

# FULL YEAR RESULTS 2021

**Investor Presentation** 9 November 2021

**Ross McEwan** 

Chief Executive Officer

**Gary Lennon** 

Chief Financial Officer

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# NAB 2021 FULL YEAR RESULTS INDEX

This presentation is general background information about NAB. It is intended to be used by a professional analyst audience and is not intended to be relied upon as financial advice. Refer to page 127 for legal disclaimer.

Financial information in this presentation is based on cash earnings, which is not a statutory financial measure. Refer to page 125 for definition of cash earnings and reconciliation to statutory net profit.

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# **OVERVIEW**

ROSS McEWAN
Group Chief Executive Officer

# **KEY MESSAGES**

Solid financial results in a challenging environment

- Business momentum
- Maintained strong asset quality

Improving shareholder returns while retaining a strong balance sheet

Disciplined execution of our strategy is delivering results

Maintaining cost focus while investing to support growth

Well positioned for economic rebound in FY22



# **SOUND FINANCIAL RESULTS**

METRIC	FY21	FY20	FY21 V FY20
Statutory net profit (\$m)	6,364	2,559	large
CONTINUING OPERATIONS (EX LARGE NOTABLE ITEMS <sup>1</sup> )			
Cash earnings <sup>2</sup> (\$m)	6,558	4,733	38.6%
Underlying profit (\$m)	8,989	9,640	(6.8%)
Cash ROE	10.7%	8.3%	2.4%
Diluted Cash EPS (cents)	191.0	146.9	30.0%
Dividend (cents)	127	60	large
Cash payout ratio <sup>3</sup>	63.7%	38.9%	large

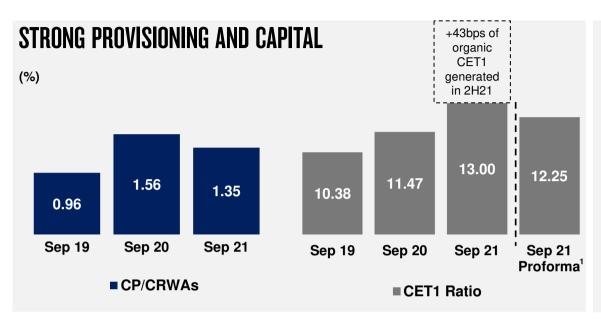
<sup>(1)</sup> The Group did not recognise any amounts as large notable items in FY21. For a full breakdown of large notable items in FY20 refer to Section 4, Note 16 of the 2021 Full Year Results Management Discussion and Analysis



<sup>(2)</sup> Refer to page 125 for definition of cash earnings and reconciliation to statutory net profit

<sup>(3)</sup> Based on basic cash EPS

# IMPROVING SHAREHOLDER RETURNS WHILE RETAINING A STRONG BALANCE SHEET



**FY20** 

---DPS

**Basic Cash EPS** 

#### **CLEAR CAPITAL AND DIVIDEND SETTINGS IN PLACE**

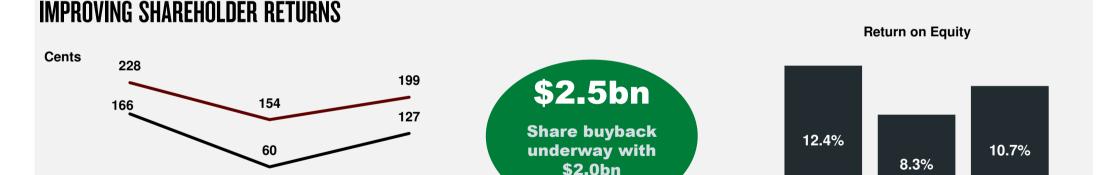
**FY19** 

10.75 - 11.25 %

target range for CET1 over time

65 - 75 %

payout ratio range of cash earnings by which future dividends are to be guided, subject to Board determination based on circumstances at the relevant time



remaining

(1) Pro forma impacts include estimated impacts from agreed sale of BNZ Life (+7bps), upfront impact of the proposed acquisition of Citigroup's Australian consumer business (-34bps) and the remaining \$2.0bn of on-market share buy-backs (-48bps). Both the proposed acquisition of the Citigroup Australian consumer business and the sale of BNZ Life are expected to complete in 2022, subject to relevant regulatory approvals. Final capital impact of each transaction will be determined following completion

**FY21** 



**FY21** 

**FY20** 

**FY19** 

## WE HAVE A CLEAR STRATEGIC AMBITION









:86400

#### WHY WE ARE HERE

To serve customers well and help our communities prosper

#### WHO WE ARE HERE FOR



#### **Colleagues**

Trusted professionals that are proud to be a part of NAB



#### **Customers**

Choose NAB because we serve them well every day

#### WHAT WE WILL BE KNOWN FOR

#### Relationship-led

#### Relationships are our strength

- 1. Exceptional bankers
- 2. Unrivalled customer value (expertise, data and analytics)
- 3. Truly personalised experiences

#### Easy

#### Simple to deal with

- 1. Simple products and experiences
- Seamless everything just works
- Fast and decisive

#### Safe

#### Responsible & secure business

- 1. Strong balance sheet
- 2. Leading, resilient technology and operations
- Pre-empting risk and managing it responsibly

#### Long-term

#### A sustainable approach

- 1. Commercial responses to society's biggest challenges
- 2. Resilient and sustainable business practices
- 3. Innovating for the future

#### **WHERE WE WILL GROW**

#### **Business & Private**

Clear market leadership

#### **Corporate & Institutional**

Disciplined growth

#### Personal

Simple & digital

#### **BNZ**

Grow in Personal & SMF

#### **UBank**

New customer acquisition

#### **HOW WE WORK**



**Excellence for** customers









**MEASURES FOR SUCCESS** 





Cash EPS arowth



ROE











# SUCCESSFUL EXECUTION OF OUR STRATEGY

KEY MEASURES OF SUCCESS	FY21 PROGRESS	OUR AMBITION OVER FY23-25		
Colleague engagement	<b>√</b>	Top quartile engagement		
Customer NPS <sup>1</sup> Equal #1 of majors but not yet positive		Strategic NPS positive and #1 of majors		
	<b>√</b>	Focus on growing share in target segments, while managing risk and pricing disciplines		
Cash EPS growth	0-2% cost increase YoY	Disciplined approach to costs and investment – target lower absolute costs (relative to FY20 cost base of \$7.7bn²)		
ROE ✓		Target double digit Cash ROE		

<sup>(1)</sup> Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld. The overall Strategic NPS result combines the Consumer (18+) and Business segment results using a 50% weighting for each. Net Promoter Score (NPS) is based on all customers' likelihood to recommend on a scale of 0 (not at all likely) to 10 (extremely likely)

<sup>(2)</sup> Excluding large notable items, the impact of proposed acquisition of Citigroup's Australian consumer business and any potential non-recurring AML/KYC related costs including those incurred in addressing the issues subject to investigation by AUSTRAC, such as file remediation and other associated costs. Refer to key risks, qualifications and assumptions in relation to forward looking statements on page 127



# FOCUS ON CUSTOMERS AND COLLEAGUES DELIVERING RESULTS

#### **OUR CUSTOMERS**

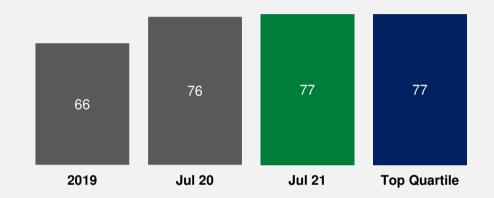
Strategic NPS<sup>1,2</sup> equal first, more work to achieve positive



- #1 in Consumer<sup>3</sup> NPS
- #2 in Business<sup>4</sup> NPS, #1 in Medium Business<sup>5</sup> NPS
- #1 Institutional NPS<sup>6</sup> and Transactional Banking RSI<sup>7</sup> and setting record high customer scores
- #1 in BNZ Consumer NPS8

#### **OUR COLLEAGUES**

Engagement levels now at top quartile9



#### Continued investment in colleagues



Distinctive Leadership Program rollout underway for leaders, and Career Qualified in Banking (CQiB) program for all colleagues

~550

New customer facing roles in Business and Private Bank – new banker hires exceeding set performance benchmarks

>2.7k

Industry recognised cloud certifications



<sup>(1)</sup> Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld

<sup>2)</sup> Strategic NPS: Sourced from DBM Atlas, measured on 6 month rolling average. The overall Strategic NPS result combines the Consumer (18+) and Business segment results using a 50% weighting for each. Net Promoter Score (NPS) is based on all customers' likelihood to recommend on a scale of 0 (not at all likely) to 10 (extremely likely).

<sup>3)</sup> September 2021. Source: DBM Atlas – Consumer. All Consumer customers, Australian population aged 18+, six month rolling averages.

<sup>(4)</sup> September 2021. Source: DBM Atlas – Business. All Business customers, six month rolling averages.

<sup>(5)</sup> September 2021. Source DBM Atlas - Medium Business. Business Customers with turnover from \$5m to \$50m, six month rolling averages.

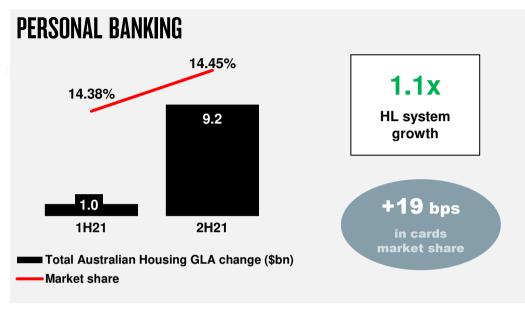
Source: Peter Lee Associates, Australia. Large Corporate Relationship Banking Survey 2021. Based on top four banks by penetration.

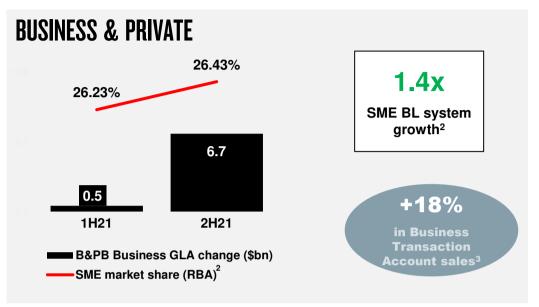
Source: Peter Lee Associates, Australia. Large Corporate Transactional Banking Survey 2021. Based on top four banks by penetration. Relationship Strength Index (RSI) is based on a combined measure of most qualitative evaluations.

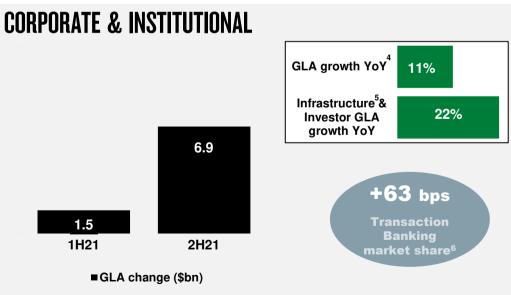
<sup>(8)</sup> Source: Camorra Retail Market Monitor (data on 12 month roll).

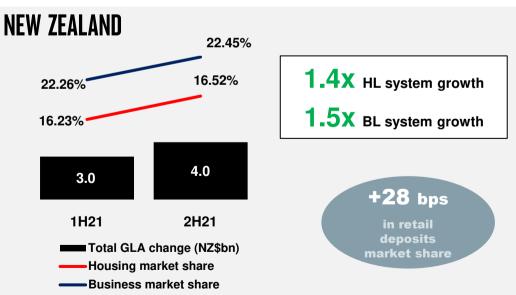
The 2019 score of 66 represents a restated score of the AON survey into a Glint 'Heartbeat' score methodology. Top quartile comparison is based upon Glint's client group (domestic and global, from all industries)

# CLEAR GROWTH MOMENTUM ACROSS OUR BUSINESSES IN 2H21<sup>1</sup>

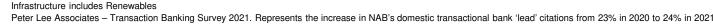








- Market share data are for the relevant periods and all system growth multiples are for 2H21 unless otherwise stated, and are based on APRA Monthly Authorised Deposit-taking Institution statistics, and RBNZ data for New Zealand related metrics. Housing market share for 2H21 includes 86 400.
- A business is classified as SME under the RBA if NAB has exposure to the business and the business has turnover less than \$50 million. A business is classified as B&PB if NAB has exposure to the business less than \$50m; and the business has turnover less than \$100 million. Latest market share as at Aug 21.
- Count of new Business Everyday Accounts FY21 compared with FY20
- Growth rates excluding FX and aviation sale





# MARKET LEADERSHIP IN BUSINESS & PRIVATE BANKING

#### Focused on simplifying the business and getting the basics right



Embedded heightened focus on **performance disciplines** 

~550

New customer facing roles in FY21

~200

FTE savings from process & policy changes

#### Simplified merchant offering

- 1.15% flat price on card transactions<sup>1</sup>
- Least cost routing

#### Driving growth through better customer and colleague experiences

# Transforming small business lending

- Simplified small business lending with fast tracked assessment, digitally captured self declared income, conditional approval in 24-48 hours
- New Quickbiz offering<sup>3</sup> to enable cash disbursement within 20 mins



# Digital transaction account opening<sup>2</sup>

- Straight-through processing enabling real-time onboarding
- ✓ Electronic ID verification and automated KYC decisioning
- ✓ Multi product origination



# Industry-leading relationship bankers enabled by Data & Analytics

- ✓ New facility renewal & annual review process: faster assessment based on behavioural drivers
- Personalised customer leads: advanced analytics propensity models help identify opportunities for bankers to better meet customer needs



#### Leveraging our High Net Worth proposition

- ✓ New integrated HNW offering, 2.3x HL system growth in 2H21
- √ 50 new Private Bankers, dedicated credit team and tailored policies, improving turnaround times
- ✓ Improved digital: new nabtrade app, JBWere website refresh and new client portal



- (1) Replacing 10 separate pricing plans
- (2) Currently available only to sole traders and Australian private companies where the individual is new to bank. Work underway to expand more broadly
- 3) Expected launch in late calendar year 2021 initially for unsecured lending and existing customers only
- (4) NAB Private Bank: Winner Australia



# SIGNIFICANTLY IMPROVED HOME LENDING EXPERIENCE

#### Continued rollout of simple home loans...

- 80% of proprietary applications now eligible
- Progressive rollout to Broker and B&PB in FY22

'Time to Yes' for applications through
Simple Home Loans

~30%

In <1 hour

~60%

In <1 day

~80%

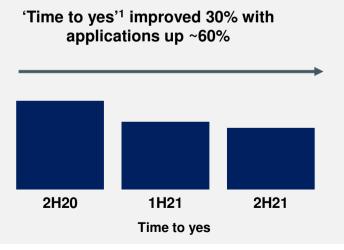
In <5 days

#### ...simplified, digitised and automated policies and processes

- Improved application quality through colleague training
- New credit decision engine for brokers to simplify approvals
- Leveraging data & analytics to enable automated approvals and valuations

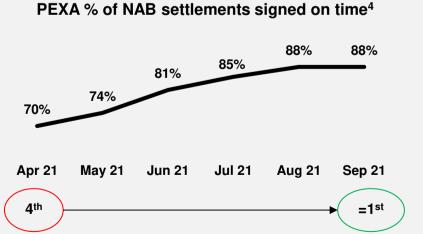
- 50%

  Reduction in banker time to submit an application<sup>2</sup>
- Increased self-serve functionality for home loan modifications via the NAB App
- **50%** increase in home loan appointment bookings through digital channels<sup>3</sup> and **>40%** of home loan appointments now via video





#propertyXaward



- (1) Average monthly median days from submission of a customers' application to unconditional approval. Personal Bank only
- 2) Measures improvement via Simple Home Loan application tool in the 12 month period to September 2021
- Compared to 1H21
- 4) PEXA's 'Signed on Time' metric is a land and property settlement performance metric that allows NAB to track performance & benchmark against industry peers



# RESHAPING OUR PORTFOLIO - MLC EXIT AND BOLT ON ACQUISITIONS

#### MLC Wealth transaction completed in May 2021

#### 86 400 and UBank to deliver market leading digital bank experience

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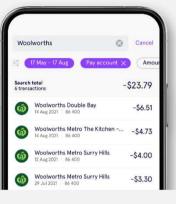
Innovating with new features and offerings

Sign up in 120 seconds

>70%
HL growth since completion

Introduced Smart Search, enabling search across 86 400 and connected accounts

- Visibility of Super and Investment accounts
- Launched direct to customer home loans







#### Proposed acquisition of Citigroup's Australian consumer business to build a more scalable business

- Increased access to transactional data with ~1m additional unsecured lending customers
- Scale supports investment in new technology
- Combined business to be the 2<sup>nd</sup> largest credit card provider in Australia<sup>1</sup>

Milestone	Timeframe
Completion	1H CY2022 <sup>2</sup>
TSAs	~ 30 months
Full integration	Mid 2024 <sup>3</sup>

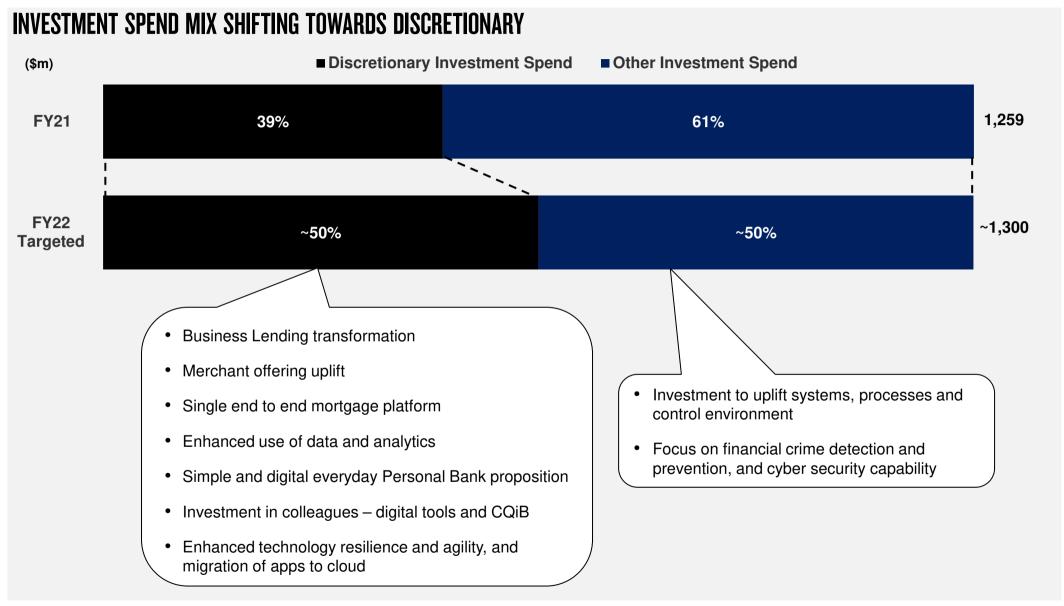


<sup>(1)</sup> Based on outstanding balances as at Sep 21

<sup>(2)</sup> Targeted completion timeframe, subject to regulatory approvals

<sup>(3)</sup> Subject to completing on expected timetable

# CONTINUING TO INVEST IN OUR KEY STRATEGIC PRIORITIES





# ACCELERATING EXECUTION OF OUR DIGITAL, DATA AND ANALYTICS AGENDA

#### Significant progress in FY21 driving better outcomes for customers and colleagues



- One tap digital health insurance claims through HICAPs, via Apple Wallet
- Launched merchant hub in partnership with Pollinate, providing customers with real-time payment insights
- Launched Payments-as-a-Service enabling Fintechs to access NPP realtime payments - increased market share by 225 bps1



#### Simplified lending experience

- Simple Home Loans from 10% to 80% eligibility rate in FY21
- QuickBiz<sup>4</sup> straight-through processing enabling disbursement within 20 mins

**ELT** appointment builds on FY21 progress and reflects strategic importance of NAB's data and digital strategies



- #1 Multichannel Bank for CX 20212
- Record highs in mobile advocacy with +50 NPS, 6% YoY increase in mobile users
- Increased self-serve
  - 65% simple consumer sales via digital
  - 13% increase in mobile payment value
  - Virtual Assistant chats up 59% YoY<sup>3</sup>
  - NAB Assist ~900 customers per week electing to 'pay now' or arrange payment through IB and mobile



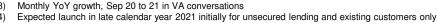
#### Leveraging Data & Analytics

- Retention, attrition and customer leads for bankers
- Streamlined B&PB customer reviews
- EedenBull partnership enables better analytics on business cards



#### Open Data

- Accredited Data Recipient
- Innovating with the global Open Finance challenge
- Source: RBA (NAB domestic payments market share based on three month rolling average from September 2020 to August 2021)
- NAB received the highest CX Index™ score among Banks Multichannel in Forrester's proprietary 2021 CX Index™ survey. The ranking was based on responses from 1,487 Australian individuals measuring 5 brands in the industry. The proprietary survey results are based on consumers' opinions of the experiences with the brands in the survey. Forrester Research does not endorse any company included in any CX Index™ report and does not advise any person to select the products or services of any particular company based on the ratings included in such reports





## CLIMATE ACTION IS A PRIORITY AND A KEY LONG-TERM GROWTH OPPORTUNITY

#### ALIGNING OUR PORTFOLIO TO NET ZERO BY 2050

- First Australian bank to sign the UNEP FI Collective Commitment to Climate Action, with our goal to align our lending portfolio to net zero emissions by 2050
- \$56.3bn in environmental financing to customers since 2015<sup>1</sup>
- Carbon neutral in operations for over a decade, focused on sourcing 100% of our electricity needs from renewable sources by 2025
- Finalised oil and gas review and published updated ESG credit risk settings for coal, oil and gas sectors
- Exposure to fossil fuels<sup>2</sup> in energy generation portfolio down ~25% on 30 September 2016 with exposure to clean energy<sup>2</sup> increasing 110%

#### WELL POSITIONED TO SUPPORT ACTION BY CUSTOMERS

- Australian bank for global renewables transactions<sup>3</sup>
- Driving innovation in finance products to support the transition e.g. sustainability-linked derivatives, founding member of the carbon trading network4
- Investing in our bankers
- Backing over 150 domestic and global renewable energy finance transactions

#### Renewables EAD as a % of energy generation<sup>5</sup>



#### **OUR CLIMATE STRATEGY**



GOAL OF ALIGNING OUR LENDING PORTFOLIO TO NET ZERO EMISSIONS BY 2050





MANAGING CLIMATE RISK

Supported by





HIGHLY CAPABLE COLLEAGUES



RESEARCH. PARTNERSHIPS AND ENGAGEMENT

- Represented as a cumulative amount of new environmental finance since 1 October 2015. Refer to the Group's 2021 Sustainability Data Pack for a further breakdown of this number and reference to how the environmental financing commitment is calculated
- Fossil fuels includes net EAD to gas, coal and mixed fuel. Clean energy includes net EAD to wind, hydro and mixed renewables. Excludes exposure to counterparties predominantly involved in transmission and
- Rankings based on IJGlobal League Table, MLA, Renewables, 12 months ending 30 September 2021.
- An international collaboration between NAB, CIBC, Itaú Unibanco and NatWest Group to organise the carbon offset market with an efficient, transparent system for buying and selling that puts a price and measure on



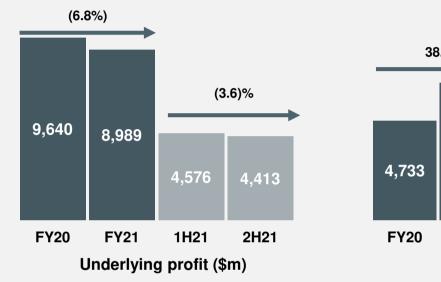


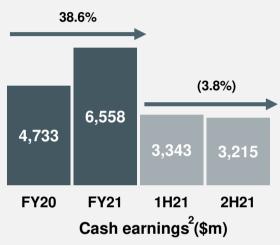
# FY21 FINANCIALS

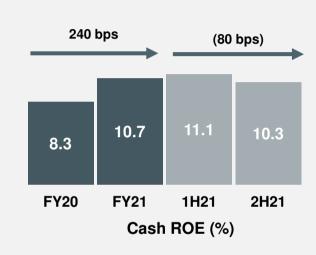
**GARY LENNON**Group Chief Financial Officer

# RESULTS IMPACTED BY LOWER MARKETS & TREASURY INCOME

## **GROWTH BY KEY FINANCIAL INDICATORS (EX LARGE NOTABLE ITEMS<sup>1</sup>)**







P&L key financial indicators	FY21 (\$m)	FY21 v FY20	2H21 (\$m)	2H21 v 1H21
Net operating income	16,806	(3.0%)	8,367	(0.9%)
ex Markets & Treasury	15,418	(0.5%)	7,787	2.0%
Operating expenses	7,817	1.8%	3,954	2.4%
Credit impairment write-back	217	large	89	(30.5%)

<sup>(1)</sup> Refers to large notable items in FY20. No notable items in FY21



<sup>(2)</sup> Refer to page 125 for definition of cash earnings and reconciliation to statutory profit

# **SOLID UNDERLYING PERFORMANCES**

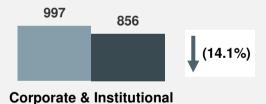
#### DIVISIONAL UNDERLYING PROFIT (HOH)



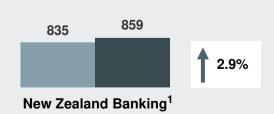
- Above system, broad based growth in business lending
- Higher NIM benefitting from lower funding costs
- Additional spend on customer facing roles for growth, higher technology investment



- Growth in housing lending, but NIM impacted by competition and mix
- Good cost discipline



- Lower markets risk management income (\$124m decline in 2H21)
- Underlying profit up 5% ex Markets
- · GLA growth driven by target growth sectors of infrastructure and investor

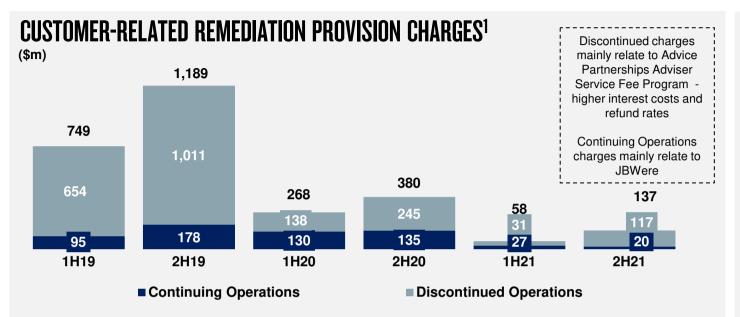


- Above system growth in housing and business lending broad based growth in business, particularly strong in SME
- Spend on additional colleagues for growth and compliance & risk activities



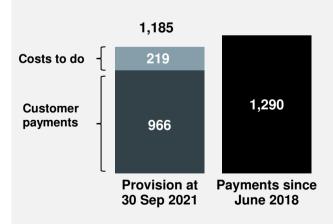
<sup>(1)</sup> Results in local currency. Divisional earnings exclude increase in forward looking collective provision economic adjustment.

# REMEDIATION WORK PROGRESSING



#### **CUSTOMER-RELATED REMEDIATION PROVISIONING AND UTILISATION**

(\$m)



- >1,200 colleagues dedicated to remediation activities
- >1.3m payments to customers since June 2018 totalling \$1,290m – up 80% from FY20
- Progressing accelerated payments to customers of Advice Partnerships Adviser Service Fee Program, with ~80% completion expected by Dec 2021
- All major programs expected to be essentially completed in CY22

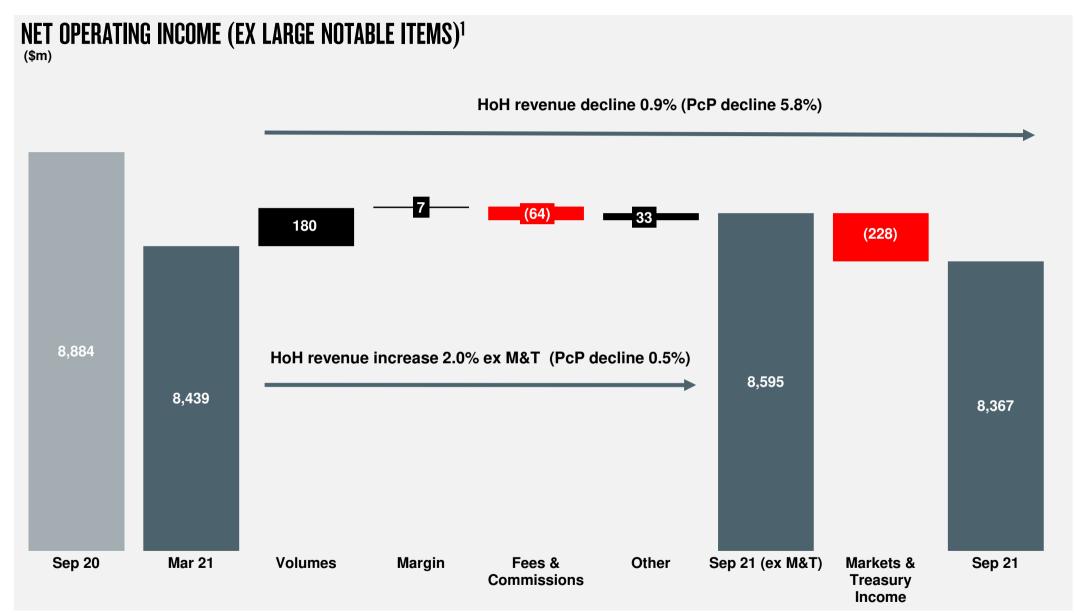
#### **AUSTRAC INVESTIGATION UPDATE**

- Enforcement investigation commenced by AUSTRAC in June given serious concerns about NAB's potential non-compliance with its AML/CTF obligations
- AUSTRAC advised that it had not made any decision as to whether it will take any enforcement action, but that it was not considering civil penalty proceedings at that stage and that its decision was "reflective of the work undertaken" by NAB to date. NAB has not been notified of any change to this position, however the AUSTRAC investigation is ongoing
- Outcomes, including costs, relating to AUSTRAC investigation remain uncertain at this stage
- NAB's Financial Crime Remediation team are driving a dedicated program of work aimed at ensuring that all relevant KYC data is captured and recorded appropriately



<sup>(1)</sup> Charges were included as large notable items in FY19 and FY20. Charges are shown pre-tax; 1H19 and 2H19 have been restated for the presentation of MLC Wealth as a discontinued operation

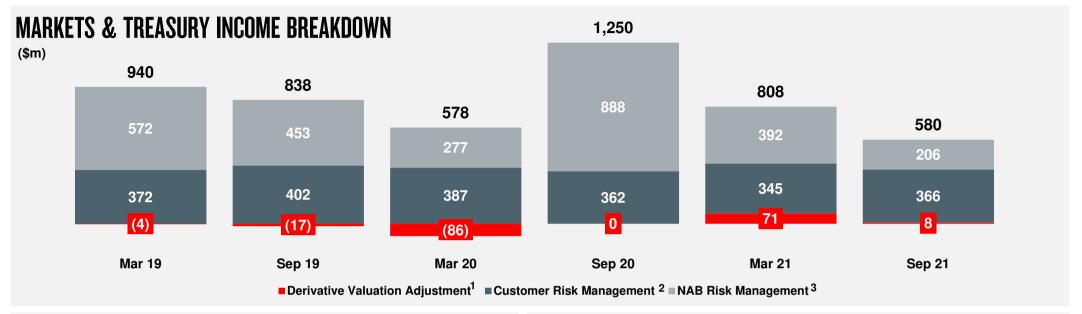
# **REVENUE UP EX MARKETS & TREASURY**

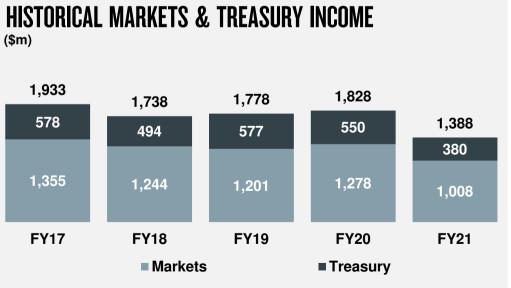


<sup>(1)</sup> Refers to large notable items in FY20. No notable items in FY21



# MARKETS & TREASURY INCOME LOWER





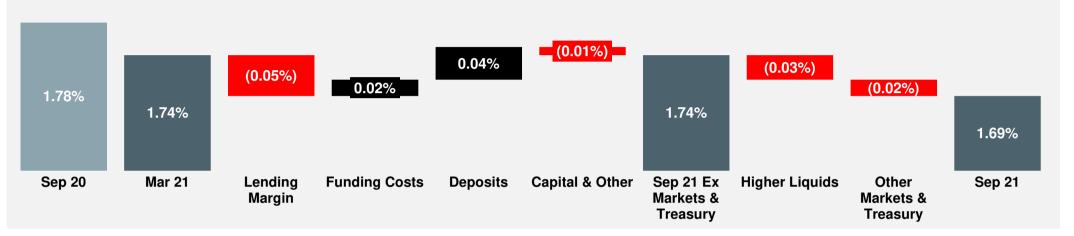
#### **KEY CONSIDERATIONS**

- Lower NAB Risk Management income in FY21 primarily reflects:
  - lower volatility in global rates & FX markets
  - · surplus liquidity impacting repo margins
- Recent re-emergence of interest rate volatility, but outlook difficult to predict
- (1) Derivative valuation adjustments include credit valuation adjustments and funding valuation adjustments
- (2) Customer risk management comprises NII and OOI
- 3) NAB risk management comprises NII and OOI and is defined as management of interest rate risk in the banking book (IRRBB), wholesale funding and liquidity requirements and trading market risk to support the Group's franchises



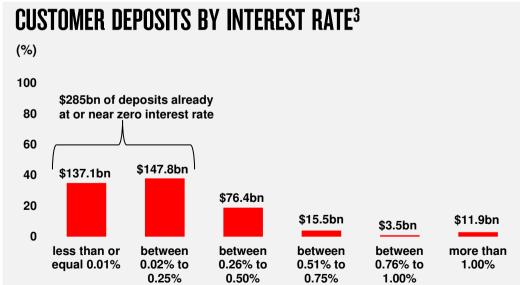
# **NET INTEREST MARGIN**

## NET INTEREST MARGIN (EX LARGE NOTABLE ITEMS)<sup>1</sup>



#### **KEY CONSIDERATIONS FOR FY22**

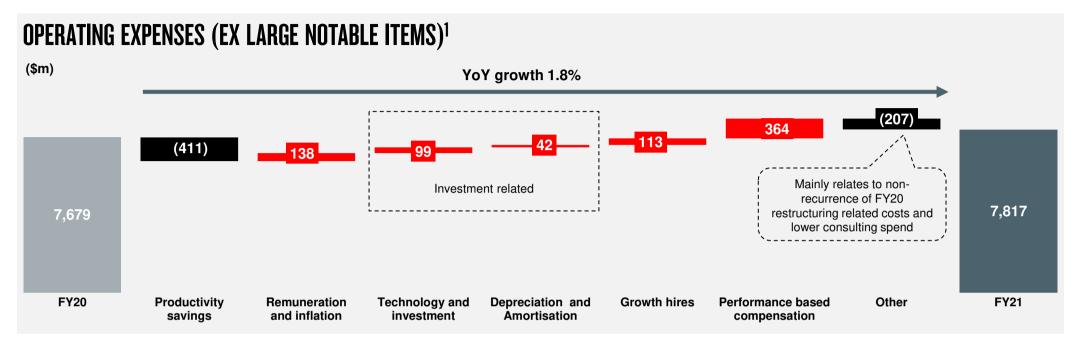
- NIM impact from the low rate environment<sup>2</sup> in FY22 expected to be broadly neutral, turning positive in FY23
- Competitive pressures and mix expected to continue impacting housing lending margins, along with full period impact of liquids build in 4Q21
- Lower funding costs and deposit mix expected to be a moderating tailwind
- Expect minimal NIM drag from CLF phase out in FY22

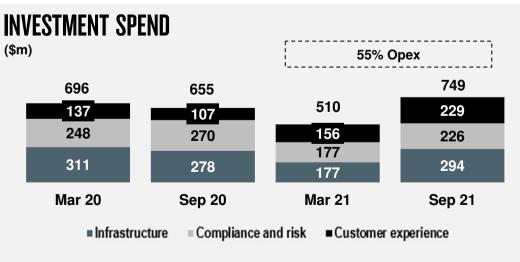


- (1) Refers to large notable items in FY20. No notable items in FY21
- (2) Refers to impact of the replicating portfolio net of any repricing, and based on current rates
- (3) Australia only, as at 30 September 2021. Customer deposits exclude home loan offsets, and set-off facilities



# REINVESTING SAVINGS FOR GROWTH





#### **COMMENTS**

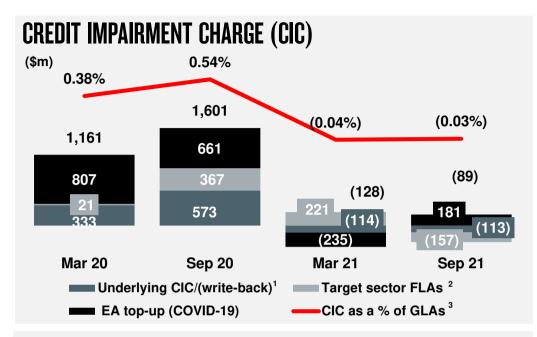
- Cost growth of 1.8% consistent with FY21 target of 0-2%
- Targeting broadly flat costs in FY22<sup>2</sup>
- FY22 investment spend expected to be broadly flat
- Continue to target FY23-25 costs to be lower than \$7.7bn<sup>2</sup>



<sup>(1)</sup> Refers to large notable items in FY20. No notable items in FY21

<sup>2)</sup> Excluding large notable items, the impact of proposed acquisition of Citigroup's Australian consumer business and any potential non-recurring AML/KYC related costs including those incurred in addressing the issues subject to investigation by AUSTRAC, such as file remediation and other associated costs. Refer to key risks, qualifications and assumptions in relation to forward looking statements on page 127

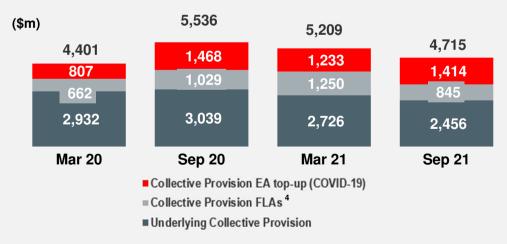
# CREDIT IMPAIRMENT WRITE-BACK, PROVISIONS MODESTLY LOWER



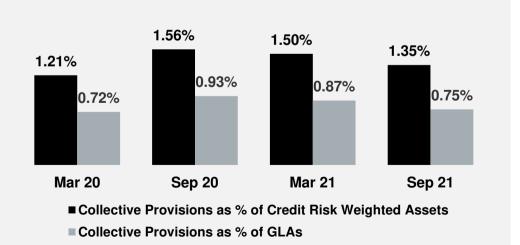
#### **KEY CONSIDERATIONS 2H21**

- Underlying CIC write-back of \$113m broadly consistent with 1H21, including continued low specific charges and improved asset quality
- Forward looking charges little changed vs 1H21:
  - Economic Adjustment (EA) top up of \$181m reflecting recent lockdowns and reopening uncertainty
  - Partially offset by \$157m write-back in Forward Looking Adjustments (FLAs)

### **COLLECTIVE PROVISION BALANCES**



#### **COLLECTIVE PROVISION COVERAGE**



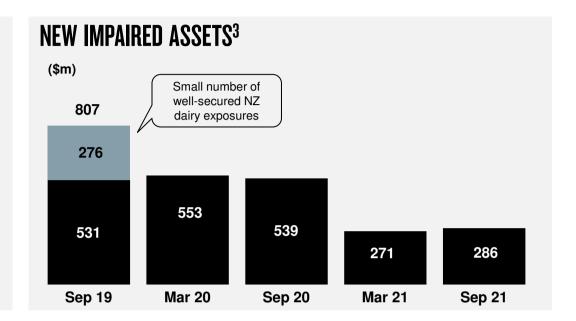
- (1) Represents total credit impairment charge less EA top-up and FLAs increase
- Represents collective provision FLAs for targeted sectors
- (3) Half year annualised
- (4) Collective provision FLA decline Sep 21 v Mar 21 of \$405m includes \$248m of provisions derecognised as a result of sale of aviation loans



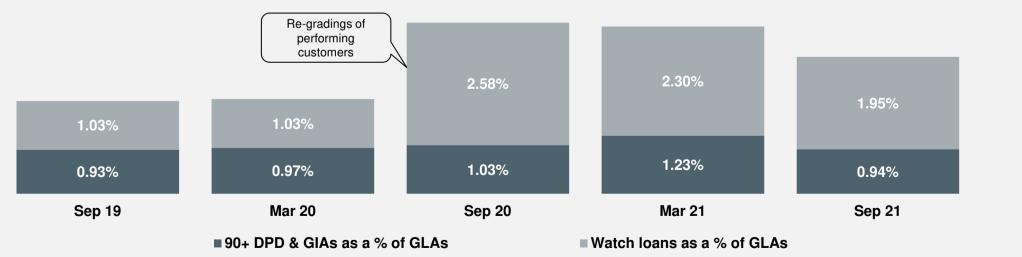
# **ASSET QUALITY IMPROVING**

#### **KEY IMPACTS IN 2H21**

- 90+ DPD & GIA ratio reduction with improvements in business lending and Australian home lending
- Reduction in Watch loans reflects aviation sale
- New impaired assets remain at low levels
- >70% of non-retail categorised assets relate to COVID-19 sectors<sup>1</sup>
- Total deferral balances associated with recent lockdowns ~\$2.2bn at 30 September<sup>2</sup>, majority housing



#### 90+ DPD, GIAS & WATCH LOANS AS A % OF GLAS<sup>4,5</sup>



<sup>(1)</sup> Categorised assets include 90+ DPD, GIAs and Watch loans. COVID-19 sectors refer to Retail Trade, Tourism, Hospitality & Entertainment, Air Travel and related services, Office, Retail, Tourism & Leisure CRE (see slides 82-85 for more details)

Eligible deferral customers treated in accordance with APRA guidance, with arrears profile frozen for period of deferral



<sup>(2)</sup> APRA concessional treatment of deferrals ended 30 September 2021

<sup>(3)</sup> Figures represent Half Year to date flow of new impaired assets

<sup>(4)</sup> Referral to Watch generally triggered by banker annual reviews through the year or as a result of performing customers experiencing cashflow pressures

# COVID-19 NON-RETAIL SECTORS REMAIN CHALLENGED

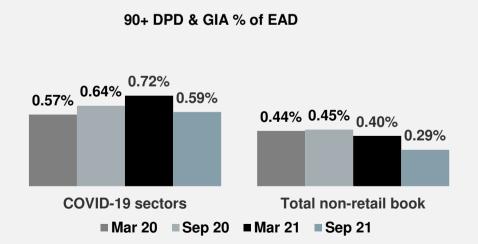
#### **KEY CONSIDERATIONS**

- Continued close monitoring of exposures to sectors significantly impacted by COVID-19
- While asset quality for these sectors improved compared with 1H21, it remains materially worse than for the total non-retail book
- EAD broadly stable vs 1H21
- FLAs for non-retail COVID-19 sectors now account for 100% of non-retail FLAs

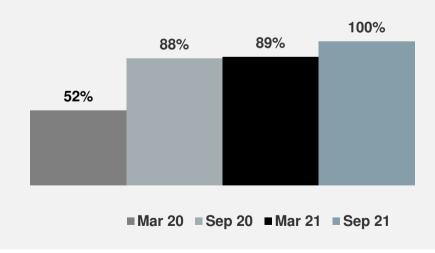
#### COVID-19 SECTORS - KEY METRICS SUMMARY

	EAD \$bn		% of 90+ DPD and GIA to EAD	
	Mar 21	Sep 21	Mar 21	Sep 21
Retail Trade	14.5	14.6	1.71	1.24
Tourism, Hospitality & Entertainment <sup>1</sup>	13.5	13.6	1.23	1.13
Air travel and related services	10.1	8.8	0.77	0.80
Office, retail, tourism & leisure CRE <sup>2</sup>	41.6	42.4	0.21	0.15
Total COVID-19 non-retail sectors	79.7	79.4	0.72	0.59

#### COVID-19 SECTORS VS TOTAL NON-RETAIL BOOK



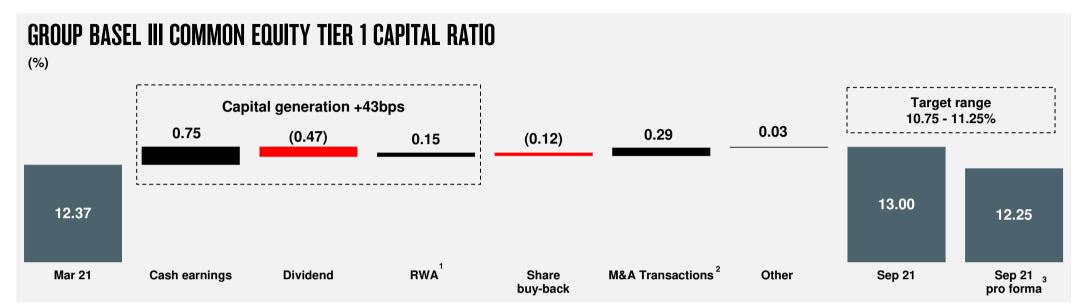
#### COVID-19 SECTOR FLAS % OF TOTAL NON-RETAIL FLAS<sup>3</sup>



- (1) Tourism, hospitality and entertainment include regulatory industry classification of accommodation and hospitality, plus cultural and recreational services
- 2) CRE EAD figures are limits based on ARF230 and the FLAs relate to the whole CRE portfolio with Office, Retail, Tourism and Leisure CRE most impacted by COVID-19 stress
- 3) Refer page 75 for a breakdown of target sector FLAs

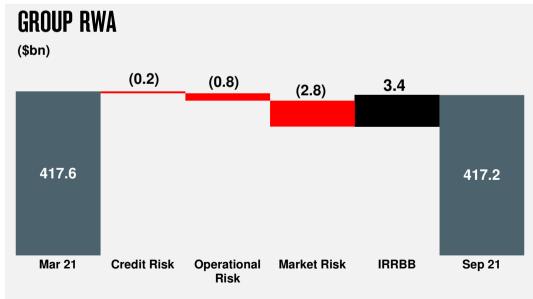


# STRONG CAPITAL POSITION

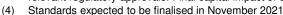


#### **CET1 CONSIDERATIONS**

- · Continued strong organic capital generation
- Flat RWAs CRWAs stable with improved asset quality and portfolio mix offsetting \$30bn GLA growth
- On-market share buy-back ~20% complete with ~\$2bn remaining
- APRA's 'unquestionably strong' standards are expected to reset capital ratios but are not expected to have a significant impact<sup>4</sup>



Pro forma impacts include estimated impacts from agreed sale of BNZ Life (+7bps), upfront impact of the proposed acquisition of Citigroup's Australian consumer business (-34bps) and the remaining \$2.0bn of on-market share buy-backs (-48bps). Both the proposed acquisition of the Citigroup Australian consumer business and the sale of BNZ Life are expected to complete in 2022, subject to relevant regulatory approvals. Final capital impact of each transaction will be determined following completion





<sup>(1)</sup> Excludes FX translation

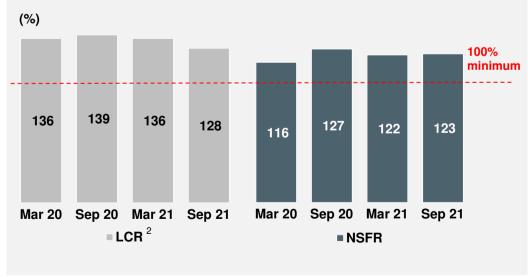
<sup>(2)</sup> Includes sale of MLC Wealth (+34bps) and acquisition of 86 400 (-5bps)

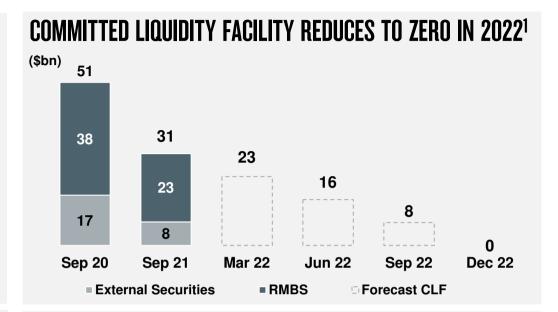
# **FUNDING & LIQUIDITY**

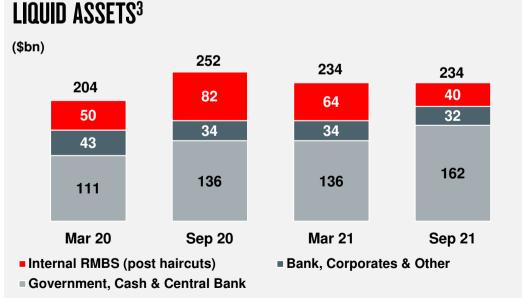
#### **KEY MESSAGES**

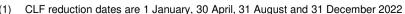
- Strong funding and liquidity position, well above regulatory minimums
- Term Funding Facility (TFF) Additional and Supplementary Allowances totalling \$17.6bn were fully drawn in 4Q21, supporting lending growth, refinancing of term wholesale maturities and higher liquid assets
- Term wholesale issuance expected to increase to more normalised levels in FY22
- Phase out of CLF by December 2022 is manageable, expected to increase liquid assets

#### LIQUIDITY RATIOS REMAINS ABOVE REGULATORY MINIMUMS









<sup>(2)</sup> Average LCR for the quarter



<sup>3)</sup> Spot Liquid Assets as at end of each period



# OUTLOOK

ROSS McEWAN
Group Chief Executive Officer

# **OUR PRIORITIES IN FY22**

Continue to focus on execution of Group strategy

Supporting customers and colleagues as we manage transition to "COVID-normal"

Investing in growth while maintaining cost and capital discipline

**Resolution of AUSTRAC investigation** 

Complete proposed acquisition of Citigroup's Australian consumer business and integration of UBank and 86 400





# ADDITIONAL INFORMATION

# **DIVISIONAL PERFORMANCES**

NAB At A Glance	33
We Have Clear Growth Opportunities	34
Divisional Contributions	35
Business & Private Banking	36
Personal Banking	39
Corporate & Institutional Banking	40
New Zealand Banking	42

# NAB AT A GLANCE

>32,000 Employees	~8 million Customers	748 Branches/Business centres	>160 years in operation		
CASH EARNINGS DIVISIONAL S	PLIT <sup>1</sup>	Key Financial Data	FY21		
Division	% of FY21 Cash Earnings	Cash Earnings <sup>1</sup>	\$6,558m		
Business & Private Banking	38%	Cash ROE	10.7%		
Personal Banking	25%	Gross Loans & Acceptances	\$629bn		
Corporate & Institutional Banking	18%	Non-performing loans to GLAs <sup>2</sup>	94 bps		
New Zealand Banking	18%	CET1 (APRA)	13.00%		
Corporate Functions & Other	1%	CETT (APRA)	13.00%		
Cash Earnings	100%	NSFR (APRA)	123%		
GROSS LOANS & ACCEPTANCES SPLIT		Australian Market Share	As at September 21		
	Mortgages 57%	Business lending <sup>3</sup>	22.0%		
Lending 1%		Housing lending <sup>3</sup>	14.4%		
		Personal lending <sup>4</sup>	9.2%		
		Cards <sup>3</sup>	13.4%		
Business Loans 42%	Business Loans 42%  Credit Ratings NAB Ltd LT/ST		Moody's Aa3/P-1 Fitch A+/F1 (Stable)		

- Refer to page 125 for definition of cash earnings and reconciliation to statutory net profit
- 90+ days past due and gross impaired assets to gross loans and acceptances APRA Monthly Authorised Deposit-taking Institution statistics
- Personal loans business tracker reports provided by RFI, represents share of RFI defined peer group data



# WE HAVE CLEAR GROWTH OPPORTUNITIES

BUSINESS & PRIVATE BANKING	PERSONAL BANKING	CORPORATE & INSTITUTIONAL BANKING	BNZ	UBANK
Clear market leadership	Simple & digital	Disciplined growth	Grow in personal & SME	New customer acquisition
Industry-leading relationship bankers, enabled by data and analytics  550 new customer facing roles Strengthen sector specialisation  Transform business lending experience Leverage High Net Worth proposition  Partner to deliver differentiated transactional banking experiences	<ul> <li>Flexible and professional bankers – able to serve customers whenever, wherever and through any channel they choose</li> <li>Deliver a simple and digital everyday banking experience, including unsecured lending</li> <li>Deliver Australia's simplest home loan</li> </ul>	<ul> <li>Highly professional relationship managers and specialists</li> <li>Leadership in infrastructure, investors, and sustainability</li> <li>Enhanced transactional banking and asset distribution capability</li> </ul>	<ul> <li>Step change in digital banking capability</li> <li>Simpler, more focused bank</li> <li>Re-weight to less capital intense segments</li> </ul>	<ul> <li>New propositions driving customer acquisition</li> <li>Market leading digital experience</li> <li>Ambition to expand share in younger segments</li> </ul>



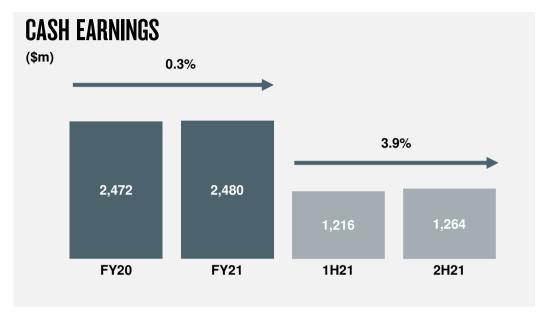
# **DIVISIONAL CONTRIBUTIONS**

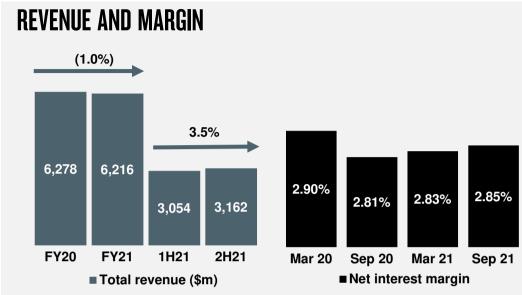
Divisional cash earnings	FY21 (\$m)	FY21 v FY20	2H21 (\$m)	2H21 v 1H21
Business and Private Banking	2,480	0.3%	1,264	3.9%
Personal Banking	1,650	14.4%	791	(7.9%)
Corporate & Institutional Banking	1,207	(14.8%)	425	(45.7%)
New Zealand Banking <sup>1</sup>	1,230	18.7%	614	(0.3%)

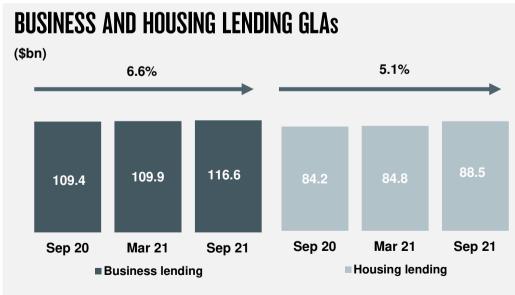
<sup>(1)</sup> In local currency

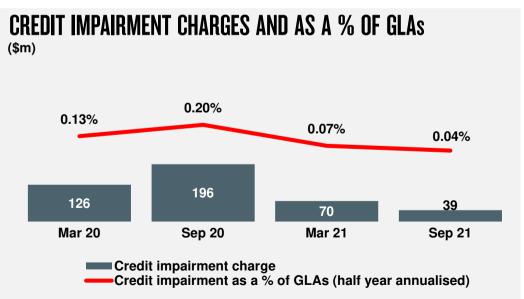


# **BUSINESS & PRIVATE BANKING**



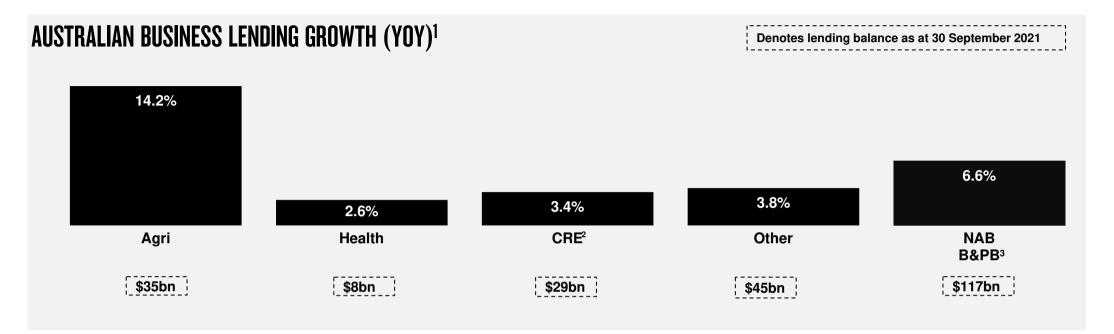








### **BUSINESS LENDING GROWTH & MARKET SHARE**



### SME AND AGRI BUSINESS LENDING MARKET SHARE







<sup>(1)</sup> Growth rates are on a customer segment basis and not industry

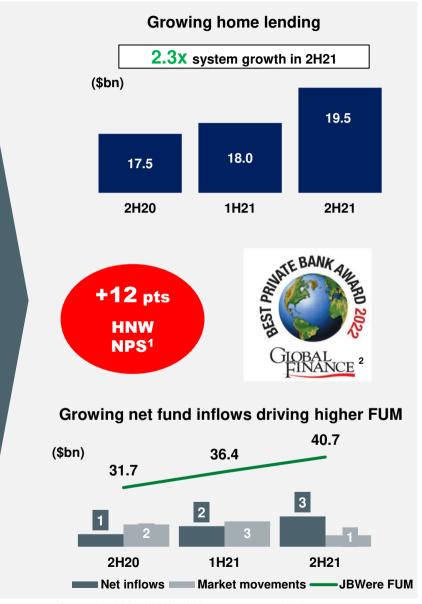
<sup>(2)</sup> CRE primarily represents commercial real estate investment lending across a range of asset classes including Retail, Office, Industrial, Tourism and Leisure, and Residential

<sup>3)</sup> A business is classified as SME under the RBA if NAB has exposure to the business and the business has turnover less than \$50 million. A business is classified as B&PB if NAB has exposure to the business less than \$50m; and the business has turnover less than \$100 million.

# **BUSINESS & PRIVATE BANKING - LEVERAGING HIGH NET WORTH (HNW)**

### **INVESTING IN A NEW INTEGRATED APPROACH IN FY21**

- Single leadership of Private Bank, JBWere and nabtrade
- Closer collaboration with Business Banking:
  - HNW representatives across specialised banking teams
  - Aligning Private Bankers and Wealth Advisors with every metropolitan Business Banking Centre
  - Established cross-business referral model
- 50 new Private Bankers added, dedicated credit team and tailored HNW credit policies, improving turnaround times
- Digital initiatives:
  - New nabtrade app 116k downloads since launch; +30 NPS uplift<sup>3</sup>
  - JBWere website refresh and new client portal providing real time portfolio performance reporting
  - 100% of eligible Private Bank home lending documents provided via DigiDocs



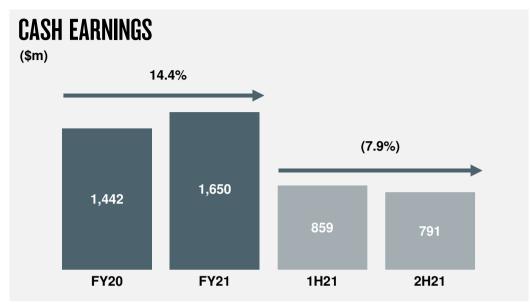
<sup>(1)</sup> Change in September 2021 score versus September 2020 score. DBM Atlas - Consumer. HNW customers, six month rolling average to September 2021. HNW includes consumer aged 18 up to 75, Total net worth \$2m+ across Deposits / Lending / Credit/ Super / Investments (Managed and Direct) / Equity in investment property. Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld. Net Promoter Score (NPS) is based on all customers' likelihood to recommend on a scale of 0 (not at all likely) to 10 (extremely likely)

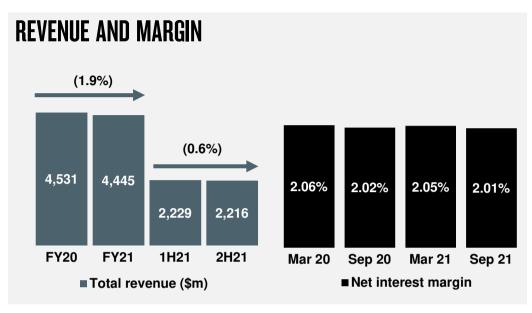


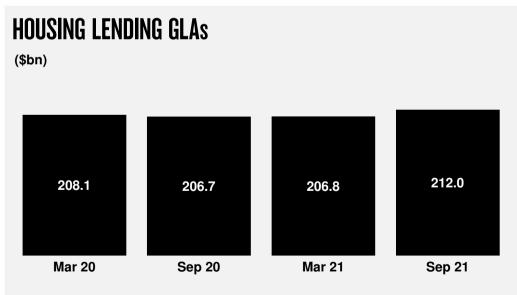
<sup>(2)</sup> NAB Private Bank: Winner - Australia

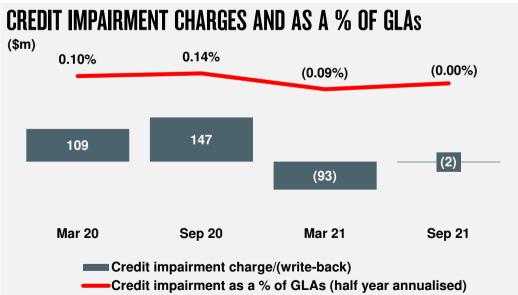
<sup>(3)</sup> From Oct-20 to Sep-21

### PERSONAL BANKING



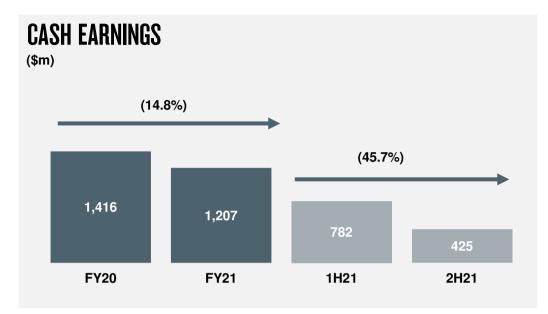


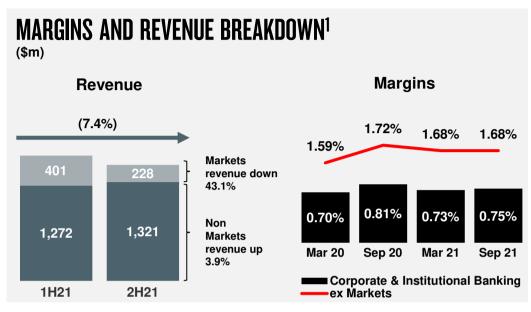


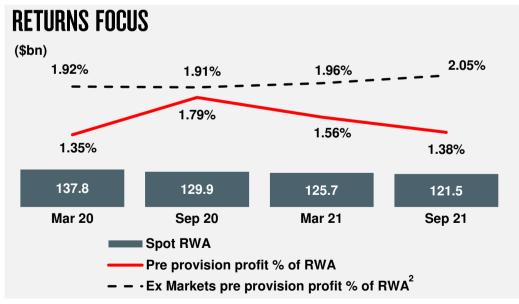


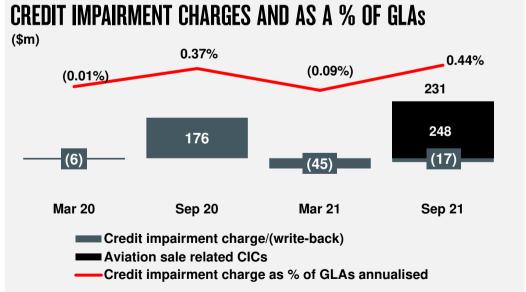


## **CORPORATE & INSTITUTIONAL BANKING**





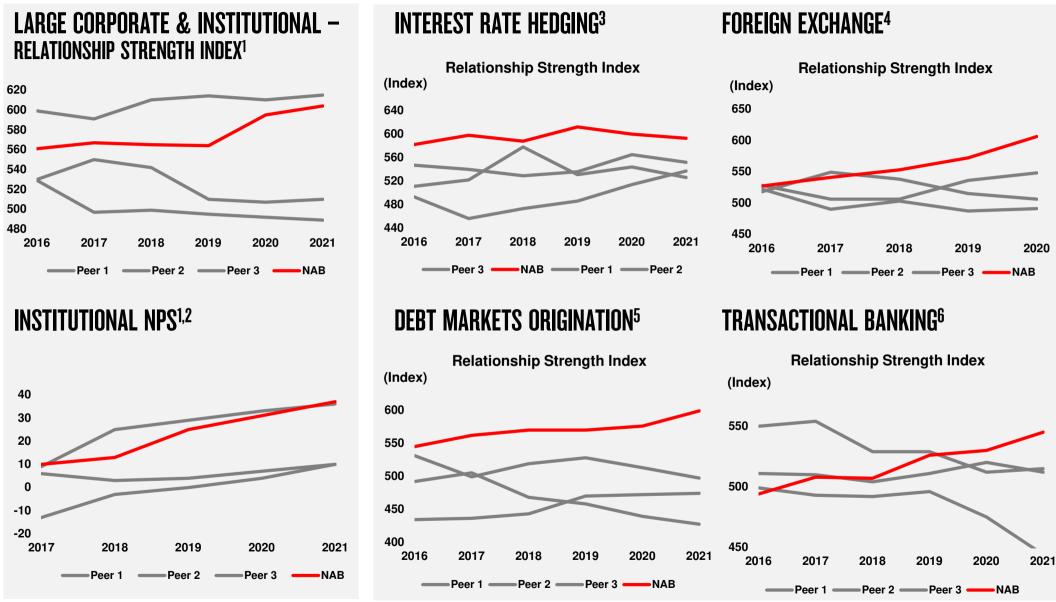




- (1) Markets revenue represents Customer Risk Management revenue and NAB Risk Management Revenue. Includes derivative valuation adjustments
- (2) Excludes Markets pre provision profit and average RWAs

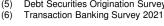


### **CUSTOMER METRICS**



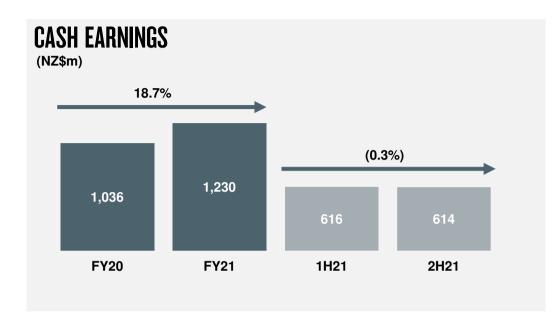
All data from Peter Lee Associates, Australia. Based on top four banks by penetration. Relationship Strength Index (RSI) is based on a combined measure of most qualitative evaluations.

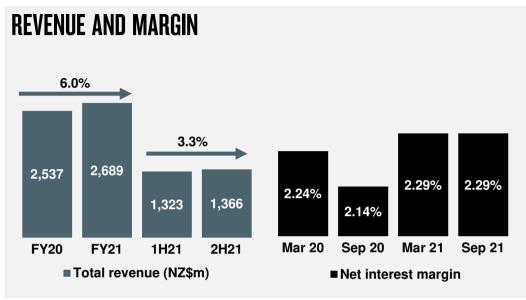
- Corporate and Institutional Relationship Banking Survey 2021
- Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld
- Interest Rate Derivatives Survey 2021
- Foreign Exchange Survey 2020
- Debt Securities Origination Survey 2021

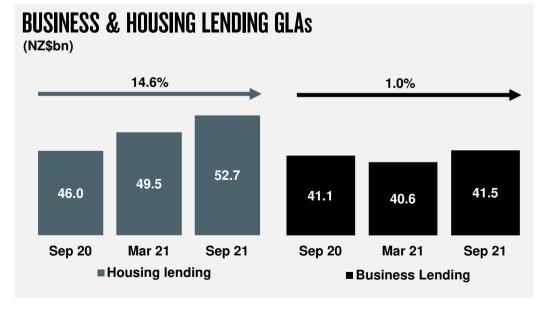


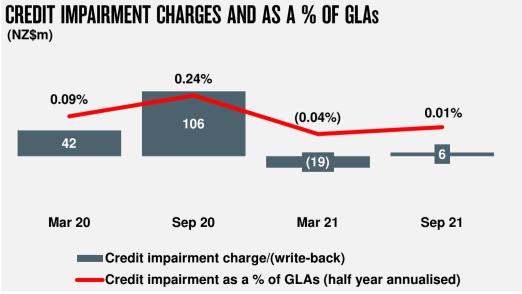


### **NEW ZEALAND BANKING**



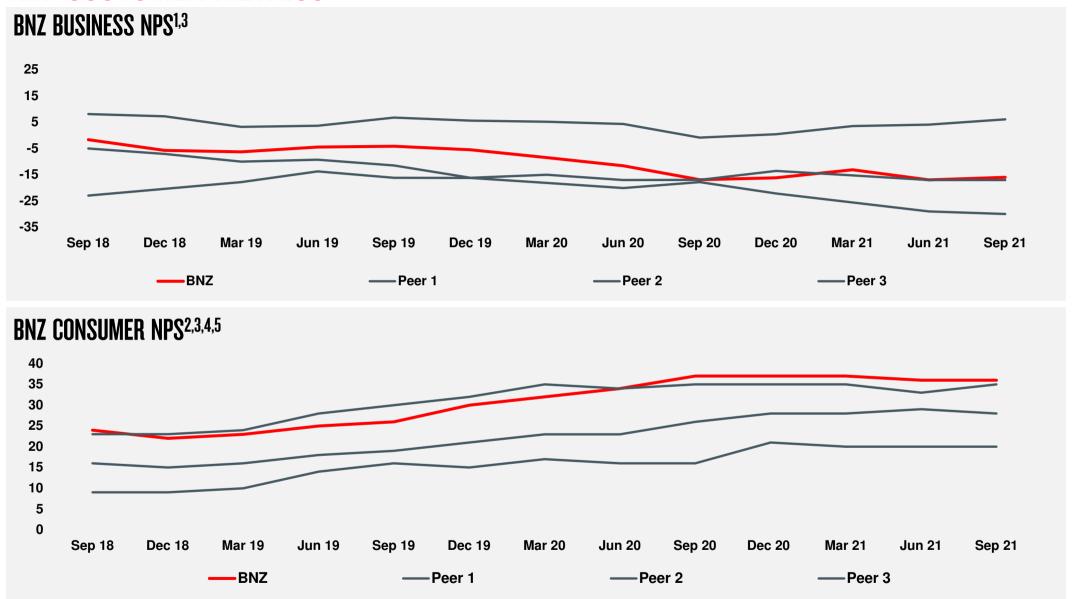








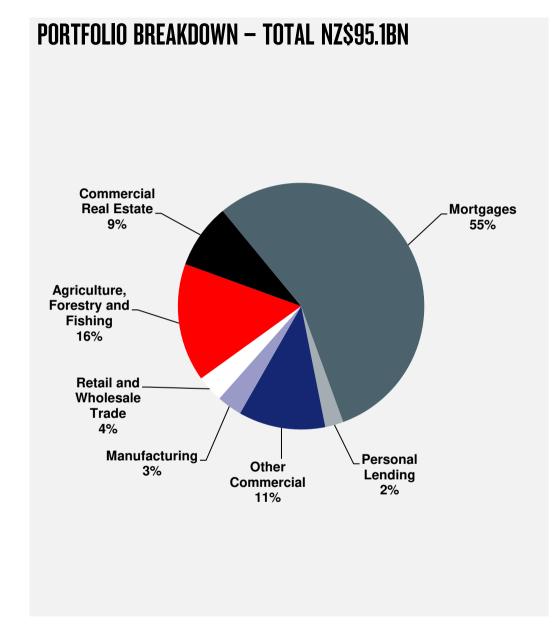
### **KEY CUSTOMER METRICS**

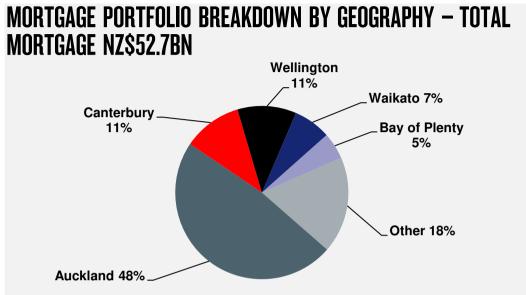


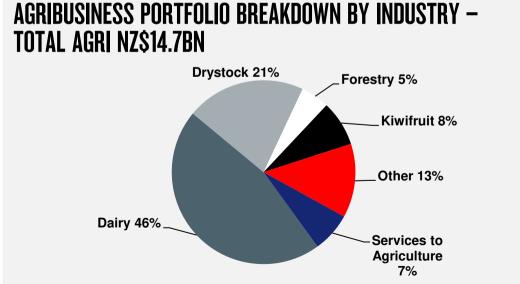
- (1) Source: Kantar Business Finance Monitor (data on 4 quarter roll). Total business market up to annual turnover of \$150m; includes Agribusiness with a turnover of \$100k+.
- (2) Source: Camorra Retail Market Monitor (data on 12 month roll). There has been a change in NPS used for BNZ reporting vs. previous years. The result now reflects the total Consumer market, rather than Combined Priority Segments (which included Starters and Savers, Home Owners and Investors and High Net Worth).
- (3) Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld.
- (4) In 2019, a change in Retail Market Monitor methodology led to a re-set of NPS for the consumer market for all major banks. Use of a 12 month rolling average in BNZ reporting smoothed the transition but a methodology-driven increase in NPS for all banks is visible. The new methodology has been fully embedded since October 2019.
- In September 2021 there was a further methodological improvement. Customer share (alongside population census results) is now included in the underlying data weighting approach. This change has been applied across the market, so affects both BNZ and our peers. It has also been applied to the historical results from May 19 so comparisons over time remain valid, including for blended periods.



## **LENDING MIX**









# **NEW ZEALAND HOUSING LENDING KEY METRICS**

New Zealand Housing Lending	Mar 20	Sep 20	Mar 21	Sep 21			
Portfolio							
Total Balances (spot) NZ\$bn	44.8	46.0	49.5	52.7			
By product							
- Variable rate	15.2%	14.1%	12.9%	11.3%			
- Fixed rate	82.6%	84.1%	85.5%	87.3%			
- Line of credit	2.2%	1.8%	1.6%	1.4%			
By borrower type							
- Owner Occupied	66.4%	66.0%	64.5%	64.6%			
- Investor	33.6%	34.0%	35.5%	35.4%			
By channel							
- Proprietary	77.9%	76.2%	73.7%	71.6%			
- Broker	22.1%	23.8%	26.3%	28.4%			
Low Documentation	0.0%	0.0%	0.0%	0.0%			
Interest only <sup>2</sup>	24.4%	25.5%	20.2%	18.9%			
LVR at origination	66.7%	66.8%	66.0%	65.4%			
90+ days past due	0.11%	0.13%	0.14%	0.09%			
Impaired loans	0.03%	0.02%	0.01%	0.00%			
Specific Impairment coverage ratio	25.5%	26.3%	20.8%	11.5%			
Loss rate <sup>3</sup>	0.01%	0.00%	0.00%	0.00%			

Mar 21	Sep 21				
Drawdowns <sup>1</sup>					
9.5	8.8				
11.2%	10.0%				
88.2%	89.7%				
0.6%	0.3%				
60.1%	68.5%				
39.9%	31.5%				
67.9%	64.7%				
32.1%	35.3%				
0.0%	0.0%				
28.5%	25.4%				
	9.5  11.2%  88.2%  0.6%  60.1%  39.9%  67.9%  32.1%  0.0%				

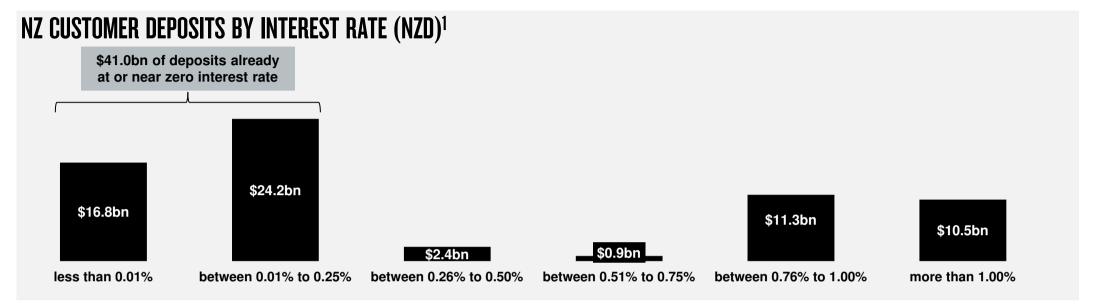


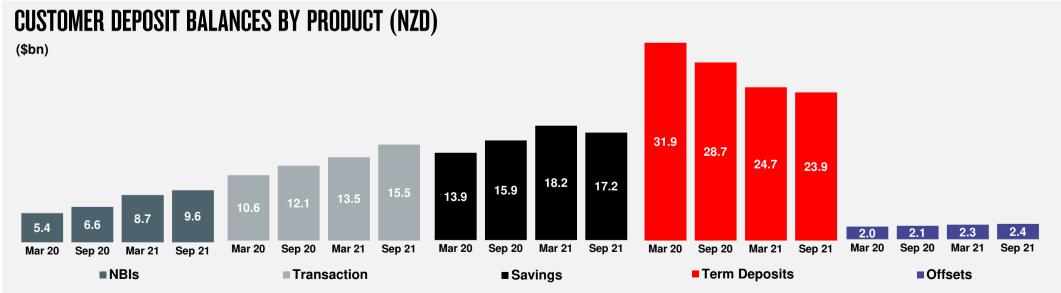
<sup>(1)</sup> Drawdowns is defined as new lending including limit increases and excluding redraws in the previous six month period

<sup>(2)</sup> Excludes line of credit products

<sup>(3) 12</sup> month rolling Net Write-offs / Spot Drawn Balances

### NZ CUSTOMER DEPOSITS BY INTEREST RATE





<sup>(1)</sup> Customer deposits exclude offset products, and set-off facilities



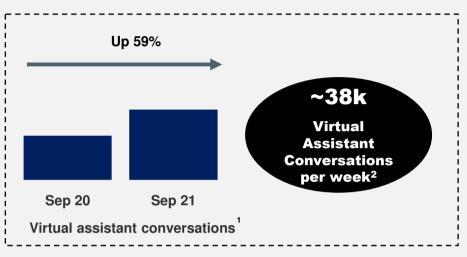


# ADDITIONAL INFORMATION

DIGITAL TRANSFORMATION, TECHNOLOGY AND INNOVATION

# SIMPLIFYING, DIGITISING AND INNOVATING

### NAB



1300:1

Ratio of payments now executed digitally v/s in branch

65%

Of simple consumer sales via digital<sup>3</sup>



Continued network simplification and modernisation to reflect customer needs

13%

YoY Reduction in Branches and BBCs ~3,500

Australia Post outlets serving customers

### BNZ



Decommissioned all cheques, paper payments and FX cash



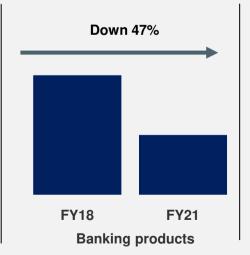
Continued network simplification – **Reduced data centre footprint** reducing risk and cost



 >50% of all home lending rollovers, lump sum payments and change repayment events now digital



95% reduction in OTC cash deposit transactions over 5 years





BNZ awarded best bank for online banking in 2021

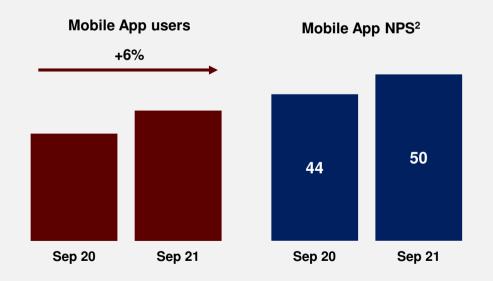
- (1) Monthly YoY growth, Sept. 20 to 21 in VA conversations
- (2) Average # of weekly contacts answered by the Virtual Assistant from July to September 2021
- (3) Simple consumer products refer to transaction accounts, savings accounts, credit cards and personal loans



## CONTINUED FOCUS ON MOBILE EXPERIENCES

### NAB APP - NEW HIGHS IN USAGE AND NPS

- 80% of all Simple Home Loan modifications done via the NAB App (up from 52% at Sep 2020)
- 6% increase in digital payment value<sup>1</sup>, and a 13% increase in mobile payment value
- First bank to integrate with Slyp to provide a digital smart receipting capability –
   2021 Canstar Innovation Excellence Award winner



### IMPROVED FUNCTIONALITY IN NABTRADE APP

- Significant investment to improve app functionality in FY21
- >40% of customer interactions on nabtrade now via app
- · Now among top rated investment apps in Australia



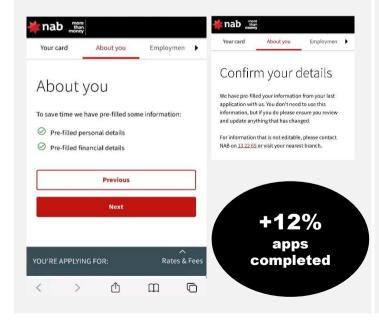
- (1) Digital includes desktop Internet Banking and the Mobile App. Figures compare monthly activity Sep 20 to Sep 21
- (2) Internal measure of NPS, calculated on a 26 week rolling average. Net Promotor® and NPS® are registered trademarks and Net Promotor Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld
- (3) Increase from 1 Oct 2020 to 30 Sep 2021



## ENHANCED UNSECURED PROPOSITION

### SIMPLIFYING EVERYDAY BANKING

- Debit cards added to 3rd party wallets (including Apple Pay) without the need to wait for a physical card
- Cards and personal loan applications can now be completed without reauthenticating and with pre-filled data, increasing conversion rates



### NAB BUSINESS CREDIT CARDS

Partnership with EedenBull allows NAB business card customers to have more control and oversight of expenses



- Visibility of all transactions and receipts on single dashboard
- Real time expense capture and categorisation
- Integration with existing accounting platforms

### STRAIGHTUP CARD

 Launched the NAB StraightUp Card in 2H20, Australia's first no-interest credit card



NAB's most popular credit card product

30%

of NAB's credit card applications in FY21

Millennial appeal

37%

More applicants under 35 years old vs other cards



## INNOVATING WITH NAB VENTURES

### NAB Ventures is NAB's venture capital arm that makes investments to promote strategic priorities

- NAB Ventures work alongside other parts of the bank, incubating and testing innovative new customer propositions and leveraging new developments in technology
- Manages over 20 investments spread across ten themes of innovation

#### **Innovation Themes**

#### **Open Data & Data Driven** Personalisation

#### **SME Banking and Merchants**

#### **Payments innovation**

#### Banking as a service

#### **New to Banking Market**

#### **Embedded Finance**

Simplified Lending and everyday banking experiences

#### Carbon and the Environment

#### Security & ID

#### **Tokenisation**

#### Investments announced since 30 Sep 2020

#### Spriggy

**Spriggy** provides a mobile-first pocket money app for managing family finances. NAB Ventures was the lead investor in Spriggy's most recent \$35m capital raising



Archistar is an Al-driven, cloud-based property intelligence platform that enables enterprise clients to understand and model numerous compliant, property development outcomes

#### bugcrowd

**Bugcrowd** provides a platform and service for organisations to access trusted and highly skilled security researchers to identify bugs and security vulnerabilities, to protect their business



BioCatch develops behavioural biometric technology for use in identity authentication and fraud detection.

#### **Follow on Investments**



Slyp is a digital receipting company enabling Slup banks to embedded receipts in banking app with rich data, relevant merchant offers and lovalty



Lighter Capital provides revenue-based financing to technology companies.



Edstart works with our Education clients customers' to offer financing for private school fees with a mission of supporting access to learning and providing reassurance to families.

STASH

Stash has developed a mobile-first platform for personal finance including investing, banking, insurance and financial literacy



Hometime provides a short-term rental management services (co-hosting) platform for Airbnb property owners



Figured is a farm financial management software company that aims to help farmers better manage the profitability and productivity of their farming operations

# OUR TECHNOLOGY TRANSFORMATION UNDERPINS EXECUTION OF OUR STRATEGY

### **KEY AREAS OF FOCUS**

### 3 YEAR ACHIEVEMENTS<sup>1</sup>

Leverage the Cloud, Microservices and APIs • 54% of total apps<sup>2</sup> now running on the cloud and targeting 80% – greater flexibility and reliability



Built >300 microservices and >2,500 APIs – increasing efficiency of new feature delivery

- · 11
- Reduced the number of applications by 13%3 reduced complexity
  - Simplified and modernised workplace technology for colleagues
  - 87% reduction in High and Critical rated incidents<sup>4</sup> significantly less customer impacts



**Embracing Data & Analytics** 

Simplify legacy technology

• Delivered numerous machine learning use cases for processes such as voice analytics & compliance, customer complaints, fraud and insider crime detection, customer retention, financial difficulty support, and credit decisioning



World class cyber security

- · Kept losses broadly stable despite significant surge in attempted fraud
- Achieved a 18% increase in NIST<sup>5</sup> score improved capability to protect customers



**Culture of high speed delivery** 

- Significant reduction in average time to deliver change
- 32% improvement in technology productivity<sup>6</sup>



Insourcing key technology functions & uplifting skills

- Insourcing of major contracts mostly completed, or winding down. Workforce now 68% insourced from 30%
- >2,700 industry recognised cloud certifications (#1 in Australia for AWS & Azure for non-cloud companies)



Investment in technology has generated clear benefits and underpins cost & revenue momentum going forward

Cost reduction

NPS<sup>7</sup> increase

Improved resilience

Faster time to market

Safe growth

Uplifting colleague skills

- 1. Using October 2018 as the baseline
- 2. Application count is based on full application set, regardless of technical platform
- Reduction calculated on a like for like basis, excluding acquired or divested businesses
- 4. Incidents include NAB and BNZ, using FY17 as baseline

- The NIST Cybersecurity Framework provides guidance for how organisations can assess and improve their ability to prevent, detect, and respond to cyber attacks.
- 6. Based on the improvement in delivery velocity, as measured by story points delivered
- Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld



## IMPROVED WORKPLACE TECHNOLOGY FOR COLLEAGUES

### 2018

Outsourced – Rigid delivery by 3rd parties 30% internal workforce Average 10-15min logon;
Multiple aged versions of Windows

Three browsers, multiple versions required to access apps

<3,500 token based remote access capacity Audio conference only on desk phones; Limited video rooms available Legacy on-premise collaboration, email, share drives and Lync messaging Service Desk: slow, limited responsiveness and poor customer satisfaction



Outsourced to Insourced



Windows Upgrade



Simple Browsing



Remote Access for Everyone



Easy Audio and Video Conferencing



Collaborate Wherever you are



Faster and Better Tech Support

Insourced – 68% internal workforce driving improved service & stability, and reduced cost <10 sec biometric logon; 100% desktops on Windows 10; Windows 11 pilot begins Q1; Microsoft Technology Adoption Pilot partner

One version of a single browser for all apps

Seamless "Always on" remote access for 100% of NAB colleagues, no tokens

Video / Audio on all colleague laptops; >1,000 VC rooms Evergreen cloudbased collaboration - MS Teams, Zoom, OneDrive, SharePoint

Service requests down 10%; customer satisfaction up 7%

2021

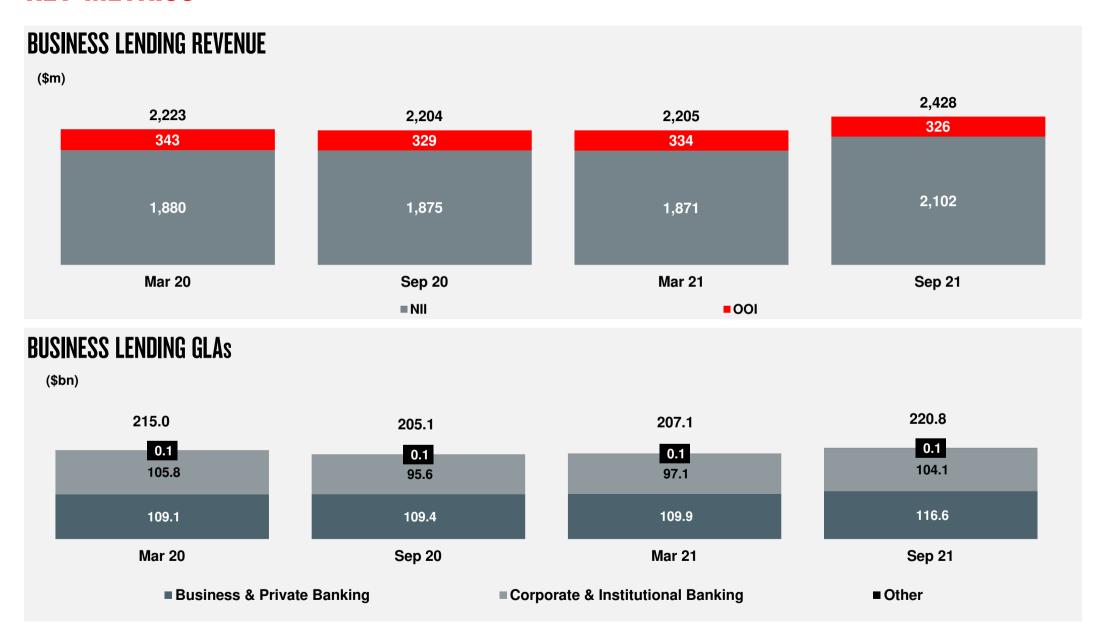




# **ADDITIONAL INFORMATION**

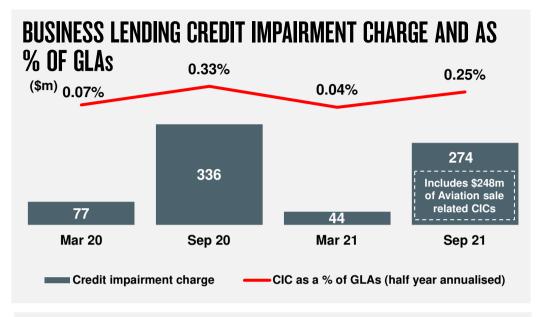
**AUSTRALIAN BUSINESS LENDING** 

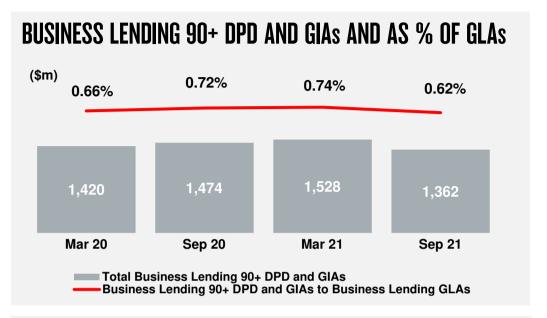
# **KEY METRICS**



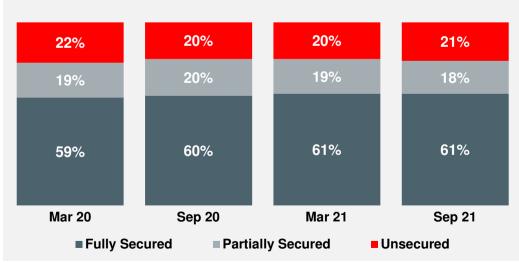


# **BUSINESS LENDING ASSET QUALITY**

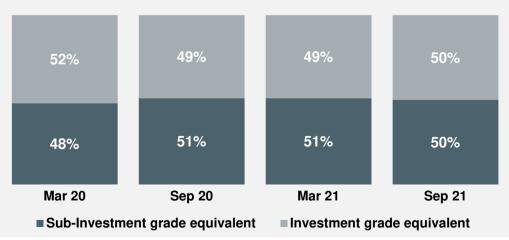




### TOTAL BUSINESS LENDING SECURITY PROFILE<sup>1</sup>



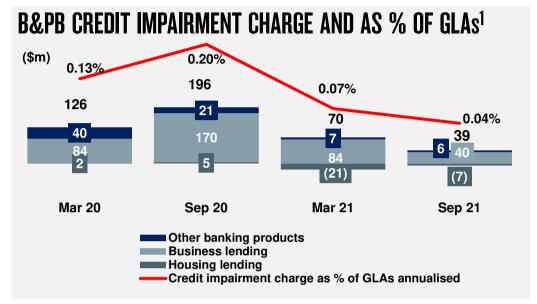
### **BUSINESS LENDING PORTFOLIO QUALITY**

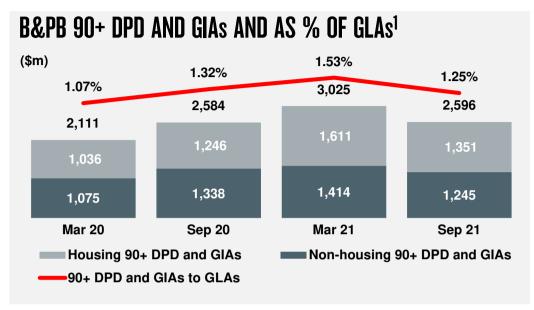


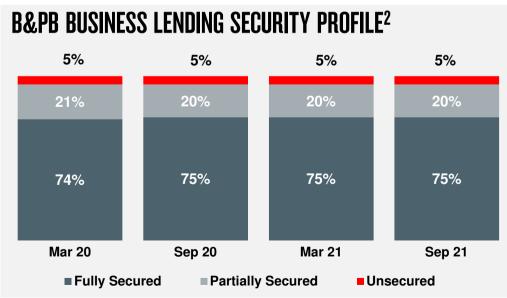
<sup>(1)</sup> Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security

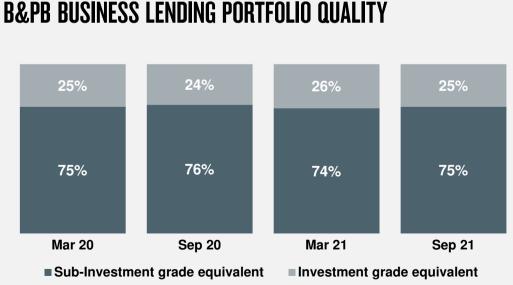


### **BUSINESS & PRIVATE BANKING ASSET QUALITY**









<sup>(1)</sup> B&PB credit impairment charges and 90+ DPD and GIAs reflect the total B&PB portfolio including mortgages

Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security

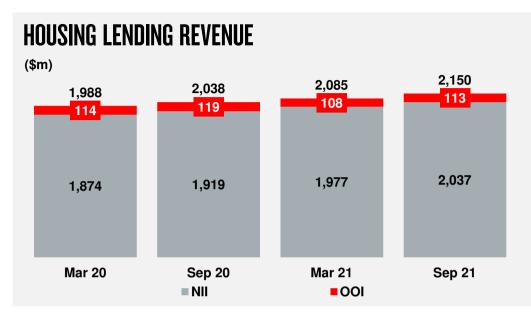


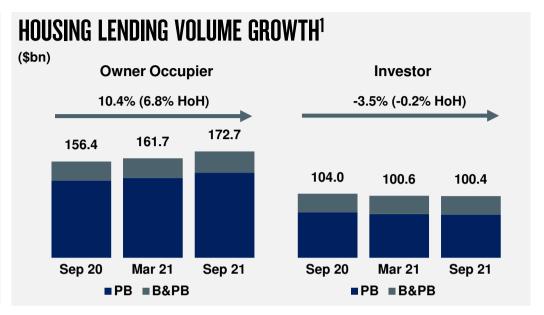


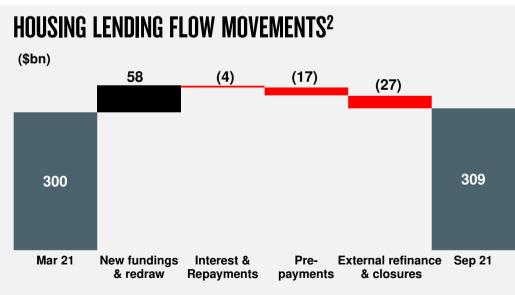
# ADDITIONAL INFORMATION

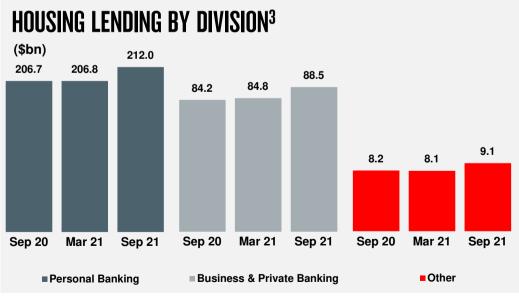
**AUSTRALIAN HOUSING LENDING** 

## HOUSING LENDING PORTFOLIO PROFILE





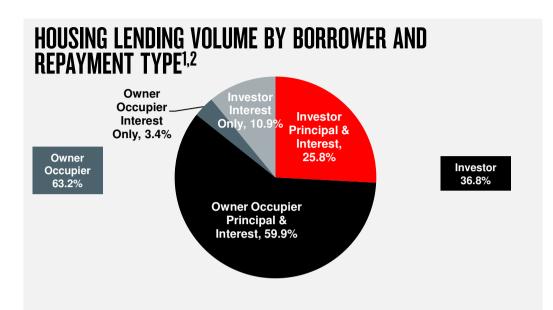


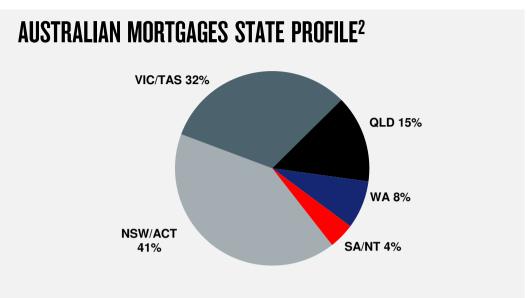


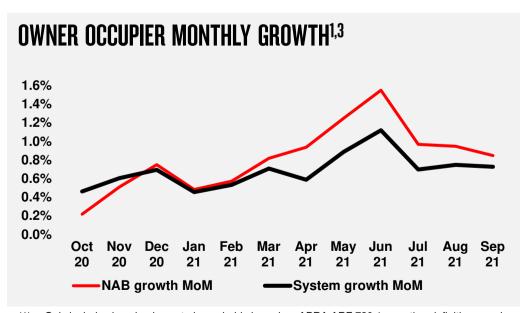
- (1) APRA Monthly Authorised Deposit-taking Institution statistics September 2021. UBank and 86 400 included in Personal Banking
- (2) Excludes home loan offsets and 86 400
- (3) Other includes UBank and 86 400

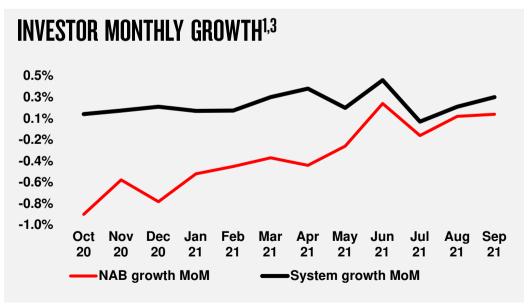


## HOUSING LENDING PORTFOLIO PROFILE





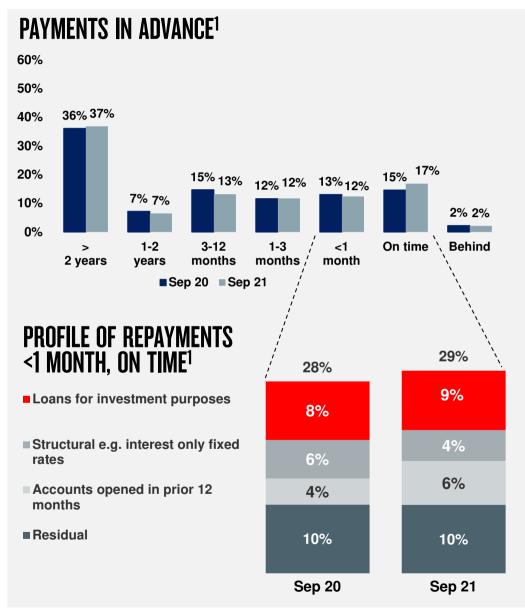


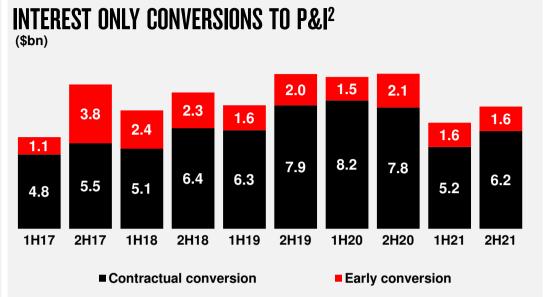


- (1) Only includes housing loans to households based on APRA ARF 720.1 reporting definitions, and excludes counterparties such as private trading corporations
- (2) Excludes 86 400
- (3) Includes 86 400 from May 2021

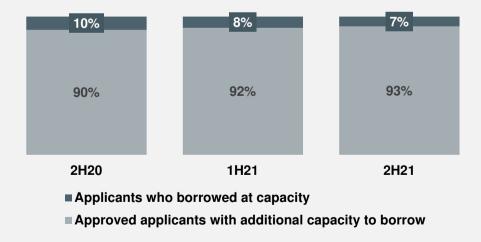


## HOUSING LENDING PORTFOLIO PROFILE





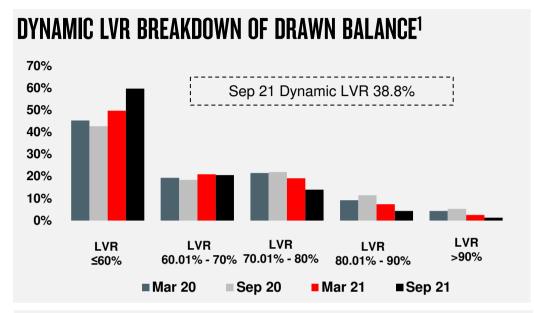
### APPROVED APPLICANTS BORROWING CAPACITY<sup>2</sup>

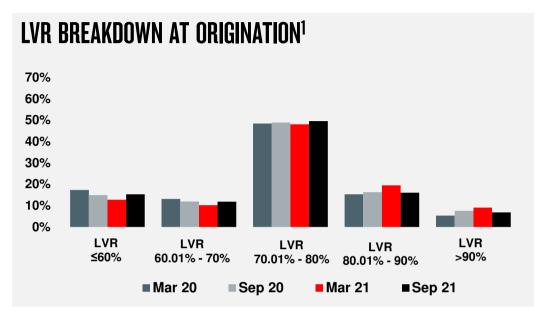


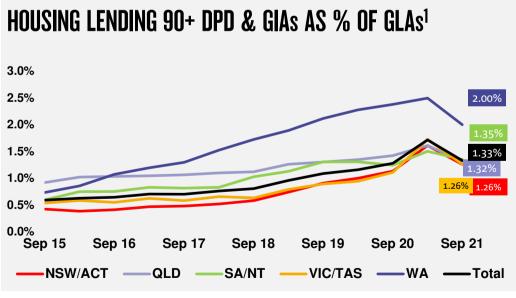
- $\hbox{(1)} \quad \hbox{By accounts. Includes offsets. Excludes Advantedge book, line of credit and 86 400 } \\$
- 2) Excludes 86 400 and Advantedge

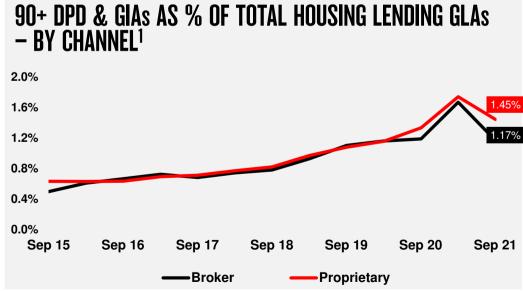


## HOUSING LENDING PORTFOLIO QUALITY









(1) Excludes 86 400



# HOUSING LENDING PRACTICES & REQUIREMENTS

KEY ORIGINATION REQUIREMENTS				
Income	<ul> <li>Income verified using a variety of documents including payslips and/or checks on salary credits into customers' accounts</li> <li>20% shading applies to less certain incomes (temporarily increased to 30% in May 2020, reduced back to 20% in November 2020)</li> </ul>			
Household expenses	Assessed using the greater of:     Customers' declared living expenses, enhanced in 2016 to break down into granular sub categories     Household Expenditure Measure (HEM) benchmark plus specific customer declared expenses (e.g. private school fees). HEM is adjusted by income and household size			
Serviceability	<ul> <li>Assess customers' ability to repay based on the higher of the customer rate plus serviceability buffer (3.0%¹) or the floor rate (4.95%)</li> <li>Assess Interest Only loans on the full remaining Principal and Interest term</li> </ul>			
Existing debt	<ul> <li>Verify using declared loan statements and assess on the higher of the customer rate plus serviceability buffer (3.0%¹) or the floor rate (4.95%)</li> <li>Assessment of customer credit cards assuming repayments of 3.8% per month of the limit</li> <li>Assessment of customer overdrafts assuming repayments of 3.8% per month of the limit</li> </ul>			

## LOAN-TO-VALUE RATIO (LVR) LIMITS

Principal & Interest – Owner Occupier	95%
Principal & Interest – Investor	90%
Interest Only – Owner Occupier	80%
Interest Only – Investor	90%
'At risk' postcodes	80%
'High risk' postcodes (e.g. mining towns)	70%

### OTHER REQUIREMENTS

- Loan-to-Income decline threshold of 7x
- Debt-to-Income decline threshold of 9x
- Lenders' mortgage insurance (LMI) applicable for majority of lending >80% LVR
- LMI for inner city investment housing >70% LVR
- Apartment size to be 50 square metres or greater (including balconies and car park)
- NAB Broker applications assessed centrally verification and credit decisioning
- Maximum Interest Only term for Owner Occupier borrowers of 5 years



<sup>(1)</sup> Serviceability buffer increased by 0.50% to 3.00% as of 1 November 2021

# HOUSING LENDING KEY METRICS<sup>1</sup>

stralian Housing Lending	Mar 20	Sep 20	Mar 21	Sep 21
	Portfolio			
Total Balances (spot) \$bn	302	299	300	309
Average loan size \$'000	309	309	310	315
- Variable rate	75.9%	71.9%	67.8%	61.3%
- Fixed rate	18.3%	22.8%	27.3%	34.4%
- Line of credit	5.8%	5.3%	4.9%	4.4%
By borrower type				
- Owner Occupied <sup>3,4</sup>	58.4%	60.1%	61.6%	63.2%
- Investor <sup>3,4</sup>	41.6%	39.9%	38.4%	36.8%
By channel				
- Proprietary	62.8%	62.2%	60.0%	58.2%
- Broker	37.2%	37.8%	40.0%	41.8%
Interest only <sup>5</sup>	17.2%	14.8%	13.6%	12.7%
Low Documentation	0.4%	0.4%	0.3%	0.3%
Offset account balance (\$bn)	30.0	32.6	33.3	33.5
LVR at origination	69.1%	69.2%	69.5%	69.6%
Dynamic LVR on a drawn balance calculated basis	44.6%	45.5%	42.3%	38.8%
Customers in advance ≥1 month <sup>6</sup> (including offset facilities)	66.5%	69.9%	69.1%	68.5%
Avg # of monthly payments in advance <sup>6</sup> (including offset facilities)	36.3	43.4	45.1	47.1
90+ days past due	1.04%	1.18%	1.61%	1.24%
Impaired loans	0.12%	0.10%	0.10%	0.10%
Specific provision coverage ratio	33.3%	35.4%	32.8%	32.3%
Loss rate <sup>7</sup>	0.02%	0.02%	0.01%	0.01%
Number of properties in possession <sup>8</sup>	268	155	113	169
HEM reliance	33%	33%	35%	33%

<sup>(1)</sup> Excludes Asia and 86 400

<sup>(8)</sup> Reduction in properties in possession in Sep 20 and Mar 21 reflects pause in legal activity due to COVID-19



<sup>(2)</sup> Drawdowns is defined as new lending excluding limit increases and redraws in the previous six month period

<sup>(3)</sup> Portfolio sourced from APRA Monthly Banking Statistics

<sup>(4)</sup> Drawdowns sourced from management data

<sup>(5)</sup> Excludes line of credit products

<sup>(6)</sup> Excludes Advantedge and line of credit

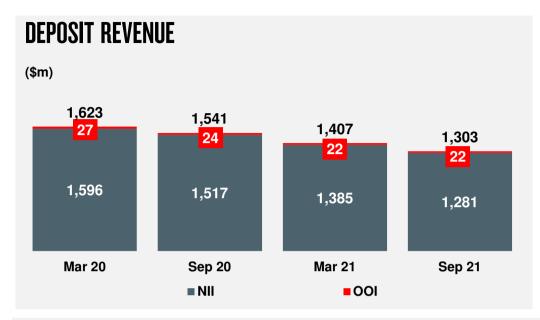
<sup>(7) 12</sup> month rolling Net Write-offs / Spot Drawn Balances

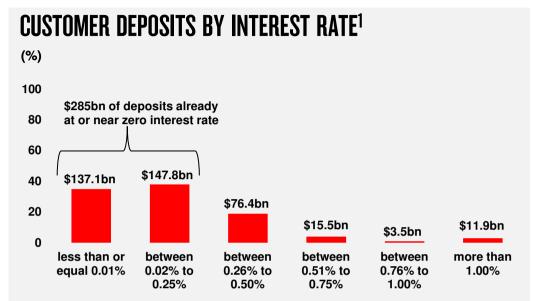


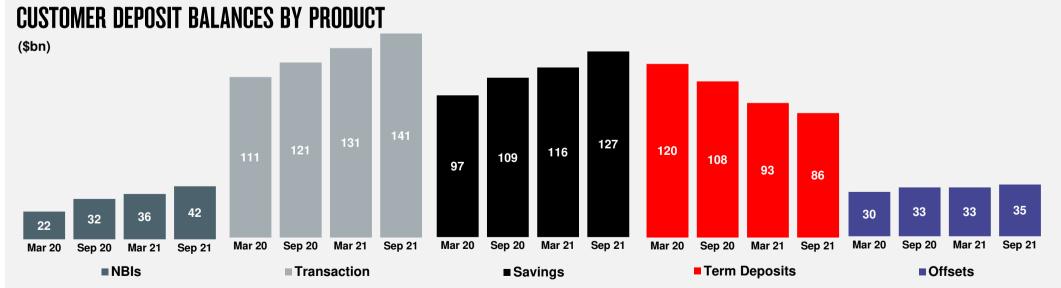
# ADDITIONAL INFORMATION

OTHER AUSTRALIAN PRODUCTS

## **DEPOSITS & TRANSACTION ACCOUNTS**



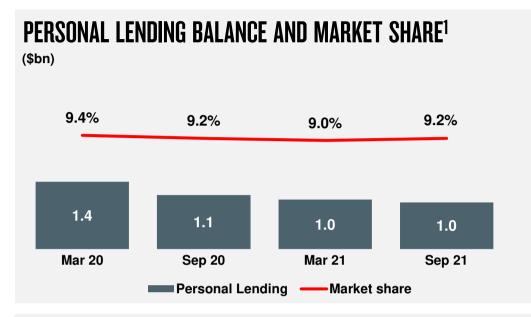


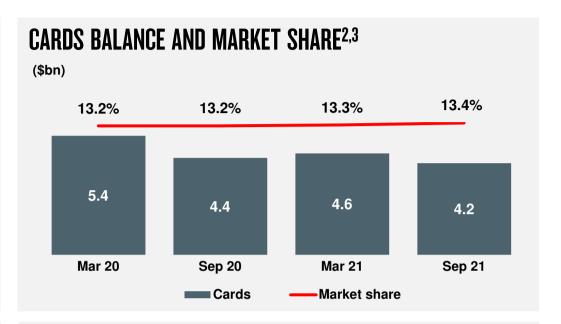


<sup>(1)</sup> Australia only, as at 30 September 2021. Customer deposits exclude home loan offsets, and set-off facilities

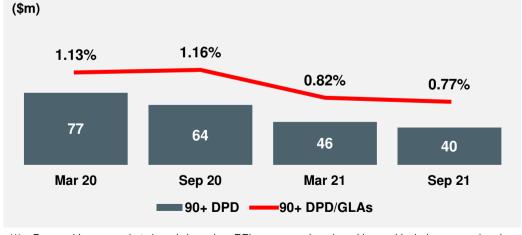


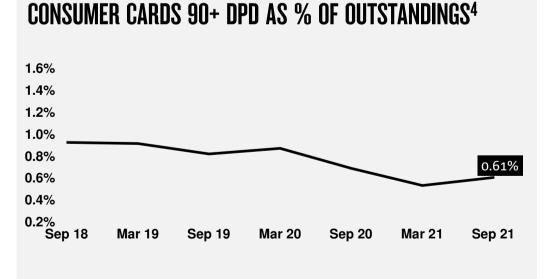
### OTHER BANKING PRODUCTS





# CARDS $^2$ and Personal Lending 90+ dPD and as % of total cards and Personal Lending glas





- (1) Personal Loans market share is based on RFI peer group benchmarking and includes secured and unsecured loans
- 2) Includes consumer and commercial cards
- 3) Market share refers to consumer cards only
- (4) Consumer Cards outstandings now reflect balances at month-end date

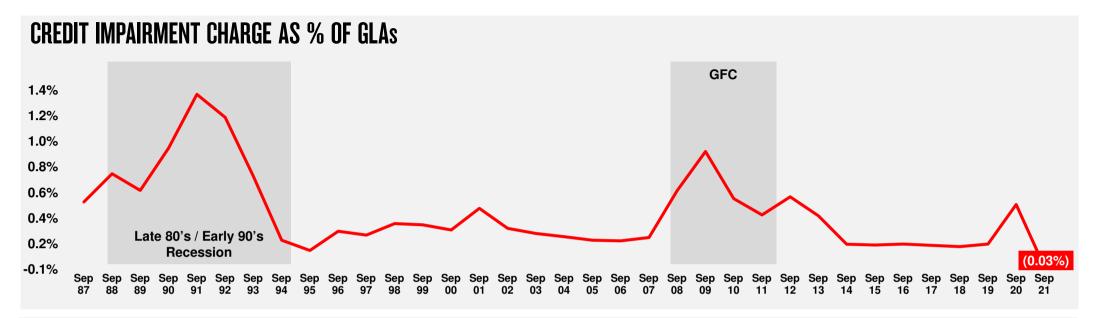




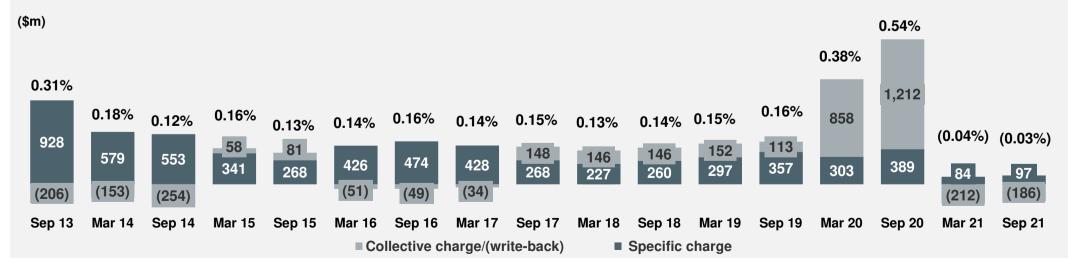
# ADDITIONAL INFORMATION

**GROUP ASSET QUALITY** 

# **GROUP CREDIT IMPAIRMENT CHARGE**



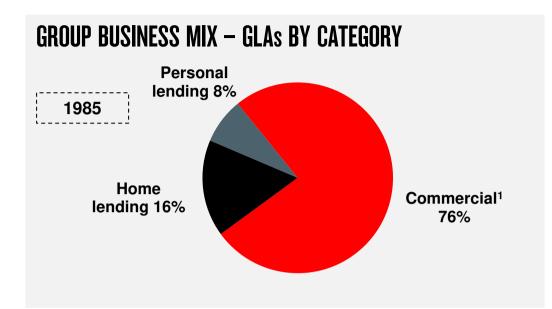


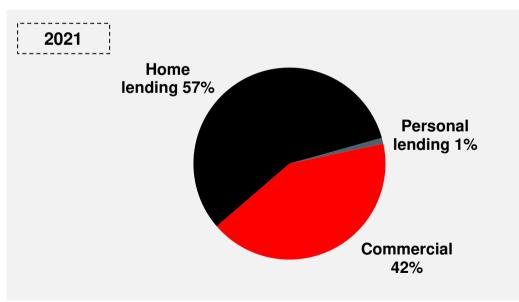


<sup>(1)</sup> Ratios for all periods refer to the half year ratio annualised



# **GROUP ESTIMATED LONG RUN LOAN LOSS RATE 1985 TO 2021**



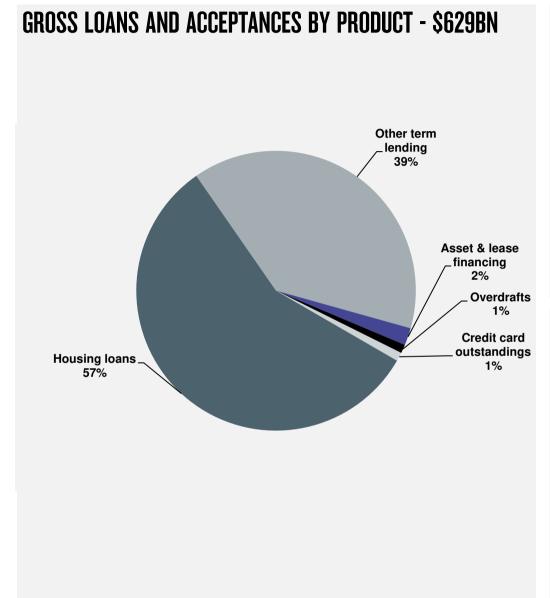


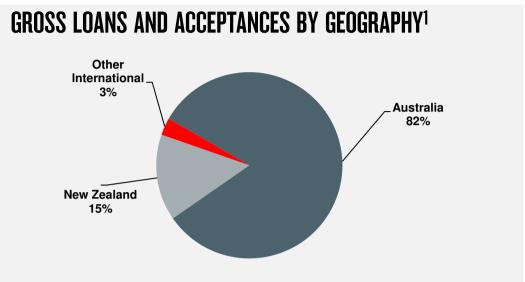
ESTIMATING LONG RUN LOAN LOSS RATE				
NAB Australian geography net write off rates as a % of GLAs 1985 - 2021 <sup>2</sup>	Long run average			
Home lending <sup>3</sup>	0.03%			
Personal lending <sup>3,4</sup>	1.56%			
Commercial <sup>3</sup>	0.52%			
Australian average (1985-2021)	0.32%			
Group average <sup>5</sup> based on 2021 business mix	0.25%			
Group average <sup>5</sup> based on 2021 business mix excluding 1991-1993 and 2008-2010	0.17%			

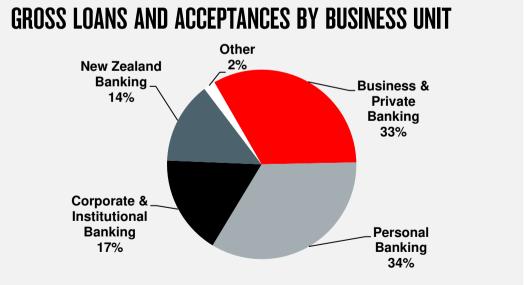
- (1) For 1985 Group business mix, all overseas GLAs are allocated to Commercial category
- (2) Data used in calculation of net write off rate as a % of GLAs is based on NAB's Australian geography and sourced from NAB's Supplemental Information Statements (2007 2020) and NAB's Annual Financial Reports (1985 2006). 2021 net write off rates is based on NAB unaudited results
- (3) Home lending represents "Real estate mortgages" category; Personal lending represents "Instalment loans to individuals and other personal lending (including credit cards)" category; Commercial represents "all other industry lending categories" as presented in the source documents as described in note 2 above
- 70 (4) Personal lending net write off rate since 2008 is above long run average of 1.56%. Average net write off rate 2008 2021 is 2.62%
  - (5) Group average is calculated by applying each of the Australian geography long run average net write off rates by product to the respective percentage of Group GLAs by product as at 30 September 2021. Commercial long run average net write off rate has been applied to acceptances



## **GROUP LENDING MIX**



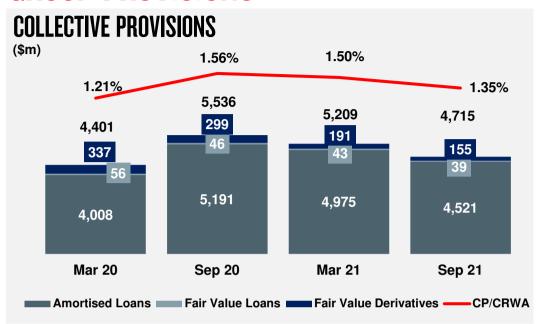


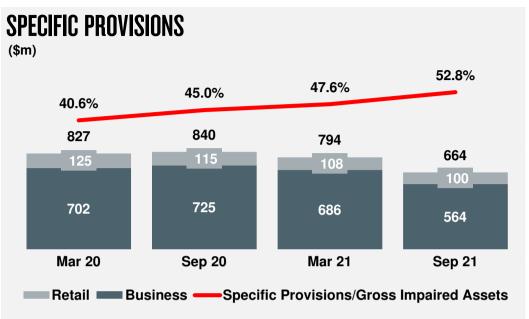


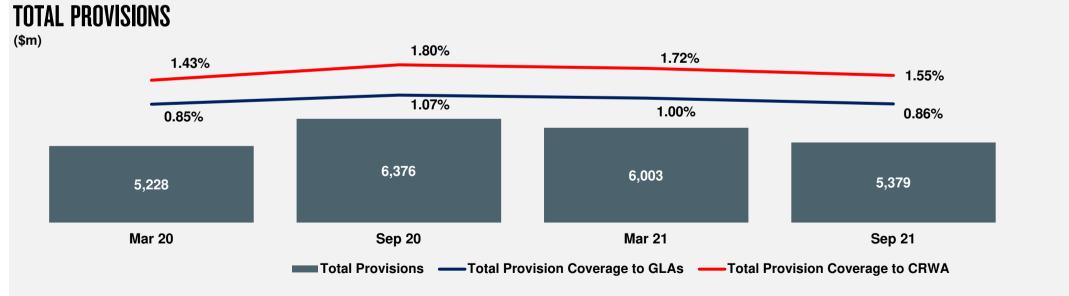


<sup>(1)</sup> Based on booking office where transactions have been recorded

## **GROUP PROVISIONS**





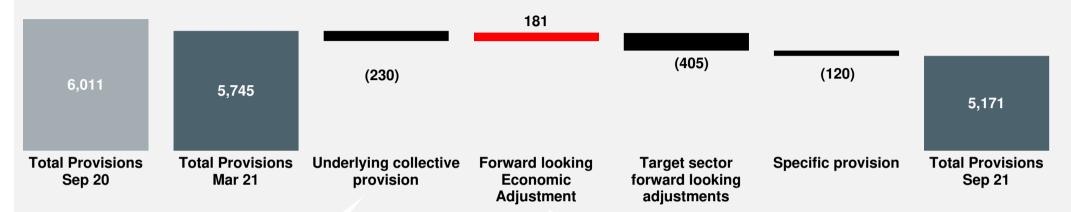




## **PROVISIONS**

### MOVEMENT IN PROVISIONS<sup>1</sup>

(\$m)



#### **UNDERLYING CP**

- Model outcomes based on point-intime data
- Forms baseline
- 2H21 release reflects improved environment and customer positions

#### **ECONOMIC ADJUSTMENT (EA)**

- Forward view of additional stress across portfolio from baseline, according to 3 probability weighted scenarios (upside, base case & downside)
- Scenarios based on forward looking macro economic data and granular PD and LGD assumptions
- EA top-up required where probability weighted EA higher over the period (and vice versa)
- 2H21 EA increase of \$181m reflects modest increased weighting to downside scenario (30% to 32.5%) given increased uncertainty in the economic outlook<sup>2</sup>

#### TARGET SECTOR FLAS

- Considers forward looking stress incremental to EA changes
- \$248m release in FLAs relating to the partial sale of the Aviation portfolio



<sup>(1)</sup> Excludes provisions on fair value loans and derivatives

<sup>(2)</sup> Australian base case weighting now 62.5% (from 65% at 1H21) and Downside weighting now 32.5% (from 30% at 1H21)

## **ECL ASSESSMENT**

#### **ECL SCENARIOS & WEIGHTINGS**

	Total Provisions for ECL <sup>1,2</sup>			
\$m	2H21 (probability weighted) 100% Base case Downsi			
Total Group	5,171	4,291	6,984	
Change vs Mar 21	(574)	(613)	(346)	

	Macro economic scenario weightings			
Australian Portfolio (%)	Upside	Base case	Downside	
31 Mar 21	5	65	30	
30 Sep 21	5	62.5	32.5	

### TOTAL PROVISIONS FOR EXPECTED CREDIT LOSSES<sup>1</sup>



#### **KEY CONSIDERATIONS**

- Reduction in ECL vs Mar 21 includes \$299m CP derecognised with aviation sale<sup>3</sup> and \$120m SP reduction due to work-outs and low levels of new impairments
- Modest underlying CP release given improved asset quality
- \$157m reduction in target sector FLAs (ex. aviation sale)
- Modest EA increase with increased uncertainty in economic outlook
- Limited change in exposures (total and mix)

#### **ECONOMIC ASSUMPTIONS**

Economic assumptions considered in deriving Base Case ECL scenario at Sep 21			
%	2022	2023	2024
GDP change (Year ended September)	5.9	2.2	2.5
Unemployment (as at 30 September)	4.5	4.0	3.8
House price change (Year ended September)	5.5	3.0	2.0

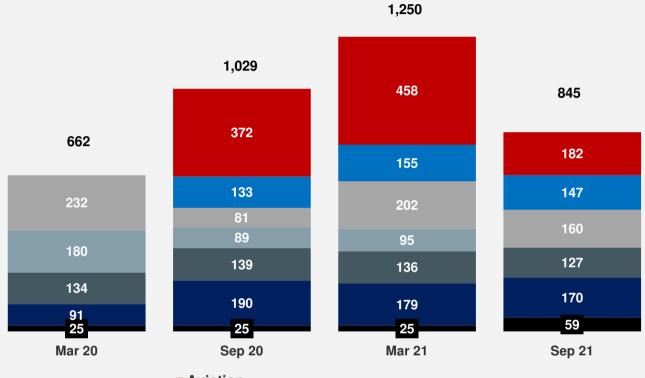
- (1) ECL excludes provisions on fair value loans and derivatives
- 2) Scenarios, prepared for purposes of informing forward looking provisions, rely on NAB Economics modelling and management judgement
- Of which \$248m relates to target sector FLAs



### TARGET SECTOR FLAS

### **COLLECTIVE PROVISION TARGET SECTOR FLAS**

(\$m)

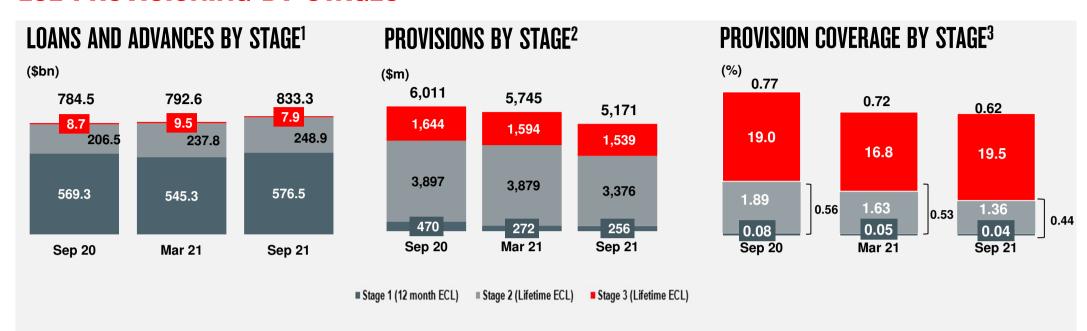


- Aviation FLA release includes \$248m as a result of the partial sale of the aviation portfolio
- \$95m release in Australian
   Agri due to improved trading conditions and outlook
- \$42m release in Australian mortgages due to the impact of house prices and lower delinquencies

- Aviation
- Australian Tourism, Hospitality and Entertainment
- Australian Mortgages
- Australian Agri
- Australian Retail Trade
- **■** Commercial Property
- Other



## **ECL PROVISIONING BY STAGES**



	Status	Type of provision
Stage 1 (12 month ECL)	Credit risk not increased significantly since initial recognition; performing	Collective
Stage 2 (Lifetime ECL)	Credit risk increased significantly since initial recognition but not credit impaired	Collective
Stage 3 (Lifetime ECL)	Credit impaired: default no loss Credit impaired: default with loss	Collective Specific

- Significant increase in credit risk determined by change in credit risk scores for business exposures and change in behavioural scoring outcomes for retail exposures. These rules are not prescribed by accounting standards
- No automatic migration from stage 1 to stage 2 as a result of COVID-19 repayment deferrals; migration assumptions included in forward looking adjustments
- Stage 2 includes majority of forward looking adjustments



<sup>(1)</sup> Notional staging of loans and advances including contingent liabilities and credit-related commitments, incorporates forward looking stress applied in the ECL model

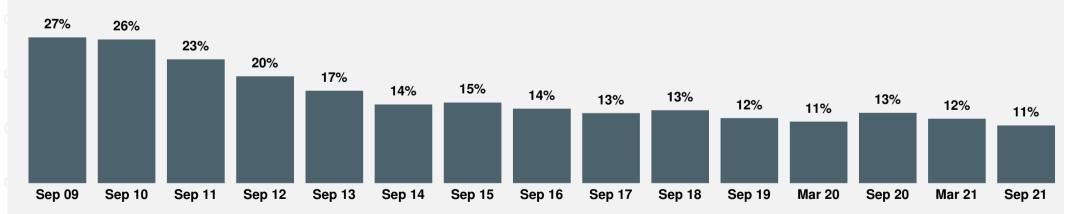
<sup>(2)</sup> Excludes collective provision on loans at fair value and derivatives which are not allocated to a stage under the ECL model

<sup>3)</sup> Provision coverage: provisions as a percentage of loans and advances including contingent liabilities and credit-related commitments

# PROBABILITY OF DEFAULT (PD) ANALYSIS

#### NON RETAIL CORPORATE EAD1 BY PROBABILITY OF DEFAULT Default Sub investment grade **Investment grade** (\$bn) 1% Sep 21 39% Sep 21 60% Sep 21 120 100 80 60 40 20 0 0.03<0.11% 0.11<0.55% 2.00<5.01% 5.01<99.99% 100% 0<0.03% 0.55<2.00% ■ Mar 20 ■ Sep 20 ■ Mar 21 ■ Sep 21

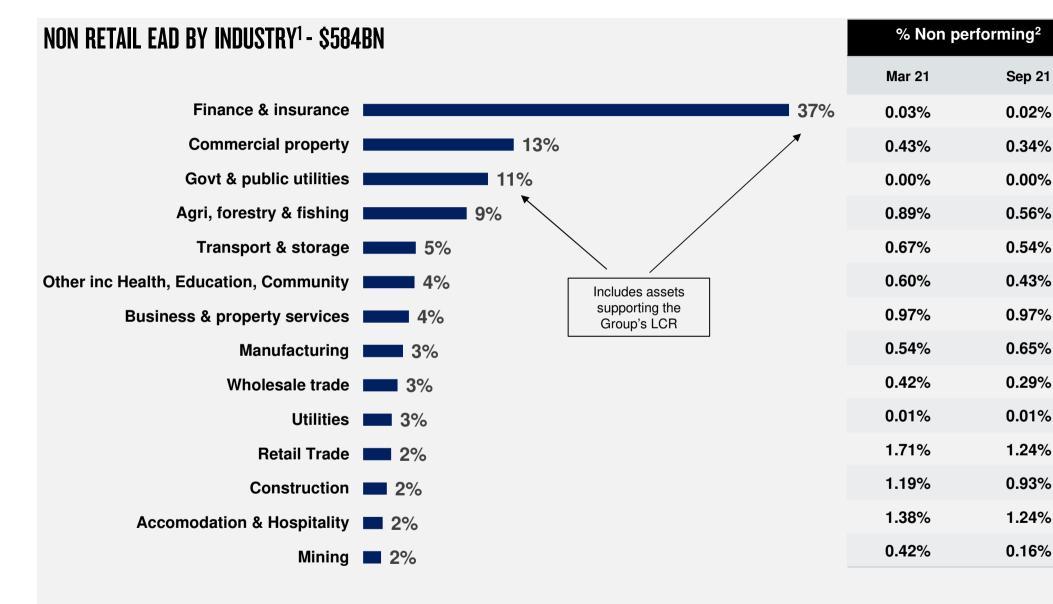
### AUSTRALIAN AND NEW ZEALAND BUSINESS EXPOSURES PD $\geq$ 2%



(1) For internal ratings based portfolios. Excluding Bank and Sovereign exposures. Total \$285bn at Sep 21, \$269bn at Mar 21, \$266bn at Sep 20 and \$283bn at Mar 20



## NON RETAIL INDUSTRY SECTOR ANALYSIS



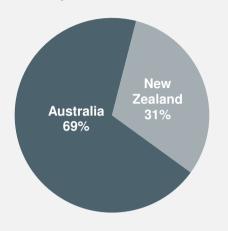
<sup>(1)</sup> Industry classifications are aligned to those disclosed in the 30 September 2021 Pillar 3 report – Table 5.1D



<sup>(2)</sup> Non performing reflects exposures which are 90+ DPD or Impaired

# **GROUP AGRICULTURE, FORESTRY & FISHING EXPOSURES**

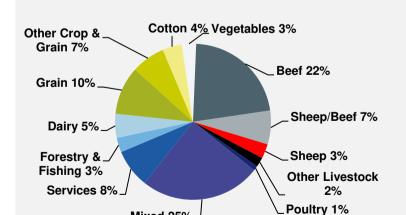
#### **GROUP EAD \$52.8BN SEPTEMBER 2021**



#### **KEY CONSIDERATIONS**

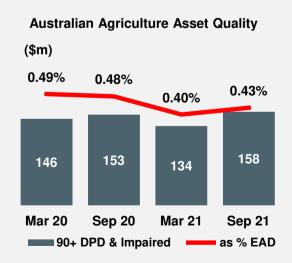
- Sector outlook continues to improve, with favourable weather conditions, higher than predicted commodity prices and minimal impact from ongoing China trade tensions
- Portfolio asset quality remains robust, benefitting from favourable external conditions

### **AUSTRALIAN AGRICULTURE, FORESTRY & FISHING**

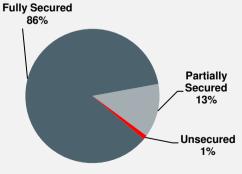


Mixed 25%

Diverse Portfolio EAD \$36.6bn Sep 21







(1) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security



# **GROUP COMMERCIAL REAL ESTATE**<sup>1</sup>

Aust

53.2

2.0

10.3%

### **GROSS LOANS & ACCEPTANCES**

TOTAL CRE (A\$bn)

Sep 20 (A\$bn)

Increase/(decrease) from

% of geographical GLAs

Change in % from Sep 20

New Zealand	Total
7.6	60.8
0.1	2.1

9.7%

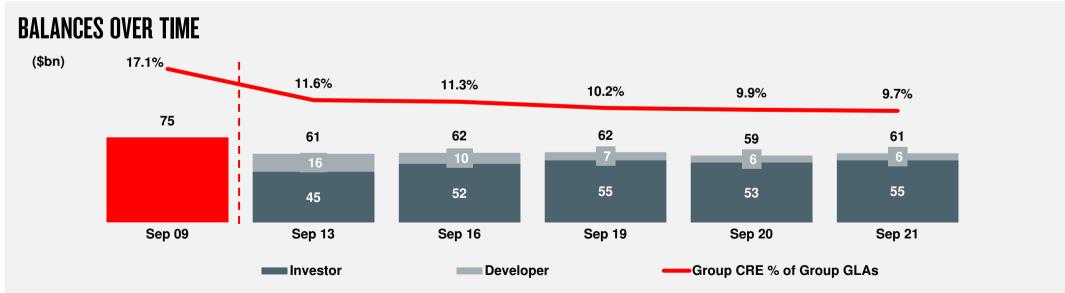
(0.2%)

8.4%

(0.7%)

### **ASSET QUALITY**

Trend	Mar 19	Sep 19	Mar 20	Sep 20	Mar 21	Sep 21
Impaired loans ratio	0.22%	0.25%	0.26%	0.32%	0.30%	0.19%
Specific Provision Coverage	34.4%	31.9%	32.2%	39.9%	39.2%	44.6%



<sup>(1)</sup> Measured as balance outstanding as at 30 September 2021 per APRA Commercial Property ARF 230 definitions



# **GROUP COMMERCIAL REAL ESTATE**<sup>1</sup>

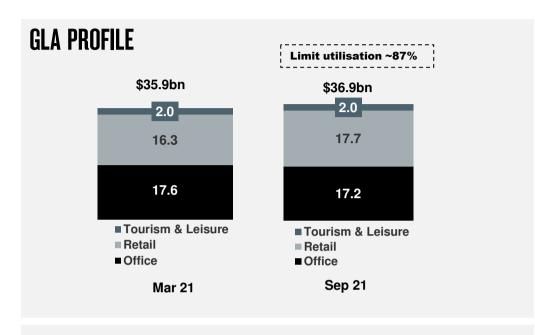
### BREAKDOWN BY TOTAL GROSS LOANS & ACCEPTANCES (\$60.8BN)

#### Geographic breakdown Borrower breakdown Sector breakdown QLD Retail 14% Residential 29% WA 11% VIC 25% SA Investor 5% 90% Industrial **Tourism** Other 17% & Leisure \_/ **Australia** Developer 4% 3% 10% Other 7% **New Zealand** Office Land NSW 13% 28% 5% 34% **Developer includes \$1.1bn for land** development and \$2.1bn for residential development in **Australia**

(1) Measured as balance outstanding as at 30 September 2021 per APRA Commercial Property ARF 230 definitions



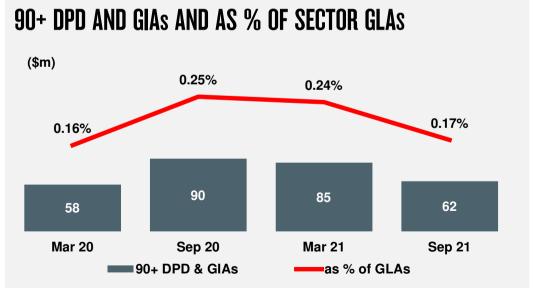
# GROUP OFFICE, RETAIL, TOURISM & LEISURE COMMERCIAL REAL ESTATE<sup>1</sup>



#### **KEY CONSIDERATIONS**

- Office, Retail and Tourism & Leisure (T&L) viewed as most impacted by COVID-19 across Group CRE portfolio
- Office faces medium term uncertainties, dependent on extent and timing of return-to-work and asset-specific lease expiries; ~44% of Australian balances CBD-based (of which ~88% C&I)
- Market liquidity and well supported valuations for Retail assets with stronger bias to non-discretionary tenants; T&L to benefit from increasing vaccination rates and lifting of restrictions
- CBD-based Retail and T&L assets impacted by lockdowns given low office occupancy and closed borders: ~6% of Australian Retail balances (of which ~50% C&I); minority of Australian T&L balances

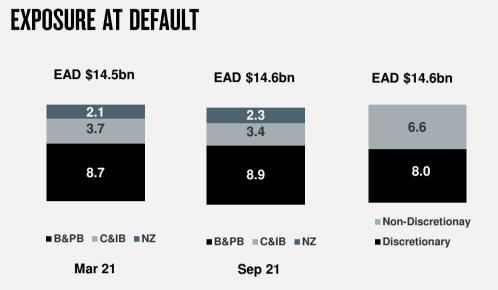
#### PORTFOLIO CHARACTERISTICS<sup>1</sup> Geographic breakdown Portfolio security<sup>2</sup> WA 4% SA 5% **Fully** secured Vic New **Partially** 25% 90% Zealand secured 12% NSW Unsecured Other 35% 5% Borrower breakdown: Investor 96%, Developer 4%



- (1) Measured as balance outstanding as at 30 September 2021 per APRA Commercial Property ARF230 definitions
- 2) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security. Unsecured proportion represents Institutional exposures that are weighted towards listed A-REITs and wholesale funds which are lowly geared and exhibit strong debt servicing.

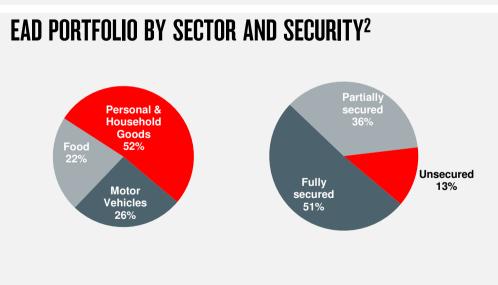


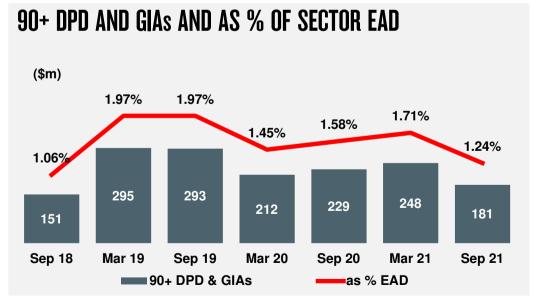
## RETAIL TRADE<sup>1</sup>



### **KEY CONSIDERATIONS**

- Notwithstanding challenges pre COVID-19, the Retail Trade sector performed relatively well during lockdowns as consumers continued spending, but impacts have been uneven across segments
- Full impact of COVID-19 on the Retail industry not yet fully played out, given unprecedented levels of government and bank support
- Retail Trade portfolio COVID-19 impacts mixed:
  - ~46% is non-discretionary with more limited COVID-19 impacts
  - ~11% of B&PB exposure is CBD located

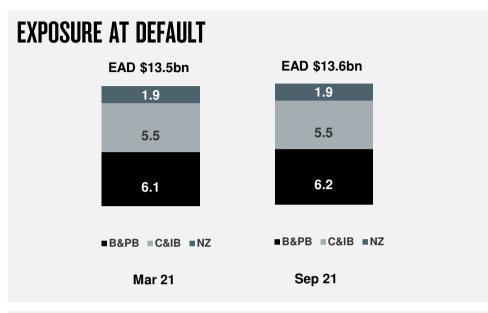




- (1) Retail Trade is aligned to Regulatory Industry Classifications. Discretionary / Non-discretionary Retail Trade determined at an individual ANZSIC code level
- (2) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security

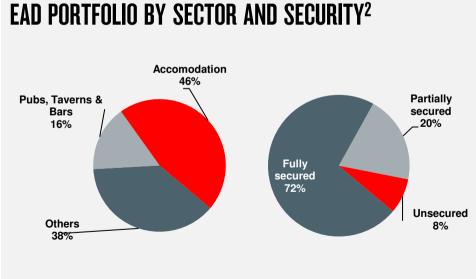


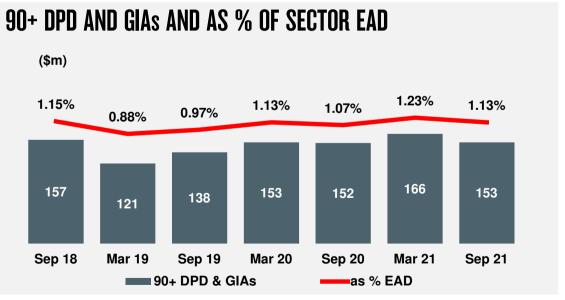
# TOURISM, HOSPITALITY AND ENTERTAINMENT<sup>1</sup>



#### **KEY CONSIDERATIONS**

- Industry outlook for Hospitality & Entertainment sectors continues to improve, reflecting growing confidence in COVID-19 tracking, controls and immunisation levels; Tourism and Accommodation sectors exposed to international visitors continue to face uncertainties
- Prior resurgence in regional TH&E activities has stalled given lockdowns and domestic border closures
- Extent of COVID-19 impacts dependent on location. ~19% of B&PB portfolio is in CBD and has seen a significant drop in activity given lockdowns and WFH

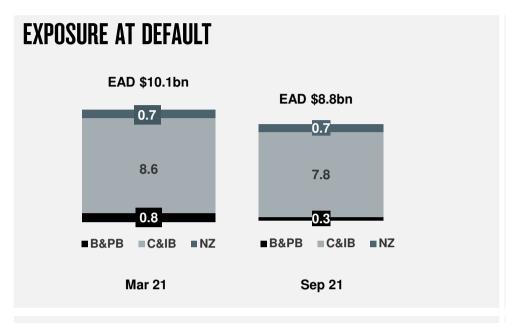




- (1) Tourism, hospitality and entertainment include regulatory industry classification of accommodation and hospitality, plus cultural and recreational services
  - 2) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security

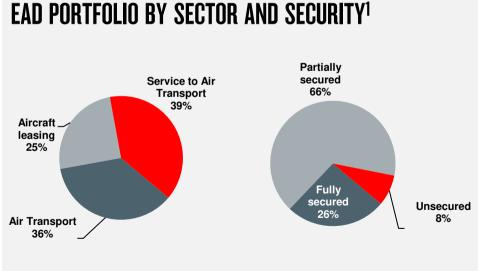


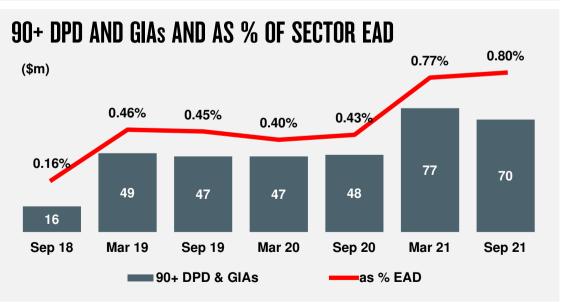
### AIR TRAVEL AND RELATED SERVICES



#### **KEY CONSIDERATIONS**

- ~2% of non retail EAD
- Portfolio comprises airlines which are usually national carriers and sovereign owned, airports, lessors and service companies supporting the aviation industry
- Ongoing disruption caused by COVID-19 related travel restrictions, with length and severity unknown; sovereign support and access to capital markets continues
- EAD reduction driven by sale of part of the aviation portfolio





(1) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security

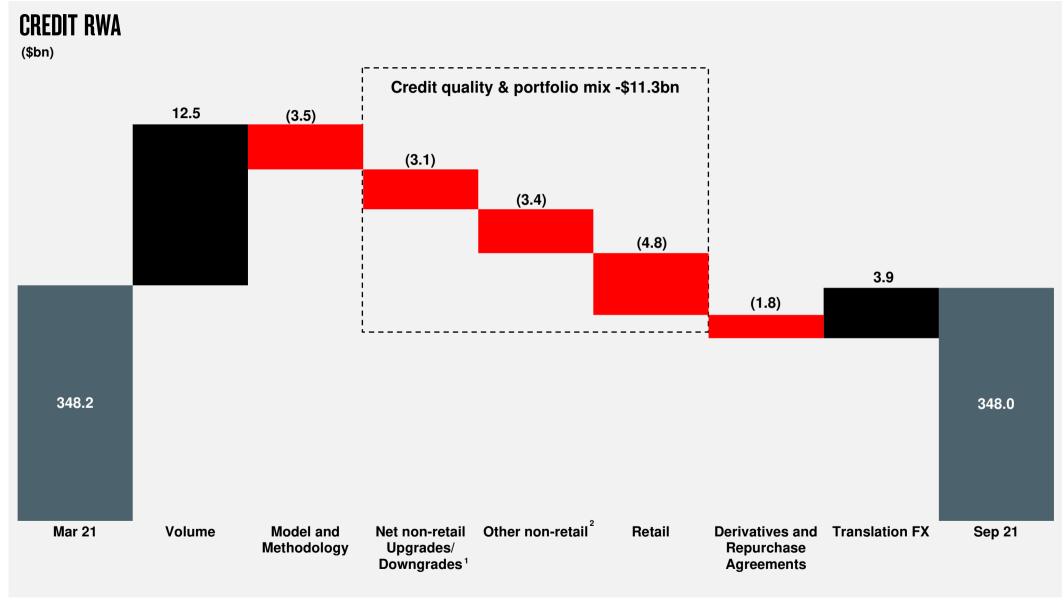




# ADDITIONAL INFORMATION

CAPITAL & FUNDING

# **CREDIT RISK WEIGHTED ASSETS**

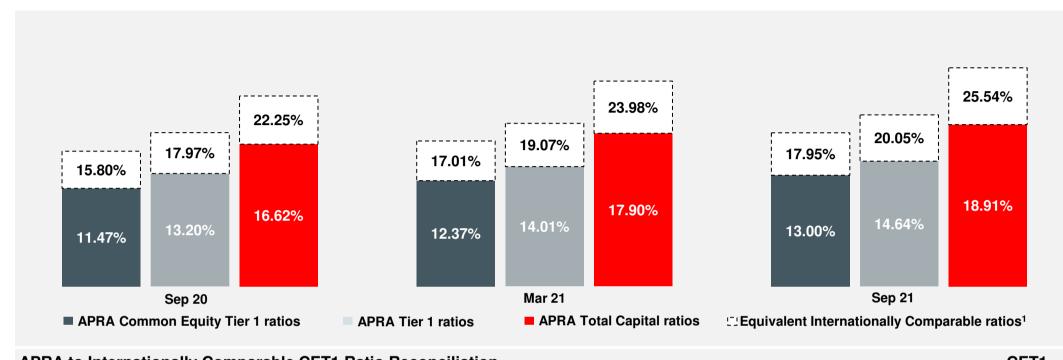


<sup>(1)</sup> Includes SME overlay release (-\$1.4bn)



<sup>(2)</sup> Includes changes in quality, portfolio mix and maturity

# **GROUP BASEL III CAPITAL RATIOS**



APRA to Internationally Comparable CET1 Ratio Reconciliation	CET1
Group CET1 ratio under APRA	13.00%
APRA's Basel capital adequacy standards require a 100% deduction from common equity for deferred tax assets, investments in non-consolidated subsidiaries and equity investments. Under Basel Committee on Banking Supervision (BCBS) such items are concessionally risk weighted if they fall below prescribed thresholds	+68bps
Mortgages – reduction in loss given default floor from 20% to 15% and adjustment for correlation factor	+194bps
Interest rate risk in the banking book (IRRBB) – removal of IRRBB risk weighted assets from Pillar 1 capital requirements	+49bps
Other adjustments including corporate lending adjustments and treatment of specialised lending	+184bps
Group Internationally Comparable CET1	17.95%

<sup>(1)</sup> Internationally Comparable CET1 ratios align with the APRA study entitled "International capital comparison study" released on 13 July 2015



## KEY REGULATORY CHANGES IMPACTING CAPITAL AND FUNDING

Change	1HCY21	2HCY21	CY22	CY23	CY24	CY25
Capital Adequacy (APS 110)	Consult	Finalise		Implementation		
Measurement of Capital (APS 111)	Consult	Finalised	Implementation			
Credit Risk (APS 112/113)	Consult	Finalise		Implementation		
Operational Risk (APS 115) <sup>1</sup>				Implementation		
Market Risk (APS 116)			Consult	Finalise		Implementation
Counterparty Credit Risk (APS 180)			Consult	Finalise		Implementation
Interest Rate Risk in the Banking Book (APS 117)			Finalise		Implementation	
Public Disclosures (APS 330)			Consult/Finalise		Implementation	
Credit Risk Management (APS 220)		Finalise	Implementation			
Loss-Absorbing Capacity					Implementation	
Remuneration (CPS 511)		Finalised		Implementation		
Recovery and Resolution		Consult	Finalise	Implementation		

#### APRA'S REVISIONS TO ADI CAPITAL FRAMEWORK

- Revisions follow the 2017 APRA benchmark of 'unquestionably strong' capital ratios and APRA's discussion paper on 'a more flexible and resilient capital framework for ADIs' released in December 2020
- Final prudential standards expected in November 2021, with implementation from 1 January 2023
- Overall level of capital in the system is expected to be broadly unchanged
- Interim reporting requirements to be finalised throughout 2022 and final reporting standards to be released in 2024

#### **APRA FUNDING & LIQUIDITY CHANGES**

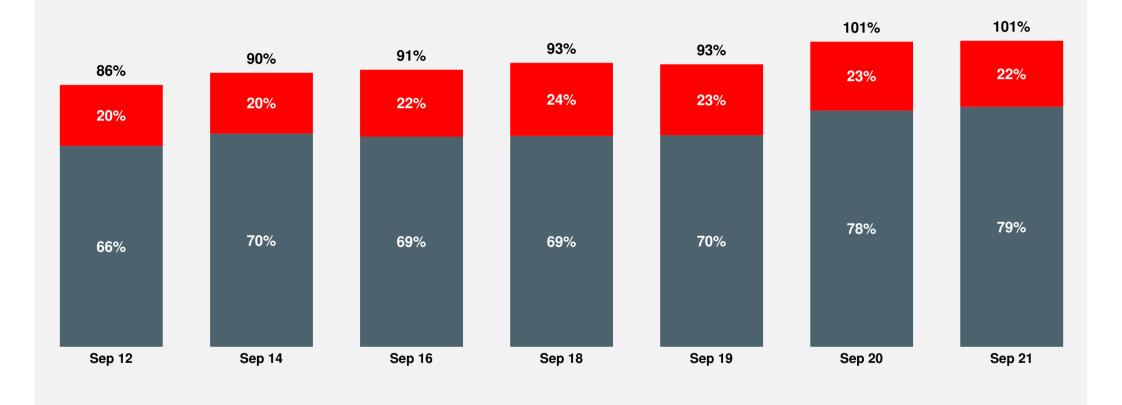
- In September 2021, APRA announced the phasing out of the RBA's Committed Liquidity Facility (CLF) to zero by the end of December 2022 subject to market conditions. The CLF reduction is expected to be offset by ADIs increasing holdings of HQLA
- APRA is consulting on requiring ADIs subject to LCR requirements to hold unencumbered self-securitised assets equal to 30% of LCR Net Cash Outflows



<sup>(1)</sup> APRA has provided the option to banks using the Advanced Measurement Approach to implement APS 115 from 1 January 2022

## **FUNDING PROFILE**

### **GROUP STABLE FUNDING INDEX (SFI)**<sup>1</sup>



■Term Funding Index

**■ Customer Funding Index** 



<sup>(1)</sup> The Group Stable Funding Index (SFI) is the sum of the Customer Funding Index (CFI) and Term Funding Index (TFI). CFI is measured as customer deposits (excluding certain short dated institutional deposits used to fund liquid assets) as a percentage of core assets. TFI is measured as term wholesale funding (with remaining maturity to first call date greater than 12 months), including Term Funding Facility (TFF) and RBNZ funding facility drawdowns, as a percentage of the core assets.

### **LOSS-ABSORBING CAPACITY**

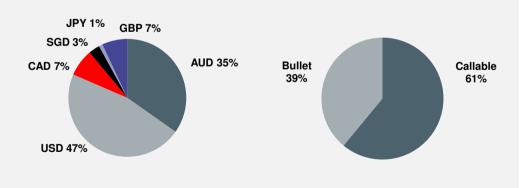
#### LOSS-ABSORBING CAPACITY

- Based on the Group's RWA and Total Capital position as at 30 September 2021, the incremental Group Total Capital requirement prior to January 2024 is approximately \$3.0bn
- \$1.8bn of surplus provisions are eligible for inclusion in Tier 2 Capital
- \$1.5bn of NAB's existing Tier 2 Capital has optional redemption dates prior to January 2024<sup>1</sup>

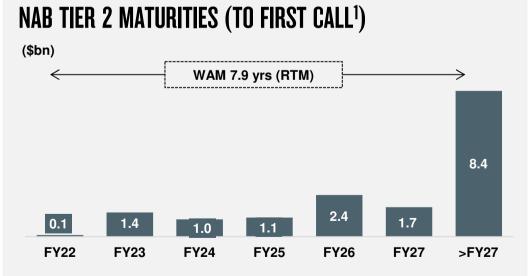
	Sep-21 (\$bn)
Group RWA	417.2
Tier 2 Requirement (5% by Jan-24) <sup>2</sup>	20.8
Existing Tier 2 Capital (4.27%)	17.8
Current Shortfall	3.0

#### APRA CHANGES TO MAJOR BANKS' CAPITAL STRUCTURES<sup>3</sup> Total Capital 18.91% Total Capital 17.0% T2, 4.27% T2. 5.0% AT1, 1.64% AT1, 1.5% CET1 buffer/ CET1 Surplus<sup>4,5</sup> surplus ~5% 2.5% CCB6 CET1, 13,00% CCB6, 3.5% 3.5% CET1 minimum CET1. 4.5% requirement 4.5% NAB Sep 2021 Jan 2024 LAC Requirements

### NAB TIER 2 ISSUANCE AND PORTFOLIO DIVERSIFICATION



 In FY21, NAB issued \$5.6bn of Tier 2. NAB's FY22 Tier 2 issuance is expected to be approximately \$3-4bn

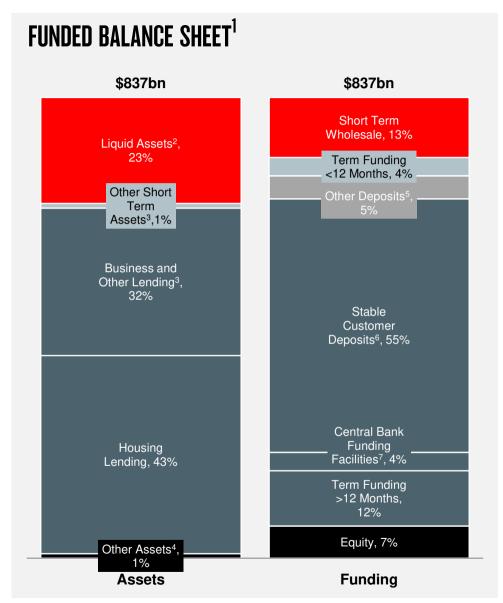


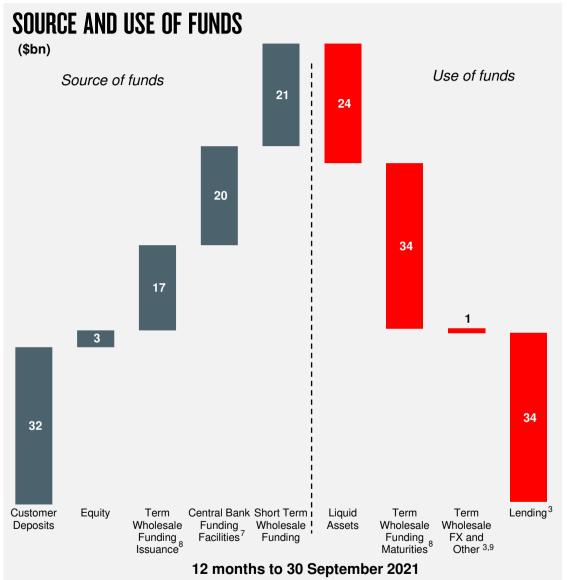
- (1) Subject to the prior written approval of APRA
- (2) Ahead of January 2024 APRA will consider "feasible alternative methods" for raising an additional 1-2% of RWA in loss-absorbing capacity, in consultation with industry and other interested stakeholders
- (3) APRA's proposed revisions to 'unquestionably strong' framework (released December 2020) not reflected
- (4) Capital surplus of 2.5% is generally higher than the normal level for D-SIBs, as a result of the 'unquestionably strong' capital benchmarks
- (5) Excludes any Pillar 2 requirements and additional loss-absorbing capacity 1-2% RWA requirement through "feasible alternative methods"





## **ASSET FUNDING**



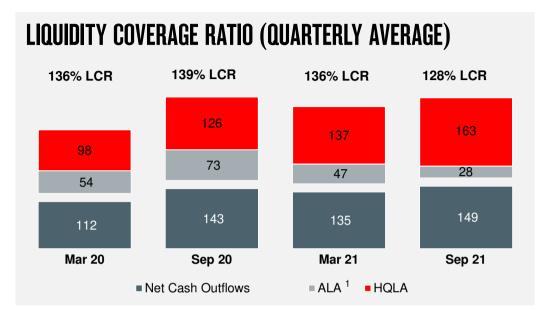


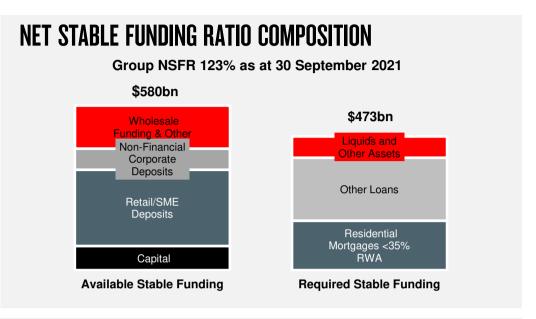
- Excludes repurchase agreements, trading and hedging derivatives, and any accruals, receivables 6) and payables that do not provide net funding
- Market value of marketable securities including HQLA, non-HQLA securities and commodities
- Trade finance loans are included in other short-term assets, instead of business and other lending
- Includes net derivatives, goodwill, property, plant and equipment and net of accruals, receivables
- Includes operational deposits, non-financial corporate deposits and retail / SME deposits and excludes certain offshore deposits as defined in APRA standard APS 210 Liquidity
- Includes RBA's Term Funding Facility (TFF) and RBNZ's Term Lending Facility (TLF) and Funding for Lending Programme (FLP)
- Includes Additional Tier 1
- 9) Includes the net movement of other assets and other liabilities

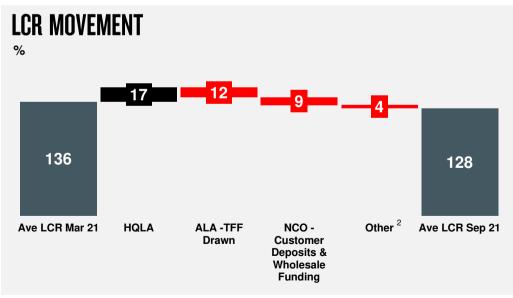


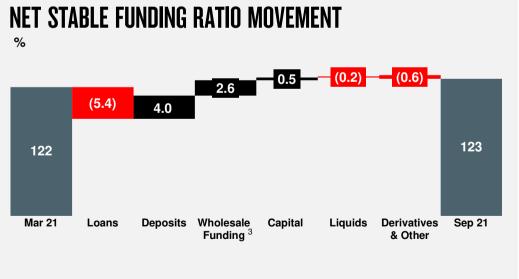
92 5) Includes non-operational financial institution deposits and certain offshore deposits as defined in APRA standard APS 210 Liquidity

## LIQUIDITY









<sup>(1)</sup> Committed Liquidity Facility (CLF) and Term Funding Facility (TFF) values used in LCR calculation are the undrawn portion of the facility. The average amount of undrawn TFF included in the LCR was \$12bn for the March Quarter and \$0bn for the September Quarter



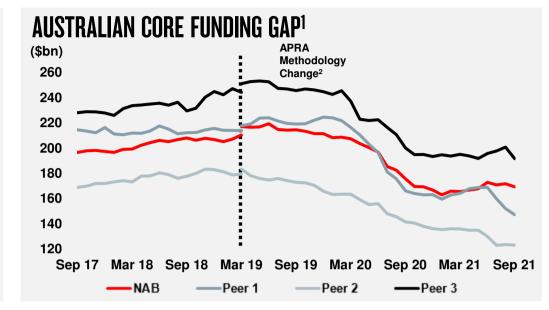
<sup>2)</sup> Other includes an increase in lending commitments and reduced lending inflows

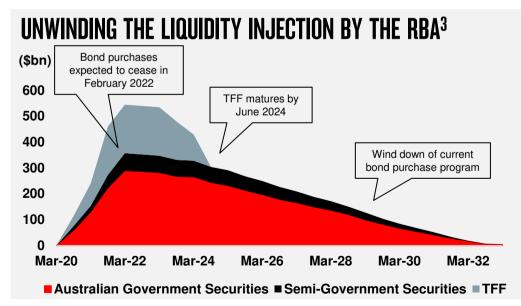
<sup>(3)</sup> Includes drawdowns of Term Funding Facility (TFF)

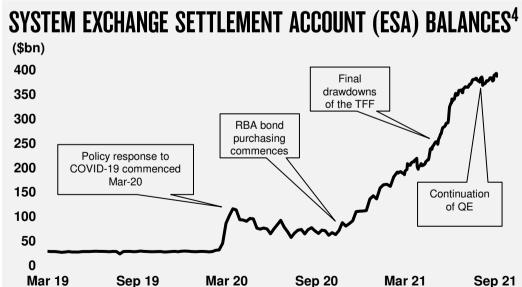
## LIQUIDITY CONSIDERATIONS

#### **INCREASED SYSTEM LIQUIDITY**

- Central bank policies continue to increase system liquidity and deposit growth. TFF has been fully drawn (\$17.6bn in FY21 for NAB), with NAB managing maturity concentration over FY23-24
- CLF to be phased out to zero by end of 2022 (currently at \$31bn).
   Implications for NAB include:
  - · Increased wholesale funding issuance
  - Higher physical liquids from replacement of CLF to impact margins as more low yielding assets are added to the balance sheet
  - Reduced CLF cost due to removal of 20bps fee by end of 2022 offset by cost of additional funding required for liquid assets



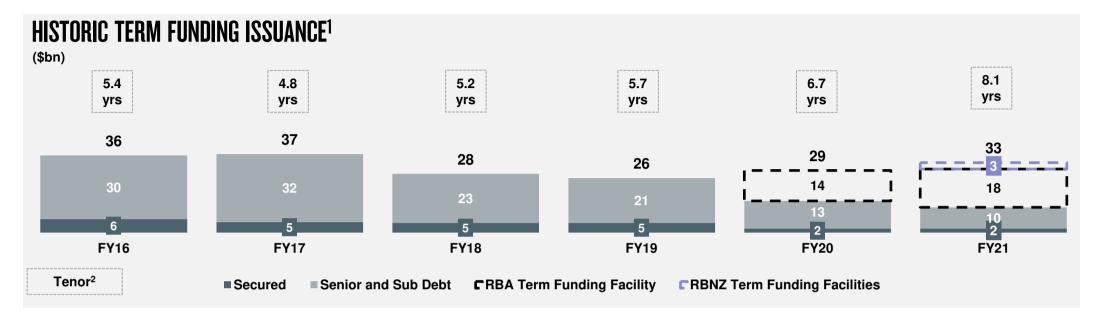


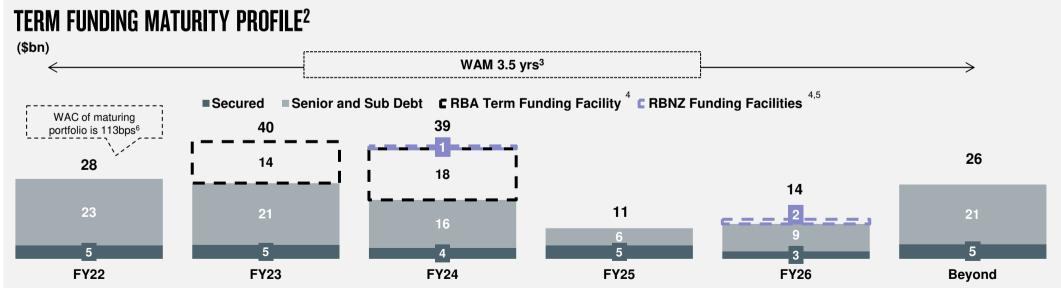


- (1) Australian core funding gap = Gross loans and advances plus Acceptances less Total deposits (excluding financial institution deposits and certificates of deposit)
- (2) APRA Monthly Banking Statistics are used from September 2017 to March 2019. April 2019 onwards is prepared using APRA Monthly Authorised Deposit-taking Institution Statistics. Statistics as at September 2021
- (3) RBA unconventional monetary policies from March 2020, including TFF, bonds purchased to address market dysfunction, Yield Curve Control or Quantitative Easing (QE). Also includes forecast bond purchases at a rate of \$4bn per week to February 2022
- (4) ESAs are the means by which providers of payments services settle obligations that have accrued in the clearing process, operated through the Reserve Bank Information and Transfer System (RITS) Effective 4 November 2020, the interest rate on surplus ESA balances set by the RBA is 0.00%. RBA data



## TERM WHOLESALE FUNDING PROFILE

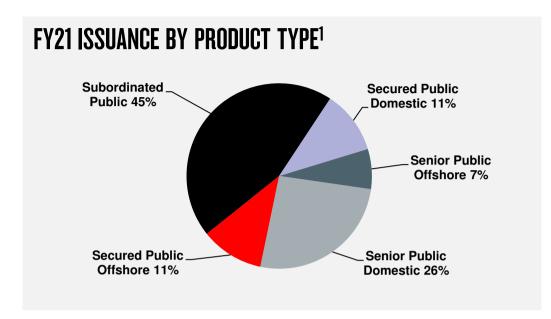


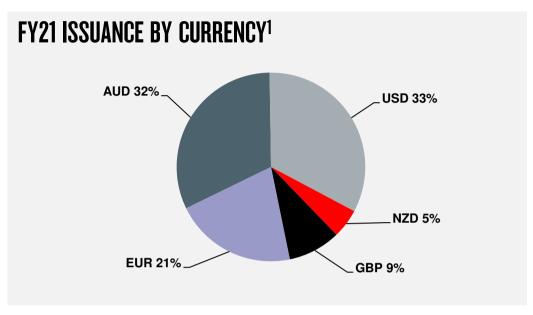


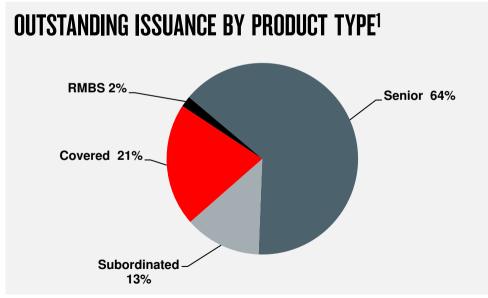
- (1) Includes senior unsecured, secured (covered bonds and securitisation) and subordinated debt with an original term to maturity or call date of greater than 12 months, excludes Additional Tier 1 instruments
- (2) Weighted average maturity and maturity profile of funding issuance with an original term to maturity greater than 12 months. Excludes Additional Tier 1, Residential Mortgage Backed Securities, RBA Term Funding Facility and RBNZ funding facilities
- (3) Remaining weighted average maturity, excludes Additional Tier 1, Residential Mortgage Backed Securities, RBA Term Funding Facility and RBNZ funding facilities
- (4) Contractual maturity is based on drawdown date
  - (5) Includes RBNZ's Term Lending Facility (TLF) and Funding for Lending Programme (FLP)
  - Weighted average cost refers to the cost of the maturing portfolio over the year and is shown as a spread over 3m BBSW. Includes subordinated debt and excludes Additional Tier 1 and BNZ

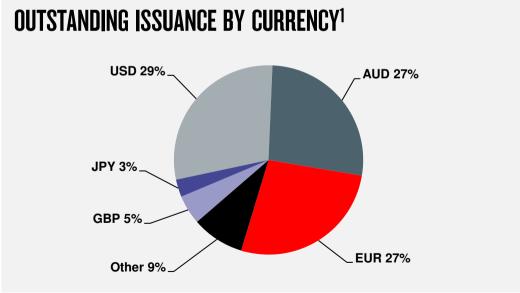


## DIVERSIFIED AND FLEXIBLE TERM WHOLESALE FUNDING PORTFOLIO





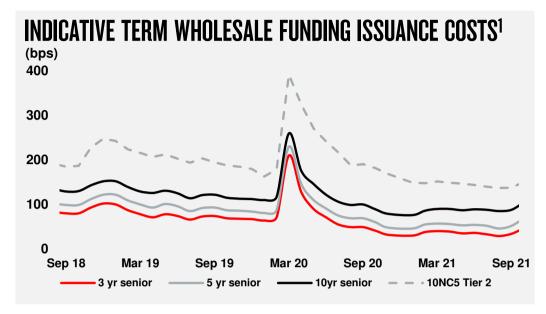


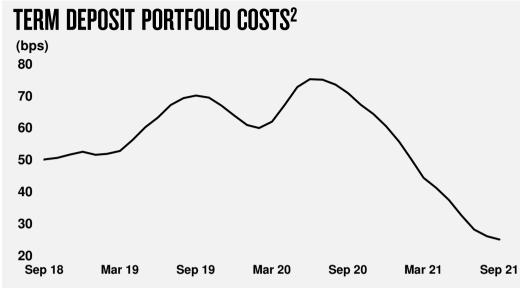


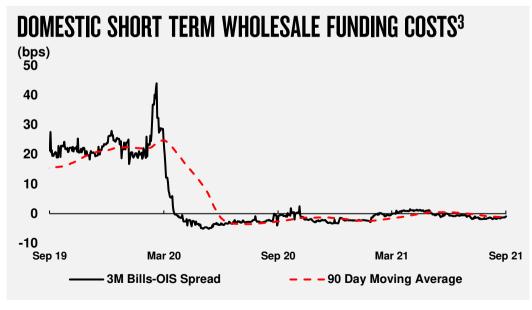
(1) Excludes Additional Tier 1, RBA Term Funding Facility and RBNZ funding facilities

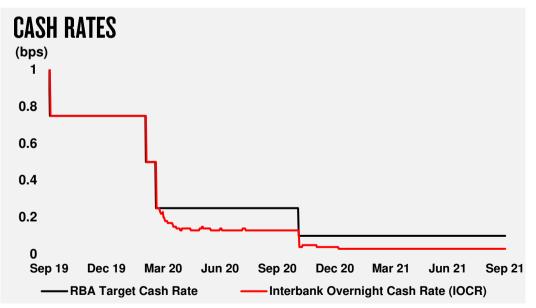


## **FUNDING COSTS**









- (1) Indicative Major Bank Wholesale subordinated and senior unsecured funding rates over 3m BBSW using a blend of multi-currency inputs (3 years, 5 years, 10-year non-call 5-year and 10 years)
- (2) Management data. Total deposit portfolio cost over relevant market reference rate. Australia only
- 3) Spread between 3 month AUD Bank Bill Swap Rate and Overnight Index Swaps (OIS). Source: Bloomberg



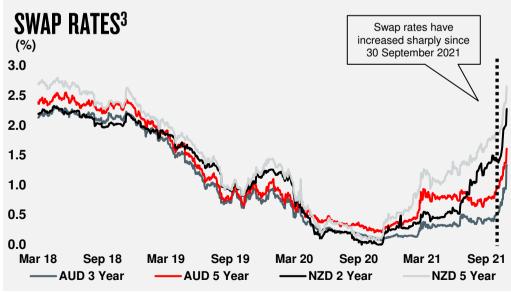
## **CAPITAL & DEPOSIT HEDGES**

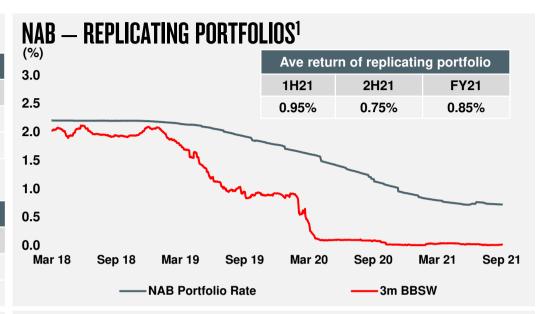
#### NAB REPLICATING PORTFOLIOS<sup>1</sup>

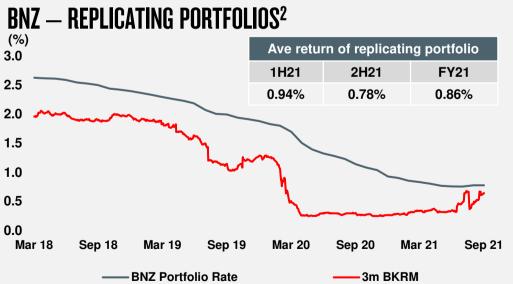
	Replicating portfolio	)
	30 Sep 21 balance	Invested out to term of
Capital	AUD \$42bn	3 years
Low rate deposits	AUD \$63bn	5 years

### BNZ REPLICATING PORTFOLIOS<sup>2</sup>

	Replicating portfolio	
	30 Sep 21 balance	Invested out to term of
Capital	NZD \$9bn	2 years
Low rate deposits	NZD \$9bn	5 years







<sup>(1)</sup> Blended replicating portfolio (Australia only). Replicating portfolio includes capital and low rate deposits, which consist of non-interest bearing deposits and lower tiers in Retirement account. The investment tenor for Capital was extended from 2yr to 3yr in 2H21



<sup>(2)</sup> Blended replicating portfolio (New Zealand only). Replicating portfolio includes capital and low rate deposits, which consist of non-interest bearing deposits and lower tiers in Retirement account

<sup>(3)</sup> AUD Swap Rates sourced from Bloomberg and NZD Swap Rates sourced from Reuters



# **ADDITIONAL INFORMATION**

LONG-TERM: A SUSTAINABLE APPROACH

### SUSTAINABILITY IS EMBEDDED IN OUR GROUP STRATEGY

# COMMERCIAL RESPONSES TO SOCIETY'S BIGGEST CHALLENGES



Embedding sustainability means doing good through the way we do business. Using our core skills and resources and focusing activity in three areas:

#### **Our priorities:**

- Climate change
- · Affordable and specialist housing
- Indigenous business

# RESILIENT AND SUSTAINABLE BUSINESS PRACTICES



Getting the basics right and managing our environmental, social and governance (ESG) risks and opportunities responsibly.

#### **Our priorities:**

- Colleagues and culture
- Inclusive banking
- · ESG risk management
- Supply chain management
- Human rights, including modern slavery

# INNOVATING FOR THE FUTURE

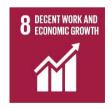


Driving investment in new, emerging and disruptive technologies, and partnering with customers, industry and government on critical initiatives.

#### **Our priorities:**

- Our future core business and marketleading data analytics
- Partnerships that matter













ALIGNED TO SIX KEY UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS<sup>1</sup> - WHERE WE CAN MAKE THE BIGGEST IMPACT



# **ESG GOVERNANCE & PERFORMANCE**

### **BOARD COMMITTEES:**

**Audit Committee** 

Chair: David Armstrong

**Customer Committee** 

Chair: Ann Sherry

Nomination & Governance Committee

Chair: Philip Chronican

People & Remuneration Committee

Chair: Anne Loveridge

Risk & Compliance Committee

Chair: Simon McKeon

Updates on ESG risks are provided to the Board Risk & Compliance Committee and Board as appropriate

### **EXECUTIVE COMMITTEES OVERSEEING KEY ASPECTS OF ESG RISK**

**Sustainability Council** 

Chair: Les Matheson

**Executive Risk & Compliance Committee** 

Chair: Shaun Dooley

**Group Non-Financial Risk Committee** 

Chair: Patrick Wright

**Group Credit & Market Risk Committee** 

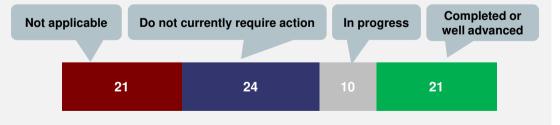
Chair: David Gall

NAB's overall approach to corporate governance available at: nab.com.au/corporategovernance Summary of relevant ESG policies and positions available at: nab.com.au/esgrisk

#### IMPLEMENTATION OF APRA SELF-ASSESSMENT ACTIONS AND ROYAL COMMISSION RECOMMENDATIONS

- Of 26 actions identified in NAB's 2018 Self-Assessment, all but three are now embedded and closed, those remaining relate to reviews that are ongoing in nature
- NAB will engage with APRA to determine whether related issues identified in NAB's Self-Assessment have been addressed to the satisfaction of the regulator
- Reform program has driven improvement in governance, accountability and culture, to address the root causes of past failings
- The voice of the customer is now firmly represented, executive accountabilities are clear due to updated operating model and risk committee structure has improved ownership and accountability for risks and issues

 Actively Implementing all applicable reforms following the Banking & Financial Services Royal Commission





## ESG REPORTING FRAMEWORKS AND BENCHMARKED ESG PERFORMANCE

### REPORTING FRAMEWORKS



Since 2003, NAB has prepared its sustainability reporting in alignment with the Global Reporting Initiative



Since 2011, NAB has actively supported the concept of integrated reporting, and as a pilot programme member, actively contributed to the development of the Integrated Reporting Framework



Since 2017, NAB has aligned its climate reporting to the recommendations of the Task Force on Climaterelated Financial Disclosures

### **BENCHMARKED ESG PERFORMANCE**



Recipient of the 2021 inaugural <u>Terra</u>
<u>Carta Seal</u> for our commitment to, and momentum towards, the creation of genuinely sustainable markets.
The only Australian bank to receive the Seal, and one of only three Australian companies



Received a rating of A (on a scale of AAA-CCC) in the MSCI ESG Ratings assessment in 2021<sup>1</sup>



ESG Rating 4.5 in 2021. Top 4% of Banks globally



Ranked 11th globally for banking sector in 2020. Included in DJSI World Index and DJSI Australia



Classified in the Leadership band amongst the global financial services sector with a score of A- in 2020

<sup>(1)</sup> The use by NAB of any MSCI ESG research LLC or its affiliates ("MSCI") data, and the use of MSCI logos, trademarks, service marks or index names herein, do not constitute a sponsorship, endorsement, recommendation, or promotion of NAB by MSCI. MSCI services and data are the property of MSCI or its information providers, and are provided 'as-is' and without warranty. MSCI names and logos are trademarks or service marks of MSCI



## **OUR GROUP CLIMATE STRATEGY**

#### GOAL OF ALIGNING OUR LENDING PORTFOLIO TO NET ZERO EMISSIONS BY 2050

- First Australian bank to have signed the Collective Commitment to Climate Action (CCCA)
- Financed emissions estimate expanded to 8 sectors
- Sector specific pathway mapping work is under way and interim target-setting is on track to be published in our 2022 annual reporting suite

#### SUPPORTING OUR CUSTOMERS TO DECARBONISE AND BUILD RESILIENCE

- Working closely with 100 of our largest GHG-emitting customers to support them as they develop or improve their low carbon transition plans by 30 September 2023
- \$70 billion environmental financing target by 30 September 20251
- Bank for Transition to support customers in their journey to net zero emissions

#### MANAGING CLIMATE RISK

- Committed to TCFD since 2017
- Progressing Climate Vulnerability Assessment
- Completed review of oil and gas sector published additional ESGrelated credit policy settings and capped exposure to oil and gas

#### SUPPORTED BY

## ACTIVELY REDUCING OUR OWN EMISSIONS

- Carbon neutral in operations for over a decade
- Focused on reducing our operational greenhouse gas emissions (targeting 51% reduction by 30 June 2025 against a 30 June 2019 baseline)
- Target to source 100% of electricity consumption needs from renewable energy sources by 30 June 2025

#### HIGHLY CAPABLE COLLEAGUES

- Climate change module in annual Risk Awareness training for all colleagues
- Climate change included in Board development agenda
- Select bankers taking part in a course on identifying climate-risk and developing transition plans in partnership with Melbourne Business School

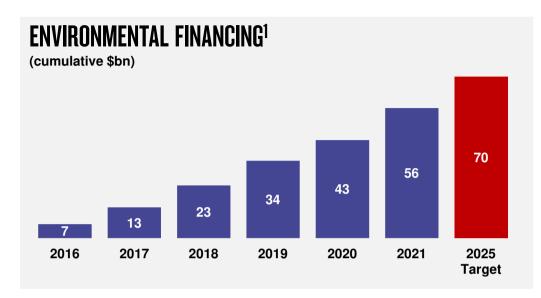
#### RESEARCH, PARTNERSHIPS & ENGAGEMENT

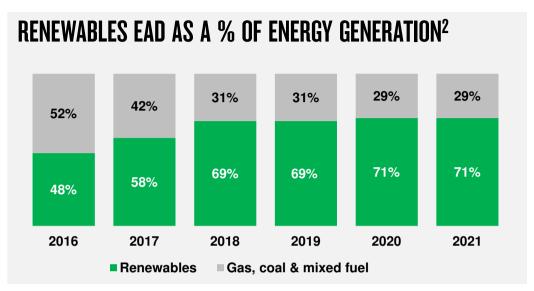
- Actively taking part in nationwide discussions on how Australia gets to net zero as a leader in sustainable technology
- Launched Project Carbon, a Voluntary Carbon Marketplace pilot in partnership with CIBC, Itaú Unibanco and NatWest Group

<sup>(1)</sup> Represented as a cumulative amount of new environmental finance since 1 October 2015. Refer to the Group's 2021 Sustainability Data Pack for a further breakdown of this number and reference to how the environmental financing commitment is calculated

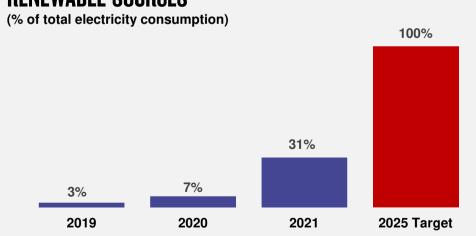


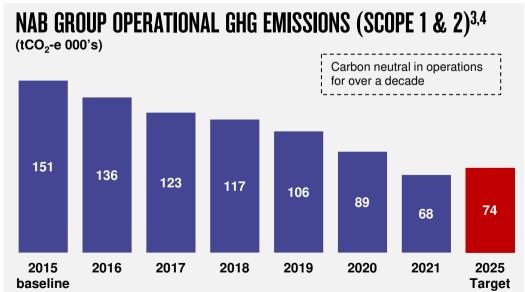
### **CLIMATE METRICS AND TARGETS**





# NAB GROUP ELECTRICITY CONSUMPTION FROM RENEWABLE SOURCES<sup>3</sup>





- (1) This includes NAB's financing of green infrastructure, capital markets, asset finance and new mortgage lending flow for 6 Star residential housing in Australia (new dwellings and significant renovations) as a cumulative flow of new environmental finance since 1 October 2015. Refer to 2021 Sustainability Data Pack.
- (2) NAB methodology (based upon the 1993 ANZSIC codes) at net EAD basis. Excludes exposure to counterparties predominantly involved in transmission and distribution. Vertically integrated retailers included and categorised as renewable where majority of their generation activities sourced from renewable energy. More detail at https://www.nab.com.au/about-us/social-impact.
- (3) NAB's operational environmental numbers are reported on a July-June performance period
  - Significant progress towards NAB's 2025 science-based target was demonstrated in 2020 and 2021 however performance has been influenced by COVID-19 impacts and we do not expect all of the reductions achieved to date to be permanent. 2020 and 2019 progress restated due to additional electricity charges at our BNZ operations. Includes our net operational scope 1 and 2 GHG emissions, 2020 and 2021 figures calculated using a market-based approach



## OUR EXPOSURES TO THE ENERGY GENERATION AND RESOURCE SECTOR

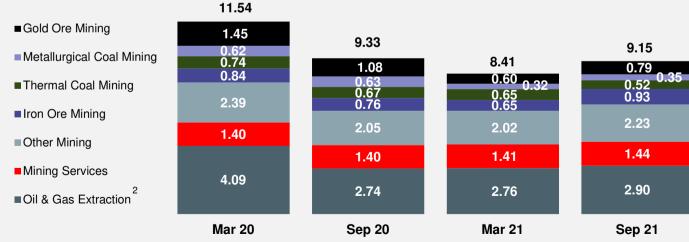
### **ENERGY GENERATION EAD BY FUEL SOURCE<sup>1</sup>**



 Renewables comprise 71.4% of energy generation EAD at September 21, increasing from 39% as at September 2014

#### **RESOURCE EAD BY TYPE**

(\$bn)



- Thermal coal exposures decreased 20.8% over the half
- Thermal coal exposures have reduced 32.4% against September 19 cap level
- 20% of thermal coal mining EAD is for performance guarantees to rehabilitate existing coal mining sites



<sup>(1)</sup> NAB methodology (based upon the 1993 ANZSIC codes) at net EAD basis. Excludes exposure to counterparties predominantly involved in transmission and distribution. Vertically integrated retailers included and categorised as renewable where majority of their generation activities sourced from renewable energy. More detail at https://www.nab.com.au/about-us/social-impact.

<sup>(2)</sup> A significant contributor to the reduction of \$1.3bn in the Resources portfolio between Mar-20 and Sep-20 is AUD currency appreciation of USD denominated exposures and lower mark-to-market positions of treasury-related products in the Oil & Gas extraction sector.

# ENGAGING WITH 100 OF OUR LARGEST EMITTERS ON THEIR TRANSITION PLANS

#### **OUR TARGET**

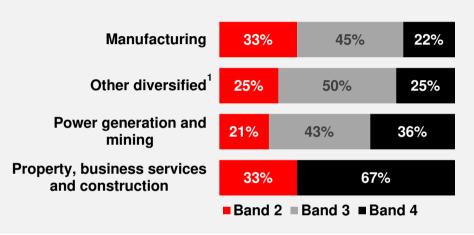
To work closely with 100 of our largest greenhouse gas emitting customers to support them as they develop or improve their low carbon transition plans by 30 September 2023

#### **OUR TRANSITION FRAMEWORK**

In 2021, we developed a Transition Framework Diagnostic to assist in working with our customers:

- Framework was developed with reference to other international transition frameworks including the UNPRI Transition Pathway Initiative and the ClimateWise Transition Risk Framework
- Brings rigour and consistency to help us understand our customers' transition maturity relative to their sector and geography
- Initial analysis suggests majority of customers acknowledge climate change as an issue, disclose emissions and have committed, or are already, reporting in alignment with TCFD.
- ~73% of companies assessed in Band 3 or 4.

### TRANSITION MATURITY OF 34 OF OUR HIGHEST EMITTERS



Band	Category (drawing on UNPRI Transition Pathway Initiative)
0	Unaware of (or not acknowledging) climate change as a business issue
1	<b>Acknowledgement of climate change as business issue:</b> the company acknowledges that climate change presents business risks and/or opportunities, and that the company has a responsibility to manage its greenhouse gas emissions. This is often the point where companies adopt a climate change policy
2	<b>Building capacity:</b> the company develops its basic capacity, its management systems and processes, and starts to report on practice and performance
3	Integrating into operational decision-making: the company improves its operational practices, assigns senior management or board responsibility for climate change and provides comprehensive disclosures on its carbon practices and performance.
4	Strategic assessment: the company develops a more strategic and holistic understanding of risks and opportunities related to the low-carbon transition and integrates this into its business strategy and capital expenditure decisions





## SET A GOAL OF ALIGNING OUR PORTFOLIO TO NET ZERO EMISSIONS BY 2050

#### NAB HAS SIGNED THE COLLECTIVE COMMITMENT TO CLIMATE ACTION

To meet requirements of CCCA, NAB has set a goal to align our Australian lending portfolio to net zero emissions by 2050, and publish interim sector-specific decarbonisation targets in our 2022 Reporting Suite

#### **PROGRESSING:**

#### BASELINING GHG EMISSIONS

- In 2021, we have expanded the coverage of our estimated greenhouse gas emissions attributable to NAB's lending, to cover an additional three segments of our lending. The full eight segments are shown in the table opposite
- The estimate covers a proportion of our lending book only (50.7% of Group EAD)
- We apply a sector-wide emissions intensity methodology to estimate emissions for 100% of small to medium sized businesses, residential mortgages and agriculture exposures
- For the remaining sectors, a bottom-up approach is taken, based on reported and verified emissions data from customers where available, leading to variations in sectoral coverage

We are on track to publish, in our 2022 annual reporting suite, interim sector-specific decarbonisation targets, applying the following principles:

#### **COMMENCED:**

# DECARBONISATON PATHWAYS

- Broad portfolio coverage: targets set will account for substantial majority of Australian lending portfolio
- Science-based: Decarbonisation scenarios will be set for 2030 and 2050 using scenarios that are science-based and aligned to limit global warning to 1.5C
- **Governance**: Targets shall be approved by the Executive Leadership Team and Board
- Guided by global best practice: NAB shall be guided by the UN Environment Programme Finance Initiative's Guidelines for Climate Target Setting for Banks
- Up to date: Targets will be reviewed regularly to ensure consistency with current climate science, updated data and available methodologies

Sector		% of Sector EAD covered <sup>1</sup>	Absolute emissions (tCO <sub>2</sub> -e)	Emissions intensity (tCO <sub>2</sub> -e/ AUD\$M EAD)
	Power generation (Power generation, gentailers, electricity transmission and distribution	22%	2,036,484	1,018
<b>#</b>	Heavy manufacturing (cement, lime, plaster, concrete, bricks, iron and steel and aluminium)	69%	185,727	267
	Resources (including coal, oil and gas)	22%	536,921	261
<u></u>	Transport (road freight, air, rail and international sea transport)	9%	101,347	135
	Agriculture	100%	3,929,316	115
\$	SME (in commercial and services sectors <sup>2</sup> )	100%	990,005	24
	Residential mortgages	100%	3,072,195	8
<u></u>	Commercial real estate (office and retail)	19%	33,844	6

- (1) Detailed methodology available in 'How we calculate our carbon emissions' on https://www.nab.com.au/about-us/social-impact/environment/climate-change
- (2) Based on Australian Energy Statistics data for Commercial and Services sectors and aligned to 1993 ANZSIC classifications: F, G, H, J, K, L, M, N, O, P and Q.



## **CONTINUING PHASED RISK REVIEW**

We continued our ongoing, phased review of credit risk policy settings for carbon intensive, climate sensitive and low-carbon sectors. In 2021, this included a specific review of the oil and gas sector. We will align to the International Energy Agency's Net Zero Emissions by 2050: A Roadmap for the Global Energy Sector report

# OIL AND

We have capped oil and gas exposure at default at USD2.4bn and will reduce our exposure from 30 September 2026 through to 30 September 2050, aligned to IEA NZE 2050. This provides for measured re-orientation of client activity ensuring NAB can continue to support clients committed to transition<sup>1</sup>

- We will only consider directly financing greenfield gas extraction in Australia where it plays a role in underpinning national energy security
- We will not directly finance greenfield gas extraction projects outside Australia
- We will continue to support integrated LNG in Australia, NZ, PNG and selected LNG infrastructure in other regions, under the oil and gas exposure cap
- We will not directly finance greenfield oil extraction projects or onboard new customers with a predominant focus on oil extraction
- We will not finance oil and gas extraction, production or pipeline projects within or impacting the Arctic National Wildlife Refuge area or any similar Antarctic Refuge
- We will not directly finance oil/tar sands or ultra-deep water oil and gas extraction projects

### COAL

We have capped thermal coal mining exposures at 30 September 2019 levels, and updated our plans to reduce thermal coal mining exposures by 50% by 30 September 2026 and to be effectively zero by 30 September 2030, apart from residual performance guarantees to rehabilitate existing thermal coal mining assets

- We will not finance new or material expansions of coal-fired power generation facilities
- We will not finance new thermal coal mining projects or take on new-to-bank thermal coal mining customers
- From FY22, we will separately report our thermal coal-related rehabilitation performance guarantees as part of reporting our resources exposures
- We recognise that currently there are no readily available substitutes for the use of metallurgical coal in steel production. We will continue providing finance to our customers in this segment, subject to enhanced due diligence which further considers underlying environmental, social and governance risks

<sup>(1)</sup> The cap of USD2.4 bn was determined giving consideration to the three-year average exposure up to 30 September 2021 due to COVID impacts. Use of USD for the purposes of this cap is to account for currency movement because the majority of the portfolio is USD denominated. From 2022, oil and gas exposure at default will be reported in USD. For the purposes of this review oil and gas included: oil and gas extraction (upstream); liquefied natural gas (LNG) production (not at refineries – downstream LNG); and LNG production at wellhead (integrated LNG)



## WE ARE A LEADER IN SUSTAINABLE FINANCING

# GLOBAL COVERAGE MODEL WITH HIGHLY PROFESSIONAL BANKERS WORKING CLOSELY WITH CUSTOMERS

- We are raising the bar on Climate Banking professionalisation, having highly skilled bankers work with customers on their transition planning
- We will extend this training to our national agribusiness banker network

75
BANKERS COMPLETING
MELBOURNE BUSINESS
SCHOOL CLIMATE BANKING
TRAINING IN 2021

#### **ACCESS TO INSIGHTS, RESEARCH & PARTNERSHIPS**

 We have established a Bank for Transition series to support our customers in their journey to net zero emissions with market leading strategic insights and support





- (1) Rankings based on IJGlobal League Table, MLA, Renewables, 12 months ending 30 September 2021
- 2) A voluntary Carbon Marketplace pilot in partnership with CIBC, ItaÚ Unibanco and NatWest Group
- (3) BloombergNEF: "Tipping point: ESG debt issuance tops \$3 trillion" June 2021

#### PRODUCT INNOVATION TO SUPPORT THE TRANSITION

- #1 Australian bank for global renewables transactions<sup>1</sup>
- Recently completed our first ESG-linked derivative with an ASX50 listed company
- Launched Project Carbon<sup>2</sup>

>\$33 BILLION

Helped customers raise over \$33bn by arranging 60 green, social and sustainability linked bonds since 2014

~\$25 BILLION

Supported customers to raise close to \$25bn across green, social and sustainability linked loans since 2018

>\$11 Billion Committed over \$11.5bn in renewable energy project finance since 2003, backing over 150 domestic and global transactions

CLOSED 7 ESG-linked derivatives (six in the European market including the first in the UK social housing market, as well as the first known inflation swap linked to the performance of ESG metrics globally, and one in Australia)

Well positioned to support growth in global financing needs, representing a significant opportunity for NAB

**USD 11 TRILLION** 

Cumulative sustainable debt issuance on track to hit \$11 trillion by 2025 having recently surpassed \$3 trillion in 2021<sup>3</sup>

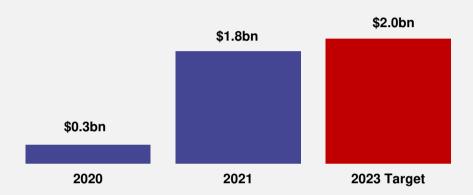


#### PROGRESSING OUR PRIORITIES - COMMERCIAL RESPONSES TO SOCIETY'S BIGGEST CHALLENGES

#### AFFORDABLE AND SPECIALIST HOUSING

Progress against \$2bn financing target to support affordable and specialist housing<sup>1</sup>

(Cumulative \$bn)



- Cumulative total includes funding of affordable housing, specialist disability accommodation, sustainable housing; as well as a subset of loans made under the First Home Loan Deposit Scheme for:
  - · Properties under the national median house price
  - Borrowers with taxable income below the national median household income
- >4,300 affordable, sustainable and specialist dwellings created
- >11,000 people housed
- · Target under review for future ambition

#### **INDIGENOUS BUSINESS**

- Hosted our first Indigenous Business Roundtable, hearing directly from NAB's Indigenous business customers on their experiences with NAB
- Finalised our comprehensive indigenous business strategy, outlining our target investment to support growth over the next three years
- Developed a dedicated customer value proposition for Indigenous Community customers within the Government, Education and Community banking sub-sector

#### SUSTAINABLE AGRICULTURE

- Worked with researchers from the Food Agility CRC to develop a tool that catalogues and reviews investment opportunities for Australian farmers that supports them to mitigate emissions and adapt to the physical risks of climate change
- Supported ClimateWorks Australia with the development of a natural capital catalogue which defines what, and how, natural capital metrics can be measured across Australian Farms. The next phase of this work in 2022 will involve supporting farmers to pilot the metrics on participating farms

<sup>(1)</sup> Affordable and specialist housing includes loans for affordable housing, specialist disability accommodation, and sustainable housing. It also includes loans made under the First Home Loan Deposit Scheme for properties under the national median house price, and borrowers with taxable income below the national median household income. Progress is based on total lending facilities committed, where first drawdown occurred during the target period (1 October 2019 – 30 September 2023). This number does not reflect debt balances.

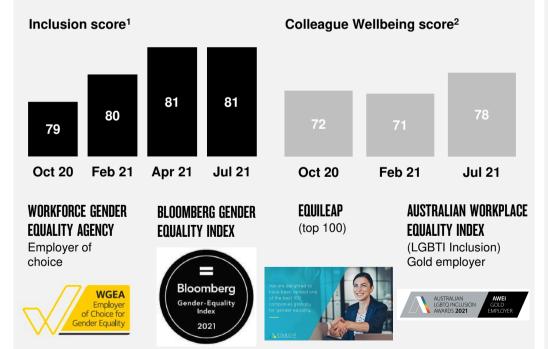


#### PROGRESSING OUR PRIORITIES - RESILIENT AND SUSTAINABLE BUSINESS PRACTICES

#### **NEW INCLUSION AND DIVERSITY STRATEGY**

Focus areas of the new framework:

- Inclusive leadership: Leaders who are visible in their commitment to inclusion and actively build diversity in teams
- Inclusive workplace: A workplace that actively promotes and leverages team diversity, flexibility and wellbeing
- Customer inclusion: Colleagues who take pride in understanding the needs of our customers, and ensure that they can access the information, services and products they need with ease



#### RESILIENT AND SUSTAINABLE BUSINESS PRACTICES

Provided >32k

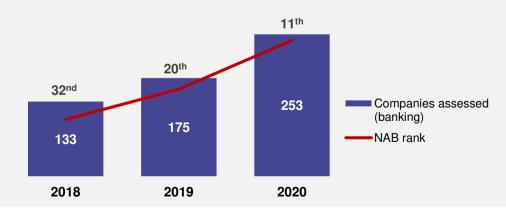
no and low interest loans. Including programs for people on low incomes, are experiencing domestic and family violence or who have experienced loss of income due to COVID-19

Spent \$4.6m

on diverse suppliers within our supply chain in FY21, up from \$2.9m in FY20<sup>3</sup>. We have a **goal to spend at least \$10m annually with diverse suppliers by 2025** 

 As a founding signatory to the Principles for Responsible Banking (PRB), we are actively working on shifting the balance of our activities towards positive environmental and social impact. Read more on our progress in the Sustainability Data Pack.

NAB DJSI Ranking<sup>4</sup> (compared to total number of companies assessed in BANKS sector)



- (1) Represents score based on the survey question of "Our team has a climate in which diverse perspectives are valued"
- (2) Represents score based on the survey question of "Our team takes a genuine interest in employee wellbeing"
- (3) Describes NAB's purchases made with Indigenous-owned, minority-owned and women-owned businesses and disability and social enterprises, total excludes GST
- (4) NAB has set a target to maintain its inclusion in the Dow Jones Sustainability World and Australia Indexes, representing the top 10% of all companies assessed in the banking sector.





# ADDITIONAL INFORMATION

**ECONOMICS** 

## **AUSTRALIA AND NZ KEY ECONOMIC INDICATORS**

#### **AUSTRALIAN ECONOMIC INDICATORS (%)**<sup>1</sup>

	CY19	CY20	CY21(f)	CY22(f)	CY23(f)
GDP growth <sup>2</sup>	1.9	-0.9	1.6	4.0	2.3
Unemployment <sup>3</sup>	5.1	6.7	4.7	4.2	3.8
Core Inflation <sup>4</sup>	1.4	1.3	2.2	2.3	2.8
Cash rate target <sup>3</sup>	0.75	0.10	0.10	0.10	0.75

## **AUSTRALIAN SYSTEM GROWTH (%)**<sup>5</sup>

	FY19	FY20	FY21(f)	FY22(f)	FY23(f)
Housing	3.0	3.3	6.5	5.1	5.0
Personal	-4.2	-12.9	-5.3	0.0	1.5
Business	3.3	1.9	4.6	4.2	4.5
Total lending	2.7	1.9	5.3	4.6	4.7
System deposits	3.8	11.7	8.0	7.3	3.4

#### NZ ECONOMIC INDICATORS (%)1

	CY19	CY20	CY21(f)	CY22(f)	CY23(f)
GDP growth <sup>2</sup>	1.8	0.1	-1.0	7.8	1.3
Unemployment <sup>3</sup>	4.0	4.8	3.3	3.6	4.5
Inflation <sup>4</sup>	1.9	1.4	5.8	2.7	2.5
Cash rate (OCR) <sup>3</sup>	1.0	0.25	0.75	2.00	2.25

#### NZ SYSTEM GROWTH (%)<sup>5</sup>

	FY19	FY20	FY21	FY22(f)	FY23(f)
Housing	6.6	6.8	11.6	4.7	3.6
Personal	0.1	-11.8	-9.0	5.9	5.1
Business	4.8	-1.4	1.6	4.0	5.7
Total lending	5.6	3.0	7.3	4.5	4.3
Household retail deposits	5.1	9.4	4.5	4.5	4.3



<sup>(1)</sup> Sources: ABS, Econdata DX, RBA, RBNZ, Stats NZ, NAB

<sup>(2)</sup> December quarter on December quarter of previous year

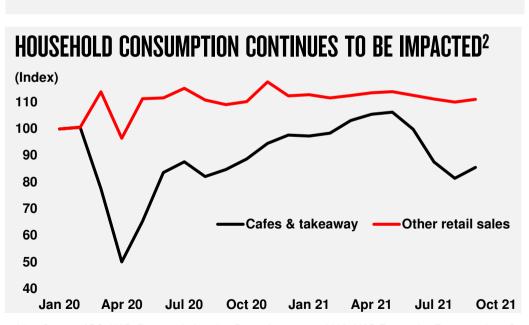
As at December quarter

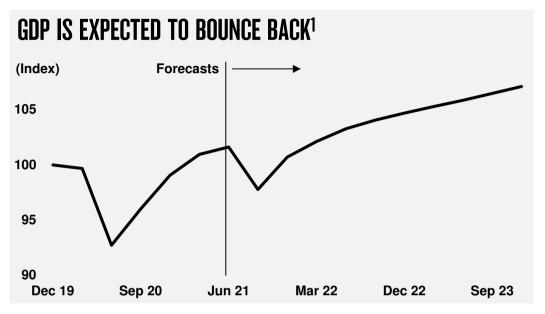
<sup>(4)</sup> December quarter on December quarter of previous year. For Australia, average of trimmed mean and weighted median indices

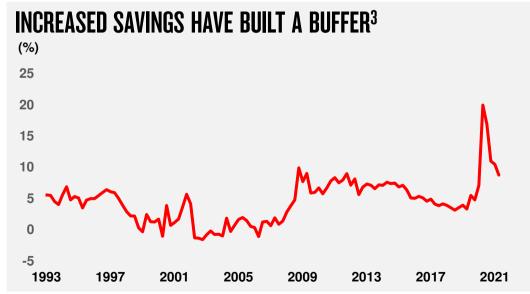
Source: RBA, RBNZ, NAB. Bank fiscal year-ended (September). NZ business credit includes credit to Agriculture and is calculated from break adjusted data.

## ACTIVITY IS EXPECTED TO BOUNCE BACK AFTER CURRENT LOCKDOWNS

- Economic activity and hours worked are expected to have fallen relatively sharply in the September quarter with widespread lockdowns in NSW, VIC and the ACT as well as state border closures. Employment and labour participation also declined in the quarter and the unemployment rate is expected to see a small increase in the near term.
- However, the relatively healthy pre-COVID starting point as well as ongoing policy support should support a rapid rebound in both activity and the labour market over coming quarters.
- The recovery continues to be uneven with some sectors still held back by state and international border closures, while others have seen a boost as a result of policy stimulus. The normalisation of consumer spending patterns will also likely take some time.



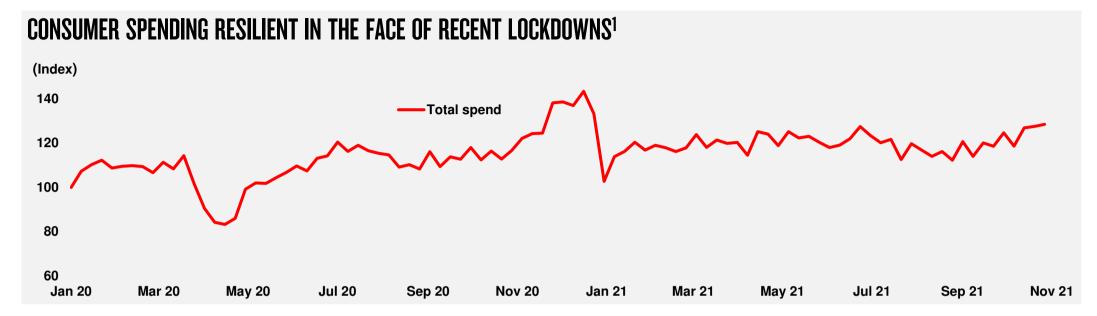


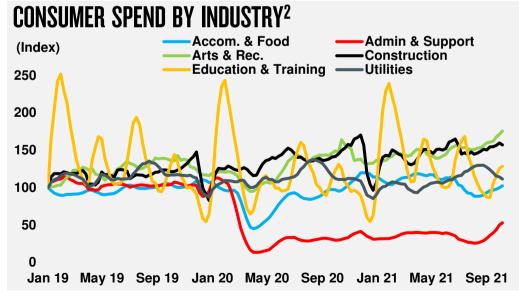


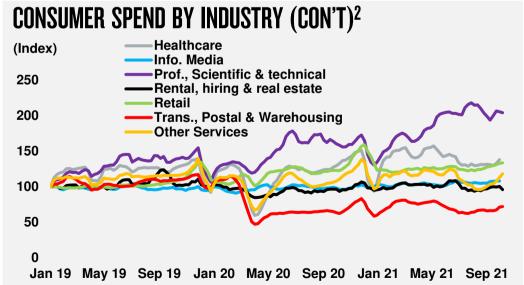
- (1) Source: ABS, NAB. Data are indexed to December guarter 2019. NAB Economics Forecasts from September guarter 2021
- (2) Source: ABS, NAB. Data are ABS retail sales indexed to January 2020, data to September 2021
- 3) Source: ABS, NAB. Household savings rate (ABS national accounts), data to June quarter 2021



## HIGH FREQUENCY DATA SHOWS RESILIENCE IN THE FACE OF RECENT LOCKDOWNS



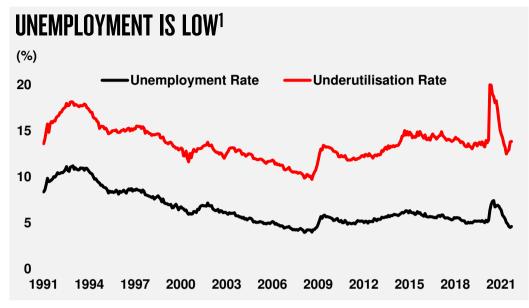


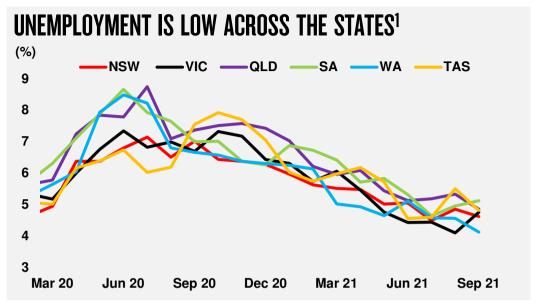


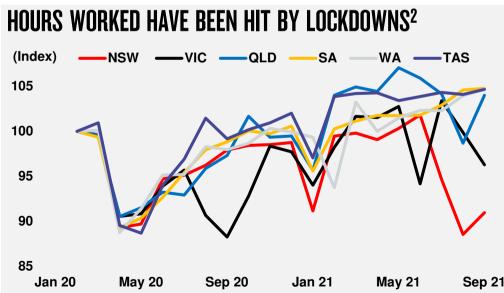
- (1) Source: NAB. Weekly spend data derived from NAB platforms, indexed to 4 January 2020, data to 30 October 2021
- (2) Source: NAB. Data are a 4-week moving average of total weekly transactions, indexed to 26 January 2019, data to 30 October 2021

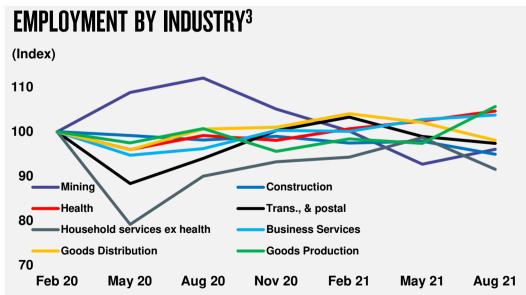


## A NEAR-TERM HIT TO THE LABOUR MARKET, BUT A GOOD STARTING POINT





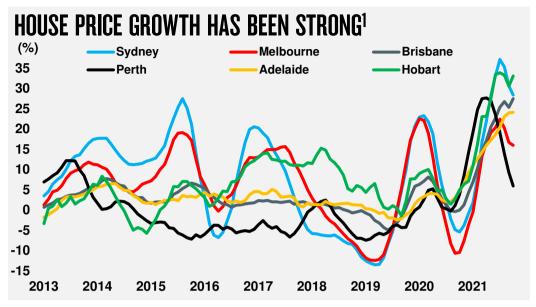


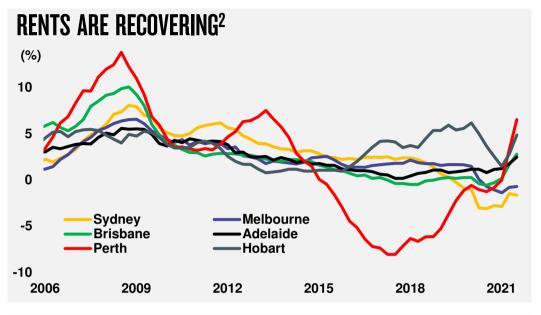


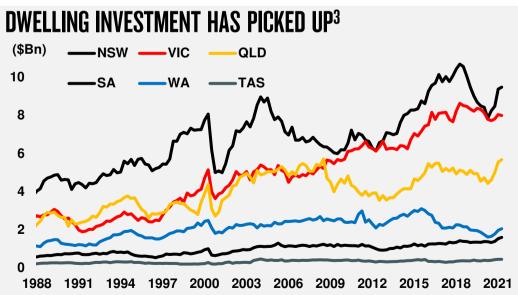
- Source: ABS. Data to September 2021
- (2) Source: ABS, NAB. Data are monthly hours worked from the labour force survey, indexed to February 2020 = 100, data to September 2021
- 3) Source: ABS, NAB. Data are employment by industry from the labour force survey. February 2020 = 100, data to August 2021

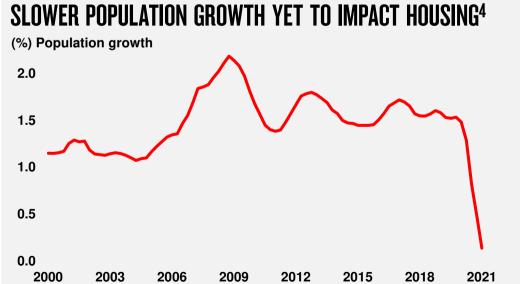


## THE HOUSING MARKET HAS STRENGTHENED





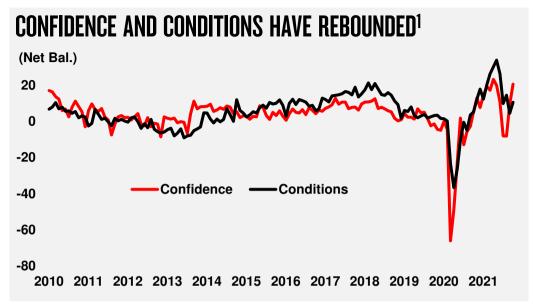


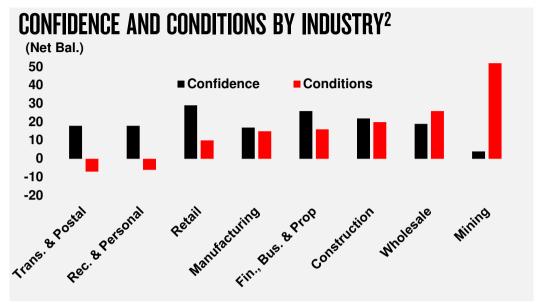


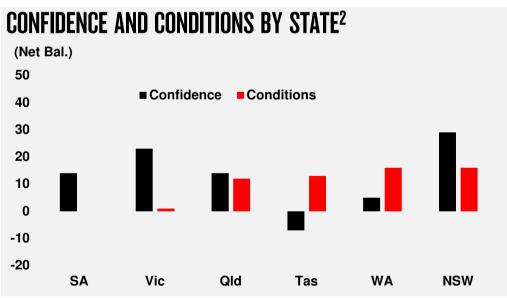
- 1) Source: CoreLogic. 6-month-ended-annualised growth. Data to 31 October 2021
- (2) Source: ABS. Year-ended growth in CPI rents, data to September quarter 2021
- 3) Source: ABS. Chain volume measure (reference year 2018-19). Data to June quarter 2021
- (4) Source: ABS. Year-ended growth, data to Q1 2021

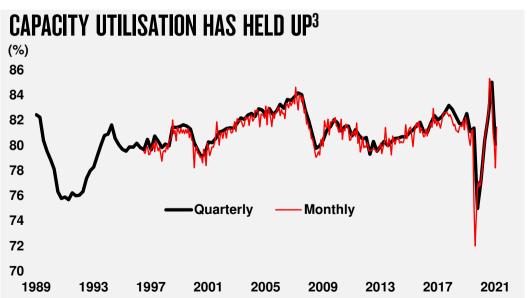


## THE BUSINESS SURVEY SHOWS A RAPID REBOUND AS LOCKDOWNS END





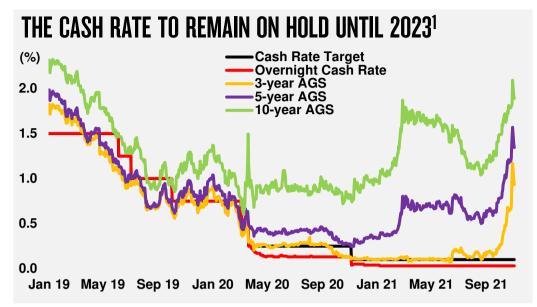


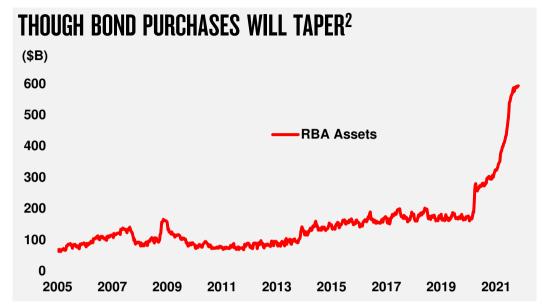


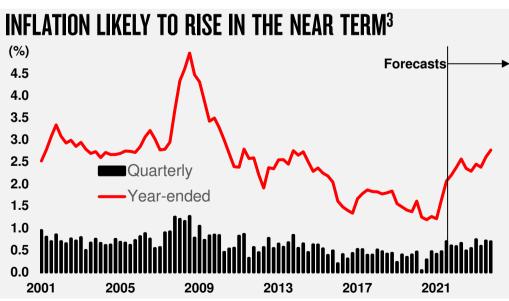
- (1) Source: NAB. Overall confidence and conditions from the NAB Monthly Business Survey in net balance terms, data to October 2021
- (2) Source: NAB. Confidence and conditions by industry from the NAB Monthly Business Survey in net balance terms, data to October 2021
- Source: NAB. Overall capacity utilisation from the NAB Quarterly and Monthly Business Surveys. Quarterly data to September 2021, monthly data to October 2021

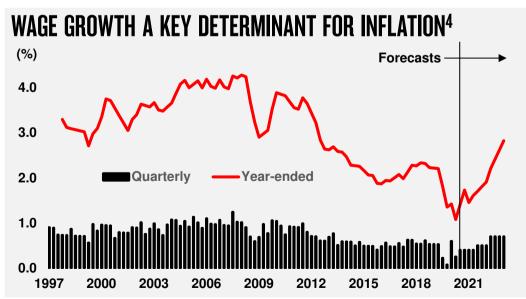


## LOW RATES TO PERSIST IN THE NEAR-TERM BUT BEGIN NORMALISING











<sup>1)</sup> Source: Macrobond. Data to 2 November 2021

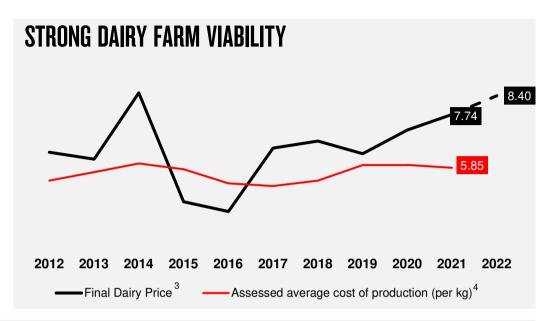
<sup>2)</sup> Source: Source: RBA, NAB. Data to 11 October 2021. Total Assets on the RBA's Balance Sheet

<sup>3)</sup> Source: ABS, NAB. Average of the trimmed-mean and weighted-median CPI measures, data to September quarter 2021, NAB forecasts thereafter

<sup>(4)</sup> Source: ABS, NAB. Data to June guarter 2021, NAB forecasts thereafter

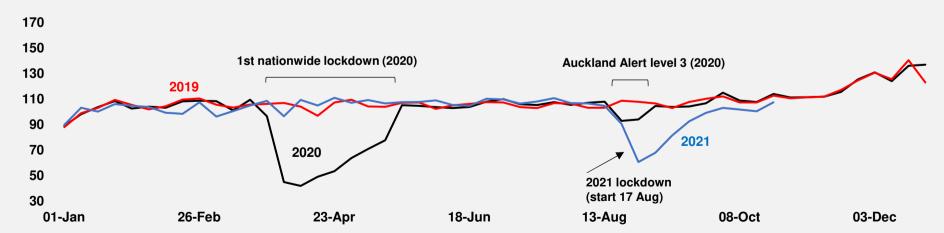
## **NEW ZEALAND ECONOMY**

#### ECONOMY HAD SOLID MOMENTUM BEFORE Q3 LOCKDOWN; LABOUR MARKET STRENGTH CONTINUED INTO Q3<sup>1</sup> (%) (\$NZ billion, chain prices) 6.0 **Unemployment rate** 70 **NZ GDP** 5.0 66 62 3.0 58 2.0 54 1.0 50 0.0 Jun-19 Mar-20 Jun-19 Dec-19 Jun-20 Dec-20 Jun-21



#### IMPACT OF LATEST LOCKDOWN: WHILE SMALLER THAN IN 2020 STILL LARGE; RECEDING AS RESTRICTIONS EASE<sup>2</sup>

Total card spending (first four weeks of year = 100)

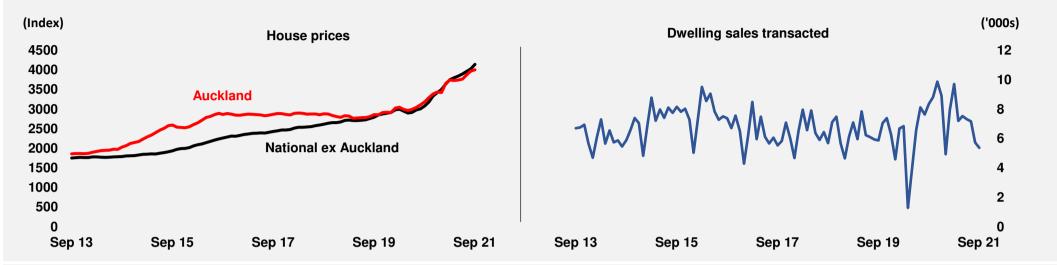


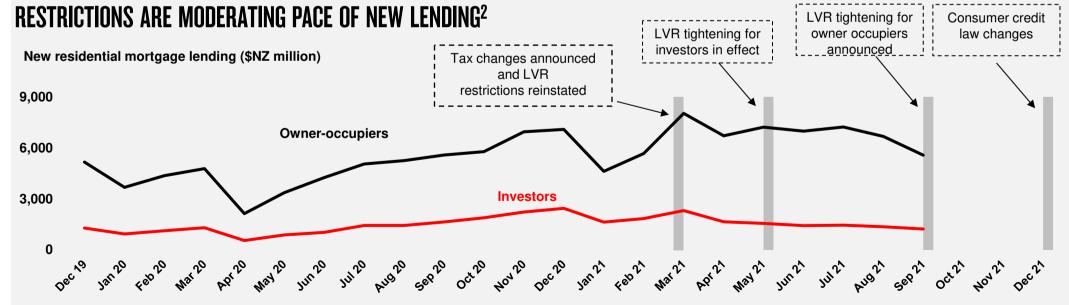
- (1) Source: Refinitiv, Statistics NZ
- Source: BNZ; weekly card spending by BNZ customers through New Zealand merchants. This includes all credit and debit card transactions plus EFTPOS card transactions. Transactions include spending less any refunds. Spending data has been indexed to 100 in the first four weeks in each series. Dates displayed are for 2021 (2019 begins week ended 4-Jan, 2020 3-Jan).
- (3) Source: Fonterra (milk price) FY20/2021 final price of \$7.74 p.kg includes dividend of \$0.20 p.kg. FY21/22 forecast payout ratio of \$8.40 p.kg is mid point of current forecast payout range
- Source: Dairy NZ estimated cost of production



## **NEW ZEALAND HOUSING**

#### HOUSING MARKET VERY STRONG; PRICES KEEP GROWING THROUGH LOCKDOWN AS SALES VOLUMES FALL<sup>1</sup>





(1) Source: Refinitiv, REINZ



<sup>(2)</sup> Source: RBNZ. Consumer credit law changes include changes to the Credit Contracts and Consumer Finance Act

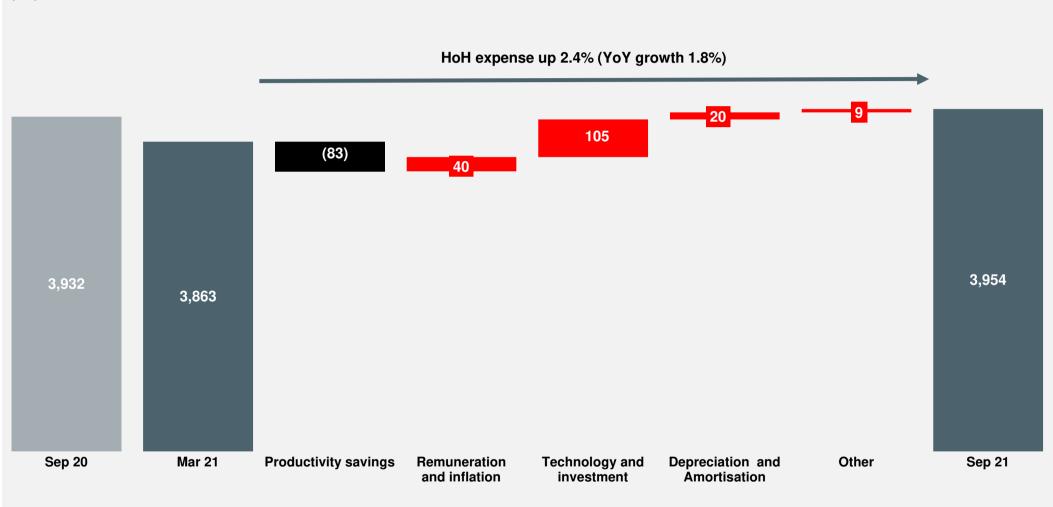


# OTHER INFORMATION

## **OPERATING EXPENSES - HALF ON HALF**

# OPERATING EXPENSES (EX LARGE NOTABLE ITEMS)<sup>1</sup>

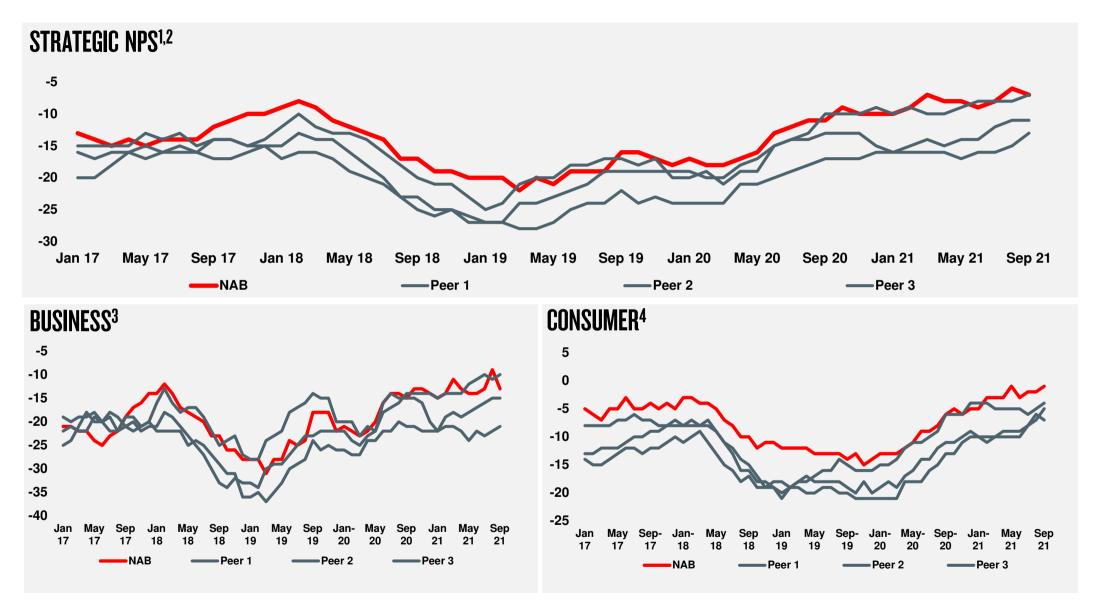
(\$m)



<sup>(1)</sup> Refers to large notable items in FY20. No notable items in FY21



## STRATEGIC NPS EQUAL FIRST BUT MORE WORK TO DO TO ACHIEVE POSITIVE



- (1) Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld
- (2) Strategic NPS: Sourced from DBM Atlas, measured on 6 month rolling average. The overall Strategic NPS result combines the Consumer and Business segment results using a 50% weighting for each. Net Promoter Score (NPS) is based on all customers' likelihood to recommend on a scale of 0 (not at all likely) to 10 (extremely likely)
- (3) September 2021. Source: DBM Atlas Business. All Business customers, six month rolling averages
- (4) September 2021. Source: DBM Atlas Consumer. All Consumer customers, Australian population aged 18+, six month rolling averages



#### GROUP CASH EARNINGS RECONCILIATION TO STATUTORY NET PROFIT

- NAB uses cash earnings (rather than statutory net profit attributable to owners of NAB) for its internal management reporting purposes and considers it a better reflection of the Group's underlying performance. Accordingly, information is presented on a cash earnings basis unless otherwise stated.
- Cash earnings 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 discontinued operations and certain other items which are included within the statutory net profit attributable to owners of NAB. These non-cash earning items, and a reconciliation to statutory net profit attributable to owners of NAB, are presented in the table below.
- The definition of cash earnings is set out on page 10 of the 2021 Full Year Results Management Discussion and Analysis, and a discussion of non-cash earnings items and a full reconciliation of the cash earnings to statutory net profit attributable to owners of NAB is set out on pages 75 77 of the same document. The Group's financial statements, prepared in accordance with the Corporations Act 2001 (Cth) and Australian Accounting Standards, and is audited by the auditors in accordance with Australian Auditing Standards, are set out in the 2021 Annual Financial Report.

	FY21 (\$m)	FY21 v FY20	2H21 (\$m)	2H21 v 1H21
Cash earnings	6,558	76.8%	3,215	(3.8%)
Non-cash earnings items (after tax)				
Distributions	13	(66.7%)	-	large
Hedging and fair value volatility	(63)	85.3%	63	large
Amortisation of acquired intangible assets	(4)	(98.2%)	(4)	large
Acquisition, integration and transaction costs	(33)	large	(33)	large
Net profit from continuing operations	6,471	85.0%	3,241	0.3%
Net loss attributable to owners of NAB from discontinued operations	(107)	(88.6%)	(85)	large
Statutory net profit attributable to owners of NAB	6,364	large	3,156	(1.6%)



# **ABBREVIATIONS**

ALA	Alternative Liquid Assets
AML	Anti Money Laundering
CET1	Common Equity Tier 1 Capital
CIC	Credit impairment charge
CLF	Committed Liquidity Facility
СР	Collective Provision
СТІ	Cost to income ratio
DPD	Days Past Due
DRP	Dividend Reinvestment Plan
EAD	Exposure at Default
EA	Economic Adjustment
ECL	Expected Credit Losses
EOFY	End Of Financial Year
EPS	Earnings Per Share
FTEs	Full-time Equivalent Employees
GHG	Greenhouse Gas
GIAs	Gross Impaired Assets
GLAs	Gross Loans and Acceptances
HQLA	High Quality Liquid Assets
IRB	Internal Ratings Based approach

KYC	Know Your Customer
LCR	Liquidity Coverage Ratio
LGD	Loss given default
LVR	Loan to Value Ratio
МТМ	Mark to market
NBI	Non Bearing Interest
NCO	Net Cash Outflow
NII	Net Interest Income
NILS	No Interest Loan Scheme
NPS	Net Promoter Score
NSFR	Net Stable Funding Ratio
OIS	Overnight Index Swap
001	Other Operating Income
PD	Probability of Default
RMBS	Residential Mortgage Backed Securities
ROE	Return on Equity
RWAs	Risk-weighted assets
SFI	Stable Funding Index
SHL	Simple Home Loans
SME	Small and Medium Enterprise
TFF	Term Funding Facility



## **DISCLAIMER**

The material in this presentation is general background information about the NAB Group current at the date of the presentation on 9 November 2021. The information is given in summary form and does not purport to be complete. It is intended to be read by a professional analyst audience in conjunction with the verbal presentation and the 2021 Full Year Results Management Discussion and Analysis (available at www.nab.com.au). 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. No representation is made as to the accuracy, completeness or reliability of the presentation.

This presentation contains statements that are, or may be deemed to be, forward looking statements. These forward looking statements may be identified by the use of forward looking terminology, including the terms "believe", "estimate", "plan", "project", "anticipate", "expect", "target", "intend", "likely", "may", "will", "could" or "should" or, in each case, their negative or other variations or other similar expressions, or by discussions of strategy, plans, objectives, targets, goals, future events or intentions. Indications of, and guidance on, future earnings and financial position and performance are also forward looking statements. You are cautioned not to place undue reliance on such 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. There can be no assurance that actual outcomes will not differ materially from these statements.

There are a number of other important factors that could cause actual results to differ materially from those projected in such statements, including (without limitation) a significant change in the Group's financial performance or operating environment; a material change to law or regulation or changes to regulatory policy or interpretation; and risks and uncertainties associated with the ongoing impacts of the COVID-19 pandemic, the Australian and global economic environment and capital market conditions. Further information is contained in the Group's Annual Financial Report for the 2021 financial year, which is available at www.nab.com.au.

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