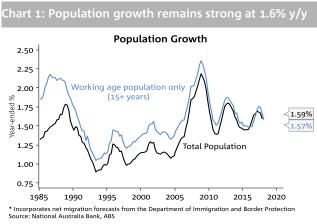
AUSTRALIAN MARKETS WEEKLY



Bigger Australia: population growth still strong

Bigger Australia2was less concrete than expected (it didn't specify which countries would output) and as a result, oil prices jumped sharply, fueling energy shares commodity currencies, with the AUD a G10 outperformer. Oil prices have part of Friday's large rises in Asian trading.Forecasts6• For the week ahead, ongoing US-led trade tensions will likely continue t focus, particularly with further protectionism signaled by US President T tweets over the weekend. Trump's latest remarks are unlikely to be com to any US trading partners – "The United States is insisting that all count have placed artificial Trade Barriers and Tariffs on goods going into thei remove those Barriers & Tariffs or be met with more than Reciprocity by Trade must be fair and no longer a one way street!".• Meanwhile, the US-China trade war continues, with the US Administratic reportedly deciding to "restrict Chinese investment in US companies and in sectors from aerospace to robotics" as it further escalates the US-Chin • Following growing concerns about the impact of US tariffs on China and momentum in key activity indicators, the PBoC eased monetary policy o weekend, cutting the reserve ratio requirement for large banks by 0.5%, over \$100b in capital.• Following growing concerns about the impact of US tariffs on China and momentum in key activity indicators, the PBoC eased monetary policy o weekend, cutting the reserve ratio requirement for large banks by 0.5%, over \$100b in capital.• To contact NAB's market experts, please click on one of the following links: Ask the Economists Ask the Ex Strategists Ask the Ittrest• Mile net overseas migration has been a key factor for overall population growth of 1.6% is strong relative to both its long-run average other countries.• While net overseas migr	In this issue	•	This week starts with a higher AUD, on the back of the weekend decision by OPEC to increase oil output by 1 million barrels/day. The decision to increase output
economic releases5part of Friday's large rises in Asian trading.Forecasts6For the week ahead, ongoing US-led trade tensions will likely continue t focus, particularly with further protectionism signaled by US President T tweets over the weekend. Trump's latest remarks are unlikely to be com to any US trading partners – "The United States is insisting that all count have placed artificial Trade Barriers and Tariffs on goods going into their remove those Barriers & Tariffs or be met with more than Reciprocity by Trade must be fair and no longer a one way street!".• Meanwhile, the US-China trade war continues, with the US Administratic reportedly deciding to "restrict Chinese investment in US companies and in sectors from arcospace to robotics" as it further escalates the US-Chin • Following growing concerns about the impact of US tariffs on China and momentum in key activity indicators, the PBoC eased monetary policy on weekend, cutting the reserve ratio requirement for large banks by 0.5%, over \$100b in capital.• All this suggests risk appetite may remain low in the week ahead, and er markets will remain under pressure. As a result, the AUD (which is treate EM proxy) faces further headwinds and we suspect it is more likely to te May 2017 low of 0.7329, rather than a sustainable recovery above 75C.• In today's Weekly, we dive into the latest Australian demographic data. Strong population growth of 1.6% is strong relative to both its long-run average other countries.• Ask the Economists Ask the InterestAsk the Conomists Ask the Interest		2	was less concrete than expected (it didn't specify which countries would increase output) and as a result, oil prices jumped sharply, fueling energy shares and
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Ask the interest			housing affordability; while net interstate outflows from WA appear to have
to remain strong, especially while the disparity in housing affordability r large/and business conditions in other states remain high.	Ask the Interest Rate Strategists	•	Going forward, net interstate migration from NSW to other eastern states is likely to remain strong, especially while the disparity in housing affordability remains

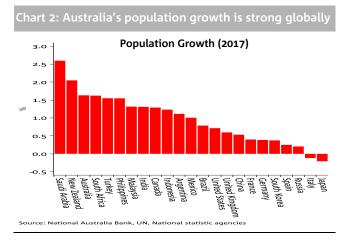
	Last	% chg week		Last	bp / % chg week
AUD	0.7421	-0.1	RBA cash	1.50	0
AUD/CNY	4.85	1.5	3y swap	2.18	-2
AUD/JPY	81.2	-1.1	ASX 200	6,210	1.7
AUD/EUR	0.637	-0.3	Iron ore	65.3	-4.6
AUD/NZD	1.075	0.6	WTI oil	68.4	4.2
Source: Bloom	berg				



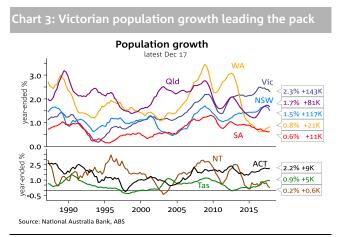
Kaixin Owyong, Economist, Markets

Bigger Australia: population continues to grow strongly

Strong population growth has been a key driver of growth for the Australian economy in recent years; supporting housing demand, consumption, infrastructure requirements while also boosting labour supply. The latest ABS figures show that Australia's population grew a solid 1.6% over 2017, a rise of 388k, and, over the past five years, the population has grown by 8% (or 1.8m people). Despite slowing slightly, Australia's population growth remains strong relative to both its long-run average (1.4% y/y), and compared to other countries.



Population growth continues to be the strongest in the non-mining states, particularly in Victoria, which is growing at an exceptionally strong 2.3% y/y. The ACT is also very strong at 2.2% y/y. Elsewhere, NSW and Queensland continue to grow at a robust pace (of 1.5% and 1.7% y/y), SA population growth is slowing (0.6% y/y), while population growth in WA and Tasmania is lifting (0.8% and 0.9% y/y). NT growth remains very weak as people migrate interstate following the end of the mining boom.



The key driver of variation in population growth continues to be net overseas migration (NOM), which contributed 240k to population growth of 388k over 2017. In contrast, the natural increase in the population has been a little slower at 146-148K in the past two years, having risen 157K in the previous five years, as birth numbers decline a little.

While still strong overall, overseas migration appears to be slowing a little, with both arrivals declining and departures lifting. Net overseas migration has been concentrated in NSW, Victoria and, to a lesser extent, Queensland in recent times – these are also the states that are experiencing the most noticeable slowing in NOM growth in the past year. This moderation in immigration likely reflects some tightening in Permanent Residency requirements in recent times.

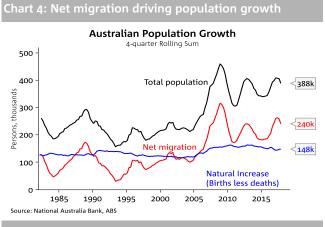
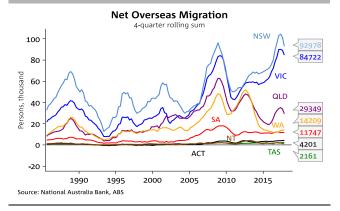
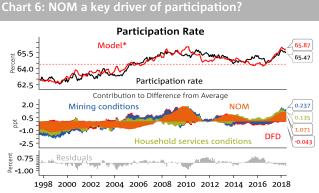


Chart 5: NOM softening a little in NSW, Vic and Qld



Previous research by NAB suggests suggests there may be a linkage between NOM and participation rates, given the considerable share of overseas arrivals that are either on student visas, working holiday visas or skilled migration visas. As such, a slowing in net overseas migration could be expected to provide a headwind to further sharp increases in the participation rate. This could mean unemployment could fall more sharply if strong employment growth is maintained.



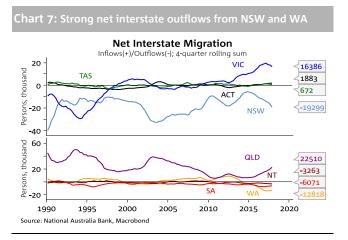
* Model includes: 12mma net overseas migration; year-ended DFD growth; 3mma business conditions for mining and household services Source: National Australia Bank, ABS

Interstate migration flows

Interstate migration flows have been key for state-level population dynamics in recent years – in particular, net outflows from WA and the NT and the rate of outflow from NSW have been important drivers of overall population growth.

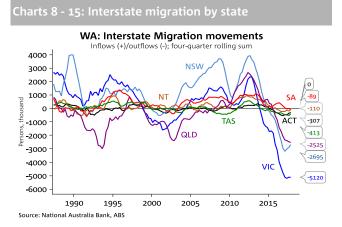
For the eastern states, net interstate outflows from NSW have had clear impacts on the population growth of Queensland, Victoria, Tasmania and the ACT – where increasing numbers of NSW residents have moved over the past year. Solid business conditions in these other states and territories, combined with better housing affordability than in Sydney have likely driven these strong net interstate outflows. Given that business conditions in these other states are likely to remain elevated, as is the relative affordability of housing, we expect strong net outflows from NSW to continue for some quarters ahead.

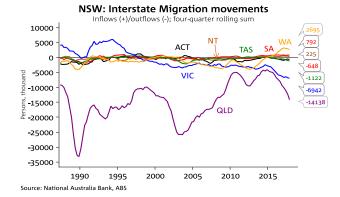
In WA, while the state continues to lose residents, on net, to all other States and Territories, it appears that net interstate migration to most of these states – barring Queensland – has begun to level out. This is a positive sign that WA's population growth is turning around, and a further signal that the drag from the end of the mining boom may be (at last) disappearing. Encouragingly, overseas migration to WA has begun to recover.

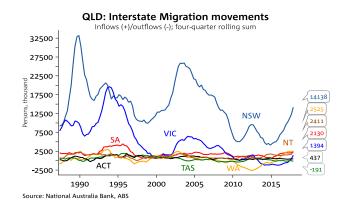


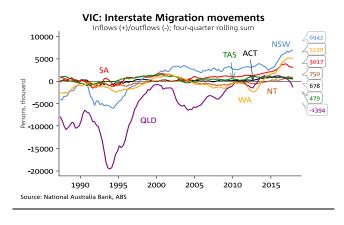
Population growth has also been stronger in the cities than regions, with all capitals recording growth that outpaced their states. Sydney in particular, recorded population growth of 2.1% y/y, 0.6ppt above that of NSW – a sign that, "big city" attractions continue to draw people in, despite relatively high housing prices. Elsewhere, Melbourne, Brisbane, Perth, Adelaide and Hobart recorded faster population growth, at 2.6%, 2%, 1%, 0.7% and 1.1% over 2017 - all 0.1 to 0.3 ppt higher than their states overall.

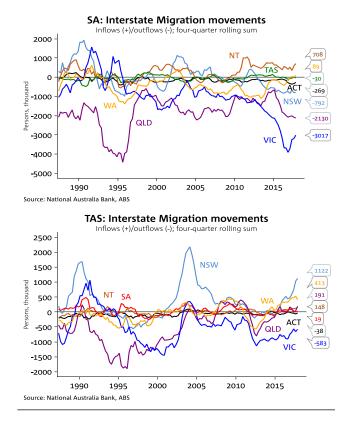
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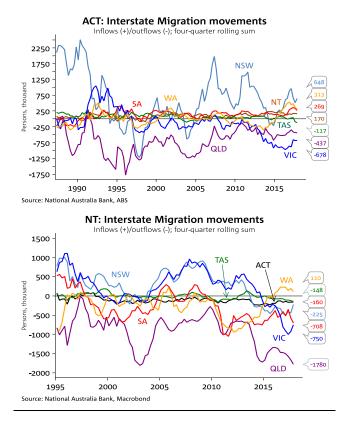












CALENDAR OF ECONOMIC RELEASES

	Economic Indicator	Period	Forecast	Consensus	Actual	Previous	GMT	AEST
	25 June 2018							
E	IFO Business Climate	Jun		101.8		102.2	7.00	18.00
S	Chicago Fed Nat Activity Index	May		0.3		0.34	11.30	22.30
5	New Home Sales	May		667		662	13.00	0.00
	Dallas Fed Manf. Activity	Jun		23		26.8	13.30	0.30
	26 June 2018							
	RBNZ Deputy Governor Bascand Speaks on Central Bank Digital Cur	rency					22.00	9.00
	Haskel, Fried Speak at BOE Appointment Hearings in London						8.00	19.0
	BOE's McCafferty speaks in London						8.30	19.3
	Richmond Fed Manufact. Index	Jun		15		16	13.00	0.00
	Conf. Board Consumer Confidence	Jun		128		128	13.00	0.00
	Fed's Bostic Speaks in Birmingham, Alabama						16.00	3.00
	Fed's Kaplan Speaks in Houston						16.00	3.4
ednesd								
	Trade Balance NZD	May	68	100		263	21.45	8.4
	ANZ Business Confidence	Jun					0.00	11.0
	M3 Money Supply YoY	May		3.8		3.9	7.00	18.0
	BOE's Carney Speaks About Financial Stability Report						7.30	18.3
	MBA Mortgage Applications	22 June				5.1	10.00	21.0
	Wholesale Inventories MoM	May P		0.2		0.1	11.30	22.3
	Durable Goods Orders	May P		-0.9		-1.6	11.30	22.3
	Cap Goods Orders Nondef Ex Air	May P		0.4		1	11.30	22.3
	ECB's Peter Praet talking to Dutch parliament						27 June	
	Retail Sales MoM/YoY	May		-0.5		2.3	27 June to 3	Julv
	Fed's Rosengren Speaks on Ethics and Economics						15.15	2.1
	BoC Governor Poloz gives speech in Victoria						18.00	5.0
	, 28 June 2018						10.00	5.0
ar saay,	RBNZ Official Cash Rate	28 June	1.75	1.75		1.75	20.00	7.0
	Retail Sales MoM/YoY	May P	1./5	-0.8/1.4		1.4/1.6	22.50	
	···· · · · · · · · · · · · · · · · · ·			-0.8/ 1.4				9.5
	Job vacancies	May				4.4	0.30	11.3
	GfK Consumer Confidence	Jul		10.6		10.7	5.00	16.0
	CPI Saxony MoM/YoY	Jun		/		0.5/2.2	6.00	17.0
	Consumer Confidence	Jun F		-0.5		-0.5	8.00	19.0
	CPI MoM/YoY	Jun P		0.2/2.2		0.5/2.2	11.00	22.0
	GDP Annualized QoQ	1Q T		2.2		2.2	11.30	22.3
	GDP Price Index/Core PCE QoQ	1Q T		1.9/		1.9/2.3	11.30	22.3
	Initial Jobless Claims	23 June		220		218	11.30	22.3
(BOE Chief Economist Haldane Spakes in London						12.30	23.3
(Nationwide House PX MoM/YoY	Jun		0.3/1.7		-0.2/2.4	28 June to 3	July
	Fed's Bullard Speaks on U.S. Economy and Monetary Policy						13.45	0.4
	Fed's Bostic to meet with Fed Up coalition in Atlanta						15.00	2.00
iday, 29	9 June 2018							
2	ANZ Consumer Confidence Index	Jun				121	21.00	8.00
	Building Permits MoM	May				-3.7	21.45	8.4
	Jobless Rate	May						
		May		2.5		2.5	22.30	9.30
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY	Jun		0.4/0.6		2.5 0.4/0.5	22.30	9.30 9.30
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY	Jun		0.4/0.6		0.4/0.5	22.30 22.30	9.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY	Jun May P	0.3/5	0.4/0.6 -1/3.4		0.4/0.5 0.5/2.6	22.30 22.30 22.50	9.3 9.5
l	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY	Jun May P May	0.3/5	0.4/0.6		0.4/0.5	22.30 22.30 22.50 0.30	9.30 9.50 11.3
l	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates	Jun May P May May	0.3/5	0.4/0.6 -1/3.4		0.4/0.5 0.5/2.6 0.4/5.1	22.30 22.30 22.50 0.30 2.00	9.30 9.50 11.3 13.0
l	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY	Jun May P May May Apr	0.3/5	0.4/0.6 -1/3.4 0.4/5		0.4/0.5 0.5/2.6 0.4/5.1 0.2	22.30 22.30 22.50 0.30 2.00 3.17	9.30 9.50 11.3 13.0 14.1
l	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY	Jun May P May May Apr May May	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294	22.30 22.30 22.50 0.30 2.00 3.17 4.00	9.30 9.50 11.3 13.0 14.1 15.0
I	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate	Jun May P May May Apr May Jun	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2	22.30 22.30 22.50 0.30 2.00 3.17 4.00 6.55	9.3 9.5 11.3 13.0 14.1 15.0 17.5
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals	Jun May P May May Apr May Jun May	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5	22.30 22.30 0.30 2.00 3.17 4.00 6.55 7.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY	Jun May P May Apr May Jun May 1Q F	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2	22.30 22.30 22.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY	Jun May P May May Apr May Jun May 1Q F Jun A	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1	22.30 22.30 22.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3 19.0
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Estimate YoY	Jun May P May Apr Apr Jun Jun May 1Q F Jun A Jun	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 7.30 8.00 8.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3 19.0 19.0
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM	Jun May P May Apr May Jun May 1Q F Jun A Jun Jun May	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5	22.30 22.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 7.30 8.00 8.00 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3 19.0 19.0 22.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY	Jun May P May Apr May Jun May 1Q F Jun A Jun May May	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.9 0.2/1.9		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 7.30 8.00 8.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3 19.0 19.0 22.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.9 0.2/1.9 0/2.6		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9	22.30 22.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 7.30 8.00 8.00 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3 19.0 19.0 22.3 22.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.9 0.2/1.9		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8	22.30 22.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 8.00 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 19.0 22.3 22.3 22.3
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.9 0.2/1.9 0/2.6		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9	22.30 22.30 22.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 19.0 22.3 22.3 23.4
	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 19.0 22.3 22.3 23.4
urday,	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 18.3 19.0 22.3 22.3 23.4 0.0
urday,	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U, of Mich. Sentiment 30 June 2018	Jun May P May Apr May Jun May 1Q F Jun A Jun May Apr Jun Jun F	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 11.30	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.3 22.4 0.0
urday,	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment 30 June 2018	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun Jun F	0.3/5	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.3 22.4 0.0
turday,	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment 30 June 2018 Manufacturing PMI	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun Jun F		0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2 51.7		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3 51.9 54.6	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.3 22.4 0.0
turday, ocomin w Zeala	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YOY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment 30 June 2018 Manufacturing PMI Composite PMI Ing Central Bank Interest Rate Announcements and, RBNZ	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun Jun Jun Jun Jun Sun Jun 28-Jun	1.75%	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2 51.7 51.7		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3 51.9 54.6 1.75%	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.3 22.4 0.0
urday, ocomin w Zeala	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment 30 June 2018 Manufacturing PMI Composite PMI Ig Central Bank Interest Rate Announcements and, RBNZ , RBA	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun Jun Jun Jun F Jun Jun Sun Jun Sun Jun	1.75% 1.5%	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2 51.7 51.7		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3 51.9 51.9 54.6	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.4 23.4 0.0
urday, ocomin w Zeala stralia, nada, E	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (000's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Estimate YOY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment . 30 June 2018 Manufacturing PMI Composite PMI ng Central Bank Interest Rate Announcements and, RBNZ , RBA BoC	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun Jun Jun F Zun Zun Zun Zun Jun Sun Jun	1.75% 1.5% 1.5%	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2 51.7 		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3 51.9 51.9 51.9 51.9 51.5% 1.5% 1.5%	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.3 22.4 0.0
urday, ocomin w Zeala stralia, nada, E	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (oco's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment 30 June 2018 Manufacturing PMI Composite PMI Ig Central Bank Interest Rate Announcements and, RBNZ , RBA BoC CCB	Jun May P May Apr May Jun May 1Q F Jun May May Apr Jun Jun Jun Jun F Zun Zun Zun Jun Jun Jun Jun Jun Jun Jun Jun Jun J	1.75% 1.5% 1.5% -0.4%	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2 51.7 51.7		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 9.3 51.9 54.6 1.75% 1.25% -0.4%	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.3 9.5 11.3 13.0 14.1 15.0 17.5 18.3 19.0 22.3 22.3 22.3 22.3 22.4 0.0
J turday, I pcomin stralia, prope, E popan, Bo	Tokyo CPI YoY/Tokyo CPI Ex-Fresh Food YoY Industrial Production MoM/YoY Private Sector Credit MoM/YoY Credit Aggregates Vehicle Production YoY Housing Starts YoY Unemployment Change (oco's)/ Unemployment Claims Rate Mortgage Approvals GDP QoQ/YoY CPI Core YoY CPI Core YoY CPI Core YoY CPI Estimate YoY Industrial Product Price MoM PCE Core MoM/YoY GDP MoM/YoY Chicago Purchasing Manager U. of Mich. Sentiment 30 June 2018 Manufacturing PMI Composite PMI Ig Central Bank Interest Rate Announcements and, RBNZ , RBA BoC CCB	Jun May P May Apr May Jun May 1Q F Jun A Jun May May Apr Jun Jun Jun F Zun Zun Zun Zun Jun Sun Jun	1.75% 1.5% 1.5%	0.4/0.6 -1/3.4 0.4/5 -5.65 -8/5.2 62.2 0.1/1.2 1 2 0.9 0.2/1.9 0/2.6 60 99.2 51.7 		0.4/0.5 0.5/2.6 0.4/5.1 0.2 0.294 -11/5.2 62.5 0.1/1.2 1.1 1.9 0.5 0.2/1.8 0.3/2.9 62.7 99.3 51.9 51.9 51.9 51.9 51.5% 1.5% 1.5%	22.30 22.30 2.50 0.30 2.00 3.17 4.00 6.55 7.30 7.30 8.00 8.00 11.30 11.30 11.30 11.30 12.45 13.00	9.30 9.50

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

FORECASTS

Economic Forecasts																				
		Annual %	6 change								Qu	arterly S	% chang	je						
				20	2016 2017				20	18		2019								
Australia Forecasts	2016	2017	2018	2019	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Household Consumption	2.9	2.7	2.5	2.5	0.9	0.6	0.5	0.8	0.3	1.0	0.6	1.0	0.3	0.5	0.6	0.6	0.6	0.6	0.7	0.7
Underlying Business Investment	-11.8	3.0	3.3	6.6	-3.4	-2.6	-5.6	2.2	3.1	0.0	3.7	-0.5	-0.1	1.3	1.6	0.9	2.1	1.6	2.2	1.2
Residential Construction	8.7	-2.2	-1.4	-2.6	4.3	1.7	-0.7	2.4	-3.2	0.3	-2.1	-0.1	0.9	-1.1	-0.6	-0.7	-1.0	-0.5	-0.2	-0.2
Underlying Public Spending	5.2	4.5	4.8	4.3	1.8	1.9	1.1	0.6	1.0	1.3	1.4	1.2	1.5	0.8	0.9	1.0	1.1	1.1	1.1	1.1
Exports	6.8	3.5	4.4	4.9	2.1	1.4	0.8	3.4	-1.9	2.9	0.7	-1.5	2.4	1.1	1.5	1.4	1.3	1.2	0.7	0.6
Imports	0.2	7.8	4.2	4.4	-0.8	2.1	0.9	2.5	3.1	-0.1	2.6	1.6	0.5	0.7	0.9	0.8	1.1	1.3	1.5	1.3
Net Exports (a)	1.2	-1.0	-0.1	0.0	0.9	-0.2	0.0	0.1	-1.1	0.6	-0.4	-0.7	0.3	0.1	0.1	0.1	0.0	0.0	-0.2	-0.2
Inventories (a)	0.1	-0.1	0.0	-0.1	0.0	0.4	0.2	-0.4	0.4	-0.5	0.1	0.0	0.2	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0
Domestic Demand - qtr%					0.1	0.6	-0.1	1.1	0.7	0.9	0.9	0.8	0.6	0.6	0.7	0.6	0.8	0.8	0.9	0.8
Dom Demand - ann %	1.9	3.0	2.8	3.0	1.5	1.8	1.7	2.5	2.3	2.6	3.6	3.3	3.2	2.8	2.6	2.5	2.6	2.9	3.1	3.3
Real GDP - qtr %					0.9	0.9	-0.2	1.1	0.3	1.0	0.5	0.5	1.0	0.5	0.7	0.7	0.8	0.7	0.7	0.6
Real GDP - ann %	2.6	2.2	2.9	3.0	2.7	3.3	2.0	2.4	1.8	2.0	2.8	2.4	3.1	2.6	2.8	3.0	2.8	3.0	3.0	2.9
CPI headline - qtr %					-0.2	0.4	0.7	0.5	0.5	0.2	0.6	0.6	0.4	0.7	0.4	0.7	0.4	0.5	0.6	0.8
CPI headline - ann %	1.3	1.9	2.2	2.2	1.3	1.0	1.3	1.5	2.1	1.9	1.8	1.9	1.9	2.4	2.2	2.3	2.2	2.0	2.2	2.2
CPI underlying - qtr %					0.2	0.5	0.3	0.5	0.4	0.6	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
CPI underlying - ann %	1.6	1.8	2.0	2.1	1.6	1.6	1.5	1.5	1.7	1.8	1.9	1.9	2.0	1.9	2.0	2.0	2.0	2.0	2.1	2.2
Wages (Pvte WPI - qtr %					0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7
Wages (Pvte WPI - ann %)	1.9	1.8	2.1	2.5	2.0	2.0	1.9	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.1	2.2	2.4	2.5	2.5	2.6
Unemployment Rate (%)	5.7	5.6	5.4	5.0	5.8	5.8	5.7	5.7	5.9	5.6	5.5	5.4	5.5	5.5	5.4	5.3	5.2	5.1	5.0	5.0
Terms of trade	0.6	12.3	-0.4	-0.8	-1.9	2.4	4.0	11.3	5.4	-6.0	-0.1	0.4	3.3	-1.4	-3.4	-0.2	-1.9	-1.4	-0.1	0.2
G&S trade balance, \$Abn	-14.3	10.2	8.4	-11.2	-8.7	-7.4	-4.3	6.0	6.4	3.4	1.4	-1.0	4.1	3.2	0.4	0.8	-0.9	-2.5	-3.6	-4.2
% of GDP	-0.8	0.6	0.4	-0.6	-2.1	-1.8	-1.0	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
Current Account (% GDP)	-3.1	-2.5	-2.7	-3.7	-3.8	-3.9	-3.4	-1.4	-1.6	-2.4	-2.6	-3.2	-2.3	-2.4	-3.0	-2.9	-3.3	-3.6	-3.8	-3.9
Source: NAB Group Economics; (a	a) Contrib	utions to G	DP growth	ı																

Exchange Rate Forecasts

	25-Jun	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19
Majors						
AUD/USD	0.7421	0.73	0.75	0.75	0.75	0.75
NZD/USD	0.6895	0.69	0.70	0.70	0.71	0.71
USD/JPY	109.52	109.0	110.0	108.0	106.0	104.0
EUR/USD	1.1641	1.15	1.18	1.22	1.22	1.25
GBP/USD	1.3250	1.32	1.38	1.45	1.47	1.53
USD/CHF	0.9876	1.02	1.00	0.98	0.98	0.97
USD/CAD	1.3295	1.32	1.28	1.26	1.25	1.25
USD/CNY	6.5367	6.50	6.40	6.30	6.23	6.23
Australian Cross Ra	tes					
AUD/NZD	1.0763	1.06	1.07	1.07	1.06	1.06
AUD/JPY	81.3	80	83	81	80	78
AUD/EUR	0.6375	0.63	0.64	0.61	0.61	0.60
AUD/GBP	0.5601	0.55	0.54	0.52	0.51	0.49
AUD/CNY	0.7329	0.74	0.75	0.74	0.74	0.73
AUD/CAD	0.9866	0.96	0.96	0.95	0.94	0.94
AUD/CHF	4.8509	4.75	4.80	4.73	4.67	4.67
Interest Rate			4.80	4.73	4.67	4.

	25-Jun	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	2.11	1.95	1.95	1.95	2.15	2.15			
3 Year Swap Rate	2.19	2.15	2.35	2.50	2.80	3.00			
10 Year Swap Rate	2.82	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	0.50	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			
China 1yr lending rate	4.35	4.35	4.35	4.35	4.35	4.35			
China Reserve Ratio	16.0	16.0	16.0	16.0	16.0	16.0			
10-year Benchmark Bond Yields									
Australia	2.63	2.80	3.00	3.05	3.30	3.40			
United States	2.87	3.10	3.25	3.25	3.50	3.50			
New Zealand	2.92	2.95	3.10	3.20	3.45	3.60			

Sources: NAB Global Markets Research; Bloomberg; ABS

Global GD	P								
Dec year	2015	2016	2017	2018	2019	2020	20 Yr Avge		
Australia	2.5	2.6	2.2	2.9	3.0	2.7	3.4		
US	2.9	1.5	2.3	2.7	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	1.5	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	2.9	2.9	3.0	2.4	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 (SUS)									

Commodity prices (\$05)											
	25-Jun	Sep-18	Dec-18	Mar-19	Jun-19	Sep-19	Dec-19				
Brent oil	68.4	67	66	65	66	67	68				
Gold	1269	1320	1350	1365	1370	1380	1390				
Iron ore	66.8	63	61	60	58	60	62				
Hard coking coal	198	130	110	101	99	100	100				
Thermal coal	114	90	90	90	65	65	65				
Copper	6799	6630	6630	6630	6630	6630	6630				
Aust LNG (*)	13.1	11.5	11.8	11.7	11.3	11.7	11.8				

(*) Implied Australian LNG export prices.

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