

# HALF YEAR RESULTS 2020

## **INVESTOR PRESENTATION**

Ross McEwan Group Chief Executive Officer

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Gary Lennon Group Chief Financial Officer

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## NAB 2020 HALF 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 107 for legal disclaimer.

Financial information in this presentation is based on cash earnings, which is not a statutory financial measure. Refer to page 104 for definition of cash earnings and reconciliation to statutory net profit.

#### Overview

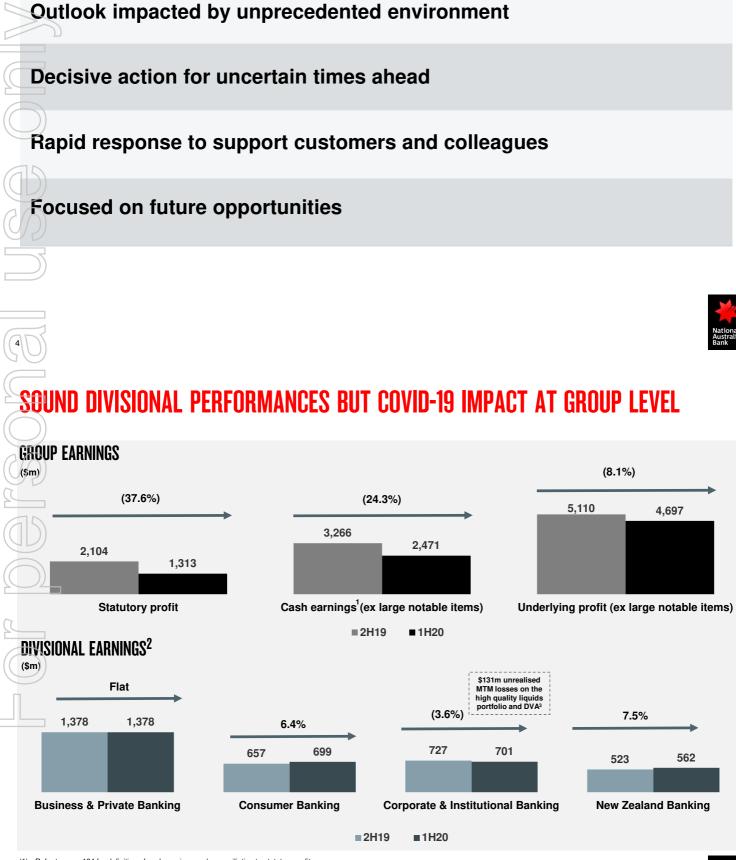
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# **OVERVIEW**

ROSS McEWAN Group Chief Executive Officer

### **KEY MESSAGES**



Sound underlying performance but COVID-19 impact at Group level

(1) Refer to page 104 for definition of cash earnings and reconciliation to statutory profit

Results in local currency. Divisional earnings exclude increase in forward looking collective provision economic adjustment
 Pre-tax impact in 1H20



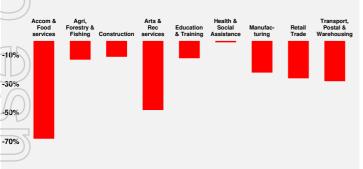


### **UNCERTAIN ECONOMIC OUTLOOK**

#### COMMENTS

- Efforts to contain COVID-19 have had an unprecedented impact on the economy
- Duration and magnitude of impact highly uncertain depends on the timing and phasing of the recovery and the effectiveness of government support
- Expect unemployment to rise sharply to 11.7% by June and progressively reduce in 2021<sup>1</sup>
- GDP expected to rebound in Q4 but some sectors will face longer term impacts and structural change

### PAYMENT INFLOWS INTO NAB MERCHANTS - APRIL Yoy2



Source: NAB Economics - Mar-20 onwards represents forecasts (1)

Represents change in payment inflows by industry for the month of April 2020 compared to April 2019. April 2020 data extrapolated based on actuals to 19 April 2020. Payment Inflows are credits to a NAB merchant's account that are not financing credits from NAB or a transfer from related accounts Chart shows forecast GDP levels indexed to actual Dec-19 GDP. Forecasts are from NAB Economics (2)

(3)

## **DECISIVE ACTION FOR UNCERTAIN TIMES AHEAD**

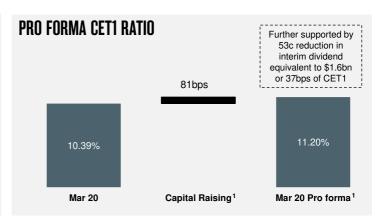
### **CAPITAL RAISING**

6

- Underwritten \$3bn institutional placement and nonunderwritten share purchase plan targeting to raise approximately \$500m
- Provides a CET1 buffer in an uncertain environment and enables continued support for customers
- Sizing seeks to provide buffer to assist with credit losses and RWA increases which could occur under a range of scenarios including a severe and prolonged downturn
- Strong capital position post capital raising, with a pro forma CET1 of 11.20%1

### DIVIDEND SETTINGS

- 30c Interim dividend, fully franked, reflecting a payout ratio of 35%<sup>2</sup>
- Difficult decision which reflects a balance between returning capital to our shareholders and retaining a strong balance sheet in this environment
- DRP open, 0% discount .
- Currently expect to continue to pay a dividend but Board decision will be subject to regulatory requirements, the environment and performance at the time
- Assumes \$3bn placement and \$500m raised under share purchase plan Excluding large notable items



### **PROVISIONING STRENGTHENED**

Collective provision balances (\$m)

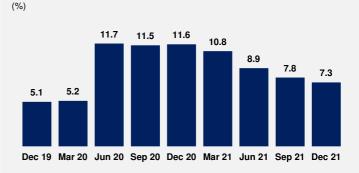


Collective Provision EA top-up (COVID-19) Collective provision FLAs Collective provisions

- Economic Adjustment top-up (COVID-19) of \$807m
- Total EA balance \$1,473m, 33% of CP



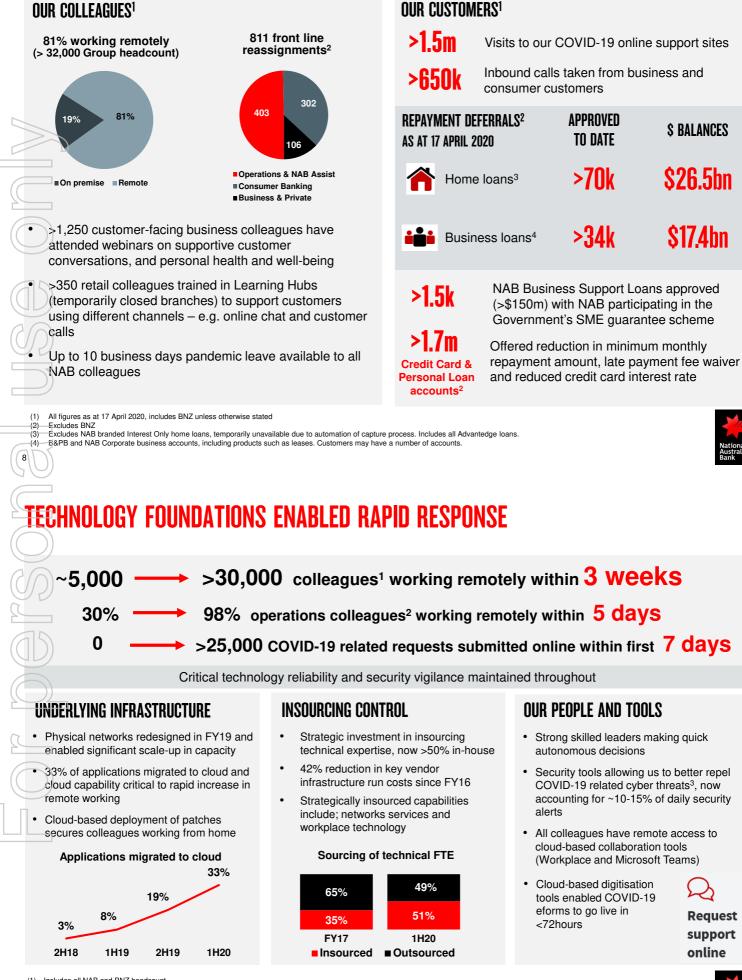
#### UNEMPLOYMENT TO PEAK IN MID-2020<sup>1</sup>



### GDP BACK TO 'PRE COVID-19' LEVELS BY EARLY 2022<sup>3</sup>



### SUPPORTING OUR COLLEAGUES AND OUR CUSTOMERS



Includes all NAB and BNZ headcount

Examples include malicious COVID-19 titled emails sent to colleagues and phishing related websites targeting customers

<sup>(2</sup> Australian Business and Consumer operations, excludes Corporate & Institutional and BNZ (3

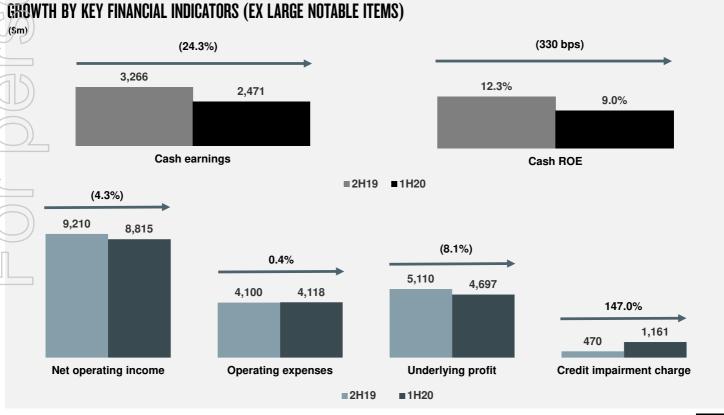




# **1H20 FINANCIALS**

GARY LENNON Group Chief Financial Officer

### **GROUP FINANCIAL PERFORMANCE**

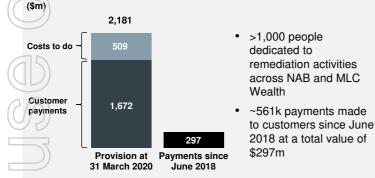




### LARGE NOTABLE ITEMS

#### CUSTOMER-RELATED REMEDIATION PROVISION CHARGES<sup>1</sup> (\$m) 775 325 261 293 709 46 279 261 202 2H19 1H20 2H18 1H19 Wealth Banking

### PROVISIONING AND UTILISATION



Charges are post-tax and exclude amounts taken through discontinued operations.

Charges are post-tax and exclude amounts taken through discontinued operations.
 Calculated using the average capitalised software balance for the period divided by an annualised amortisation charge excluding accelerated amortisation for FY19 and 1H20.

**CAPITALISED SOFTWARE POLICY CHANGE** 

projects less than \$5 million

forward' basis of 4.4 years

6.7

FY17

7.5

FY16

Minimum threshold at which software is to be capitalised increased from \$2 million to \$5 million Reflects a change in approach to managing projects

6.1

FY18

which is intended to uplift business accountability for

Policy change results in an implied useful life on a 'go

Average implied useful life of software<sup>2</sup>

4.6

**FY19** 



Useful life

calculated

on a spot

basis

4.4

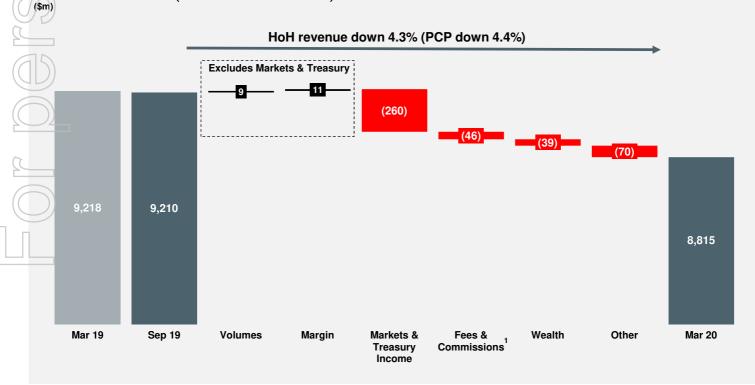
1H20

5.5

1H20

## REVENUE IMPACTED BY MARKET VOLATILITY

### NET OPERATING INCOME (EX LARGE NOTABLE ITEMS)





Excludes Markets & Treasury income (1)

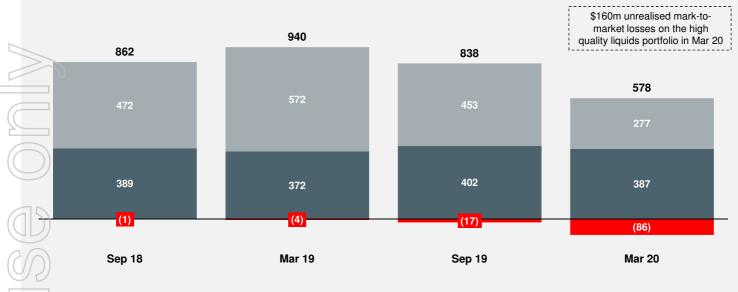
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### **MARKETS AND TREASURY INCOME**

#### **GROUP MARKETS & TREASURY INCOME**

(\$m)

14

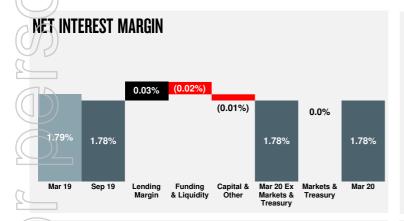


■ Derivative Valuation Adjustment<sup>1</sup> ■ Customer Risk Management<sup>2</sup> ■ NAB Risk Management<sup>3</sup>

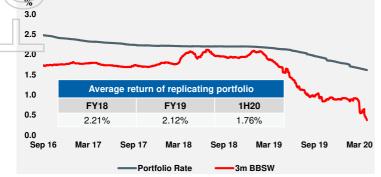
(1) Derivative valuation adjustments include credit valuation adjustments and funding valuation adjustments

(2) Oustomer risk management comprises OOI
 (3) NAB risk management comprises NII and OOI and is defined as management of interest rate risk in the banking book, wholesale funding and liquidity requirements and trading market risk to support the Group's franchises

### NET INTEREST MARGIN



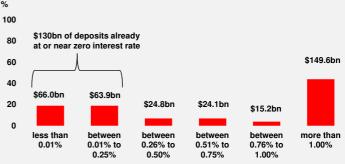
### CAPITAL & DEPOSIT HEDGES - REPLICATING PORTFOLIOS<sup>1</sup>



#### **KEY CONSIDERATIONS**

- 2H20 impact from low rate environment in Australia and NZ expected to be ~5bps HoH including replicating portfolio
- \$75bn replicating portfolio provides 3.6 year average hedge for capital (\$36bn) and low rate deposits (\$39bn); current swap rates ~125bps below portfolio rate
- · Term deposits portfolio costs trending higher
- Access to TFF provides funding benefit over time
- Domestic short term wholesale funding costs at historic lows

### CUSTOMER DEPOSITS BY INTEREST RATE<sup>2</sup>

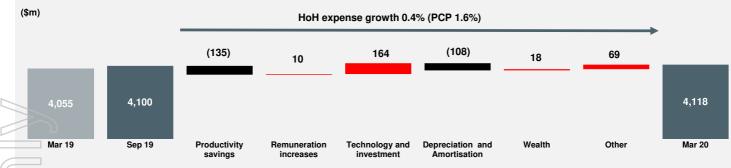


Blended replicating portfolio earnings rate (Australia only). Replicating portfolio includes capital and non-interest bearing deposits
 Australia only, as at 31 March 2020, Customer deposits exclude home loan offsets

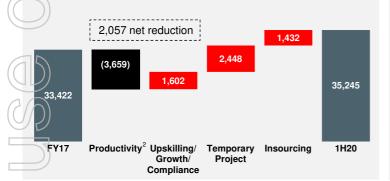
National Australia Bank

### **OPERATING EXPENSES**

### **OPERATING EXPENSES (EX LARGE NOTABLE ITEMS)**



#### CUMULATIVE FTE CHANGE SINCE SEP 17



(1) Refer to key risks, qualifications and assumptions in relation for forward-looking statements on page 107 (2) Represents net of FTE simplification offset by BAU hires

## SOLID PROGRESS ON TRANSFORMATION

#### **COST MANAGEMENT AND PRODUCTIVITY SAVINGS**

'Broadly flat' expenses target<sup>1</sup> achieved FY19

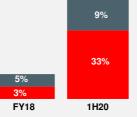
On-track to achieve cumulative cost savings target of >\$1bn



Cumulative cost savings

### CLOUD FIRST AGENDA

- 33% IT applications migrated to the cloud
- 9% reduction in IT legacy applications since FY17
- Increased reliability for apps migrated to cloud and lower run cost
- 74% reduction in critical and high severity incidents since FY17



Reduction in total Applications
 Applications migrated to the cloud

#### FTE & OTHER CONSIDERATIONS<sup>1</sup>

- 1H20 productivity impacted by restructuring freeze for bushfires & COVID-19, plus hires in technology, operations and risk
- Upskilling/Growth/Compliance hires unlikely to increase
- Unlikely to achieve FY20 cumulative target of 4,000 FTE reduction by end FY20, but further opportunities exist into FY21
- Continue to target FY20 project investment spend of \$1.4-1.5bn (1H20 \$751m)



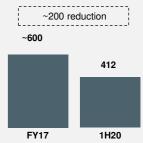
#### SIMPLER AND FASTER

- >250 fees removed or reduced since Sep 18<sup>2</sup>
- 63% of simple consumer product sales are now via digital against 65% target
- 35% reduction in OTC transactions

#### **BEST BUSINESS BANK**

- Broadened and deepened industry specialisation
- Improved digital and decisioning
- Strengthened small business proposition
- ~20% increase in revenue per banker since FY17

#### Total # of products



#### % of revenue by specialised banker



Generalist

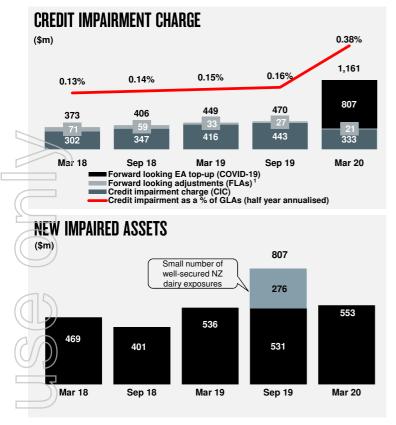
Generalist banker with industry focus
 Specialised



Excluding large notable items
 Across Australian Banking and Wealth

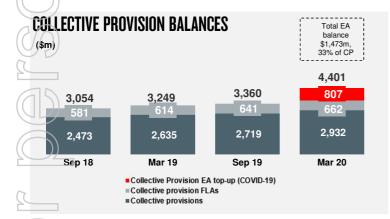
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### ASSET QUALITY REMAINS SOUND BUT OUTLOOK UNCERTAIN



Represents collective provision Forward Looking Adjustments (FLAs) for targeted sectors
 Represents total credit impairment charge less EA top-up as a percentage of GLAs (half year annualised)

## **PROVISIONING STRENGTHENED**



### TARGETED SECTOR FORWARD LOOKING ADJUSTMENTS



#### ECONOMIC ADJUSTMENT CONSIDERATIONS

- Underlying CIC remains low at 12bps<sup>2</sup> of GLAs
- Increased likelihood in forward outlook of potential portfolio stress given assessment of broader macro economic environment over short and medium term
- Forward looking Economic Adjustment (EA) top-up of \$807m to reflect potential impact of COVID-19 on broader macro economic environment

### 90+ DPD, GIAs & WATCH LOANS AS A % OF GLAs



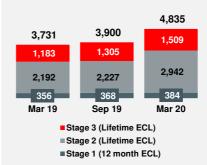


#### **COLLECTIVE PROVISIONS COVERAGE**



■ Collective Provisions as % of Credit Risk Weighted Assets ■ Collective Provisions as % of GLAs

### PROVISIONS BY STAGE<sup>1</sup> – LOANS AT AMORTISED COST<sup>2</sup>



- 1H20 increase reflects EA top-up (COVID-19)
- No automatic migration from stage 1 to stage 2 as a result of COVID-19 repayment deferrals
- Stage 2 accounts for 61% of provisions, includes majority of FLAs and EA
- Stage 1 & Stage 2 CP cover to Credit Risk Exposures of 0.43%

National Australia Bank

Stage 1: Credit risk not increased significantly since initial recognition. Stage 2: Credit risk increased significantly since initial recognition but not credit impaired. Stage 3: Credit impaired
 Excludes Collective Provision on loans at fair value and derivatives which are not allocated to a stage under the Expected Credit Loss (ECL) model

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### ECONOMIC ADJUSTMENT TOP-UP

### **EXPECTED CREDIT LOSS (ECL) SENSITIVITY**

	Total Provisions for Expected Credit Losses (ECL) <sup>1</sup>					
\$m	1H20 (probability weighted)	100% Base case	100% Severe Downside			
Housing	1,150	968	3,395			
Business	3,275	3,025	3,830			
Total Group	4,835	4,391	7,855			
Implied EA top-up (change vs Sep 19)	807	363	3,827			

#### KEY ASSUMPTIONS

$\mathcal{D}$	Base	e case	Severe downside			
16	2020	2021	2020	2021	2022	
GDP change YoY %	(3.0)	3.4	(3.0)	(2.5)	2.0	
Unemployment	11.6	7.3	7.4	10.0	10.4	
House price change YoY %	(10.0)	2.6	(20.9)	(11.8)	2.5	

#### CONSIDERATIONS IN ESTIMATING EXPECTED CREDIT LOSSES

- Updated forward looking macro-economic data and assumptions including potential impacts of COVID-19 pandemic
- Incorporates assumptions about migration of exposures between Stage 1 (12 month expected losses) to Stage 2 (lifetime expected losses) and Stage 3 (lifetime expected losses), and payment deferral uptake and recoveries
- Uncertainty exists re duration of COVID-19 restrictions, • impact of government stimulus and regulatory actions
- ECL outcome reflects impact of 3 probability weighted EA scenarios (base, upside, severe downside) plus FLAs for emerging risks at industry, geography or segment level
  - ECL base case reflects COVID-19 estimated impacts
  - · ECL severe downside: more prolonged and severe downturn, sustained negative GDP change, elevated (double-digit) unemployment, acute asset value falls
- 1H20 EA top-up reflects deterioration in base case assumptions and increased weighting to severe downside scenario vs Sep 19

(1) Expected credit losses (ECL) excludes collective provisions on fair value loans and derivatives. Scenarios, prepared for purposes of informing forward looking provisions, rely on NAB Economics modelling and management judgement

EAD Portfolio by sector Mar 20



### COVID-19 SECTORS OF INTEREST

### **RETAIL TRADE (~3% OF NON RETAIL EAD)**



Discretionary

20



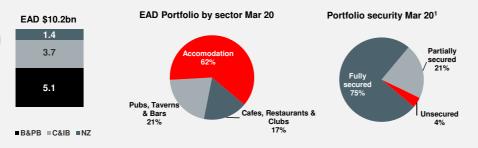
EAD \$14.6bn





- Retail Trade portfolio experience is • mixed: ~52% is discretionary retail, while non-discretionary component likely to be less impacted
- Department store exposure ~\$150m
- Household consumption growth was already at slowest pace since 1990s recession pre COVID-19
- Provisioning includes \$134m FLA

### ACCOMMODATION & HOSPITALITY<sup>2</sup> (~2% OF NON RETAIL EAD)



- · Hospitality portfolio materially impacted by government restrictions
- Credit impacts will be dependent on length of continued shutdowns, speed of recovery and mitigating impact of government support

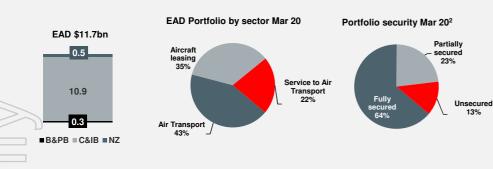
(1) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of rity; Unsecured is where no security is held and/or no value held against the security and negative pledge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



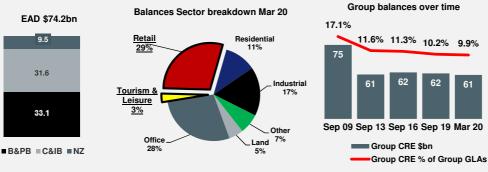
Retail Trade and Accommodation & Hospitality are aligned to Regulatory Industry Classifications. Discretionary / Non-discretionary Retail Trade determined at an individual ANZSIC code level (2)

### **COVID-19 SECTORS OF INTEREST**

### AIR TRAVEL & RELATED SERVICES<sup>1</sup> (~2% OF NON RETAIL EAD)



### COMMERCIAL REAL ESTATE<sup>3</sup> (~15% NON RETAIL EAD)



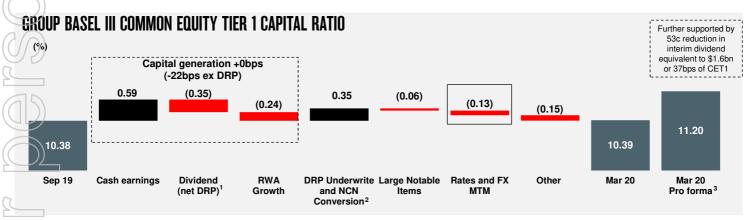
- · Portfolio includes lending to airlines, aircraft leasing and airports
- · Lending is to highly rated counterparties (82% Investment Grade)
- Rate of recovery post COVID-19 ٠ will be slower than for domestic industries
- CRE book remains diversified by geography and sector
- Largest sector exposures are in Retail & Tourism (32% of CRE balances) and Office (28%). Short term and long term impacts of COVID-19 across CRE book remain uncertain
- Portfolio is 89% investor, 11% • developer
- Australian residential development apartment limits are down ~42% since March 2019

Air Travel and related services defined based on relevant ANZSIC codes

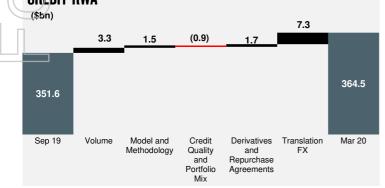
(2) Full Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge arrangements are normally in place. Bank extended value is calculated as a discount to market value based on the nature of the underlying security (3) Measured as EAD / drawn balances outstanding per APRA Commercial Property ARF 230 definitions

## CAPITAL

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**CREDIT RWA** 



#### **CAPITAL CONSIDERATIONS**

- APRA allowance for some of the 150bps of 'unquestionably strong' buffers to be utilised
- Strong expected FY20 Australian business lending growth (~13-16%) has limited capital implications as mostly relates to drawdowns where capital is already held or low RWA sectors
- Pro forma CET1 ratio 11.2% assuming \$3.5bn equity raising<sup>3</sup> (+81bps)
- CET1 drag from FX and MTM on high quality liquids (cash . earnings, reserves & CRWA impacts) 21bps, EA top-up 19bps

- Net of 1.5% discount (1)
- DRP underwrite (17bps) and NCN conversion (18bps) (2) (3)

Assumes \$3bn place ment and \$500m raised under share purchase plan

### **CRWA SENSITIVITY**

#### **CREDIT RWA SENSITIVITY**

1% increase in density drives ~20bp CET1 ratio decline

	Credit RWA/EAD (%)					
	Credit		Deterioratio	n over 2 yrs		
	EAD \$bn	Mar 20	Low end	High end		
Housing <sup>1</sup>	389	28	31	35		
Business <sup>1</sup>	351	56	63	72		
Total Group	937	39	43	48		
Pro forma Mar 20 CET1 impact			~(80bps)	~(180bps)		

#### SECTOR RISK AND SECURITY CONSIDERATIONS



#### **CRWA METHODOLOGY**

- CRWA/EAD increases happen over time as deterioration occurs
- · CRWA based on through-cycle PDs and downturn LGDs:
  - PDs increase as customer credit risk scores deteriorate
  - LGDs increase as value of security declines
- · Housing key drivers: unemployment, house prices
- Business key drivers: range of increasing stress relating to COVID-19 industry risk categorisations

#### COVID-19 MODELLING

- Business portfolio segmented into 4 'at-risk' classifications relating to potential COVID-19 impacts: Very High, High, Medium, Low
- Uncertainty exists regarding duration of COVID-19, resulting ٠ disruption to economy and efficacy of government stimulus
- Sensitivities reflect a sharp decline in 2020 environment with a broader business recovery in 2021, and include:
  - Range of PD stress depending on industry classification
  - Range of LGD stress reflecting ~30% asset price fall in High End scenario
  - Mortgage implied default rate (based on payment deferral & take-up assumptions) increasing by 3x for Low End and 6x for High End scenario
- CRWA/EAD increase expected to emerge over 2 year period

(1) Housing includes IRB Residential mortgages asset class. Business includes IRB Corporate (incl. Corporate SME) and Specialised Lending asset classes (2) Australia only. 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 24 (3) The classifications for each industry expresent a ranked assessment of potential impact COVID-19 pandemic will have on their financial performance. These assessments remain highly uncertain, and are likely to change as the pandemic evolves



## FUNDING AND LIQUIDITY POSITION IS STRONG

#### KEY MESSAGES

•

Liquidity Coverage Ratio (136%)<sup>1</sup> and Net Stable Funding Ratio (116%) well above regulatory minimums

- Approved CLF of \$55.1bn for 2020
- \$12.2bn of term wholesale funding issued in 1H20, including \$2.5bn of subordinated debt<sup>2</sup>
- Strong deposit inflows since market volatility emerged, particularly from Corporate & Institutional customers
- RBA Term Funding Facility provides flexibility to manage refinancing risk
- High Quality Liquid Assets increased

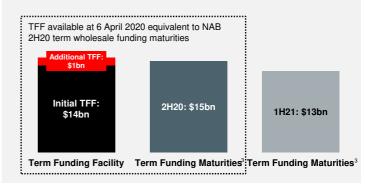
#### **LIQUID ASSET PORTFOLIO** (\$bn)



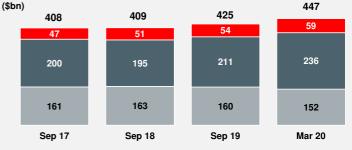
Government, Cash & Central Bank Bank, Corporates & Other Internal RMBS (post haircuts)

- Quarterly average Excludes Additional Tier 1 Excludes BNZ maturities (1)
- (2)
- (3)

### TERM FUNDING FACILITY



#### **DEPOSIT PORTFOLIO**



Term Deposits Deposits Not Bearing Interest On Demand and Savings Deposits





## OUR AMBITION FOR NAB

### To serve customers well and help our communities prosper

To invest in our colleagues and customers, the 'twin peaks' of our strategy

To be **safe**; protecting customers and colleagues through financial and operational resilience

To be **easy**; a simpler, more seamless and digitally enabled bank that gets things done faster

To be relationship-led; building on market-leading expertise, data and insights

Making the decisions for the **long-term** to deliver sustainable outcomes for our stakeholders



### DISCIPLINED INVESTMENT AND SAFE GROWTH

Four month strategy review complete: clear and **compelling value opportunity** 

Building a bank to improve outcomes for **customers**, **colleagues and shareholders**, with strong capital and liquidity

Managed within the current annual investment level

Continuing focus on cost

Positioning ourselves for return to growth post COVID-19

Maximising organic capital generation

## KEY OBSERVATIONS

#### **GOOD BUSINESSES**

#### #1 Australian Business Bank<sup>1</sup>



~25% share in Small and Medium business<sup>1</sup>

~30% revenue via our specialised bankers

Leading Corporate & Institutional Bank

> Strong relationship strength

#### Potential to grow personal banking



#### **BNZ** well positioned



#2 NPS<sup>2</sup> in SME<sup>4</sup> Consistently growing above housing system

SOLID TECHNOLOGY FOUNDATIONS

- Significant investments in technology modernisation and resilience
- Strategic insourcing and workforce upskilling
- Data foundations built enabling advanced analytics and machine learning

#### **AREAS FOR IMPROVEMENT**

#### For our customers

- Complex products and interactions
- Slow to respond and then deliver in key customer experiences
- Inconsistent experiences from bankers and channels
- NPS still negative
- Historically low market share among younger customers

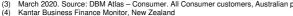
#### For our colleagues

- Enablement challenges driving low engagement
- Underinvested in colleague tools and development
- Accountabilities not always clear and decision-making too slow
- Too many 'priorities' and competing interests

#### For our shareholders

Peer lagging organic capital generation and EPS growth

March 2020 DBM Business Financial Services Monitor, APRA Aligned Lending Market Share. Australian businesses with an aligned product, excluding Finance & Insurance and Government. APRA Aligned Lending market share is based on the total lending dollars held at the financial institution, divided by the total lending dollars held at financial institutions reporting to APRA, with products and FIs aligned as closely as possible to APRA definitions and inclusions. Data is on a 12-month roll, weighted to the Australian business population. Small Business (\$0.1m-<\$5m) and Medium Business (\$5m-<\$50m) (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 March 2020. Source: DBM Atlas – Consumer. All Consumer customers, Australian population aged 18+, six month rolling averages Kantar Business Finance Monitor, New Zealand







### WE HAVE OPPORTUNITIES TO GROW OUR CORE BUSINESSES

#### OUR KEY AREAS OF FUTURE FOCUS

BUSINESS & Private Banking	CORPORATE & Institutional Banking	PERSONAL Banking	BNZ	UBANK
Clear market leadership <sup>1</sup> Core of the NAB Group Industry-leading relationship bankers, enabled by data integrated HNW proposition	Disciplined growth Highly professional relationship managers and specialists Leadership in infrastructure, investors, sustainability	Simple & digital Radically simpler with digital-first propositions Easy customer experience One single mortgage experience for NAB	Grow in Personal & SME Simpler, more focused bank Re-weighted to less capital intense segments Step change in digital banking capability	New customer acquisition New propositions driving customer acquisition Market leading digital experience Ambition to expand into micro- business
	Enhanced transactional banking and asset distribution capability			

(1) As measured by DBM BFSM market survey

## FOCUS AND CLARITY WILL BE KEY

## BUSINESS

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## Working on what matters most, not everything

- Fewer projects, supported
   with differential investment
  - Fewer systems, products, and policies
- Simplified business (e.g., completion of MLC Wealth separation)

CHANGE Delivery Model

## Cross-functional teams with persistent funding

- Aligned outcomes with shared KPIs across technology and business leaders
- Consistent change methodology
- Simplified governance
- Insourcing of strategic capabilities

### ORGANISATIONAL ENABLERS

## Simplified model with clear accountability

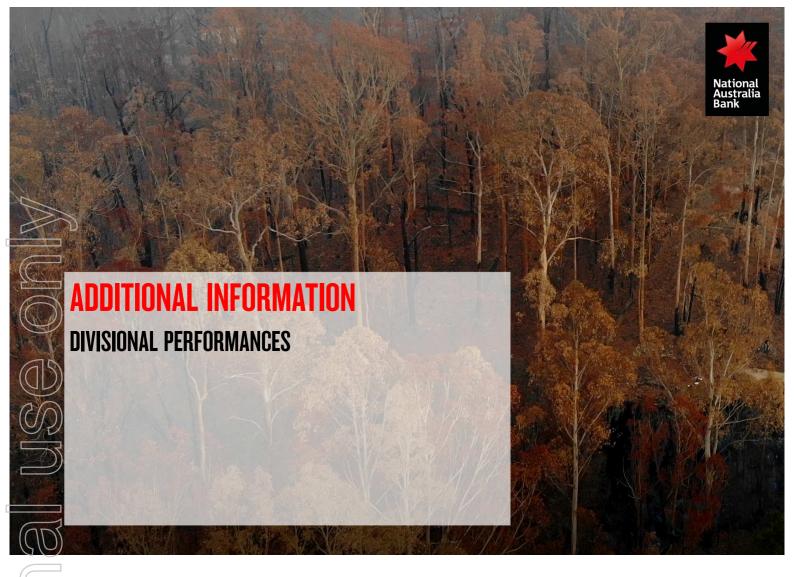
- End-to-end business units
- Single point of accountability for each strategic priority
- Leaders empowered to enable faster decisionmaking
- Improved management information



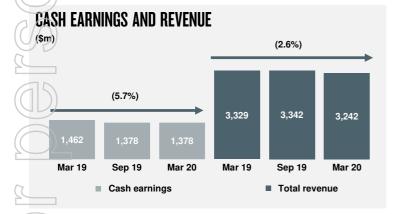
### **ORGANISATIONAL STRUCTURE DESIGNED FOR CUSTOMERS**

BUSINESS & PRIVATE RANK	CORPORATE & Institutional Banking	PERSONAL Banking	BNZ	UBANK	MLC WEALTH
Cus		nclude product, dis perience and divisi		tions,	
Strategy & Innovation E	Technology & nterprise Operatio	<b>ENABLING UNITS</b> ns Finance P	'eople Risk	Commercial Services	
Five end-to-end b	<b>usinesses,</b> desig	gned around our cl	ustomers		
Enabling units deli	vering common	activities at-scale	e across the Gro	oup	
Greater focus on d	igital and delivery	y by elevating UBa	ank and Strate	y & Innovation	
Note: MLC Wealth to be strengthened an	d then exited; organisational mo	del shown excludes other subsidiari	es		
CLOSING REMA	RKS – OUR IN	MMEDIATE PRI	ORITIES		
	Stren	gthen balance she	et		
SAFE		ain our risk setting		operationally	
	• Embe	ed new ways of wo	rking		
EASY	Unblo	ock, simplify and di	gitise key custo	mer experiences, st	arting with lending
	Orgar	nise around our cu	stomers in new	operating model	
	• Empo	ower our customer	-facing colleagu	es	
RELATIONSHIP-L	ED			ugh COVID-19 and	beyond
		erate innovation, d ess practices	ata/analytics, di	gitisation, and stren	gthen sustainable
LONG-TERM		ve greater cost an	d capital efficier	су	
	Progr	ess MLC Wealth s	eparation		





### **BUSINESS & PRIVATE BANKING**

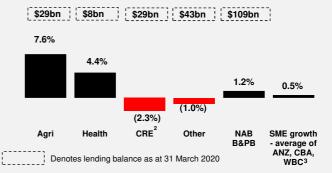


#### **BUSINESS AND HOUSING LENDING GLAS**



#### **NET INTEREST MARGIN** 2.94% 2.93% 2.92% 2.90% Mar 20 Sep 18 Mar 19 Sep 19

### AUSTRALIAN SME BUSINESS LENDING GROWTH (YOY)<sup>1</sup>



Growth rates are on a customer segment basis and not industry (1)

CRE primarily represents commercial real estate investment lending across a range of asset classes including Retail, Office, Industrial, Tourism and Leisure, and Residential Represents NAB internal estimates of SME business lending growth for ANZ, CBA and WBC based on latest publicly available peer data (2)

(3)

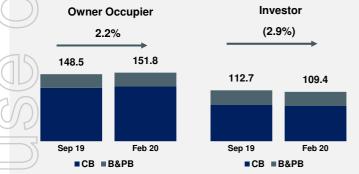


### **CONSUMER BANKING**

### CASH EARNINGS AND REVENUE

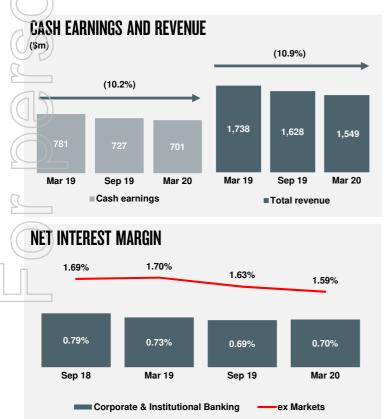


### HOUSING LENDING VOLUME GROWTH<sup>1</sup>



(1) APRA Monthly Authorised Deposit-taking Institution statistics February 2020

## **CORPORATE & INSTITUTIONAL BANKING**

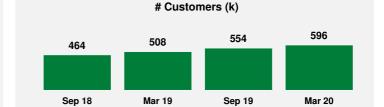


(1) Markets revenue represents Customer Risk Management revenue and NAB Risk Management Revenue. Includes derivative valuation adjustments



### UBANK – OUR DIGITAL BANK

- Home Loan GLAs up 14% HoH
- 17% growth in customer numbers over the year





#### **REVENUE BREAKDOWN<sup>1</sup>** (\$m) \$131m unrealised MTM losses on the high quality liquids (3.5%) portfolio and DVA in Mar 20 (34.5%) 1,326 1,298 1.279 Sep 19 Mar 19 Mar 20 Mar 20 Mar 19 Sep 19 Markets Revenue Other Revenue

### **RETURNS FOCUS**



- Adjusted return ex RWA change and unrealised losses on the high quality liquids portfolio and DVA



36

### **NEW ZEALAND BANKING**

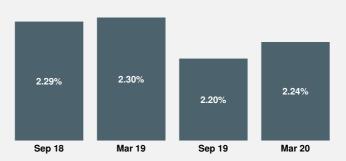
#### **CASH EARNINGS AND REVENUE** (NZ\$m)



### **BUSINESS & HOUSING LENDING GLAS**



#### NET INTEREST MARGIN



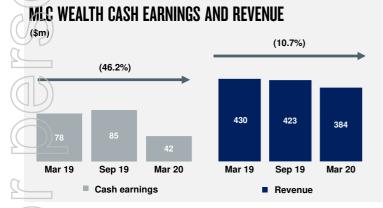
#### CREDIT IMPAIRMENT CHARGES AND AS A % OF GLAS (NZ\$m)



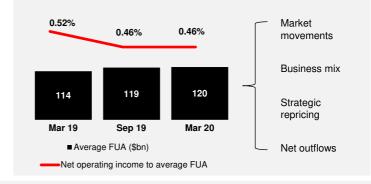


## MEC WEALTH

38



#### AVERAGE FUA AND MARGIN



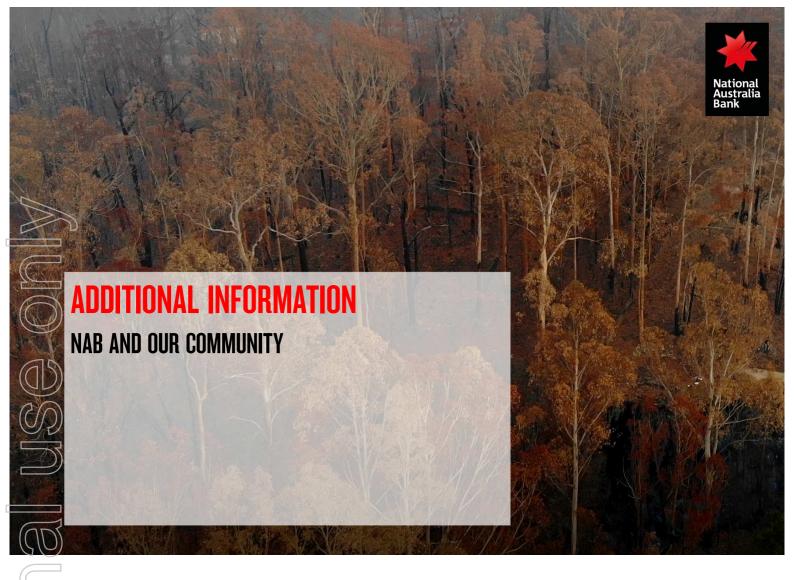
### STRATEGIC REPOSITIONING WELL PROGRESSED

Γ	Progressing towards	Advice	Platforms	Retirement & Investment Solutions	Asset Management
	separation, via public markets exit while exploring alternatives <sup>1</sup> MLC Wealth Executive Team now in place	<ul> <li>Implementation of new advice model well advanced, reducing risk and improving sustainability</li> <li>Enhanced compliance monitoring system in place</li> </ul>	<ul> <li>Launched new competitively priced Core Investment List for Wrap</li> <li>Repricing of key super and pension offerings and further Masterkey repricing</li> <li>Improving Wrap flows post repricing</li> </ul>	<ul> <li>\$105bn FUA, Market Share #2<sup>2</sup></li> <li>Corporate super FUA \$47bn, Market Share #1<sup>2</sup></li> <li>Modernising super offers including enhancing digital service options and tools</li> </ul>	<ul> <li>\$154bn AUM<sup>3</sup></li> <li>80.6% of AUM outperforming 3 year benchmark<sup>4</sup></li> <li>Rebranded Asset Management from NAB to MLC</li> <li>Launched new Private Equity Fund and expanding SMA capability</li> </ul>

(1) (2)

- Separation subject to market conditions, regulatory and other approvals Source: Strategic Insight Market Overview as at 31 December 2019, Platforms and Corporate Super Segments
- (3) Certain managed funds and assets are represented in both FUA and AUM meaning the two should not be summed. For March 2020 there has been a change in the way AUM is presented as a result of an internal reorganisation within MLC Wealth. Comparative period information has also been restated
- (4) This is a representative measure in AUM. Returns are gross of fees and tax, with outperformance measured against the respective benchmark return for the flagship products

39



### NAB AT A GLANCE

NAB AND OUR COMMUNITY

C	>35,000 Employees	~9 million Customers	-	78 siness centres		years eration
CASH EA	RNINGS DIVISIONAL S	PLIT <sup>1</sup>	Key Financial Data		11	120
	Corporate & Institutional Banking 28%	New Zealand Banking 22%	Cash Earnings		\$1,4	36 m
$\bigcirc$			Cash Earnings <sup>1</sup>		\$2,4	71 m
	Consumer Banking 28%	Corporate Functions & Other	Cash ROE <sup>1</sup>		9.0	)%
7		(36%)	Gross Loans & Acce	ptances	\$614 bn	
	Business & Private Banking	Wealth 2%	Non-performing loar	s to GLAs <sup>2</sup>	97 bps	
$(\bigcirc)$	56%		CET1 (APRA)		10.	4 %
<b>GROSS L</b>	OANS & ACCEPTANCE	S SPLIT	NSFR (APRA)		11	6 %
		Mortgages	Australian Market S	Share	As at Feb	ruary 2020
	Personal Loans 2%	56%	Business lending <sup>3</sup>		21.	8 %
			Housing lending <sup>3</sup>		14.9 %	
			Personal lending <sup>4</sup>		9.2	2 %
	Business Loans 42%		Credit Ratings NAB Ltd LT/ST <sup>5</sup>	S&P AA-/A-1+ (Negative)	Moody's Aa3/P-1 (Stable)	Fitch A+/F1 (Negative)

(1) (2) (3) (4) (5)

Numbers are shown excluding large notable items. Refer to page 104 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 On 7 April 2020, Fitch revised its long term rating of NAB from AA- to A+, and short term rating from F1+ to F1. Further, on 8 April 2020, S&P Global Ratings (S&P) revised its rating outlook of NAB from ADB from activity of the revised its long term rating of NAB from AA- to A+, and short term rating from F1+ to F1. Further, on 8 April 2020, S&P Global Ratings (S&P) revised its rating outlook of NAB from ADB from activity of the prevised its rating outlook of NAB from AA- to A+, and short term rating from F1+ to F1. Further, on 8 April 2020, S&P Global Ratings (S&P) revised its rating outlook of NAB from ADB from activity of the prevised its rating for the prevised its rati stable to negative 41



### **UPDATE ON SELF-ASSESSMENT AND ROYAL COMMISSION RESPONSE**

#### APRA SELF-ASSESSMENT RESPONSE

Enterprise-wide program led by ELT, overseen by NAB Board, with 150-strong working group

OUR SOCIAL IMPACT STRATEGY



#### **ROYAL COMMISSION RESPONSE**



76 Royal Commission recommendations

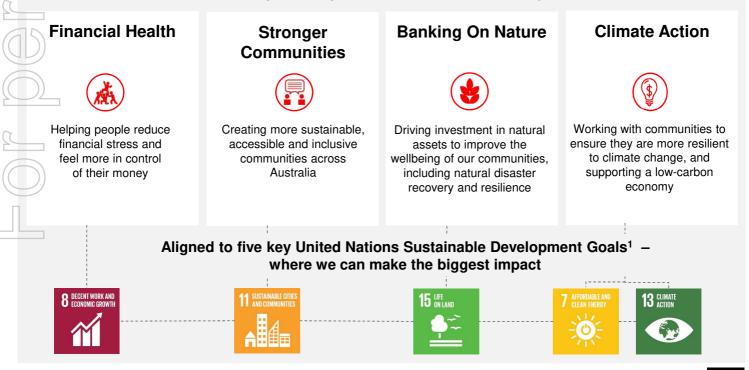
#### **Working with Government** To formulate legislation that addresses 22 of the Royal Commission recommendations

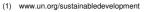
- **Default Interest** Ceased charging default interest to agri customers in drought declared and other natural disaster areas
- Greater access to banking services with new Banking Code of Practice adopted New measures to support vulnerable customers including new Framework for Customers Experiencing Vulnerability
- Indigenous services Created Indigenous Customer Service Telephone Line to improve access for Aboriginal and Torres Strait Islander customers, particularly those living in remote areas



NAB AND OUR COMMUNITY

### Our prioritised goals to address significant long-term environmental and social challenges facing our business and community





### **FINANCIAL HEALTH**

#### 1H20 HIGHLIGHTS

- Australian customers who received hardship assistance up >50% v 1H19, reflecting bushfires and COVID-19 support
- To date customers using Speckle loans have saved >\$1.3m in fees compared with standard payday lenders<sup>1</sup>
- First Australian bank to offer gambling control via app -• >20,000 customers switched on blocks on >25,000 cards
  - Responded to >180 calls per month on Indigenous Customer Service Telephone Line, launched in 2H19

### **CUSTOMER SUPPORT HUB**

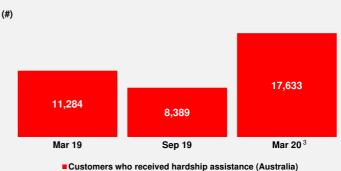
Specialist team of bankers dedicated to recognising and responding to signs a customer is experiencing vulnerability

>30% cases relating to domestic and family violence

44



#### FINANCIAL HARDSHIP ASSISTANCE



#### AUSTRALIAN MICROFINANCE LOANS



NAB-backed Speckle is a social enterprise offering fast, online cash loans of up to \$2,000. Cumulative savings calculated from August 2017

The DFVAG provides support for NAB customers who have recently experienced an escalation in physical violence and are assessed by CareRing as being at imminent risk of harm, but do not have the financial means or independence to escape/flee from the perpetrator. Percentage growth is based on grants approved in 1H20 v 2H19 -thcrease in hardship assistance largely reflects impact of bushfires in Dec-19 to Jan-20 and COVID-19 up to Mar-20

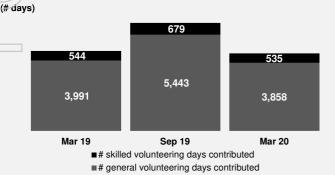
(3)

## STRONGER COMMUNITIES

#### 1H20 HIGHLIGHTS

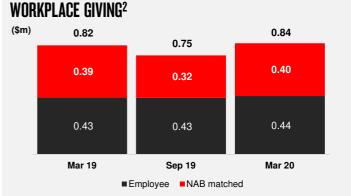
- S700k in NAB Foundation grants pledged to not-for-profit partners in April 2020 for COVID-19 support
  - \$2bn lending commitment to emerging technology companies by 2025 on track, with >\$500m to date provided to support the growing fintech sector
- Increased direct and indirect spend with Indigenous businesses - \$1.3m in 1H20, exceeding FY20 \$800k target<sup>1</sup>
- Product managers required to integrate accessibility in all new and reviewed products; Welcoming Customers With Disability training developed for ~400 branch employees

#### VOLUNTEERING IN OUR AUSTRALIAN COMMUNITIES



#### **AFFORDABLE HOUSING**

- \$2bn financing by 2023 pledged in Oct 19 to support the social and affordable housing sector in Australia
- Commitment addresses one of five key shifts identified in the Australian National Outlook 2019 report - a collaboration between CSIRO, NAB and 19 other nongovernment organisations



See our 2019-2021 Reconciliation Action Plan and Progress Report for more information: <u>https://www.nab.com.au/about-us/social-impact/community/indigenous-australian-support</u>
 Australian employees regularly donate to >500 charities through payroll giving - NAB matches donations up to \$1,200 for each employee, every year



NAB AND OUR COMMUNITY

### **BANKING ON NATURE**

#### 1H20 HIGHLIGHTS

- Developing set of national sustainable agriculture metrics with ClimateWorks
- Phase II of research project with CSIRO underway linking positive correlation of land condition of Queensland grazing properties with financial performance
- In partnership with Food Agility, QUT and the Australian Wine Research Institute, embedded financial metrics alongside sustainability benchmarking data to improve Industry understanding of sustainable vineyard management

#### BUSHFIRE RECOVERY AND RESILIENCE PACKAGE

\$1m in donations to Australian Red Cross (ARC) disaster preparedness, relief & recovery efforts, and to local organisations in impacted communities

\$4m contribution to NAB Disaster Relief fund for (i) \$2,000 emergency relief and recovery grants to customers and employees, and to impacted businesses and farmers; and (ii) \$1,000 grants for displaced employees

Extra day's annual leave given to permanent employees, and leave policy updated to support impacted communities

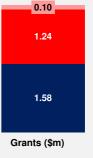
(1) This donation has been pledged to Australian Red Cross to support the Bushfire Resilience Pilot Project

#### \$2.9m 0.10 1.24 \$0.9m 0.12 0.40 1.58 0.40

BUSHFIRE RECOVERY PACKAGE – 1H20 PROGRESS

Donations (\$m)

Local organisations ■ARC disaster & recovery ■ARC resilience project



- Employee evacuation
- Business customer premises loss Customer & employee home loss
- >1,500 grants provided
- >1,000 days of bushfire related annual leave taken
- ~4,000 volunteering hours contributed

ENVIRONMENTAL FINANCING (CUMULATIVE)<sup>1</sup>

33.6

17.5

16.1

Sep 19

6 Star residential housing lending flow

(\$bn)

297

15.3

14.4

Mar 19



#### NAB AND OUR COMMUNITY

70.0

35.0

35.0

2025 Target

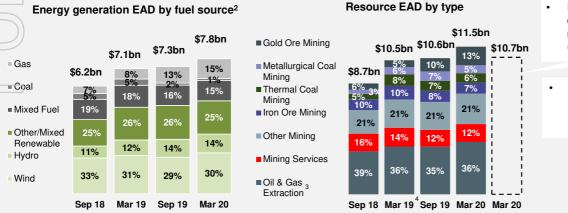
## **CLIMATE ACTION**

46

#### **OUR COMMITMENTS**

- Environmental financing target of \$70bn by 2025
  - Source 100% of our electricity consumption from renewable sources by 2025 - signed up to 'Renewable Energy 100'
  - Cap thermal coal mining exposures at Sep 2019 levels and reduce thermal coal mining financing by 50% by 2028, intended to be effectively zero by 2035
- Net take on new-to-bank thermal coal mining customers

#### **OUR EXPOSURES**



Resource EAD \$10.7bn excluding impact of treasury related financial activity (+\$0.8bn)

37.9

20.2

17.7

Mar 20

Green infrastructure, capital markets and asset finance

Thermal coal mining EAD down \$20m (-3%) from FY19 and \$150m (-17%) from 1H19

- Represented as a cumulative amount of new environmental finance since 1 October 2015 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 (2)
- Note that included and categorised as renewable where majority of their generation activities sourced from renewable energy. More detail at <u>https://www.nab.com.au/about-us/social-impact</u> Oil & Gas extraction exposure is largely to Liquefied Natural Gas projects and investment grade customers (92%) Of the \$1.8Bn increase in Resource Net EAD in 1H19, \$0.8Bn relates to model and regulatory prescribed methodology requirements (includes: Thermal Coal +\$0.2bn, Metallurgical Coal +\$0.2bn), and 47<sup>(4)</sup> \$0.8Bn relates to Treasury elated financial activity where NAB have qualifying securities



## **CLIMATE ACTION**

#### 1H20 HIGHLIGHTS

- #1 Australian company in Corporate Knights 2020 Global 100 Most Sustainable Companies Index
- \$1.8bn TCorp Sustainability Bond which is Australia's largest ever green bond and was awarded the Sustainability Bond Of The Year by Environmental Finance - NAB acted as a Joint Lead Manager
- Increased our 2025 science-based GHG emissions (tCO<sub>2</sub>-e) reduction target from 21% to 51% against a restated 2015 baseline level<sup>1</sup>

#### INDUSTRY LEADERSHIP AND COLLABORATION

Work is ongoing for Phase 2 of UNEP FI Task Force on Climate Related Financial Disclosures (TCFD) pilot

FINANCE UNEPINITIATIVE

Scenario/physical risk analysis proceeding, and NAB is now part of an ABA Working Group

First and only Australian bank to be a signatory of UN Principles for Responsible Banking Collective Commitment to Climate Action - participating with other member banks to deliver on CCCA commitments

#### SUPPORTING RENEWABLE ENERGY INDUSTRY

- #1 arranger of project finance for Australian renewable energy since 2004<sup>2</sup>
- #2 Australian bank for global renewables transactions, and 33<sup>rd</sup> largest lender to renewable energy industry in the world in 1H203

#### Top renewable energy players – Australia<sup>2</sup>

Cumulative value of deals in USDbn (2004 - 2019)

National Australia Bank Ltd	2.6
Clean Energy Finance Corp	1.6
Mitsubishi UFJ Financial Group Inc	1.4
Westpac Banking Corp	1.3
Australia & New Zealand Banking Group Ltd	1.3
Commonwealth Bank of Australia	1.1
Sumitomo Mitsui Financial Group Inc	1.0
Mizuho Financial Group Inc	0.9
Societe Generale SA	0.9
BNP Paribas SA	0.8

(1) We have also set new targets for a range of environmental performance areas, including net energy use (GJ) (a 30% reduction) and office paper (tonnes) (a 20% reduction) from 2019 baseline levels See our website here for further details

(3) Plankings based on IJGlobal League Table, MLA, Renewables, Last 6 months ending 31 March 2020, Value of Deals (database searched on 16 April 2020)

### ENGAGING OUR PEOPLE

NAB AND OUR COMMUNITY

2019

615

Mar 20

6.9%

1.8%

Mar 20

#### INVESTING IN OUR PEOPLE

48

- Launched simplified digital platform for colleagues to acquire and track Continuous Education and Continuous Professional Development points
- Ongoing focus on upskilling technology capability with >1,000 employees industry-certified in Amazon Web Services (AWS), Microsoft Azure and Google Cloud Platform
- 16,000 licenses issued and >30,000 hours of digital learning completed through deployment of six industryleading platforms<sup>1</sup>

#### **INCLUSIVE WORKFORCE**

- Offered 65 traineeships to Indigenous Australians and recruited 40 African-Australians in AAIP<sup>2</sup>
- 40% female representation on NAB Board<sup>3</sup>
- WGEA Employer of Choice for Gender Equality citation, ranked #14 in Equileap Gender Equality Global Report and member of 2020 Bloomberg Gender-Equality Index



5.3% 5.3% 5.1%

Mar 19

Voluntary turnover rate Involuntary turnover rate

ENGAGEMENT, CODE OF CONDUCT AND TURNOVER

54

2018

737

Sep 19

8.5%

3.2%

Sep 19

Enterprise Employee Engagement score<sup>4</sup>

Breaches of Code Of Conduct (Australia)

Employee turnover rate (%) by exit type

2017

541

Mar 19

7.3%

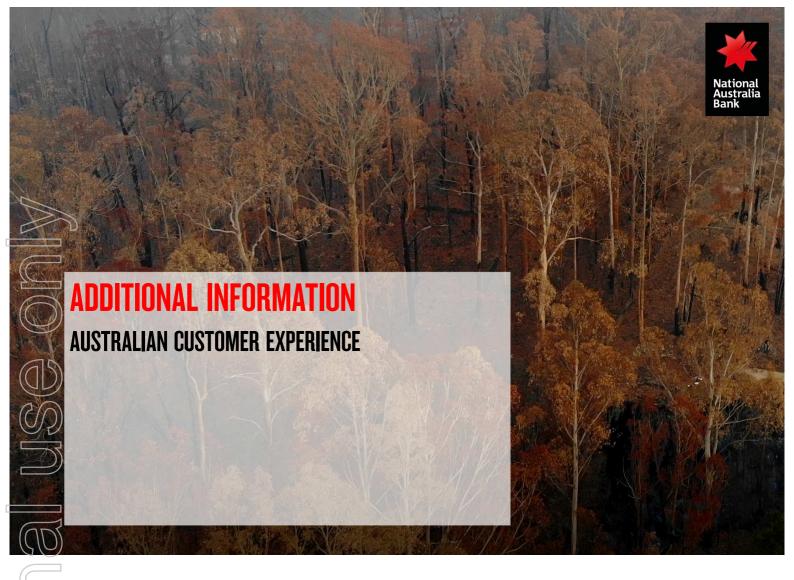
2.0%

(1) NAB employees have access to 250,000 digital learning opportunities through LinkedIn Learning, Coursera, Pluralsight, Udemy, A-Cloud Guru and O'Reilly Safari Books African Australian Inclusion Program - 500+ skilled African-Australians have gained paid corporate experience since program inception in 2009, with more than 50% of those who have completed (2)the 6-month program still employed by NAB

See 'Towards 2020: NAB's road to gender equality' for more information on our gender equality targets and commitments Annual Employee Engagement Survey conducted by Aon (now known as Kincentric)

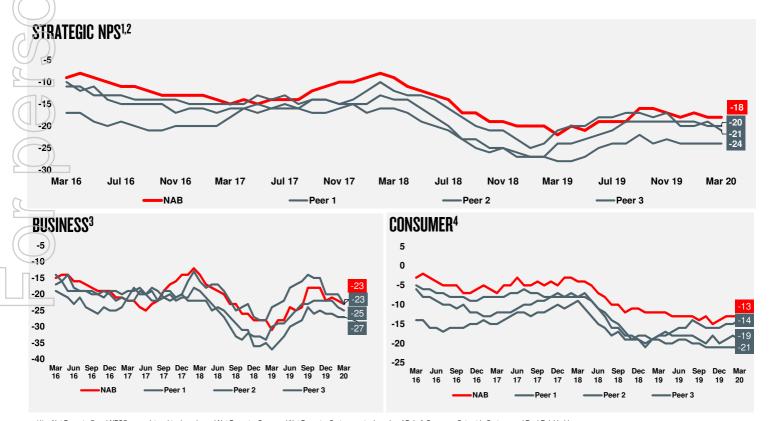






### **CUSTOMER EXPERIENCE IMPROVING BUT MORE WORK TO DO**

**CUSTOMER EXPERIENCE** 



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
 Strategic NPS: Sourced from DBM Atlas, measured on 6 month rolling average. Definition has been updated to give all customers within the Business and Consumer segments equal voice. The overall Strategic NPS result

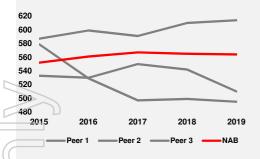
combines the Consumer and Business segment results using a 50% weighting for each. Net Promoter Score (NPS) is based on all customers' likelihood to recommend on a scale of 0 to 10 (extremely unlikely to extremely likely). History has been restated.

(3)

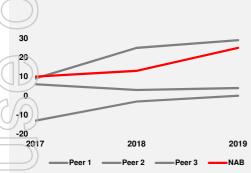
March 2020. Source: DBM Atlas – Business. All Business customers, six month rolling averages. March 2020. Source: DBM Atlas – Consumer. All Consumer customers, Australian population aged 18+, six month rolling averages. (4)

### **CORPORATE & INSTITUTIONAL CUSTOMER METRICS**

#### LARGE CORPORATE & INSTITUTIONAL -**RELATIONSHIP STRENGTH INDEX<sup>1</sup>**



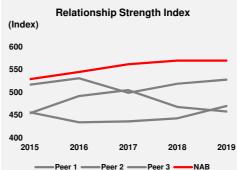
### **INSTITUTIONAL NPS<sup>1,2</sup>**



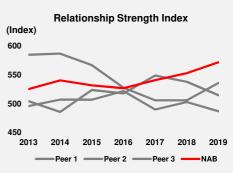
#### INTEREST RATE HEDGING<sup>3</sup>



#### DEBT MARKETS ORIGINATION<sup>5</sup>



#### **FOREIGN EXCHANGE**<sup>4</sup>



#### DEBT MARKETS ORIGINATION<sup>5</sup>

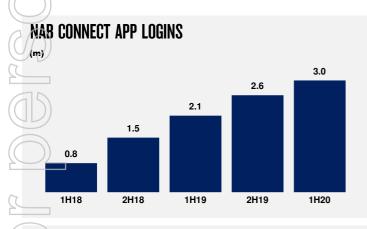


(1) 2019 Peter Lee Associates Large Corporate and Institutional Relationship Banking Survey, Australia. Relationship Strength Index (RSI) is based on a combined measure of most qualitative evaluations RSI and NPS rankings against four major domestic banks (2) Net Promoter® and NPS® are registered trademarks and Net Promoter Score and Net Promoter System are trademarks of Bain & Company, Satmetrix Systems and Fred Reichheld

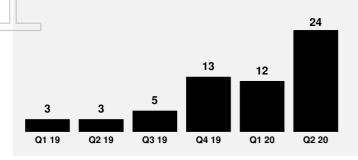
(3) Peter Lee Associates - Interest Rate Derivatives Survey Australia 2019. Based on top four banks by penetration

(4) Peter Lee Associates – Foreign Exchange Survey Australia 2019. Based on top four banks by penetration 52 (5) Peter Lee Associates Debt Securities Origination Survey 2019. Based on top four banks by penetration

## DIGITAL EXPERIENCE FOR OUR BUSINESS CUSTOMERS



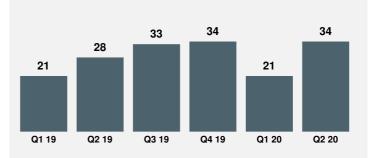
INTERNET BANKING FOR BUSINESS CUSTOMERS NPS<sup>1</sup> (NAB CONNECT)



(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

### **CUSTOMER EXPERIENCE**

#### NAB CONNECT APP FOR BUSINESS CUSTOMERS NPS<sup>1</sup>





### **QUICKBIZ FOR SMALL BUSINESS CUSTOMERS**

#### DIGITAL SMALL BUSINESS UNSECURED LENDING

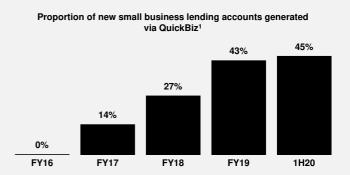
- Access to unsecured finance for term loan, overdraft, business cards, equipment loan and broker assisted customers
- Application and decisioning in as little as 20 minutes

Ship 1 of 7 ARCHT YOR LOA

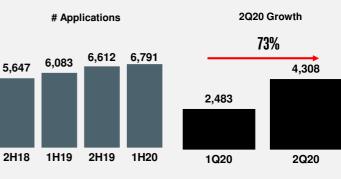
- Direct connectivity to Xero, MYOB or QuickBooks data, or simple financial upload from any accounting package
- In response to COVID-19, introduced a 200-basis point rate cut on new loans and all overdrafts on QuickBiz effective 30 March

WE NEED TO REVIEW YOUR

#### SMALL BUSINESS UNSECURED LENDING VIA QUICKBIZ

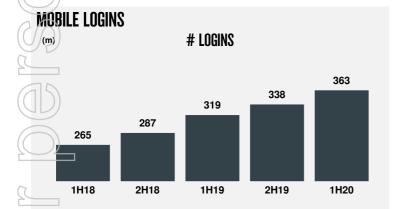


#### QUICKBIZ APPLICATION GROWTH



(1) New QuickBiz loan and QuickBiz overdraft accounts as a percentage of total new term lending and overdraft accounts in the Small Business division

## EVERYDAY CONSUMER DIGITAL EXPERIENCE AND SALES



#### MODIFY HOME LOAN REPAYMENTS ONLINE

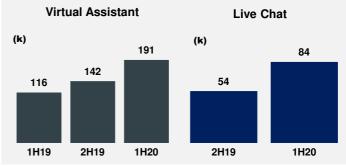
- Edit Repayment functionality gives
   customers the ability to modify home loan repayments in real-time
- Allows changes to both amount and frequency of repayments

FREQUENCY	
Frequency	Monthly >
AMOUNT	
Minimum Amount	\$1200.00
O Other Amount	

#### SIMPLE CONSUMER PRODUCT SALES VIA DIGITAL<sup>1</sup>



#### **INCREASING UPTAKE OF ONLINE CHAT CAPABILITIES**



(1) Simple consumer product sales includes the opening of savings and transaction accounts, personal loans and credit cards across all segments and channels



**CUSTOMER EXPERIENCE** 



54

### **REDUCTION IN CRITICAL AND HIGH PRIORITY INCIDENTS**

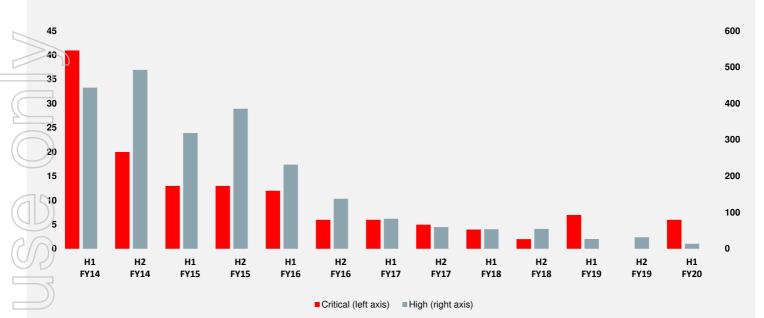
#### 'CRITICAL' AND 'HIGH' PRIORITY INCIDENTS<sup>1</sup>

Investment in technology driving lower instance of technology incidents since 1H14

97% reduction in "High" priority incidents

56

85% reduction in of "Critical" priority incidents



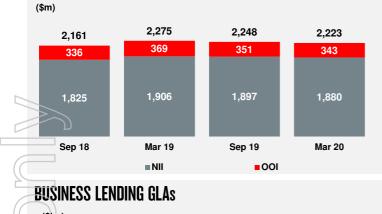
(1) Critical Incidents - Significant impact or outages to customer facing service or payment channels. High Incidents - Functionality impact to customer facing service or impact/outage to internal systems

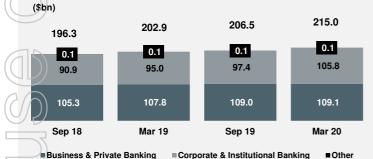


## ADDITIONAL INFORMATION AUSTRALIAN BUSINESS LENDING

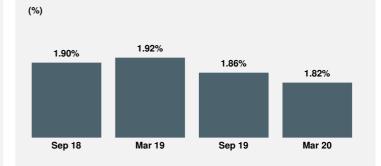
### **KEY METRICS**

#### BUSINESS LENDING BEVENUE

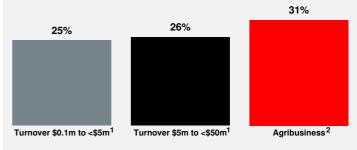




#### **BUSINESS LENDING NET INTEREST MARGIN**



#### SMALL. MEDIUM AND AGRI BUSINESS LENDING MARKET SHARE



March 2020 DBM Business Financial Services Monitor, APRA Aligned Lending Market Share. Australian businesses with an aligned product, excluding Finance & Insurance and Government. APRA Aligned Lending market share is based on the total lending dollars held at the financial institution, divided by the total lending dollars held at financial institutions reporting to APRA, with products and (1) Is aligned as closely as possible to APRA definitions and inclusions. Data is on a 12-month roll, weighted to the Australian business population. Small Business (\$0.1m-<\$5m) and Medium Business \$5m-<\$50 (2)

0.07%

77

Mar 20

22%

59%

Mar 20

Unsecured

February 2020 / NAB APRA submission / RBA Banking System

0.10%

103

Mar 19

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

23%

19%

58%

Mar 19

## **BUSINESS LENDING ASSET QUALITY**

BUSINESS LENDING CREDIT IMPAIRMENT CHARGE AND AS

0.14%

151

Sep 19

22%

59%

Sep 19

Partially Secured

Credit Impairment/GLAs (half year annualised)



### BUSINESS LENDING 90+ DPD AND GIAS AND AS % OF GLAS



#### **BUSINESS LENDING PORTFOLIO OUALITY**



(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



58

% OF GLAs

0.06%

55

Sep 18

23%

19%

58%

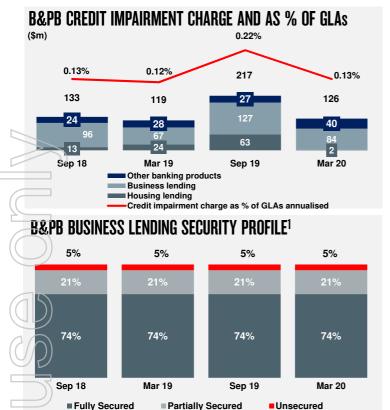
Sep 18

Fully Secured

Credit Impairment charge

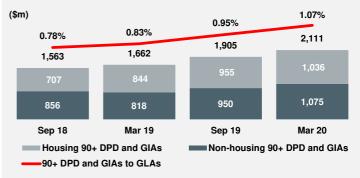
(\$m)

### **BUSINESS & PRIVATE BANKING (B&PB) ASSET QUALITY**



60

#### B&PB 90+ DPD AND GIAs AND AS % OF GLAs



#### **B&PB BUSINESS LENDING PORTFOLIO QUALITY**

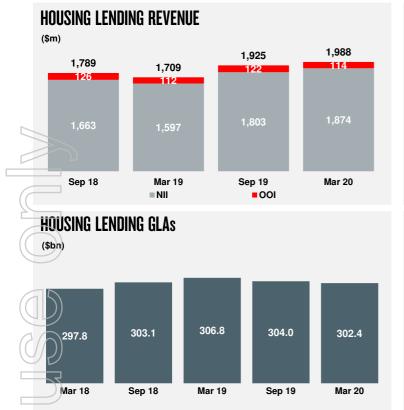


(1) Fully Secured is where the loan amount is less than 100% of the bank extended value of security; Partially Secured is where the loan amount is greater than 100% of the bank extended value of security; Unsecured is where no security is held and/or no value held against the security and negative pledge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

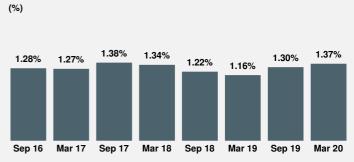


## ADDITIONAL INFORMATION AUSTRALIAN HOUSING LENDING

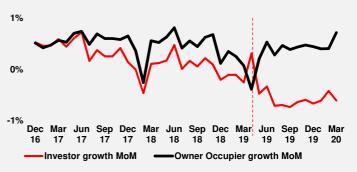
### **KEY METRICS**



#### HOUSING LENDING NET INTEREST MARGIN



#### INVESTOR AND OWNER OCCUPIER GROWTH Mom<sup>1</sup>



(1) Only includes housing loans to households based on APRA ARF 720.1 reporting definitions. December 16 to March 19 inclusive chart is prepared using APRA Monthly Banking Statistics. Jun 19 to Mar 20 inclusive are prepared using APRA Monthly Authorised Deposit-taking Institution statistics

86.1

Sep 19 Mar 20

Business and Private

Investor 41.6%



AUSTRALIAN HOUSING LENDING

## HOUSING LENDING PORTFOLIO PROFILE

HOUSING LENDING BY CHANNEL<sup>1</sup>

103.8

Mar 20

Owner

Occupier Interest Only

4.6%

Mar 19

HOUSING LENDING VOLUME BY BORROWER AND

Sep 19

Broker and Advantedge

Owner Occupier Principal & Interest 53.8%

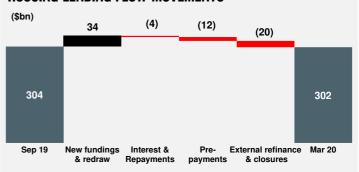
Mar 20

Investo

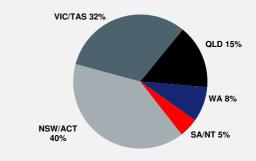
rincipal 8

Interest

#### HOUSING LENDING FLOW MOVEMENTS<sup>1</sup>



#### AUSTRALIAN MORTGAGES STATE PROFILE



(1) Excludes Asia

(2) Only includes housing loans to households based on APRA ARF 720.1 reporting definitions, and excludes counterparties such as private trading corporations

90.0

Mar 19



62

(\$bn)

Mar 19

0

104.0

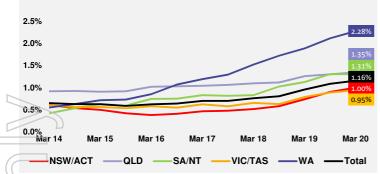
Sep 19

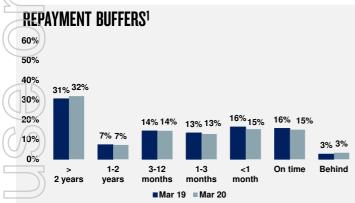
Retail and UBank

**REPAYMENT TYPE<sup>2</sup>** 

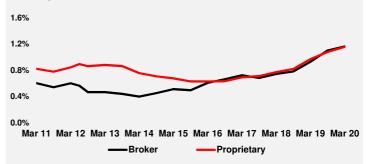
### HOUSING LENDING PORTFOLIO PROFILE

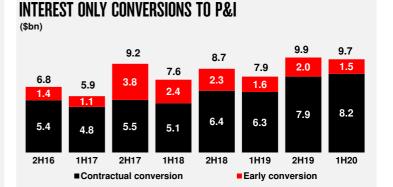
#### HOUSING LENDING 90+DPD & GIAs AS % OF GLAs





### 90+ DPD AND GIAS AS % OF TOTAL HOUSING LENDING GLAS – BY CHANNEL



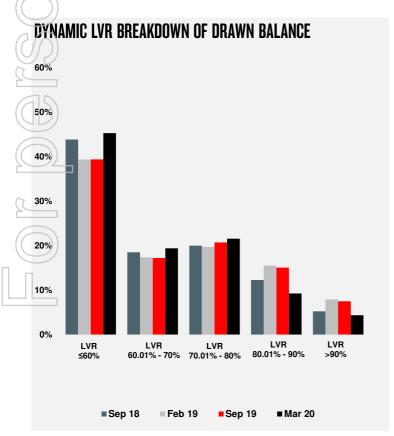


(1) Represents payments in advance by accounts. Includes offsets. Excludes accounts in arrears, Advantedge book and line of credit

#### National Australia Bank

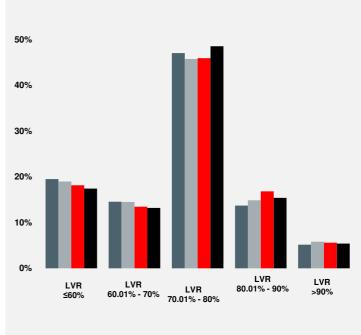
AUSTRALIAN HOUSING LENDING

## HOUSING LENDING PORTFOLIO QUALITY



## LVR BREAKDOWN AT ORIGINATION

Sep 18



Mar 19

Sep 19

Mar 20

65

64

### **HOUSING LENDING PRACTICES & REQUIREMENTS**

#### **KEY ORIGINATION REQUIREMENTS**

Income

66

 Household
 Or

 expenses
 • House for down

 or
 • House for down

 expenses
 • House for down

 Serviceability
 Assess or rate plus Aug-19

 Existing debt
 • In Decrepay

 Interest only
 • Assess term

Income verified using a variety of documents including payslips and/or checks on salary credits into customers' accounts

Apply a minimum 20% shading on less certain income, for example rental income shading since 2015

Use the greater of:

- Customers' declared living expenses, enhanced in 2016 to break down into granular sub categories;
- Household Expenditure Measure (HEM) benchmark. HEM has been in use since 2012 and enhanced in 2015 to scale for customer income and further refined in Dec-18. HEM add-ons introduced for specific customer declared expenses in Aug-19 (e.g. private school fees). Latest HEM annual update occurred in Dec-19

Assess customers' ability to repay based on the higher of the customer rate plus serviceability buffer (2.5%) or the floor rate (5.5%), updated in Aug-19

- Verify using declared loan statements and assess on the higher of the customer rate plus serviceability buffer (2.5%) or the floor rate (5.5%)
- In Dec-18 tightened assessment of customer credit cards assuming repayments of 3.8% per month of the limit
- In Aug-19 tightened assessment of customer overdrafts assuming repayments of 3.8% per month of the limit
- Assess Interest Only loans on the full remaining Principal and Interest term
- Maximum Interest Only term for Owner Occupier borrowers of 5 years

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

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

### **OTHER REQUIREMENTS**

- In 2017 introduced Loan-to-Income decline threshold, reduced from 8x to 7x in Feb-18
- In Apr-19 introduced a 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



AUSTRALIAN HOUSING LENDING

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

Australian Housing Lending	Sep 18	Mar 19	Sep 19	Mar 20	Mar 19	Sep 19	Mar 20
		Port	folio			Drawdowns <sup>2</sup>	
Total Balances (spot) \$bn	303	307	304	302	27	22	27
Average loan size \$'000	306	307	308	309	368	369	389
- Variable rate	72.0%	72.0%	73.5%	75.9%	70.0%	73.0%	78.5%
- Fixed rate	21.1%	21.6%	20.4%	18.3%	28.2%	25.0%	20.4%
- Line of credit	6.9%	6.5%	6.1%	5.8%	1.9%	1.9%	1.1%
By borrower type							
- Owner Occupied <sup>3,4</sup>	59.1%	59.7%	56.9%	58.4%	66.9%	66.3%	67.7%
- Investor <sup>3,4</sup>	40.9%	40.3%	43.1%	41.6%	33.1%	33.7%	32.3%
By channel							
- Proprietary	64.5%	63.6%	63.3%	62.8%	53.8%	56.6%	54.6%
- Broker	35.5%	36.4%	36.7%	37.2%	46.2%	43.4%	45.4%
Interest only <sup>5</sup>	24.5%	22.4%	19.8%	17.2%	24.9%	19.7%	17.4%
Low Documentation	0.5%	0.5%	0.4%	0.4%			
Offset account balance (\$bn)	28.7	29.0	29.0	30.0			
LVR at origination	69.0%	69.0%	69.0%	69.1%			
Dynamic LVR on a drawn balance calculated basis	45.9%	48.0%	47.6%	44.6%			
Customers in advance ≥1 month <sup>6</sup> (including offset facilities)	66.1%	65.5%	66.1%	66.5%			
Avg # of monthly payments in advance <sup>6</sup> (including offset facilities)	33.9	33.7	34.3	36.3			
90+ days past due	0.72%	0.86%	0.98%	1.04%			
Impaired loans	0.09%	0.09%	0.11%	0.12%			
Specific provision coverage ratio	33.7%	31.1%	33.4%	33.3%			
Loss rate <sup>7</sup>	0.02%	0.02%	0.02%	0.02%			
Number of properties in possession	277	291	320	268			
HEM reliance	31%	32%	27%	33%			

(1) Excludes Asia

 Drawdowns is defined as new lending excluding limit increases and redraws in the previous six month period
 Portfolio sourced from APRA Monthly Banking Statistics, Sep-19 restated to align with definitions of the APRA Monthly Authorised Deposit-taking Institution statistics

(4) Drawdowns sourced from management data

67

(5) Excludes line of credit products(6) Excludes Advantedge and line of credit

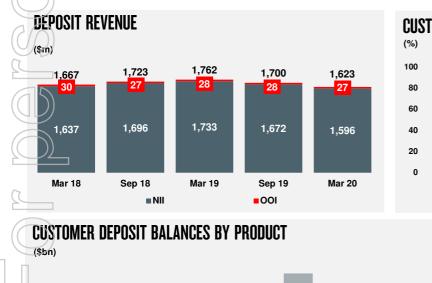
(7) Excludes Advantedge and line of credit
 (7) 12 month rolling Net Write-offs / Spot Drawn Balances

National Australia Bank

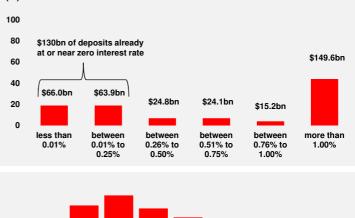


### **DEPOSITS & TRANSACTION ACCOUNTS**

OTHER AUSTRALIAN PRODUCTS



### CUSTOMER DEPOSITS BY INTEREST RATE<sup>1</sup>







22

Mar 20



17

Sep 18

17

Mar 19

Sep 19

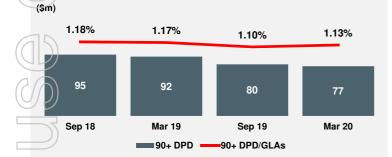
■ NBIs

### **OTHER BANKING PRODUCTS**

#### PERSONAL LENDING BALANCE AND MARKET SHARE<sup>1</sup> (\$bn)



#### CARDS AND PERSONAL LENDING 90+ DPD AND AS % OF Total Cards and Personal Lending Glas

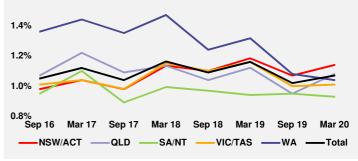


70

CARDS BALANCE AND MARKET SHARE



#### CONSUMER CARDS 90+ DPD AS % OF OUTSTANDINGS



Personal loans business tracker reports provided by RFI represents share of RFI defined peer group data for Feb 20
 APRA Monthly Banking Statistics is used for Sep-18 to Mar-19 market share. Sep-19 onwards is prepared using APRA Monthly Authorised Deposit-taking Institution statistics. Latest market share statistics are as at Feb 20

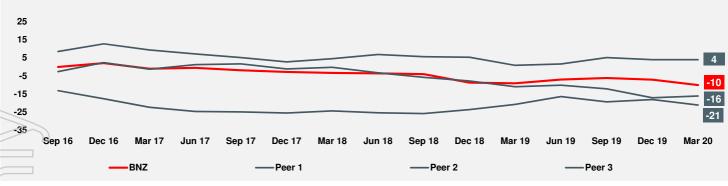


## ADDITIONAL INFORMATION NEW ZEALAND BANKING

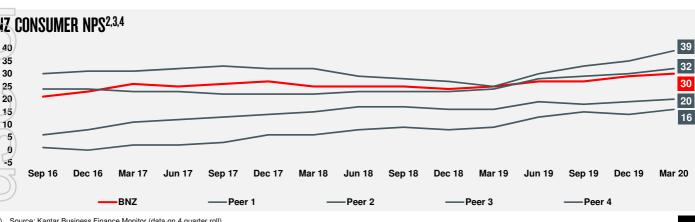
## **KEY CUSTOMER METRICS**

**NEW ZEALAND BANKING** 

#### **BNZ SME NPS<sup>1,3</sup>**



#### BNZ CONSUMER NPS<sup>2,3,4</sup>



(1) Source: Kantar Business Finance Monitor (data on 4 quarter roll) (2) Source: Camorra Retail Market Monitor (data on 12 month roll) for Consumer Priority segments which include Savers and Starters, Home Owners, Investors & High Net Worth clients

 (a) 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) Due to a change in Retail Market Monitor methodology, there has been a re-set of strategic NPS for the consumer market for all five major banks. The use of a 12 month rolling average in BNZ reporting has smoothed the transition (we are using data that was collected in parallel from May 2019 to September 2019), but there is a methodology-driven increase in NPS for all banks visible during this period of transition. The new methodology has been fully embedded since October 2019.

# HOUSING LENDING KEY METRICS

New Zealand Housing Lending	Sep 18	Mar 19	Sep 19	Mar 20
		Portfolio		
Total Balances (spot) NZ\$bn	39.8	41.3	43.0	44.8
By product				
Variable rate	19.6%	17.7%	15.9%	15.2%
- Fixed rate	77.7%	79.7%	81.7%	82.6%
- Line of credit	2.7%	2.6%	2.4%	2.2%
By borrower type				
- Owner Occupied	64.6%	65.4%	66.2%	66.4%
- Investor	35.4%	34.6%	33.8%	33.6%
By channel				
- Proprietary	84.7%	82.3%	80.0%	77.9%
- Broker	15.3%	17.7%	20.0%	22.1%
Low Documentation	0.0%	0.0%	0.0%	0.0%
Interest only <sup>2</sup>	22.1%	21.4%	20.4%	24.4%
LVR at origination	66.2%	66.3%	66.5%	66.7%
90+ days past due	0.05%	0.10%	0.07%	0.11%
Impaired loans	0.03%	0.04%	0.03%	0.03%
Specific Impairment coverage ratio	23.5%	17.9%	17.0%	25.50%
Loss rate <sup>3</sup>	0.01%	0.01%	0.01%	0.01%

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

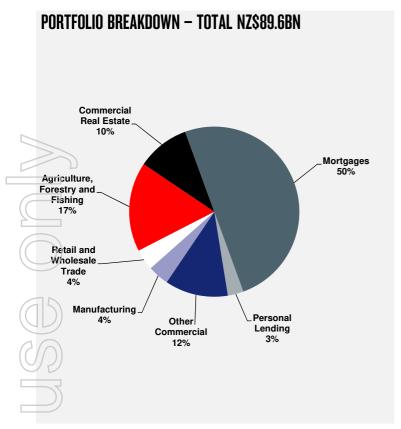
(1) Drawdown's is defined as new lending including in



72

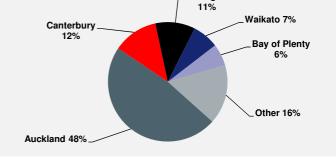
#### **NEW ZEALAND BANKING**

## **NEW ZEALAND LENDING MIX**

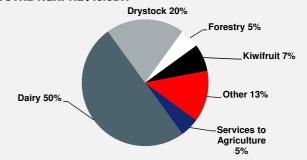


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# MORTGAGE PORTFOLIO BREAKDOWN BY GEOGRAPHY – TOTAL MORTGAGE NZ\$44.8BN $\int_{11\%}^{Wellington}$



AGRIBUSINESS PORTFOLIO BREAKDOWN BY INDUSTRY -Total Agri NZ\$15.5BN

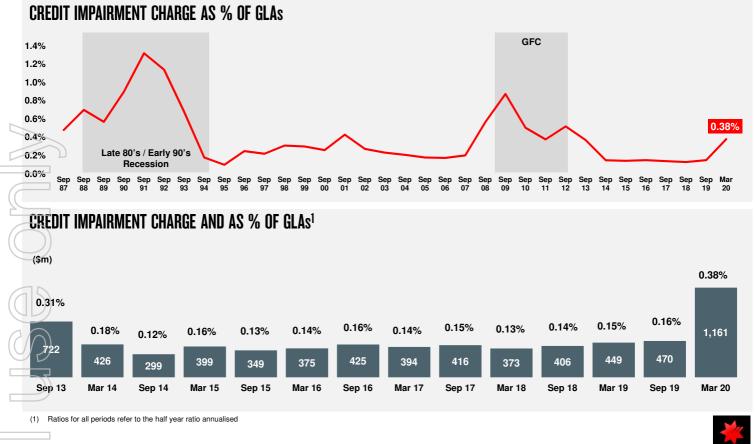




Natior Austra Bank

# ADDITIONAL INFORMATION GROUP ASSET QUALITY

## **GROUP CREDIT IMPAIRMENT CHARGE**



#### Natio Austr Bank

**GROUP ASSET QUALITY** 

# GROUP ESTIMATED LONG RUN LOAN LOSS RATE 1985 TO 2020

CROUP BUSINESS MIX - GLAS BY CATEGORY

76

#### ESTIMATING LONG RUN LOAN LOSS RATE

NAB Australian geography net write off rates as a % of GLAs 1985 - 2019 <sup>2</sup>	Long run average
Home lending <sup>3</sup>	0.03%
Personal lending <sup>3</sup>	1.51%
Commercial <sup>3</sup>	0.54%
Australian average (1985-2019)	0.34%
Group average <sup>4</sup> based on 2020 business mix	0.26%
Group average <sup>4</sup> based on 2020 business mix excluding 1991-1993 and 2008-2010	0.19%

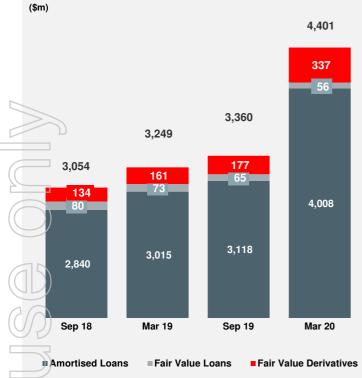
- (1) For 1985 Group business mix, all overseas GLAs are allocated to Commercial category
- (1) For fosse transpositions and anotable accession of commence and anotable of com

(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
 (4) 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 31 March 2020. Commercial long run average net write off rate has been applied to acceptances

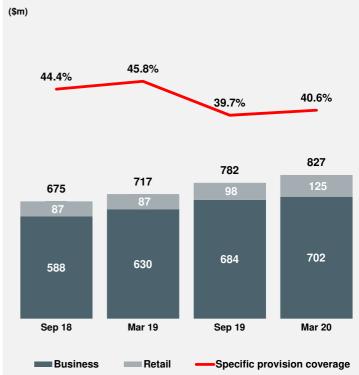


# **GROUP PROVISIONS**

#### **COLLECTIVE PROVISION BALANCE**

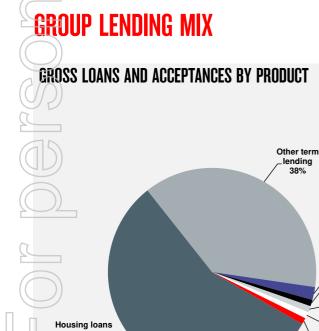








**GROUP ASSET QUALITY** 



### GROSS LOANS AND ACCEPTANCES BY GEOGRAPHY<sup>1</sup>



#### **GROSS LOANS AND ACCEPTANCES BY BUSINESS UNIT**

Asset & lease financing 2% Overdrafts 1%

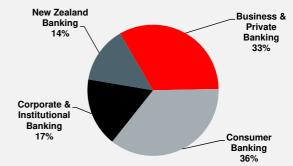
Credit card outstandings

1%

Other

1%

Acceptances 1%



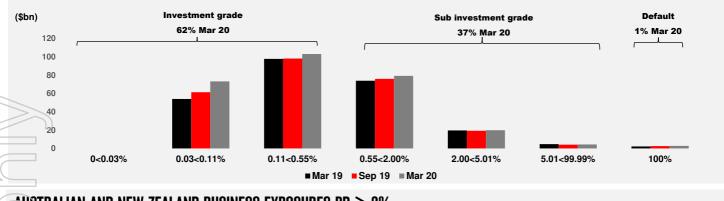


(1) Based on booking office where transactions have been recorded

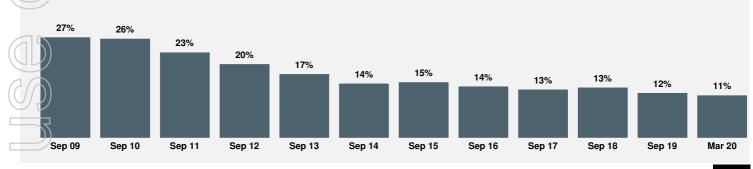
56%

# **PROBABILITY OF DEFAULT (PD) ANALYSIS**

#### NON RETAIL CORPORATE EAD<sup>1</sup> BY PROBABILITY OF DEFAULT



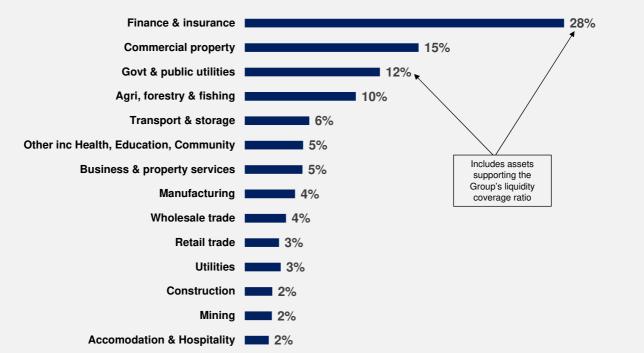
#### AUSTRALIAN AND NEW ZEALAND BUSINESS EXPOSURES PD $\geq$ 2%



(1) For internal ratings based portfolios. Excluding Bank and Sovereign exposures. Total \$283bn at Mar-20, \$262bn at Sep-19, \$253bn at Mar-19

# **BUSINESS LENDING CONSIDERATIONS**

#### NON RETAIL EAD BY INDUSTRY<sup>1</sup>- \$495BN



GROUP ASSET QUALITY

National Australia Bank

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

#### GROUP EAD \$47.5BN MARCH 2020 AUSTRALIAN DROUGHT CONSIDERATIONS NSW and QLD have seen good rainfall in recent months Asset quality remains sound, but follow up rain will be important for winter ٠ crops ٠ NAB continues supporting farming customers through disaster relief Australia 63% packages and a moratorium on branch closures in affected regions Collective provision forward looking adjustments of \$180m to address impact of extreme weather conditions AUSTRALIAN AGRICULTURE, FORESTRY & FISHING Diverse Portfolio EAD \$30.0bn March 2020 Australian Agriculture Asset Quality Australian Agriculture Portfolio Well Secured<sup>1</sup> (\$m) Other Crop 8 \_Cotton 5% Grain 8% Vegetables 3% 0.49% Fully 0.46% 0.46% Secure 83% 0.44% 0.43% Beef 19% Grain 11% Partially cured Sheep/Beef 6% 15% Dairy 5% 132 146 120 122 118 Sheep 3% Unsecured 2% Forestry & Other Livestock Fishing 4% 2% Sep 18 Mar 19 Sep 19 Mar 20 Mar 18 Services 10% Poultry 1% Mixed 23% 90+DPD & Impaired as % EAD

(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



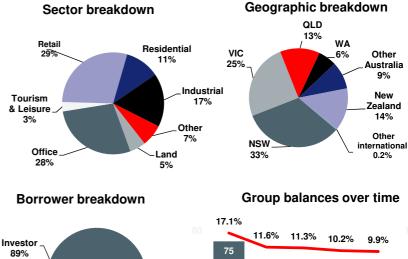
# **GROUP COMMERCIAL REAL ESTATE**<sup>1</sup>

Total \$60.8bn

82

#### 9.9% of Gross Loans & Acceptances

		Aust		New Zealand		Other International		Total
(()	TOTAL CRE (A\$bn)	5	2.3	8	.4		0.1	60.8
	ncrease/(decrease) on September 2019 (A\$bn)	(0	).9)	0	.2		-	(0.7)
с, °	% of geographical GLAs	10	.3%	9.	6%		0.8%	9.9%
	Change in % on September 2019	(0.	3%)	(0.	4%)		0.3%	(0.3%)
	Frend		Sep	18	Mar	19	Sep 19	Mar 20
	mpaired loans ratio		0.27	7%	0.22	2%	0.25%	0.26%
ę	Specific Provision Coverag	ge 30.5		5%	34.4	1%	31.9%	32.2%



Developer

11%



Group CRE % of Group GLAs

(1) Measured as balance outstanding as at 31 March 2020 per APRA Commercial Property ARF 230 definitions



#### GROUP ASSET QUALITY

## **COMMERCIAL REAL ESTATE**

#### AUSTRALIAN COMMERCIAL REAL ESTATE (CRE) PORTFOLIO<sup>1</sup>

#### (\$bn)

84



#### AUSTRALIAN CRE RESIDENTIAL DEVELOPER

- Developer drawn balance includes \$1.2bn for land development and \$2.3bn for residential development
- Residential development apartment exposures<sup>2</sup> continues to trend lower, with limits down ~42% since March 2019 (down ~16% since September 2019)
- ~96% of residential developer limits amortise within 2 years<sup>2</sup> •
- NSW and VIC account for ~78% of limits<sup>2</sup> •
- Inner city postcodes<sup>2</sup> account for ~21% of total residential developer exposure

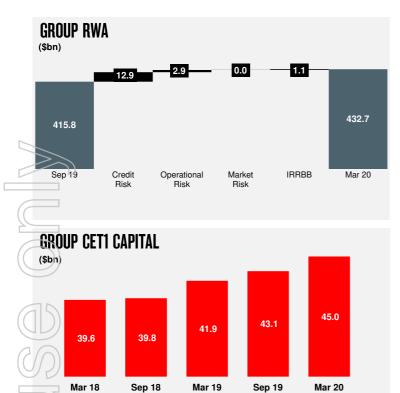
Measured as drawn balance outstanding per APRA Commercial Property ARF 230 definitions
 Transactions >\$2m (limit), including those that are well advanced but yet to draw-down. Inner-City includes CBD and adjoining postcodes, along with Waterloo/Zetland in Sydney. Greater Brisbane and Greater Perth based on Greater Capital City Statistical Area as defined by ABS

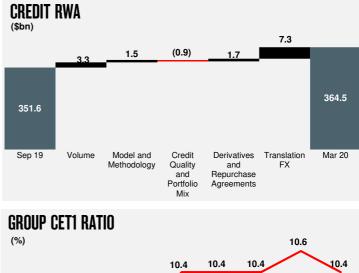


# **ADDITIONAL INFORMATION CAPITAL & FUNDING**

The following Capital & Funding section excludes the impact of the proposed institutional placement and share purchase plan

## **CAPITAL AND RWA MOVEMENTS**



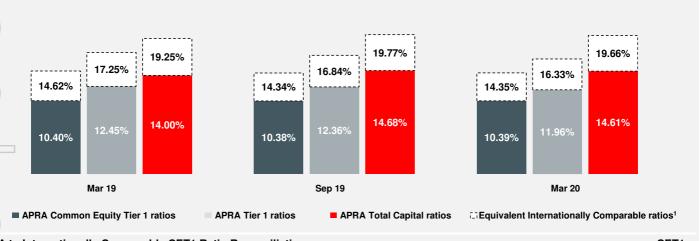






**CAPITAL & FUNDING** 

# GROUP BASEL III CAPITAL RATIOS



APRA to Internationally Comparable CET1 Ratio Reconciliation	CET1
Group CET1 ratio under APRA	10.39%
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	+76bps
Mortgages – reduction in Loss given Default floor from 20% to 15% and adjustment for correlation factor	+151bps
Interest rate risk in the banking book (IRRBB) - removal of IRRBB risk weighted assets from Pillar 1 capital requirements	+24bps
Other adjustments including corporate lending adjustments and treatment of specialised lending	+145bps
Group Internationally Comparable CET1	14.35%
	_

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



#### **REGULATORY CHANGE DATES**

	Change	Original date	Amended date
	APS 110 Capital Adequacy	1 Jan 2022	1 Jan 2023
	APS 111 Measurement of Capital	1 Jan 2021	No change
	APS 112 Capital Adequacy: Standardised Approach to Credit Risk	1 Jan 2022	1 Jan 2023
	APS 113 Capital Adequacy: Internal Ratings-based Approach to Credit Risk	1 Jan 2022	1 Jan 2023
C	APS 115 Capital Adequacy: Standardised Measurement Approach to Operational Risk	1 Jan 2021 (AMA banks)	1 Jan 2023
6	APS 116 Capital Adequacy: Market Risk	1 Jan 2023	1 Jan 2024
9	APS 117 Capital Adequacy: Interest Rate Risk in the Banking Book	1 Jan 2022	1 Jan 2023
$\bigcup$	APS 330 Public Disclosures	1 Jan 2022	1 Jan 2023
	Loss Absorbing Capacity	1 Jan 2024	No change

#### DEFERRAL OF REGULATORY CHANGE

- APRA has deferred its scheduled implementation of the Basel III reforms in Australia by one year, consistent with international implementation.
- The deferral supports ADIs in maintaining operations and supporting customers in response to COVID-19.
- APRA has reiterated it's view that ADIs currently hold sufficient capital to meet the new requirements.
- NAB remains committed to progressing APRA's regulatory change agenda.

#### **APRA'S GUIDANCE ON CAPITAL MANAGEMENT**

- On 7 April 2020, APRA announced its expectation that ADIs will seriously consider deferring decisions on the appropriate level of dividends until the outlook is clearer.
- APRA noted where dividends are approved, this should only be on the basis of robust stress testing results that have been discussed with APRA, and should be at a materially reduced level. Any dividend payments should be offset to the extent possible through the use of capital management initiatives.



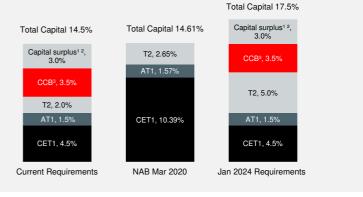
#### **CAPITAL & FUNDING**

#### AOSS ABSORBING CAPACITY

LOSS ABSORBING CAPACITY

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- In July 2019, APRA announced a 3% increase to the Total Capital requirement for all domestic systemically important banks (D-SIBs) by 1 January 2024
- Based on NAB's 31 March 2020 RWA of A\$433bn, this represents an incremental Group Total Capital requirement of approximately A\$12.5bn prior to January 2024
- NAB Ltd issued A\$3 billion of LAC qualifying instruments in 1H20, A\$500 million Additional Tier 1 and A\$2.5 billion Tier 2
- Ahead of January 2024 APRA will consider "feasible alternative methods" for raising an additional 1% to 2% of RWA in lossabsorbing capacity, in consultation with industry and other interested stakeholders



APRA CHANGES TO MAJOR BANKS' CAPITAL STRUCTURES

#### NAB TIER 2 MATURITIES (TO FIRST CALL)<sup>4</sup> (\$bn)



Capital surplus of 3% is generally higher than the normal level for D-SIBs, as a result of the 'unquestionably strong' capital benchmarks Excludes any Pillar 2 requirements and additional 1%-2% RWA requirement through "feasible alternative methods" CCB is the Capital Conservation Buffer Including FY20 remaining maturities (2)

(3) (4)



# **NEW ZEALAND REGULATORY CHANGE**

#### **NEW ZEALAND CAPITAL CHANGES**

- Based on BNZ's balance sheet as at 31 March 2020, the RBNZ capital proposals would imply a NZ\$4-5bn increase in BNZ Tier 1 capital or a decrease in BNZ balance sheet (RWAs).
- Management actions are expected to materially reduce the impact of the proposals.
- Under APRA's proposed changes to APS 111 Capital Adequacy, there is minimal impact on NAB's Level 1 CET1 ratio and NAB's Level 2 CET1 ratio would be unchanged. As at 31 March 2020, Level 1 CET1 is 10.4%.

#### NEW ZEALAND CONDITION OF REGISTRATION CHANGES

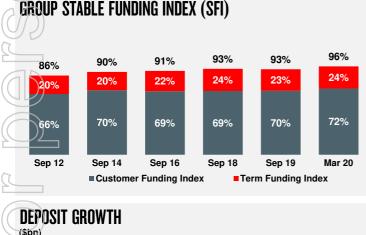
- To support the stability of the New Zealand financial system, the RBNZ has restricted payment of dividends on ordinary shares and the redemption of non-CET1 capital instruments. The restrictions will remain until further notice.
- The dividend restriction is not expected to have a material impact on NAB's Level 1 CET1. The restriction does not impact NAB's Level 2 capital ratio



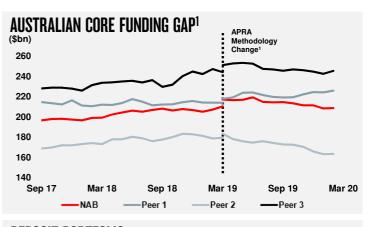
**CAPITAL & FUNDING** 

# FUNDING PROFILE

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#### DEPOSIT PORTFOLIO



(1) Australian core funding gap = Gross loans and advances + Acceptances less Total deposits (excluding financial institution deposits and certificates of deposit). APRA Monthly Banking Statistics are used from Sep 17 to Mar 19. Apr 19 onwards is prepared using APRA Monthly Authorised Deposit-taking Institution statistics as at February 2020



# **ASSET FUNDING**

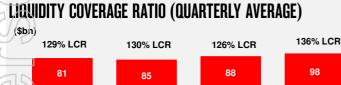
#### FUNDED BALANCE SHEET<sup>1</sup>



- (1) Excludes repurchase agreements, trading and hedging derivatives, and any accruals, receivables
- and payables that do not provide net funding Includes operational deposits, non-financial corporate deposits and retail / SME deposits. Excludes (2) certain offshore deposits
- Includes non-operational financial institution deposits and certain offshore deposits Market value of liquid assets including HQLA, non-HQLA and securities that are central bank repo (3) (4) eliaible

# LIQUIDITY

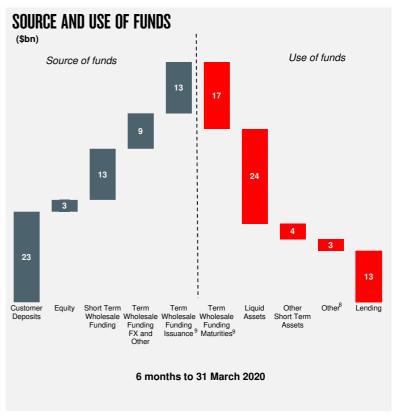
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#### LIQUIDITY OVERVIEW

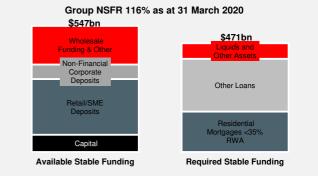
Quarterly Average (\$bn)	Sep 18	Mar 19	Sep 19	Mar 20
High quality liquid assets	81	85	88	98
Alternative liquid assets1	55	52	52	51
RBNZ Securities	6	3	3	3
Total LCR Liquid Assets	142	140	143	152
Net outflows due to				
Customer Deposits	72	72	76	80
Wholesale funding	15	15	13	15
Other	23	21	25	17
Net cash outflows	110	108	114	112
Quarterly average LCR <sup>2</sup>	129%	130%	126%	136%



- (5) Includes trade finance loans Excludes trade finance loans
- (6) (7) Includes net derivatives, goodwill, property, plant and equipment and net of accruals,
- receivables and payables Includes the net movement of other assets and other liabilities Includes Additional Tier 1 instruments (8) (9)

#### **CAPITAL & FUNDING**

#### NET STABLE FUNDING RATIO COMPOSITION



#### NET STABLE FUNDING RATIO MOVEMENT (%)



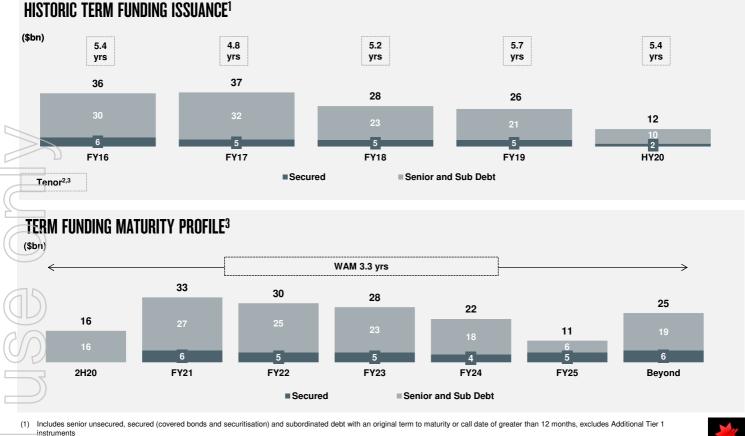
Committed Liquidity Facility (CLF) value used in LCR calculation is the undrawn portion of the facility. Approved CLF of \$55.1bn for 2020, \$55.9bn for 2019 and \$59.3bn for 2018 The inclusion of the Term Funding Facility at 31 March 2020 had an impact on the quarterly average LCR of <1% (1)(2)



# **TERM WHOLESALE FUNDING PROFILE**

#### **CAPITAL & FUNDING**

**CAPITAL & FUNDING** 

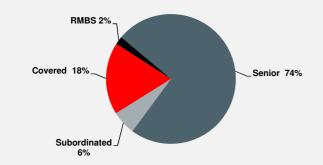


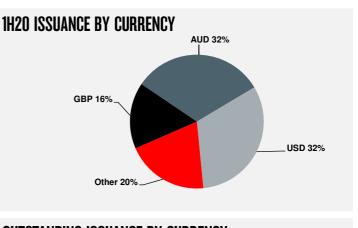
(2) Weighted average maturity (years) of funding issuance with an original term to maturity greater than 12 months (3) Weighted average maturity and maturity profile excludes RMBS

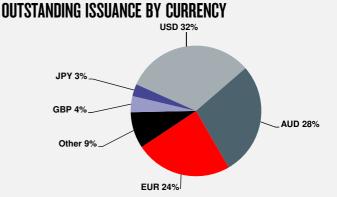
# DIVERSIFIED AND FLEXIBLE TERM WHOLESALE FUNDING PORTFOLIO

1H20 ISSUANCE BY PRODUCT TYPE Secured Public Offshore 16% Senior Public Domestic 22% Senior Public Domestic 22% Senior Public Domestic 23% Private Placements 3%

#### OUTSTANDING ISSUANCE BY PRODUCT TYPE<sup>1</sup>







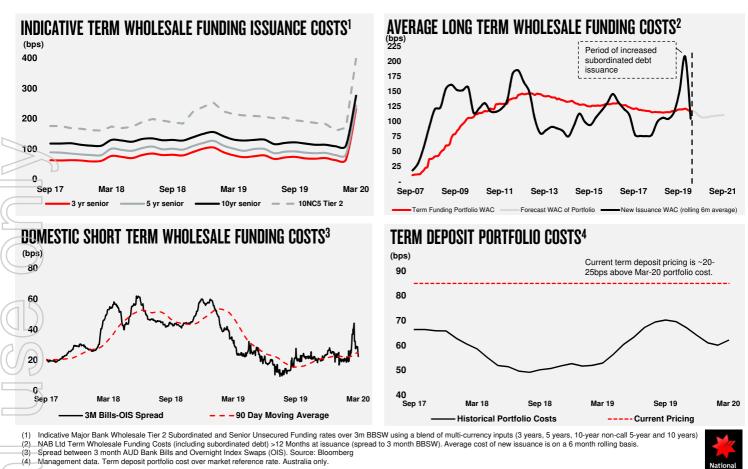
(1) At 31 March 2020, NAB has utilised 42% of its covered bond capacity. Capacity based on current rating agency over collateralisation (OC) and legislative limit



# **FUNDING COSTS**

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latior Bank



# **ADDITIONAL INFORMATION ECONOMICS**

## AUSTRALIA AND NZ KEY ECONOMIC INDICATORS

ECONOMICS

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

	CY17	CY18	CY19	CY20(f)	CY21(f)
GDP growth <sup>2</sup>	2.2	2.7	1.8	-4.3	3.5
Unemployment <sup>3</sup>	5.4	5.0	5.1	11.6	7.3
Core Inflation <sup>4</sup>	1.9	1.8	1.4	1.5	0.2
Cash rate <sup>3</sup>	1.50	1.50	0.75	0.25	0.25

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

	FY17	FY18	FY19	FY20(f)	FY21(f)		
Housing	6.6	5.3	3.1	3.1	0.3		
Personal	-0.9	-1.4	-4.4	-5.3	-0.4		
Business	4.1	4.4	3.3	16.5	2.5		
Total lending	5.3	4.6	2.7	7.0	1.0		
System deposits	6.9	2.1	3.9	6.3	1.0		

(1) Sources: ABS, Econdata DX, RBA, RBNZ, Stats NZ, NAB

(2) (3)

98

Average for year ended December on average of previous year As at December quarter CPI, December quarter on December quarter of previous year. For Australia, average of trimmed mean and weighted median indices (4) (5) Source: RBA, RBNZ, NAB. Bank fiscal year-ended (September)

# MATERIAL DOWNSIDE RISK TO THE ECONOMY FROM COVID-19

GDP GROWTH FORECASTS<sup>1</sup> (forecast) (%) 10 10 8 8 6 6 4 4 2 2 0 n -2 -2 -4 -4 -6 -6 Quarterly Year-ended -8 -8 -10 -10 1984 1988 1992 1996 2000 2004 2008 2012 2016 2020

BUSINESS CONFIDENCE AND CONDITIONS<sup>2</sup>



Source: ABS, NAB forecasts from Q1 2020 onwards Source: NAB Monthly Business Survey (March 2020) (1) (2)

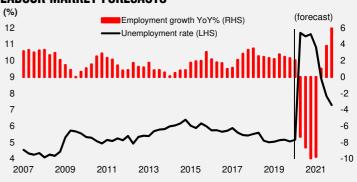
#### NZ ECONOMIC INDICATORS (%)<sup>1</sup>

	CY17	CY18	CY19	CY20(f)	CY21(f)
GDP growth <sup>2</sup>	3.1	3.2	2.3	-9.1	1.4
Unemployment <sup>3</sup>	4.5	4.3	4.0	10.0	9.5
Inflation <sup>4</sup>	1.6	1.9	1.9	0.9	1.2
Cash rate (OCR) <sup>3</sup>	1.75	1.75	1.0	0.25	0.25

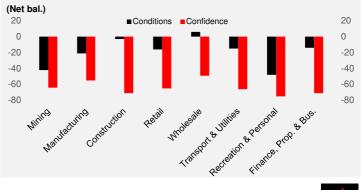
#### NZ SYSTEM GROWTH (%)<sup>5</sup>

	FY17	FY18	FY19	FY20(f)	FY21(f)
Housing	6.6	6.0	6.5	7.3	2.9
Personal	7.8	4.7	0.1	-4.8	-5.5
Business	4.8	4.1	4.8	7.5	-4.0
Total lending	5.8	5.2	5.6	7.0	0.0
Household retail deposits	7.7	6.9	5.1	7.0	3.3

#### LABOUR MARKET FORECASTS<sup>1</sup>

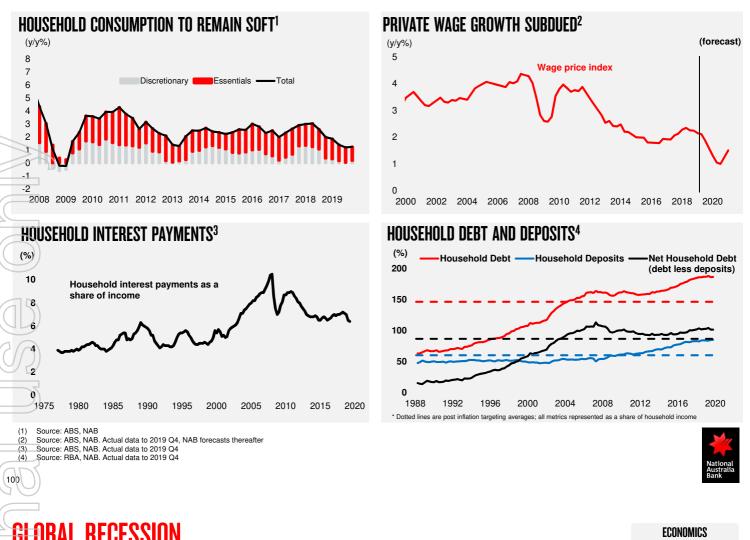


#### BUSINESS CONFIDENCE AND CONDITIONS BY INDUSTRY<sup>2</sup>

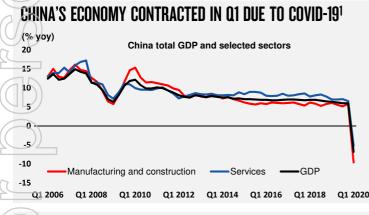




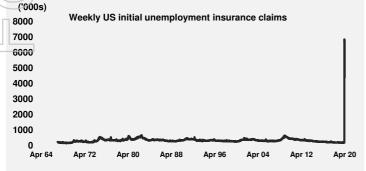
## HOUSEHOLD SPENDING SUBDUED AND DEBT REMAINS HIGH



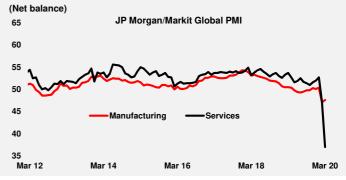
## **GLOBAL RECESSION**



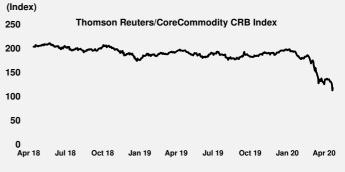
#### SIGNIFICANT AND RAPID IMPACT ON LABOUR MARKETS<sup>1</sup>



BUSINESS SURVEYS POINT TO LARGE GLOBAL IMPACT<sup>1</sup>



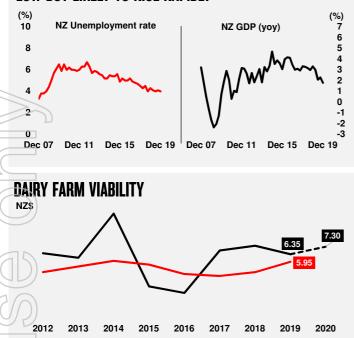
#### COMMODITY PRICES REACT TO GLOBAL DOWNTURN<sup>1</sup>



(1) Source: Refinitiv

## NEW ZEALAND

# NZ GROWTH SLOWING PRE COVID-19; UNEMPLOYMENT LOW BUT LIKELY TO RISE RAPIDLY<sup>1</sup>



Mid Point of Fonterra milk price forecast<sup>3</sup>
Assessed average cost of production (per kg)<sup>4</sup>

(1) Source: Refinitiv, Statistics NZ, Dec-19

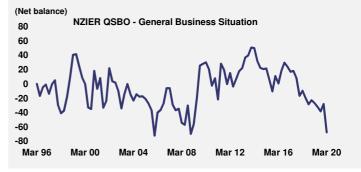
Source: NZIER Source: Fonterra forecast (milk price)

Source: Fonterra forecast (milk price)
 Source: Dairy NZ estimate of average cost of production (includes interest, rent, tax and drawings)

(5) Source: Refinitiv, REINZ

(2)

#### **BUSINESS SURVEYS FLAG BIG INITIAL IMPACT FROM COVID-192**



#### HOUSING MARKET SOLID PRE COVID-195





# OR OTHER INFORMATION

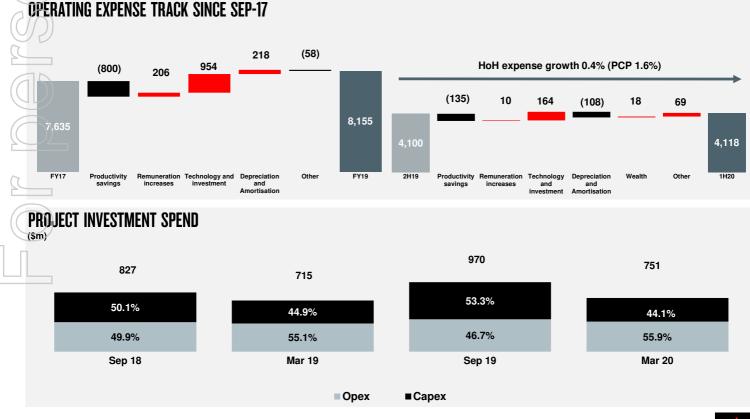
# **GROUP CASH EARNINGS RECONCILIATION TO STATUTORY NET PROFIT**

- 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. Prior period non-cash earnings have been restated to exclude discontinued operations.
- The definition of cash earnings, 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 page 2 of the 2020 Half Year Results Announcement. The Group's financial statements, prepared in accordance with the Corporations Act 2001 (Cth) and Australian Accounting Standards, and reviewed by the auditors in accordance with Australian Auditing Standards, are set out in the 2020 Half Year Results Announcement.

	1H20 (\$m)	1H20 v 2H19	1H20 v 1H19
Cash earnings	1,436	(33.0%)	(51.4%)
Non-cash earnings items (after tax)			
Distributions	22	(29.0%)	(57.7%)
Fair value and hedge ineffectiveness	8	(82.6%)	large
Amortisation and impairment of acquired intangible assets	(221)	large	large
MLC Wealth divestment separation costs	(37)	12.1%	94.7%
Net profit from continuing operations	1,208	(44.7%)	(58.4%)
Net profit after tax from discontinued operations	105	large	large
Statutory net profit attributable to owners of NAB	1,313	(37.6%)	(51.3%)



# **OPERATING EXPENSES AND PROJECT INVESTMENT SPEND**





# **ABBREVIATIONS**

	AUM	Assets Under Management	LCR	Liquidity Coverage Ratio
	-		-	
	CET1	Common Equity Tier 1 Capital	LVR	Loan to Value Ratio
	CIC	Credit impairment charge	МТМ	Mark to market
	CLF	Committed Liquidity Facility	NII	Net Interest Income
	CPS	Cents Per Share	NPS	Net Promoter Score
	СТІ	Cost to income ratio	NSFR	Net Stable Funding Ratio
	DRP	Dividend Reinvestment Plan	OIS	Overnight Index Swap
C	DVA	Derivative valuation adjustment	001	Other operating income
2	EAD	Exposure at Default	отс	Over the counter
P	EA	Economic Adjustment	RMBS	Residential Mortgage Backed Securities
C	EPS	Earnings Per Share	ROE	Return on Equity
	FTEs	Full-time Equivalent Employees	RWAs	Risk-weighted assets
	FUM/A	Funds Under Management and Administration	SFI	Stable Funding Index
A	GIAs	Gross Impaired Assets	SME	Small and Medium Enterprise
$(\bigcirc$	GLAs	Gross Loans and acceptances	TCFD	Task Force on Climate-related Financial Disclosures
q	HQLA	High Quality Liquid Assets	TFF	Term Funding Facility
	IRB	Internal Ratings Based approach	UNEP FI	United Nations Environment Programme - Finance Initiative



# DISCLAIMER

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The material in this presentation is general background information about the NAB Group current at the date of the presentation on 27 April 2020. 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 2020 Half Year Results Announcement (available at <u>www.nab.com.au</u>). It is not intended to be relied upon as advice to investors or potential investors and does not take into account the 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.

This presentation describes certain initiatives relating to the Group's strategic agenda ("Program"), including certain forward looking statements. These statements are subject to a number of risks, assumptions and qualifications, including: (1) the Group's ability to execute productivity initiatives and realise operational synergies, cost savings and revenue benefits in accordance with the Program plan (including, in relation to CTI and ROE targets, the extension of improvements beyond the current Program plan); (2) the Group's ability to recuit and retain FTE and contractors with the requisite skills and experience to deliver Program initiatives; (4) there being no significant change in the Group's financial performance or operating environment, including the economic conditions in Australia and New Zealand, changes to financial markets and the Group's ability to raise funding and the cost of such funding, increased competition, changes in interest rates and changes in customer behaviour; (5) there being no material change to law or regulation or changes to regulatory policy or interpretation, including relating to the capital and liquidity requirements of the Group; (6) for the purpose of calculating FTE cost savings and redundancy costs, the Group has assumed an average FTE cost based on Group-wide averages, and such costs (excluding JBWere and nabtrade) may have an impact on the timing, scope and cost of the Program, however the impact cannot be quantified at this time.

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) the risks and uncertainties associated with the ongoing impacts of COVID-19, the Australian and global economic environment and capital market conditions. Further information is contained in the Group's Luxembourg Transparency Law disclosures released to the ASX on 27 April 2020 and the Group's Annual Financial Report for the 2019 financial year, which is available at <a href="https://www.nab.com.au">www.nab.com.au</a>.

#### No Offer

This presentation does not constitute an offer to sell, or the solicitation of an offer to buy, any securities in the United States or any other jurisdiction in which such an offer would be illegal. The securities referred to in this presentation have not been, and will not be, registered under the U.S. Securities Act of 1933, as amended (the **U.S. Securities Act**), or the securities laws of any state or other jurisdiction of the United States. Accordingly, the securities referred to in this presentation may not be offered or sold, directly or indirectly, in the United States unless the securities have been registered under the U.S. Securities Act (which NAB is under no obligation to do) or are offered or sold pursuant to an exemption from, or in a transaction not subject to, the registration requirements of the U.S. Securities Act and applicable securities laws of any state or other jurisdiction of the United States.

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

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