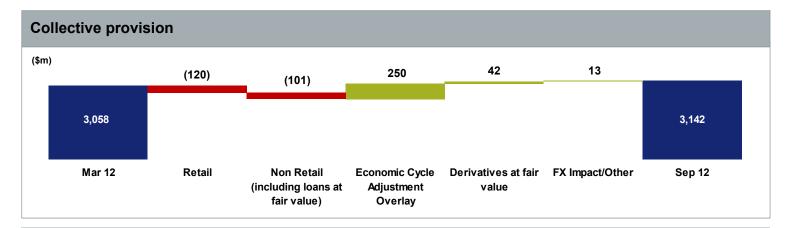
### Net write-off volumes

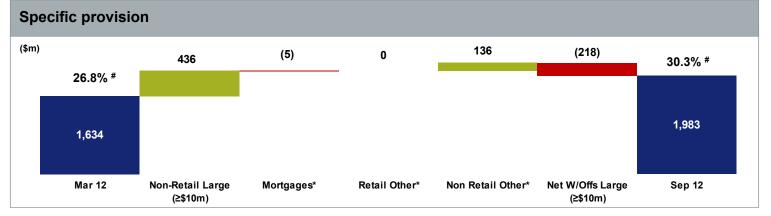


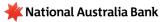
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95

# Group provision movements

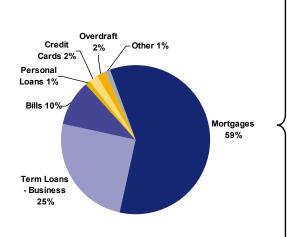






### **Business Banking, Personal Banking and NAB Wealth**

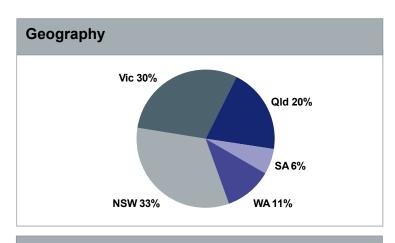
Portfolio breakdown - total \$371.0bn



Australian Mortgages	Sep 12	Mar 12	Sep 11
Owner Occupied	71.4%	70.8%	70.2%
Investment	28.6%	29.2%	29.8%
Low Document	2.2%	2.4%	2.4%
Proprietary	66.6%	68.0%	69.0%
Third Party Introducer	33.4%	32.0%	31.0%
LMI Insured % of Total HL Portfolio	15.0%	14.7%	14.4%
Current Loan to Value Ratio (CLVR) <sup>1</sup>	56.3%	55.8%	52.4%
Customers ahead 3 repayments or more <sup>1</sup>	45.7%	45.4%	45.7%
Average loan size \$ ('000)	\$262.0	\$258.4	\$254.9
90 + days past due	0.50%	0.55%	0.48%
Impaired loans	0.30%	0.27%	0.29%
Specific provision coverage	19.1%	20.2%	19.6%
Loss rate	0.06%	0.06%	0.06%

97 (1) Ratio excludes Advantedge mortgages portfolio 🖡 National Australia Bank

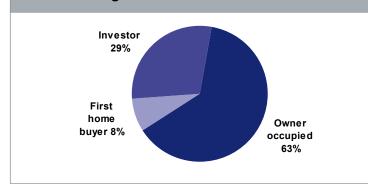
# Australian Mortgages<sup>1</sup> – \$220bn



# Low Doc Loans

- \$4.8bn outstanding (2.2% of housing book)
- LVR capped at 60% (without LMI)

### **Customer segment**



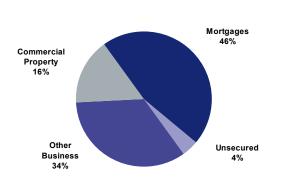
### **Origination source – flows (Australia)**

	Sep 12	Mar 12	Sep 11	Mar 11
Proprietary	61%	64%	61%	60%
Broker	32%	29%	31%	32%
Introducer	7%	7%	8%	8%



### **UK Banking**

Portfolio breakdown - total £33.2bn



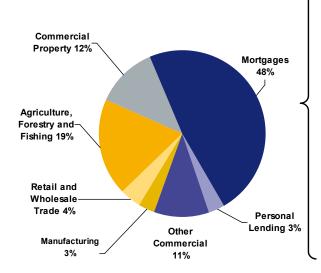
UK Mortgages	Sep 12	Mar 12	Sep 11
Owner Occupied	79.8%	79.7%	79.6%
Investment	20.2%	20.3%	20.4%
Low Document	0.0%	0.0%	0.0%
Proprietary	65.1%	72.0%	72.8%
Third Party Introducer	34.9%	28.0%	27.2%
LMI Insured % of Total HL Portfolio	1.2%	1.3%	1.4%
Loan to Value (at Origination)	62.9%	62.7%	64.0%
Loan to Value Indexed	53.6%	53.5%	53.4%
Average loan size £ ('000)	100	97	94
90 + days past due	0.51%	0.57%	0.62%
Impaired loans	0.46%	0.43%	0.44%
Specific provision coverage	20.0%	21.4%	30.1%
Loss rate	0.09%	0.11%	0.06%

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# **NZ Banking**

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Portfolio breakdown - total NZ\$58.7bn



New Zealand Mortgages	Sep 12	Mar 12	Sep 11
Low Document Loans	0.26%	0.26%	0.24%
Proprietary	100%	100%	100%
Third Party Introducer	0.0%	0.0%	0.0%
Insured % of Total HL Portfolio <sup>1</sup>	11.8%	11.4%	10.7%
Loan to Value (at origination)	63.7%	63.5%	63.0%
Average Ioan size NZ\$ ('000)	258	252	248
90 + days past due	0.26%	0.31%	0.29%
Impaired loans	0.35%	0.46%	0.51%
Specific provision coverage	39.0%	38.7%	37.0%
Loss rate	0.10%	0.09%	0.08%



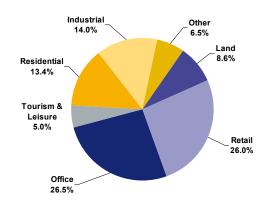
# Commercial Real Estate – Group Summary<sup>1</sup>

#### Total \$61.2bn

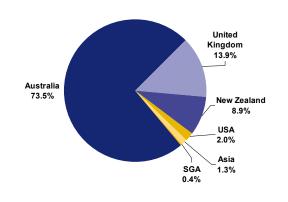
#### 12.2% of Gross Loans & Acceptances

	Aus	UK <sup>2</sup>	NZ	USA <sup>2</sup>	SGA	Asia/Other	Total
TOTAL CRE (A\$bn)	45.0	8.5	5.4	1.2	0.3	0.8	61.2
Increase/(decrease) on Mar 12 (A\$bn)	2.0 <sup>3</sup>	(0.7)	0.0	0.0	(0.1)	0.0	1.2
% of GLAs	11.7%	16.4%	11.6%	18.5%	8.2%	16.3%	12.2%
Change in % on Mar 12	0.3%	(1.4%)	(0.3%)	(2.8%)	(2.0%)	(1.1%)	0.0%

#### Group Commercial Property by type



#### Group Commercial Property by geography



Measured as balance outstanding at September 2012 per APRA Commercial Property ARF 230 definitions
 Excludes SGA

(2) 101 (3)

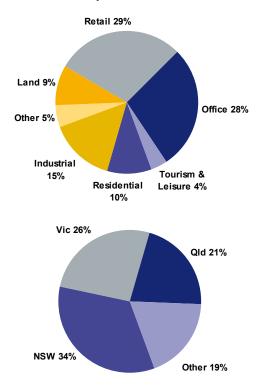
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(3) Of which \$1.5bn due to reclassifications in accordance with APRA guidelines

# **Commercial Real Estate – Business Banking**

#### Total \$45.0bn

11.7% of Australian geography Gross Loans & Acceptances



State	NSW	VIC	QLD	Other	Total
Location %	34%	26%	21%	19%	100%
Loan Balance < \$5m	10%	9%	7%	6%	32%
Loan Balance > \$5m < \$10m	4%	4%	2%	3%	13%
Loan Balance > \$10m	20%	13%	12%	10%	55%
Loan tenor < 3 yrs	28%	22%	18%	16%	84%
Loan tenor > 3 < 5 yrs	5%	3%	2%	2%	12%
Loan tenor > 5 yrs	1%	1%	1%	1%	4%
Average loan size \$m	3.4	2.6	3.0	3.3	3.1
Security Level <sup>1</sup> – Fully Secured	25%	22%	16%	16%	79%
Partially Secured	4%	3%	4%	3%	14%
Unsecured	5%	1%	1%	0%	7%
90+ days past due	0.05%	0.06%	0.03%	0.03%	0.17%
Impaired loans	0.97%	0.22%	1.40%	0.16%	2.75%
Specific provision coverage	8.5%	21.3%	14.2%	34.1%	14.0%

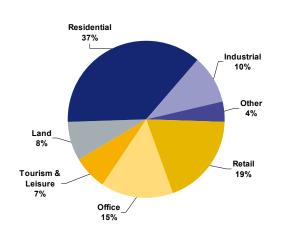
Trend	Sep 12	Mar 12	Sep 11	Mar 11
90+ days past due	0.17%	0.31%	0.20%	0.43%
Impaired Loans	2.75%	2.91%	3.12%	2.80%
Specific Provision Coverage	14.0%	16.4%	14.7%	16.6%

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# **Commercial Real Estate - UK Banking**

Total £5.5bn

16.4% of Gross Loans & Acceptances



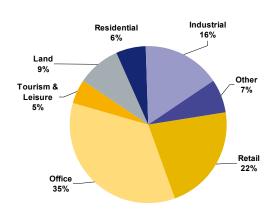
Region		North	East	South	West	Total
Location %		30%	29%	15%	26%	100%
Loan Balance < £2m		15%	13%	7%	14%	49%
Loan Balance > £2m < £	5m	7%	6%	2%	5%	20%
Loan Balance > £5m		8%	10%	6%	7%	31%
Average loan tenor < 3	yrs	20%	18%	9%	15%	62%
Average loan tenor > 3 < 5 yrs		3%	3%	3%	5%	14%
Average loan tenor > 5 yrs		7%	8%	3%	6%	24%
Average loan size (£m)		0.72	0.86	1.08	0.77	0.81
Security Level <sup>1</sup>	Fully Secured	14%	13%	10%	14%	51%
	Partially Secured	15%	15%	5%	12%	47%
	Unsecured	1%	1%	0%	0%	2%
Trend			Sep 12	Mar 12	Sep 11	Mar 11
90+ days past due			3.19%	1.91%	0.88%	1.42%
Impaired Loans			16.39%	10.46%	9.12%	8.13%
Specific Provision Cove	erage		30.8%	25.2%	11.2%	9.1%

 (1) Fully Secured represents loans of up to 70% of the Market Value of Security. Partially Secured are over 70%, but not Unsecured. Unsecured is primarily Negative Pledge lending 摧 National Australia Bank

# Commercial Real Estate – NZ Banking

#### Total NZ\$6.8bn

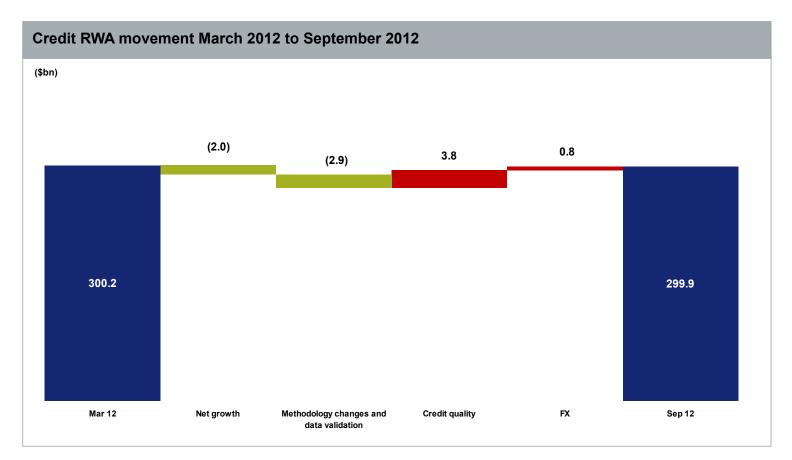
11.6% of Gross Loans & Acceptances



Region		Auckland	Other Regions	Total
Location %		37%	63%	100%
Loan Balance < NZ\$5m		11%	26%	37%
Loan Balance > NZ\$5m <nz\$10m< td=""><td></td><td>5%</td><td>8%</td><td>13%</td></nz\$10m<>		5%	8%	13%
Loan Balance > NZ\$10m		21%	29%	50%
Loan tenor < 3 yrs		36%	55%	91%
Loan tenor > 3 < 5 yrs		0%	4%	4%
Loan tenor > 5 yrs		1%	4%	5%
Average loan size NZ\$m		4.2	2.9	3.3
Security Level <sup>1</sup>	Fully Secured	24%	43%	67%
Par	tially Secured	11%	15%	26%
	Unsecured	2%	5%	7%
90+ days past due		0.39%	0.42%	0.81%
Impaired Loans		0.12%	1.19%	1.31%
Specific Provision Coverage		44.4%	20.8%	22.9%
Trend	Sep 12	Mar 12	Sep 11	Mar 11
90+ days past due	0.81%	0.56%	0.50%	0.89%
Impaired Loans	1.31%	1.34%	1.66%	2.03%
Specific Provision Coverage	22.9%	17.2%	24.6%	21.3%

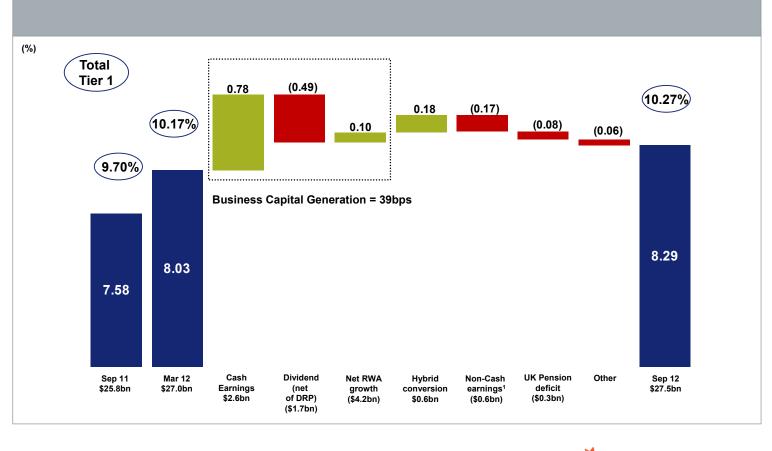
**Additional Information Business Banking Personal Banking** Wholesale Banking **NAB** Wealth NZ Banking **UK Banking** Great Western Bank **Specialised Group Assets** Asset Quality **Capital and Funding** Other **Economic Outlook** Ҝ National Australia Bank Ciydesdale Bank 🧐 Yorkshire Bank Bank of New Zealand 🚱 Great Western Bank 📥 nab

### **Credit RWA movement**





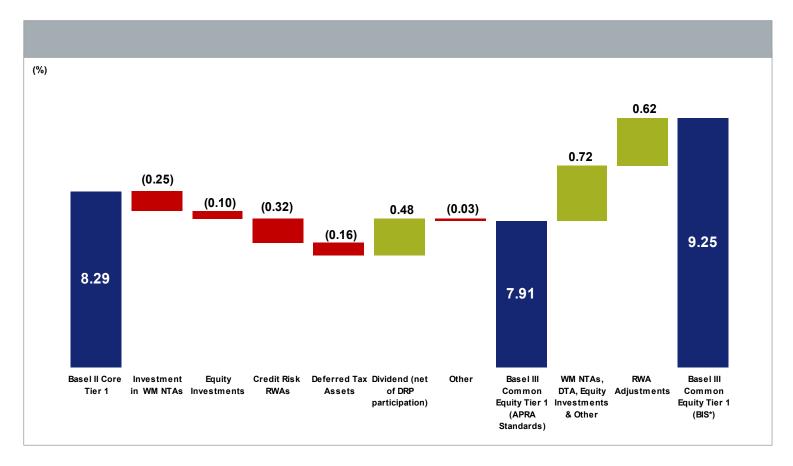
### Strong Core Tier 1 (Basel II) capital position



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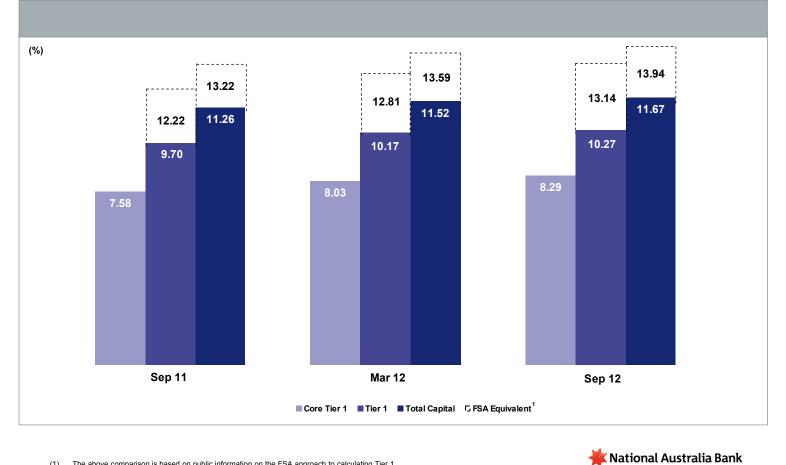
107 (1) Non-cash earnings impact after adjusting for distributions, treasury shares, UK goodwill, software impairment, and separately disclosed items

## **Estimated impacts of Basel III: September 2012**





# **Group Capital Ratios (Basel II)**



(1) The above comparison is based on public information on the FSA approach to calculating Tier 1.
 109 Some items cannot be quantified where the FSA may have entered into bi-lateral agreements on specific items, which are not generally in the public domain

# **Asset funding**

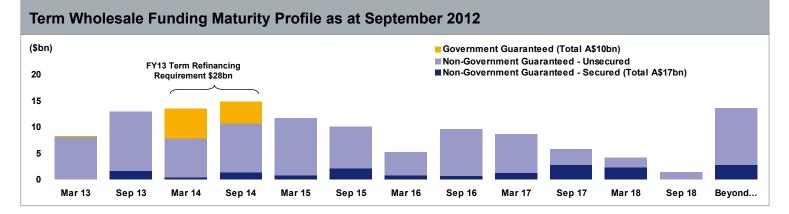
7	63	763			
Life Insurance Ass	ets 69	Life Insurance Liabilities	69		
Other Assets	91	Shareholders Equity <sup>4</sup>	39		
		Other Liabilities <sup>2</sup>	67		
Liquid Assets	91	Short Term Funding	77	Term Fu < 12 Mor	nding nths 2
		Short Term Funding of Core Assets	50	]	
		Term Funding > 12 Months	99	TFI 20%	
Core Assets	512	Customer Deposits	339	CFI 66%	SF 869
	512				
					J
Δς	sets	Liabilities & Equity	,		

(1) Shareholder equity excludes preference shares and other contributed equity

(1) Other hadre equily solutions of all or other bards of all of other bards equily
 (2) Other hadre is a solution of all of other bards of all of other bards equily
 (3) September 12 funding ratios have been restated. Net working capital is no longer adjusted from core assets and central bank deposits are now excluded from customer deposits.



# Funding profile remains robust

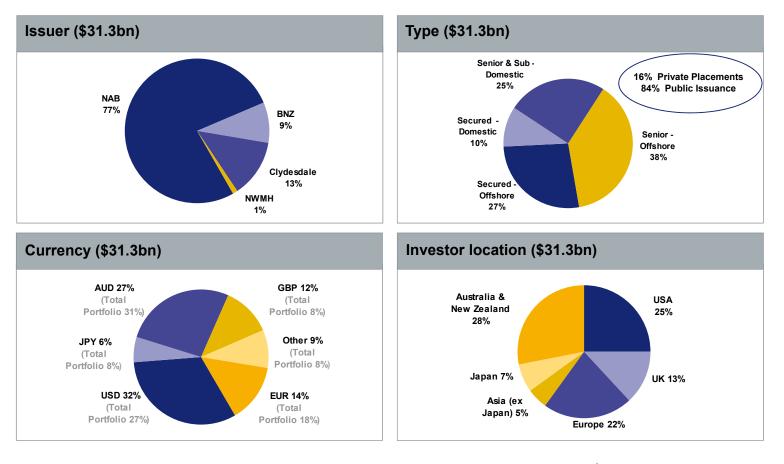


- The weighted average remaining maturity of the Group's term funding index qualifying (includes debt with > 12 months remaining term to maturity, excludes debt with < 12 months) senior, secured and subordinated debt is 3.7 years (3.2 years as at March 2012)
- The weighted average remaining maturity of the Group's senior, secured and subordinated debt is 3.1 years (2.8 years as at March 2012)
- The FY13 term funding requirement is largely driven by the need to refinance term debt that has less than 12 months remaining term to maturity during FY14

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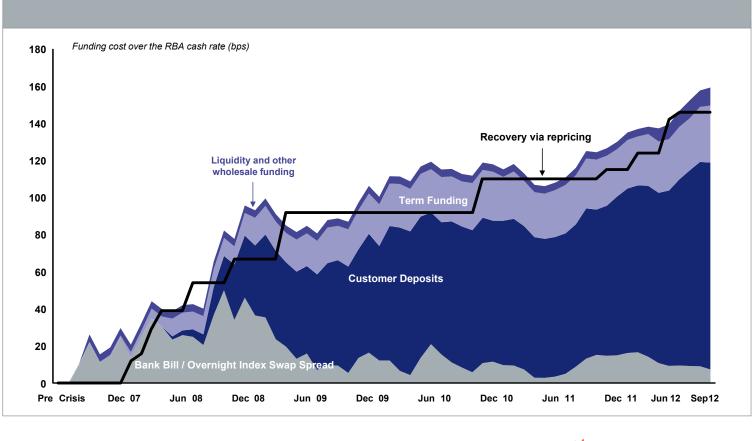
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# **Diversified funding issuance – September 2012**



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### Increased cost of funding an Australian variable rate mortgage



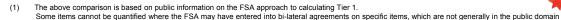
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### UK FSA Capital Comparison – Basel II

Summarised below are details of current key differences as pertinent to the Group and identified by the ongoing Australian Bankers' Association (ABA) study "Comparison of Regulatory Capital Frameworks – APRA and FSA"<sup>1</sup>.

Item	Details of differences	Impact on Bank's Tier 1 capital ratio if FSA rules applied
RWA Treatment – Mortgages	APRA requires Loss Given Default estimate for loans secured by mortgages to 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)	APRA rules require the inclusion of IRRBB within Pillar 1 calculations. This is not required by the FSA and 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, which is an intangible asset. VBIF is deducted from Tier 1 capital under APRA guidelines, whereas under FSA rules, it is deducted from Total capital.	Increase
Estimated Final Dividend	The FSA requires dividends to be deducted from regulatory capital when declared and/or approved. APRA requires dividends to be deducted on an anticipated basis, which is partially offset by APRA making allowance for expected shares to be issued under a dividend re-investment plan. This difference results in higher capital under FSA rules.	Increase
DTA (excluding DTA on the collective provision for doubtful debts)	APRA requires Deferred Tax Assets (DTA) to be deducted from Tier 1 capital, except for any DTA associated with collective provisions which are eligible to be included in the General Reserve for Credit Losses. Under FSA rules, DTA are risk weighted at 100%.	Increase
Eligible Deferred Fee Income	APRA requires certain deferred fee income to be included in Tier 1 capital. The FSA does not allow this deferred fee income to be included in Tier 1 capital, which 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. The FSA requires costs associated with debt issuance not used in the capital calculations to follow the accounting treatment.	Increase
Investments in Non-Consolidated 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 Scheme	The scheme continues to be in deficit as at 30 September 2012. Under FSA rules, the bank's deficit reduction amount may be substituted for a defined benefit liability. No deficit reduction amounts are presently being paid, therefore the liability can be reversed from reserves (net of tax) and no liability is required to be substituted at this time.	Increase



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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

	Tier 1 Capital %	Total Capital %
30 September 2012 – APRA basis	10.27%	11.67%
RWA treatment – Mortgages <sup>1</sup>	1.14%	1.28%
IRRBB (RWA)	0.17%	0.18%
Wealth Value of Business in Force (VBIF) at acquisition <sup>2</sup>	0.48%	0.00%
Estimated final dividend (net of estimated reinvestment under DRP / BSP)	0.50%	0.50%
DTA (excluding DTA on the collective provision for doubtful debts)	0.24%	0.24%
Eligible deferred fee income	(0.06%)	(0.06%)
Capitalised expenses <sup>3</sup>	0.02%	0.02%
Investments in non-consolidated controlled entities (net of intangible component)	0.27%	0.00%
UK Defined Benefit Pension	0.11%	0.11%
Total Adjustments	2.87%	2.27%
30 September 2012 – Normalised for UK FSA differences	13.14%	13.94%

(1) RWA treatment for mortgages is based on APRA 20% loss given default (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
 Capitalised expenses associated with debt raisings only

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# **Basel II Risk Weighted Assets**

	30 Sep	tember 2012	31 March 2012	
Asset Class (\$m)	RWAs	RWA/EAD %	RWAs	RWA/EAD %
Corporate & Business	169,062	46%	168,534	43%
Mortgages	56,403	20%	56,351	21%
Retail	14,723	45%	15,025	43%
Standardised <sup>1</sup>	51,412	61%	52,253	63%
Other Assets	8,271	83%	8,022	79%
Total Credit RWAs	299,871	39%	300,185	38%
Market RWAs	4,436		5,277	
Operational RWAs	23,008		23,810	
IRRBB RWAs	4,021		6,281	
Total RWAs	331,336		335,553	

Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth NZ Banking UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding **Other** Economic Outlook

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### Group financial result excluding UK Banking

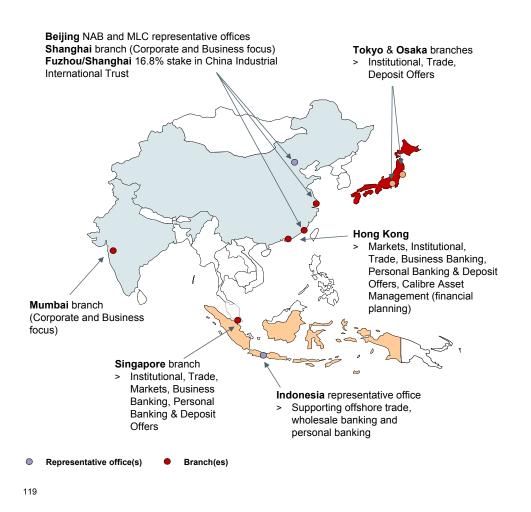
😋 Clydesdale Bank 🛛 🧐 Yorkshire Bank 🛛 Bank of New Zealand 🔶 💋 Great Western Bank

(\$m)	Sep 12 Full Year	Change on Sep 11	Sep 12 Half year	Change on Mar 12
Net operating income	16,471	5.4%	8,264	0.7%
Operating expenses	(6,761)	1.1%	(3,338)	2.5%
Underlying profit	9,710	10.5%	4,926	3.0%
B&DDs	(1,649)	(21.3%)	(946)	(34.6%)
Cash earnings	5,646	9.2%	2,782	(2.9%)
Cash ROE	17.2%	10bps	16.7%	(100bps)
Spot GLAs (\$bn)	449.2	4.9%	449.2	2.3%

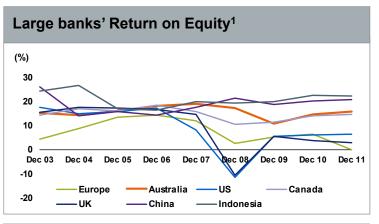


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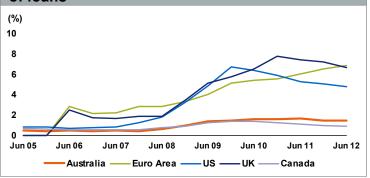
# NAB's operational focus in Asia



### Bank returns in context



#### Large banks' non-performing loans as % share of loans<sup>2</sup>



#### **Geographic Focus**

- Trading partners of Japan, China, India and Indonesia
- Liquidity hubs of Singapore and Hong Kong
- Linking the flows of these markets with Australia and New Zealand

#### **Customer Focus**

- Corporates and institutions in key industries
- Australian corporates linked to Asia, and Asian corporates with interests in Australia
- Wealthy individuals and families with links between NAB's home markets and Asia
- Local cash rich deposit customers

#### **Product Focus**

- Corporate finance and trade finance
- FX products, interest rate and commodity risk management
- Multi-currency mortgages
- Institutional and retail deposits

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#### **Returns for all stakeholders**

- Australian bank ROEs higher than US, UK and Europe, but lower than Canada and some Asian countries
- Difference largely explained by Australia's lower level of non-performing loans
- Healthy returns from the banking system benefit the economy in many ways

NAB contributions to Australian economy

	FY12	Comments		
Income tax	~\$1.8bn	Top 10 Australian company taxpayer		
Employment	28,127 permanent employees, \$2.6bn cost	One of Australia's largest employers		
Community investment	\$34.9m	Focused on education, inclusion, indigenous development, mental health		
Lending	\$384bn	Grew business lending vs broader system contracting Nov 08-Aug12		
Dividends paid	\$3.9bn	Including 456K Australian retail shareholders		

(1)

RBA Financial Stability Report Sept 2012 (Bloomberg, RBA, banks' annual and interim reports). Norura. ROE of 6 largest US banks, 8 largest listed euro area banks, 4 largest UK banks, 6 largest Canadian banks, 4 largest Australian banks, 8 largest Chinese banks by market capitalisation, 5 largest Indonesian banks, by market capitalisation, adjusted for significant mergers and acquisitions. RBA Financial Stability Report Sept 2012 (APRA, RBA, SNL Financial, banks' annual and interim reports). Definitions of 'non performing' differ across jurisdictions, and in some cases exclude loans that are 904 days past due but are not impaired; includes 18 large US banks. El large Ist largest the Sing across the Euro area, 13 large other European banks, 4 UK banks, the 6 largest Canadian banks and the 4 largest Australian banks. Latest available ratios have been used for some Euro area and UK institutions were June 2012 data are unavailable. (2)



Additional Information Business Banking Personal Banking Wholesale Banking NAB Wealth NZ Banking UK Banking Great Western Bank Specialised Group Assets Asset Quality Capital and Funding Other

# **Economic Outlook**

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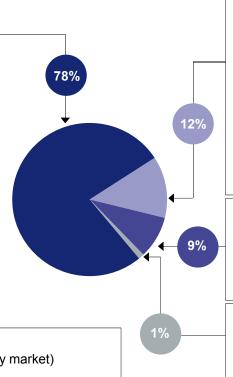
# **Economic outlook**

#### Australia

- Multi-speed economy to continue
- High \$A hits tourism & manufacturing
- Rate cuts will help softer sectors (housing construction)
- Outlook is for low inflation
- Expect year average GDP growth of 3.3% in CY 2012; 2.5% in CY 2013
- Terms of trade already peaked and expected to fall further as commodity markets soften – but prices still high
- Mining investment projects driving much of total capital spending mining investment to peak in 2013/14
- Unemployment rate low by global standards but job growth remains sluggish

#### China

- Domestic activity slowing (softer property market)
- Exports softened in line with world trade
- Lower official growth target (cut from 8% to 7.5%)
- We expect a soft landing ~ 7.5% GDP growth in CY 2012



**United Kingdom** 

GDP expected to fall in 2012

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- Output well below its early 2008 level
- Credit demand hit by weak property market plus de-leveraging
- Credit growth expected to remain soft as income growth remains weak
- Sterling depreciation is assisting exports and economic rebalancing
- Euro-zone recession hits exports
- Lack of confidence hits investment

#### **New Zealand**

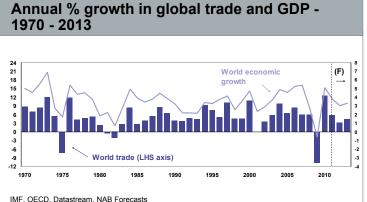
- Recovery under way but growth modest
- Housing market improving
- · Commodity prices high, helps farmers
- Rebuilding in Christchurch started

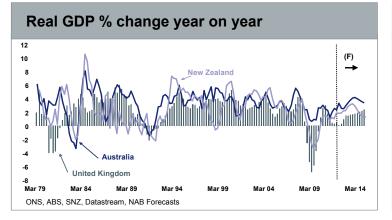
#### United States

- Modest drawn-out economic recovery
- Worry over "fiscal cliff" risk
- Labour market, housing, credit picking up
   Interest rates expected to stay low plus QE



## Economic conditions

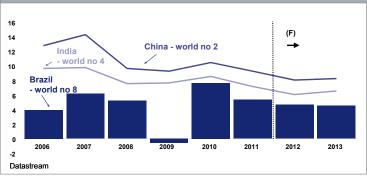




#### System credit growth % change year-on-year 16 (F) Australia 14 12 10 8 6 4 New Zealand 2 United Kinadom 0 -2 Jan 90 Jan 93 Jan 96 Jan 99 Jan 02 Jan 05 Jan 08 Jan 11 Jan 14

RBA, RBNZ, Bank of England, NAB Forecasts

#### Annual % growth in emerging economies



123 (F) Forecast



Economic CY10 CY11 CY12 (f) CY13 (f) CY14 (f) Indicators (%)<sup>1</sup> GDP growth 2.5 2.1 3.3 2.5 2.8 Unemployment 5.0 5.3 5.4 5.1 5.6 rate Core inflation 2.7 2.2 2.8 2.4 2.8 Cash rate 4.25 3.0 4.75 3.0 3.5 System **FY10 FY11** FY12(f) FY13(f) FY14(f) Growth (%)2 Housing 7.6 5.8 4.7 5.7 8.4 Other personal 2.8 -1.0 -1.4 0.5 4.5 (incl cards) Business -3.3 0.3 3.7 4.0 7.0 Total system 3.4 4.8 7.7 3.2 3.9 credit Total A\$ ADI 5.7 8.5 6.9 7.0 8.0 deposits<sup>3</sup>

Percentage change at year end December, except for GDP, which is year-average at year end December, and cash and unemployment rates, which (1) are as at end December

ercentage change at bank fiscal year end Septembe

Total ADI deposits also include wholesale deposits (such as CDs), community (3) and non-profit deposits but exclude deposits by government & ADIs

## Australia regional outlook

- Australian GDP growth eased to 0.6% in Q2 following 1.4% (revised up) in Q1. Moderate consumption and business investment growth were supported by solid public demand and export growth. Growth likely to soften in H2 2012. Key drivers of slower expected activity include; falling income growth from lower commodity prices, a high AUD and fiscal tightening (federal and state). According to the NAB Business Survey, business conditions are well below long-run average levels, while levels of overall business confidence remain down beat, particularly in mining and manufacturing
- The economy continues to exhibit a multi-speed nature. The persistent disparity in industry conditions indicates that the Australian economy is undergoing a structural transformation towards mining and service-based industries, and away from traditional manufacturing and discretionary retailing
- Into the medium term, the mining sector will remain a significant part of Australia's growth story. We expect the mining investment boom to peak in late 2013 / mid 2014 with the effects of the softening in business investment activity to largely be offset by a strengthening in exports, though the demand for labour is likely to weaken
- The RBA lowered the cash rate by 25 bp to 3.25% at its October meeting. A weaker demand profile, continued retail discounting and the still strong AUD should see inflation remain within the RBA's 2-3% target band. Provided inflation comes in close to expectations, we now expect to see an additional 25 bp rate cut in November. This should help to counterbalance lower commodity prices, fiscal tightening and the impacts on some industries from the persistently high AUD (in particular, manufacturing and domestic tourism). While currently quite low, trending around 51/4%, we see the unemployment rate rising to above 51/2% by end 2014, though accommodative policy in 2013 should help to offset some of the increase
- Business credit growth has been fairly soft in recent months and is expected to remain moderate over 2013 - with business and consumer caution still very much to the fore. Consistent with high savings rates, personal credit growth is expected to remain flat. Housing credit has remained relatively modest but could edge higher in the face of lower rates, a stabilising house price market and continued undersupply



# **UK regional outlook**

Economic Indicators (%)	CY10	CY11	CY12	CY13(f)	CY14(f)
GDP growth	1.8	0.9	-0.2	1.3	2.1
Unemployment	7.9	8.3	8.1	7.9	7.7
Inflation	3.3	4.5	2.2	2.0	2.0
Cash rate	0.5	0.5	0.5	0.5	0.5
System Growth (%)	FY10	FY11	FY12	FY13(f)	FY14(f)
Housing	0.9	0.7	0.8	1.2	2.3
Consumer	-1.8	-1.1	-0.6	0	1.0
Business	-3.3	-2.5	-3.1	-2.2	-0.8
Total lending	-0.9	-0.7	-0.7	-0.1	1.0
Retail deposits	4.4	3.1	3.6	4.0	4.4

- The UK economy went back into recession in late 2011 and the first half of 2012 but returned to growth in September quarter. Output is still below its early 2008 level and the latest growth figures have been boosted by temporary special factors. A moderate and sustained recovery in activity is expected to persist through 2013. The property market has started weakening again with housing and commercial property prices drifting down
- Although activity has been cushioned by the lowest policy interest rates on record, the central bank's efforts to boost liquidity and the lagged impact of the big Sterling depreciation in 2007/8, it has been held back by pressure on household incomes and austerity in the public sector
- The UK economy needs to be 're-balanced' so that exports and business investment play a larger role in future growth while the contribution from consumer spending and the public sector falls below what was seen pre-2008. However, although exports are benefiting from improved UK cost competitiveness they have been held back by the weakness in key Euro-zone export markets. Business investment has been weaker than expected as firms hold back on their projects due to a lack of confidence
- Inflationary pressures are now subsiding and that should help limit the erosion of household incomes that has undercut consumer spending. However borrowing remains very low, the savings ratio is higher and unemployment is well above its 2007 level factors that should discourage any rapid recovery in consumer spending (which is still below its early 2008 level). Consumer spending should recover through 2013
- Overall, the UK economy faces a long difficult period as private sector deleveraging continues at a time of government cutbacks. The danger is that demand proves insufficient to give business the confidence to invest heavily and the economy gets caught in a low-growth trap. System credit growth is forecast to remain very modest and bad debts, which have been held down by lender forbearance and very low interest rates, could remain elevated for an extended period



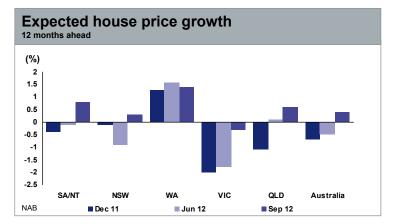
Economic Indicators (%)	CY10	CY11	CY12	CY13(f)	CY14(f)
GDP growth	1.7	1.3	2.5	2.2	1.6
Unemployment	6.7	6.4	6.2	5.8	5.7
Inflation	4.0	1.8	1.5	2.4	3.3
Cash rate (end period)	3.0	2.5	2.5	2.75	4.25
System Growth (%)	FY10	FY11	FY12	FY13(f)	FY14(f)
Housing	3.1	1.6	1.5	2.6	3.4
Personal	-3.6	-1.4	0.3	2.0	2.7
Business	-3.1	-0.8	2.2	3.7	4.2
Total lending	0.3	0.5	1.7	3.0	3.7
Household retail deposits	2.4	7.0	8.9	8.8	8.0

## NZ regional outlook

- New Zealand's outlook is for moderate growth, consistent with the constraints facing the economy (high NZD hitting competitiveness, fiscal austerity). Commodity prices have fallen but, on average, remain above historical averages. Parts of the economy like manufacturing and tourism are being hit by the high currency
- After a long period of weakness, domestic demand has been looking stronger with an upturn in the housing market and stronger consumer spending. The rate of demand increase will be muted by the lift in the household savings ratio and weak appetite for credit but rising employment is supporting increased disposable income and that will underpin further growth in spending. The rebuilding of Canterbury is adding to the demand upturn by substantially boosting construction activity
- The main risks facing the economy come from the external accounts where the current account deficit is expected to widen considerably through the next few years. As New Zealand is already a highly indebted economy, this could lead to some downward pressure on the NZ\$ which would not be unwelcome as it is viewed as probably being over-valued based purely on the competitiveness of local industry
- The upturn in domestic spending and the property market should support a modest acceleration in system credit growth, where there has already been a step up in business lending. Household sector deposit growth is expected to remain rapid, limiting the extent to which banks have to rely on offshore funding – a source of potential vulnerability

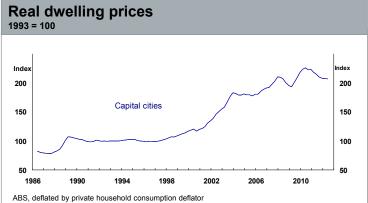
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### Australian housing prices and debt



#### Most common mortgage interest rates





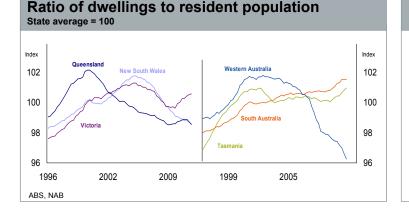
- House price growth was most marked from mid 1990s to 2004, and also accelerated sharply through 2009 and the first half of 2010.
- House prices appear to have stabilised over recent months, helped by relatively low borrowing rates, combined with the repair of household balance sheets that has occurred since the GFC.
- House price growth may be expected to increase somewhat over the year ahead as the full impacts of RBA rate cuts filter through the economy. Consistent with this, the NAB Residential Property Survey shows that expectations are now for positive growth in Australia over the next 12 months.

🕻 National Australia Bank

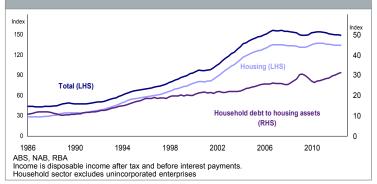
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# **Characteristics of the Australian Mortgage Market**

- Solid population growth combined with an insufficient expansion in Australia's dwelling stock has led to an undersupply of housing in most regions
- While Australia's household debt service burden remains at historically high levels, it has improved marginally in the face of lower borrowing rates and household de-leveraging. Furthermore, when looking at dwelling price to income ratios, Australia is within normal ranges when compared to the rest of the world
- The September quarter NAB Australian Property Survey indicates that lower interest rates and rental growth are boosting local investor demand in the existing property market. Overseas buyers are also emerging as important players in the market for new developments. First home buyer activity softened a little in the quarter, possibly reflecting the end to some state first home bonus schemes. Employment security has become entrenched as the biggest impediment to purchasing existing property according to our survey panel, especially in Victoria and Queensland
- Around 80% of Australian mortgages are at variable rates, making the most common mortgage rate very sensitive to changes in monetary policy



### Household debt-to-income ratio



#### Dwelling price to income ratios<sup>1</sup>



Average dwelling prices to average household disposable income

(1) Sources: BIS; Bloomberg; CREA; Halifax; Japan REI; OECD; Quotable Value; RP Data-Rismark; Thomson

Reuters; UN; national sources (statistical agencies, central banks and government departments)

