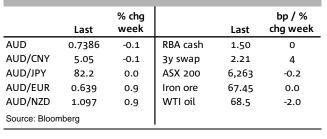
# **AUSTRALIAN MARKETS WEEKLY**



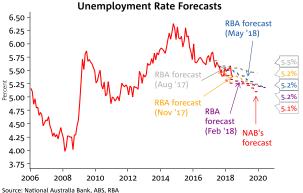
RBA: growth ahead but far from a uniform outlook

In this issue		The RBA is under the spotlight this week. First there is the monthly Board meeting tomorrow, RBA Governor Lowe speaks at Wednesday lunchtime on <i>Demographic</i>					
RBA: growth ahead but far from a uniform outlook 1		Change and Recent Monetary Policy, followed Friday with the release of the Bank's Statement on Monetary Policy on Friday.					
Calendar of economic releases 4 Forecasts 5		Tomorrow's RBA Board is again "odds on" to leave rates steady again, the cash rate now having been steady for the past two years, the longest stretch of unchanged official rates. The Board will be briefed on the Bank's latest outlook for the economy that will be encapsulated in Friday's quarterly Statement on Monetary Policy. We					
	•	delve further into the outlook on page 2. The risks continue to evolve - especially on tariffs - but baseline official forecasts won't undergo much change. Needless to say, we'll be on the lookout particularly for how the RBA sees the risks to growth, risks the outlook has become cloudier. The global outlook seems less assured while domestic drivers continue to look uneven if positive on balance.					
	•	It will be interesting to see whether RBA Governor Lowe's Wednesday speech contains a deep dive into population growth, the participation rate and what all that means for unemployment and wages, all keys to the outlook.					
	•	The RBA's May growth and inflation forecasts still look broadly on track, now with the benefit of the March quarter national accounts (stronger), some recent Q2 growth partials (hints of resilience into Q2) and the June quarter CPI (in line to a touch softer). The medium-term RBA outlook, now extended another half year to December 2020, will also likely continue to forecast 3%-plus GDP growth, a gradual reduction in unemployment, and a gradual increase in inflation to just over 2%.					
	•	Last Friday's US non-farm payrolls report was very much a goldilocks report on the economy. The activity side remained solid, with the unemployment rate down a tenth to 3.9% and the broader underemployment rate declining 0.3% points to 7.5%. Growth in average hourly earnings remained steady at 2.7% y/y, pointing to the likelihood of further gradual rate rises from the Fed. A hike at the 26 September FOMC is over 90% priced in.					
To contact NAB's market experts, please click on one of the following links: <u>Ask the Economists</u>	•	The AUD/USD remains sensitive to any news on tariffs and trade. In a data-lightened week offshore, this focus increases even more, especially with little in the way of major US economic data ahead of the July CPI out on Friday. Wednesday's Chinese trade report for July could draw more political and market interest should the surplus shrink or expand materially. (Shrinking export and import growth would likely be viewed as signs of slower Chinese growth.)					
<u>Ask the FX Strategists</u> <u>Ask the Interest</u> <u>Rate Strategists</u>	•	On Friday, China specified increased tariffs on \$60bn of US imports, introduction held over pending US actions. This might ordinarily have added more selling pressure to the AUD, but the People's Bank of China increased reserve requirements on Chinese yuan forwards, supporting the CNY (and AUD) Friday. The USD/CNY has been set a					

ld ٦ yuan forwards, supporting the CNY (and AUD) Friday. The USD/CNY has been set a few pips higher today (CNY lower again), the AUD softening below 0.74.



### **Unemployment Rate Forecasts**



#### David de Garis, Director, Economics

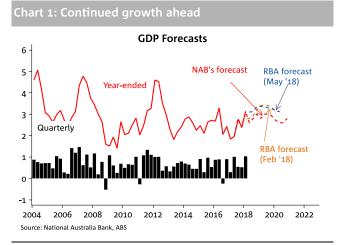
### Growth: a solid H1 2018 base

The economy has had positive momentum through the first half of the year. Growth in the March quarter was a solid 1.0% (and 3.1% over the year), growth reflecting a combination of net exports and from domestic demand. Indicators of growth for the June quarter have to date been mixed. Trade data for the quarter point to net exports being a at best a small positive for growth, while retail volumes rose a solid 1.2%, a pointer to a sturdier contribution from household consumption after what was a very modest 0.2% point contribution in Q1.

NAB still expects GDP to average growth of around 2.9% in 2018 and for next year. It's far from a uniform outlook with some sectors continuing to perform well while others are more subdued (consumption) or past their cyclical peak (dwelling investment).

On the positive side of the ledger, strength from resource exports (most notably from LNG), from public sector infrastructure investment, the roll out in the National Disability Insurance Scheme and non-mining business investment are expected to be the main pillars of growth.

Also on the upside, there is now the probability of new investment from the mining sector to sustain production. The NAB Business Survey highlights the strong recovery in Mining that has the strongest levels of Business Conditions and Confidence. Against such positive signs for the business sector, recent non-residential building approvals have been flatter, pointing to more limited levels of nonresidential construction.



Also on the downside, while employment growth has been solid with some more growth likely, some recent leading indicators of labour demand have been more volatile recently, opening the possibility of less growth momentum, something to be watched closely.

For households, flat real wages, cost pressures and high debt also act as constraints. Around 2½% growth in household consumption still seems likely ahead. The legacy effects of tighter credit also seem likely to restrain the prospective growth in dwelling investment.

Overall, growth seems more likely to remain tilted to the business sector, from growth in LNG export volumes from the ramp up, and from public sector infrastructure.

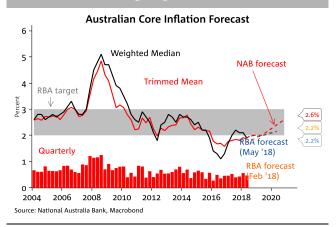
As for offshore influences, international trade and tariff developments remains under close watch and one key downside risk to growth. If all the threatened tariff rises were to be enacted and persist, models suggest that could trim up to around ½% point from world growth. Already in response, we have seen signs from China of more macroeconomic support, including the depreciation of its currency. US monetary policy remains accommodative as does fiscal policy.

While the RBA's baseline Australian economic growth forecasts are likely remain around 3%, it will be interesting to see how they couch the trade and tariff news and whether they offer any quantification of such effects. They are likely to recognise that these tariff risks are happening in a global environment of above average growth.

### Unemployment still sticky around 51/2%

The flow through of still high growth in the population and the rise in the participation rate have together been sufficient to fuel labour supply that has matched employment growth. There has been little change in the unemployment rate as a result, steady at 5½% for the past year. The various influences on the participation rate is an area the Governor might address in his speech on Wednesday.

Chart 2: Core CPI to edge higher over time



### The slow burn on inflation

It is hard to envisage the RBA doing little for now other than remaining on hold into 2019. This will occur until such time as there is evidence of less spare capacity in the labour market and some signs of emerging wage pressures.

### **Forecast extension**

The RBA will extend its forecasts to the end of 2020. One area to watch here is RBA expectations for the unemployment rate. In May, the RBA forecast the unemployment rate to reach 5¼% by the middle of 2020, down a net ¼% between now and then, a "gradual" reduction. NAB forecasts call for an unemployment rate around 5% by late 2020. The table overleaf provides a comparison of NAB forecasts to those of the RBA.

We doubt there will be little change to RBA baseline forecast views, but the environment continues with a degree of uncertainty, but also the domestic economy exhibiting a degree of divergence between positive influences and potential drags on growth.

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### **RBA SoMP forecasts: Aug 18 SoMP**

RBA May 18 forecasts in grey; Aug 18 SoMP revision risk; NAB's forecasts in red

		ne) may	10 1010000	co B. c	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		01111010	10,00 3 1010									
								Year-ende	d								
	Jun 18	Jun 18 Dec 1			Jun 18 Dec 18				Jun 19			Dec 19			Jun 20	Dec 20 (new)	
		RBA		NAB	RI	BA	NAB	R	BA	NAB	RB	A	NAB	RBA	NAB		
		May '18	Aug '18		May '18	Aug '18		May '18	Aug '18		May '18	Aug '18		Aug '18			
GDP growth	2¾	3¼	✓	3.0	3½	✓	3.0	3¼	✓	2.9	3	$\checkmark$	2.7	3	2.8		
Unemployment rate	5.4	5½	$\checkmark$	5.3	5¼	$\checkmark$	5.1	5¼	$\checkmark$	5.0	5¼	$\checkmark$	5.0	5¼	5.0		
CPI inflation	2.1	2¼	$\checkmark$	2.3	2¼	$\checkmark$	2.0	2¼	$\checkmark$	2.2	2¼	$\checkmark$	2.6	2¼	2.8		
Underlying inflation	1.9	2	$\checkmark$	2.0	2	$\checkmark$	2.0	2	$\checkmark$	2.2	2¼	$\checkmark$	2.4	2¼	2.6		
								Year avera	ge								
	2017/18		2018		2	2018/19			2019		2	2019/20		2020			
GDP growth	2¾	3.0	✓	2.9	3¼	~	2.9	3¼	✓	3.0	3¼	✓	2.8	3	2.7		

(a) Aug '18 technical assumptions: \$A at US\$0.74, TWI at 63; Brent crude oil price at US\$74 per (b) May '18 technical assumptions: \$A at US\$0.75, TWI at 62; Brent crude oil price at US\$71 per Sources: NAB; RBA Statement on Monetary Policy, 4 May 18

# **CALENDAR OF ECONOMIC RELEASES**

Country	Economic Indicator	Period	Forecast	Consensus	Actual	Previous	GMT	AEST
Monday,	3 September 2018							
Restoratio	on of US sanctions on Iran scheduled							
AU	Melbourne Institute Inflation MoM/YoY	Jul		/		0/2	0.00	11.00
NZ	ANZ Commodity Price	Jul	-4.3			-1	0.00	11.00
AU	ANZ Job Advertisements MoM	Jul				-1.7	0.30	11.30
GE	Factory Orders MoM/YoY	Jun		-0.5/3.4		2.6/4.4	5.00	16.00
	7 August 2018							
СН	Foreign Reserves	Jul		3105		3112.13	0.20	11.20
AU	AiG Perf of Construction Index	Jul				50.6	21.30	8.30
AU	RBA Cash Rate Target	7 Aug		1.5		1.5	3.30	14.30
JN	Leading Index Cl	Jun P		105.3		106.9	4.00	15.00
GE	Industrial Production SA MoM/YoY	Jun		-0.5/3		2.6/3.1	5.00	16.00
UK	Halifax House Prices MoM/YoY	Jul		0.2/2.6		0.3/1.8	6.30	17.30
NZ	Dairy Auction Avg. Winning Price MT	7 Aug	around flat			-1.7	early am	
	ay, 8 August 2018	1.1						0.00
NZ	ANZ Truckometer Heavy MoM	Jul				-1.5	21.00	8.00
JN	BOJ Summary of Opinions	t					22.50	9.50
JN	BoP Current Account Balance	Jun		1222.2 826.8		1938.3	22.50	9.50
JN	Trade Balance BoP Basis	Jun	0.5			-303.8	22.50	9.50
AU	Home Loans MoM	Jun	0.5	0		1.1	0.30	11.30
СН	Trade Balance	Jul Jul		10/16 7		44.2/44.4	2.00	13.00
CH	Exports YoY/Imports YoY			10/16.7		11.3/14.1	2.00	13.00
NZ	2Yr Inflation Expectation	3Q	the Antile Founds	Han Cudman		2.01	2.00	13.00
AU US	RBA Governor Lowe Speech: Demographic Change and Recer		the Anika Founda	tion, sydney		-2.6	2.05	13.05
CA	MBA Mortgage Applications	3 Aug Jun		1.2			10.00	21.00
US	Building Permits MoM	Juli		-1.2		4.7	11.30	22.30
US Thursday	Fed's Barkin Speaks in Roanoke, Virginia , 9 August 2018						11.45	22.45
NZ	RBNZ Official Cash Rate	9 Aug	1.75	1.75		1.75	20.00	7.00
JN	Core Machine Orders MoM/YoY	Jun	1./5	-1/10.5		-3.7/16.5	22.50	9.50
СН	PPI YoY / CPI YoY	Jul		4.4/2		4.7/1.9	0.30	11.30
JN	Machine Tool Orders YoY	Jul P		4.4/2		11.4	5.00	16.00
CA	Housing Starts	Jul		219.5		248.138	11.15	22.15
CA	New Housing Price Index MoM	Jun		0		240.130	11.30	22.30
US	Initial Jobless Claims	4 Aug		220		218	11.30	22.30
US	PPI Final Demand MoM/YoY	Jul		0.2/3.4		0.3/3.4	11.30	22.30
US	Wholesale Inventories MoM	Jun F		0		0	13.00	0.00
	August 2018			-		-		
СН	Money Supply M2 YoY	Jul		8.2		8	10 to 15 Aug	iust
СН	New Yuan Loans CNY	Jul		1200		1840	10 to 15 Aug	
NZ	REINZ House Sales YoY	Jul				-1.6	10 to 14 Aug	
NZ	BusinessNZ Manufacturing PMI	Jul				52.8	21.30	8.30
NZ	Electronic Card Transactions		0.5	0.5		0.4	21.45	8.45
JN	GDP SA QoQ/ Annualised	2Q P		0.3/1.4		-0.2/-0.6	22.50	9.50
JN	PPI MoM/YoY	Jul		0.2/2.9		0.2/2.8	22.50	9.50
AU	RBA Statement on Monetary Policy						0.30	11.30
UK	Trade Balance	Jun		-2500		-2790	7.30	18.30
UK	GDP QoQ/YoY	2Q P		0.4/1.3		0.2/1.2	7.30	18.30
UK	Industrial Production MoM/YoY	Jun		0.4/0.7		-0.4/0.8	7.30	18.30
CA	Net Change in Employment/Unemployment Rate	Jul		19/5.9		31.8/6	11.30	22.30
CA	Hourly Earnings Permanent Empl YoY	Jul		3.6		3.5	11.30	22.30
US	CPI MoM/YoY	Jul		0.2/2.9		0.1/2.9	11.30	22.30
US	CPI Ex Food and Energy MoM/YoY	Jul		0.2/2.3		0.2/2.3	11.30	22.30
Upcomir	ng Central Bank Interest Rate Announcements							
Australia,	RBA	7-Aug	1.5%	1.5%		1.5%		
New Zeal	and, RBNZ	9-Aug	1.75%	1.75%		1.75%		
Canada, E	BoC	5-Sep	1.5%	1.5%		1.5%		
	CB	13-Sep	-0.4%	-0.4%		-0.4%		
Europe, E								
Europe, E UK, BOE		13-Sep	0.75%	0.75%		0.75%		
			0.75% -0.1%	0.75% -0.1%		0.75% -0.1%		

GMT: Greenwich Mean Time; AEST: Australian Eastern Standard Time

# **FORECASTS**

Economic Forecasts		Annual %	1										N/ 1							
	Quarterly % change																			
							17		2018			2019						20		
Australia Forecasts	2017	2018	2019	2020	Q1	Q2	Q3	Q4												
Household Consumption	2.7	2.5	2.5	2.9	0.3	1.0	0.6	1.0	0.3	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.5	0.7	0.7
Underlying Business Investment	3.0	3.3	6.6	6.5	3.1	0.0	3.7	-0.5	-0.1	1.3	1.6	0.9	2.1	1.6	2.2	1.2	1.4	1.8	1.4	2.3
Residential Construction	-2.2	-1.4	-2.6	0.4	-3.2	0.3	-2.1	-0.1	0.9	-1.1	-0.6	-0.7	-1.0	-0.5	-0.2	-0.2	0.2	0.3	0.4	0.5
Underlying Public Spending	4.5	4.8	4.3	4.5	1.0	1.3	1.4	1.2	1.5	0.8	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Exports	3.5	4.4	4.9	2.4	-1.9	2.9	0.7	-1.5	2.4	1.1	1.5	1.4	1.3	1.2	0.7	0.6	0.5	0.6	0.4	0.7
Imports	7.8	4.2	4.4	5.8	3.1	-0.1	2.6	1.6	0.5	0.7	0.9	0.8	1.1	1.3	1.5	1.3	1.5	1.3	1.4	1.5
Net Exports (a)	-1.0	-0.1	0.0	-0.8	-1.1	0.6	-0.4	-0.7	0.3	0.1	0.1	0.1	0.0	0.0	-0.2	-0.2	-0.3	-0.2	-0.3	-0.2
Inventories (a)	-0.1	0.0	-0.1	0.0	0.4	-0.5	0.1	0.0	0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic Demand - qtr%					0.7	0.9	0.9	0.8	0.6	0.6	0.7	0.6	0.8	0.8	0.9	0.8	0.9	0.8	0.9	1.0
Dom Demand - ann %	3.0	2.8	3.0	3.5	2.3	2.6	3.6	3.3	3.2	2.8	2.6	2.5	2.6	2.9	3.1	3.3	3.4	3.4	3.4	3.6
Real GDP - qtr %					0.3	1.0	0.5	0.5	1.0	0.5	0.7	0.7	0.8	0.7	0.7	0.6	0.6	0.7	0.6	0.8
Real GDP - ann %	2.2	2.9	3.0	2.7	1.8	2.0	2.8	2.4	3.1	2.6	2.8	3.0	2.8	3.0	3.0	2.9	2.7	2.7	2.6	2.8
CPI headline - qtr %					0.5	0.2	0.6	0.6	0.4	0.7	0.4	0.7	0.4	0.5	0.6	0.8	0.6	0.6	0.7	0.8
CPI headline - ann %	1.9	2.2	2.2	2.6	2.1	1.9	1.8	1.9	1.9	2.4	2.2	2.3	2.2	2.0	2.2	2.2	2.5	2.6	2.7	2.8
CPI underlying - qtr %					0.4	0.6	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7
CPI underlying - ann %	1.8	2.0	2.1	2.5	1.7	1.8	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.2	2.3	2.4	2.5	2.6
Wages (Pvte WPI - qtr %					0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Wages (Pvte WPI - ann %)	1.8	2.1	2.5	2.7	1.8	1.8	1.9	1.9	1.9	2.0	2.1	2.2	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8
Unemployment Rate (%)	5.6	5.4	5.0	5.0	5.9	5.6	5.5	5.4	5.5	5.5	5.4	5.3	5.2	5.1	5.0	5.0	5.1	5.0	4.9	5.0
Terms of trade	12.3	-0.4	-0.8	0.0	5.4	-6.0	-0.1	0.4	3.3	-1.4	-3.4	-0.2	-1.9	-1.4	-0.1	0.2	-0.3	0.3	-0.3	0.3
Annual % change (hide)					24.9	14.7	10.1	-0.7												
G&S trade balance, \$Abn	10.2	8.4	-11.2	-28.5	6.4	3.4	1.4	-1.0	4.1	3.2	0.4	0.8	-0.9	-2.5	-3.6	-4.2	-5.8	-6.3	-7.9	-8.6
% of GDP	0.6	0.4	-0.6	-1.4	1.4	0.8	0.3	-0.2	0.9	0.7	0.1	0.2	-0.2	-0.5	-0.7	-0.8	-1.1	-1.2	-1.5	-1.6
Current Account (% GDP)	-2.5	-2.7	-3.7	-4.4	-1.6	-2.4	-2.6	-3.2	-2.3	-2.4	-3.0	-2.9	-3.3	-3.6	-3.8	-3.9	-4.2	-4.3	-4.6	-4.7
Source: NAB Group Economics; (a	a) Contribu	itions to Gl	DP growth	1																

Exchange Rate Forecasts

	6-Aug	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19
Majors						
AUD/USD	0.7386	0.73	0.75	0.75	0.75	0.75
NZD/USD	0.6737	0.69	0.70	0.70	0.71	0.71
USD/JPY	111.32	109.0	110.0	108.0	106.0	104.0
EUR/USD	1.1555	1.15	1.18	1.22	1.22	1.25
GBP/USD	1.2991	1.32	1.38	1.45	1.47	1.53
USD/CHF	0.9955	1.02	1.00	0.98	0.98	0.97
USD/CAD	1.3008	1.32	1.28	1.26	1.25	1.25
USD/CNY	6.8302	6.50	6.40	6.30	6.23	6.23
Australian Cross Rates						
AUD/NZD	1.0963	1.06	1.07	1.07	1.06	1.06
AUD/JPY	82.2	80	83	81	80	78
AUD/EUR	0.6392	0.63	0.64	0.61	0.61	0.60
AUD/GBP	0.5685	0.55	0.54	0.52	0.51	0.49
AUD/CNY	5.0448	4.75	4.80	4.73	4.67	4.67
AUD/CAD	0.9608	0.96	0.96	0.95	0.94	0.94
AUD/CHF	0.7353	0.74	0.75	0.74	0.74	0.73
Interest Rate Fo	recasts	5				
	6-Aug	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19
Australia Rates						
RBA Cash rate	1.50	1.50	1.50	1.50	1.75	1.75
3 month bill rate	1.97	1.95	1.95	1.95	2.15	2.15
3 Year Swap Rate	2.21	2.15	2.35	2.50	2.80	3.00
10 Year Swap Rate	2.91	2.95	3.20	3.30	3.60	3.70
Offshore Policy Rates						
US Fed funds	2.00	2.25	2.50	2.75	3.00	3.25
ECB deposit rate	-0.40	-0.40	-0.40	-0.40	-0.40	-0.20
BoE repo rate	0.75	0.50	0.75	0.75	1.00	1.00
BoJ excess reserves rate	-0.10	-0.10	-0.10	-0.10	-0.10	-0.10
RBNZ OCR	1.75	1.75	1.75	1.75	2.00	2.25
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### Global GDP

Dec year	2015	2016	2017	2018	2019	2020	20 Yr Avge
Australia	2.5	2.6	2.2	2.9	2.9	2.6	3.4
US	2.9	1.5	2.3	2.8	2.3	1.7	2.6
Eurozone	2.1	1.8	2.6	2.1	2.0	1.8	1.5
UK	2.3	1.9	1.8	1.5	1.7	1.6	2.4
Japan	1.4	0.9	1.7	0.9	1.0	0.7	0.8
China	6.9	6.7	6.9	6.5	6.3	6.0	9.2
India	8.2	7.1	6.7	6.8	7.2	6.9	6.6
New Zealand	3.5	4.0	2.8	2.9	2.9	2.7	3.0
World	3.5	3.2	3.8	3.8	3.7	3.5	3.5
MTP Top 5	4.1	3.7	4.2	3.9	3.7	3.1	5.0

#### Commodity prices (\$US) 6-Aug Sep-18 Dec-18 Mar-19 Jun-19 Sep-19 Dec-19 74 1310 Brent oil 68.5 72 70 68 67 68 Gold 1214 1340 1360 1370 1380 1400 Iron ore 61 60 -58 60 62 63 65.1 Hard coking coal Thermal coal 145 80 140 75 179 117 155 150 155 85 130 77 *90* 6725 93 6900 Copper 6185 6825 6875 6950 7050 Aust LNG (\*) 13.5 12.6 12.3 11.9 11.6 11.4 11.3

(\*) Implied Australian LNG export prices.

2.77 Sources: NAB Global Markets Research; Bloomberg; ABS

4.35 15.5

2.73

2.95

4.35

16.0

2.80

3.10

2.95

4.35 16.0

3.00

3.25

3.10

4.35 16.0

3.05

3.25

3.20

4.35 16.0

3.30

3.50

3.45

4.35 16.0

3.40

3.50

3.60

China 1yr lending rate China Reserve Ratio

Australia

United States

New Zealand

10-year Benchmark Bond Yields

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