

# A strong performance

A 19% lift in whole milk powder prices in the most recent GDT auction was welcome news for New Zealand dairy farmers. There was also good (if somewhat muddied) news on the labour market front, with the unemployment rate ticking down to 5.1%.

Dairy prices put in a gold medal winning performance in last week's GlobalDairyTrade auction, with whole milk powder prices up a whopping 18.9%. Combine that with a solid outturn in the previous auction and whole milk powder prices have now risen almost 30% in the last month, and prices are back at levels last seen in October last year.

This improvement is certainly a welcome development for the dairy sector, but we'd continue to sound a note of caution. In August/September last year we saw a similar sharp lift in prices, only for this to be followed by a partial retracement through October and November. But while we'd continue to tread cautiously, the fundamentals certainly appear to finally be shifting in favour of dairy producers.

We have long been anticipating a drop in global supply in response to very low prices. And in recent months this has been starting to happen. After storming ahead following the abolition of milk production quotas in Europe in April 2015, European milk production has slowed noticeably of late. Combine this with expectations of New Zealand production declining this season on Fonterra's estimates by about 3% (on the back of a smaller national herd), and Australian milk production also expected to contract by 1% (following a 2% decline last season) and there won't be nearly as much milk sloshing around globally over the next year as we've seen over the last.

But perhaps more importantly, there are some signs that slower growth in global supply is coinciding with improved demand, particularly out of China. If sustained, this would clearly be a positive development for New Zealand exporters.

So even with a relatively cautious interpretation of the lift in dairy prices over the last month, prices to date have been stronger than expected. Consequently, we have revised up our milk price forecast for this season from \$4.60 to \$5. We will be watching forthcoming GlobalDairyTrade auctions closely, and are conscious of upside risk to this forecast if there is no retracement in prices from current levels over the coming months.

The other major data out last week was the June guarter HLFS survey. With the release date delayed by two weeks from its usual schedule (other data on wages and employment was released on time a fortnight ago), there was speculation that the HLFS survey could contain some wild numbers. This proved to be the case with a whopping 2.4% growth in employment reported in the June quarter.

Although last week's release was the first using Statistics New Zealand's updated methodology (which means those only looking at job adverts on the internet no longer count as actively seeking work) this wasn't directly responsible for the leap in employment. Instead, it was a change in the survey questionnaire which has led to a sharp lift in the

# A strong performance continued

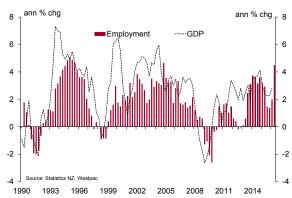
number of people counted as self-employed who were previously not counted in the labour force. In addition, the HLFS survey now includes people employed in the armed forces (living in private dwellings) who previously weren't captured by the survey. While statisticians are confident this is now a more accurate picture of employment in the economy, they haven't been able to put a finger on how much the changes have contributed to measured employment growth this quarter.

Looking across a broader range of labour market indicators we would conclude that we probably had pretty solid employment growth in the March quarter. And in this sense the fall in the unemployment rate from 5.2% to 5.1% feels about right. The bigger picture is that the labour market is continuing to gradually strengthen as the economy maintains a solid pace of growth.

Yet despite an improving labour market over the last year or two, firms reporting a lift in hiring intentions and increasing difficulty finding labour, wage inflation has been missing in action. The private sector labour cost index rose 0.4% in the June quarter, to be up just 1.6% on the year.

There are two key factors which have been keeping a lid on wage inflation. The first is the subdued inflation backdrop with annual inflation running at just 0.4%. While this means real growth in wages isn't looking nearly as tepid as the nominal headline, it also means there's little for employees to lean on when negotiating cost of living increases. The other factor keeping wage pressures contained is strong growth in working age population on the back of record net migration inflows. This was emphasised again by July

### **Employment and GDP**



net migration data, which showed a monthly net inflow of migrants into New Zealand of 5,600 in the month.

But there were also hints in July's data that the tide is starting to turn. Annual net migration eased a smidgeon in July – bringing to an end a record setting run in net migration which has lasted almost two years. Arrivals of foreigners have been tracking lower for much of this year, and we expect departures will also start to lift as people who have arrived on temporary work or student visas over the past three years start to depart. In addition, an improving Australian labour market is expected to once again entice New Zealanders across the Tasman. Combined, this should see annual net migration slow further from here with a consequent impact on growth. That said, given the record starting point, net migration will remain relatively elevated for some time yet.

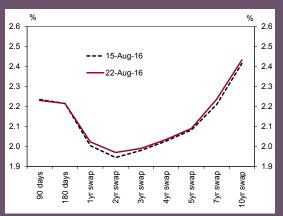
## Fixed vs Floating for mortgages

Fixed rates have fallen a long way recently, and are becoming a more attractive option for borrowers.

For borrowers with a deposit of 20% or more, the best value probably lies in the two-year rate or shorter terms. Four- and five-year rates seem high relative to where we think shorter-term rates are going to go over the next four or five years. That said, fixing for a longer term does offer the borrower greater stability.

Floating mortgage rates usually work out to be more expensive for borrowers than short-term fixed rates, such as the six-month rate. However, floating may still be the preferred option for those who require flexibility in their repayments.

#### **NZ** interest rates



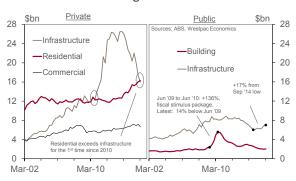
## The week ahead

### Aus Q2 construction work

Aug 24, Last: -2.6%, WBC f/c: -2.0% Mkt f/c: -2.0%, Range: -5.3% to +2.0%

- Construction activity is trending lower, down from the historic highs of 2012, as work on mining projects is completed. Total work fell in each of the past three years: -1%, -8% and -4%.
- For Q2, we expect construction activity to decline by 2.0%, following a fall of 2.6% in Q1. Excluding private infrastructure, activity is to increase by a forecast 1% in the quarter.
- Private construction activity is forecast to fall by -2.8%qtr, -14.5%yr, with infrastructure down -8%qtr, -33%yr. New home building activity, having surged 31% over 2014 and 2015, is likely to make a more modest gain, f/c +1.5% after 1.5% in Q1.
- Public activity, accounting for 19% of total work in this survey, is expected to advance for a fourth consecutive quarter, +1.4%qr, +10%yr, led higher by infrastructure projects.

## Construction work: divergent trends



# Data calendar

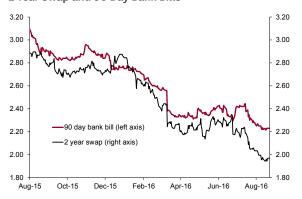
		Last		Westpac forecast	Risk/Comment
Mon 22	1				
US	Jul Chicago Fed activity index	0.16	-		Points to around trend growth in manufacturing.
Tue <b>23</b>					
Eur	Aug Markit manufacturing PMI	52.0	52.0	-	Manufacturing and service PMI point to further moderate growth
	Aug Markit services PMI	52.9	53.0	-	but outcomes vary considerably by country.
	Aug consumer confidence	-7.9	-7.7	-	Households benefitting from ECB and market rally.
Ger	Aug Markit manufacturing PMI	53.8	53.7	-	Given soft global growth, moderate gains reported a good result
	Aug Markit services PMI	54.4	54.3	-	strength of labour market could give services greater momentum.
US	Aug Richmond Fed index	10	6	-	Has been volatile, points to firm manufacturing activity.
	Jul new home sales	3.5%	-2.9%	-	Continues to trend higher; interest rates very accommodative.
Wed 24	4				
NZ	Jul trade balance, \$mn	127	-300	-400	Seasonal drop in primary exports to drive sizeable monthly deficit.
Aus	Q2 construction work done	-2.6%	-2.0%	-2.0%	Mining downturn to outweigh gains in housing & public infrastructure
US	Jun FHFA house prices	0.2%	0.3%	-	Solid price gains continuing.
	Aug Markit manufacturing PMI	52.9	53.0	-	Output, employment and new orders all improved in July.
	Jul existing home sales	1.1%	-0.4%	-	Evidence of renewed uptrend in recent months.
Thu <b>2</b> 5					
Ger	Aug IFO business climate survey	108.3	108.5	-	Conditions remain robust; but views on outlook much less certain.
US	Initial jobless claims	262k	-	-	Claims remain at very low levels.
	Jul durable goods orders	-3.9%	3.5%	4.0%	A bounce expected, but underlying trend very poor.
	Aug Kansas City Fed index	-6	-2	-	Rebound likely after a particular weak July.
Fri 26					
Eur	Jul M3 money supply %yr	5.0%	5.0%	1	Credit data also due.
UK	Q2 GDP, 2nd est.	0.6%	0.6%	0.6%	Early estimate surprised to upside; momentum has eased through Q
US	Q2 GDP, 2nd est.	1.2%	1.1%	1.1%	Revisions expected to be minimal.
	Aug Markt service PMI	51.4	52.1	-	On the improve, but well below year-ago levels.
	Aug Uni. of Michigan sentiment	90.4	90.6	-	Sentiment remains above average.
	Fed Chair Yellen.	-	-	-	Speaking at annual Jackson Hole symposium; will be closely watched
Sat 27					
Chn	Jul industrial profits %yr	5.1%	_		Pricing power very limited. Weaker CNY helps at margin.

# **New Zealand forecasts**

<b>Economic Growth Forecasts</b>		March years				Calendar years			
% change	2015	2016	2017f	2018f	2014	2015	2016f	2017f	
GDP (Production) ann avg	3.6	2.4	3.3	2.7	3.7	2.5	3.2	2.9	
Employment	3.2	2.0	2.6	1.7	3.6	1.4	3.1	2.2	
Unemployment Rate % s.a.	5.4	5.2	4.9	4.6	5.5	5.0	5.1	4.6	
CPI	0.3	0.4	1.3	1.8	0.8	0.1	1.0	1.7	
Current Account Balance % of GDP	-3.4	-3.0	-3.3	-3.6	-3.1	-3.2	-3.0	-3.7	

Financial Forecasts	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17	Dec-17
Cash	2.00	1.75	1.75	1.75	1.75	1.75
90 Day bill	2.00	1.90	1.90	1.90	1.90	1.90
2 Year Swap	2.00	1.90	2.00	2.00	2.00	2.00
5 Year Swap	2.10	2.10	2.20	2.30	2.40	2.50
10 Year Bond	2.10	2.20	2.30	2.50	2.60	2.70
NZD/USD	0.72	0.69	0.67	0.65	0.63	0.63
NZD/AUD	0.94	0.93	0.92	0.92	0.91	0.91
NZD/JPY	73.4	71.1	68.3	65.7	64.3	65.0
NZD/EUR	0.65	0.64	0.63	0.62	0.59	0.58
NZD/GBP	0.55	0.54	0.53	0.51	0.49	0.48
TWI	76.9	74.8	73.3	71.7	69.9	68.9

### 2 Year Swap and 90 Day Bank Bills



NZ interest rates as at market open on Monday 22 August 2016

Interest Rates	Current	Two weeks ago	One month ago
Cash	2.00%	2.25%	2.25%
30 Days	2.09%	2.15%	2.30%
60 Days	2.16%	2.20%	2.30%
90 Days	2.23%	2.25%	2.32%
2 Year Swap	1.97%	2.00%	2.05%
5 Year Swap	2.09%	2.09%	2.15%

NZD/USD and NZD/AUD



NZ foreign currency mid-rates as at Monday 22 August 2016

Exchange Rates	Current	Two weeks ago	One month ago
NZD/USD	0.7248	0.7138	0.6993
NZD/EUR	0.6409	0.6369	0.6369
NZD/GBP	0.5555	0.5457	0.5321
NZD/JPY	73.09	72.82	74.26
NZD/AUD	0.9531	0.9369	0.9368
TWI	77.03	76.03	75.26

# **International forecasts**

Economic Forecasts (Calendar Years)	2012	2013	2014	2015	2016f	2017f
Australia						
Real GDP % yr	3.5	2.0	2.7	2.5	3.0	3.0
CPI inflation % annual	2.2	2.7	1.7	1.7	1.2	2.0
Unemployment %	5.3	5.8	6.2	5.8	5.7	5.6
Current Account % GDP	-4.4	-3.4	-3.0	-4.8	-4.6	-4.6
United States						
Real GDP %yr	2.2	1.5	2.4	2.4	1.6	2.1
Consumer Prices %yr	2.1	1.5	1.6	0.1	1.2	1.7
Unemployment Rate %	8.1	7.4	6.2	5.3	4.8	4.6
Current Account %GDP	-2.9	-2.3	-2.3	-2.4	-2.3	-2.3
Japan						
Real GDP %yr	1.7	1.4	0.0	0.5	0.6	0.5
Euroland						
Real GDP %yr	-0.9	-0.3	0.9	1.6	1.5	1.2
United Kingdom						
Real GDP %yr	1.2	2.2	2.9	2.2	1.6	0.6
China						
Real GDP %yr	7.7	7.7	7.3	6.9	6.4	6.2
East Asia ex China						
Real GDP %yr	4.6	4.2	4.1	3.7	3.7	3.9
World						
Real GDP %yr	3.5	3.3	3.4	3.1	3.2	3.4
Forecasts finalised 12 August 2016						

Interest Rate Forecasts	Latest	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17
Australia						
Cash	1.50	1.50	1.50	1.50	1.50	1.50
90 Day Bill	1.75	1.80	1.80	1.80	1.80	1.80
10 Year Bond	1.87	1.95	2.15	2.20	2.30	2.45
International						
Fed Funds	0.375	0.375	0.625	0.625	0.875	0.875
US 10 Year Bond	1.54	1.50	1.70	1.80	2.00	2.10
ECB Deposit Rate	-0.40	-0.40	-0.40	-0.40	-0.40	-0.40

Exchange Rate Forecasts	Latest	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17
AUD/USD	0.7680	0.77	0.74	0.73	0.71	0.69
USD/JPY	100.15	103	102	101	101	102
EUR/USD	1.1345	1.10	1.08	1.07	1.05	1.06
AUD/NZD	1.0545	1.07	1.07	1.09	1.09	1.10

# Contact the Westpac economics team

Michael Gordon, Acting Chief Economist +64 9 336 5670

Satish Ranchhod, Senior Economist +64 9 336 5668

Anne Boniface, Senior Economist +64 9 336 5669

David Norman, Industry Economist +64 9 336 5656

Sarah Drought, Economist +64 9 336 5696

Any questions email: economics@westpac.co.nz

Past performance is not a reliable indicator of future performance. The forecasts given in this document are predictive in character. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

## **Disclaimer**

### Things you should know

Westpac Institutional Bank is a division of Westpac Banking Corporation ABN 33 007 457 141 ('Westpac'). This information is correct at 1 July 2016.

#### Disclaimer

This material contains general commentary, research, and market colour. The material does not constitute investment advice. The material may contain investment recommendations, including information recommending an investment strategy. Reasonable steps have been taken to ensure that the material is presented in a clear, accurate and objective manner. Certain types of transactions, including those involving futures, options and high yield securities give rise to substantial risk and are not suitable for all investors. We recommend that you seek your own independent legal or financial advice before proceeding with any investment decision. This information has been prepared without taking account of your objectives, financial situation or needs. This material may contain material provided by third parties. While such material is published with the necessary permission none of Westpac or its related entities accepts any responsibility for the accuracy or completeness of any such material. Although we have made every effort to ensure the information is free from error, none of Westpac or its related entities warrants the accuracy, adequacy or completeness of the information, or otherwise endorses it in any way. Except where contrary to law, Westpac and its related entities intend by this notice to exclude liability for the information. The information is subject to change without notice and none of Westpac or its related entities is under any obligation to update the information or correct any inaccuracy which may become apparent at a later date. The information contained in this material does not constitute an offer, a solicitation of an offer, or an inducement to subscribe for, purchase or sell any financial instrument or to enter a legally binding contract. Past performance is not a reliable indicator of future performance. Whilst every effort has been taken to ensure that the assumptions on which the forecasts are based are reasonable, the forecasts may be affected by incorrect assumptions or by known or unknown risks and uncertainties. The ultimate outcomes may differ substantially from these forecasts.

### **Country disclosures**

Australia: Westpac holds an Australian Financial Services Licence (No. 233714). This material is provided to you solely for your own use and in your capacity as a wholesale client of Westpac.

New Zealand: In New Zealand, Westpac Institutional Bank refers to the brand under which products and services are provided by either Westpac or Westpac New Zealand Limited ("WNZL"). Any product or service made available by WNZL does not represent an offer from Westpac or any of its subsidiaries (other than WNZL). Neither Westpac nor its other subsidiaries guarantee or otherwise support the performance of WNZL in respect of any such product. The current disclosure statements for the New Zealand branch of Westpac and WNZL can be obtained at the internet address www. westpac.co.nz. For further information please refer to the Product Disclosure Statement (available from your Relationship Manager) for any product for which a Product Disclosure Statement is required, or applicable customer agreement. Download the Westpac NZ QFE Group Financial Advisers Act 2008 Disclosure Statement at www.westpac.co.nz.

China, Hong Kong, Singapore and India: This material has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (as defined in the applicable Singapore laws and regulations) only. Recipients in Singapore of this material should contact Westpac Singapore Branch in respect of any matters arising from, or in connection with, this material. Westpac Singapore Branch holds a wholesale banking licence and is subject to supervision by the Monetary Authority of Singapore. Westpac Hong Kong Branch holds a banking license and is subject to supervision by the Hong Kong Monetary Authority. Westpac Hong Kong branch also holds a license issued by the Hong Kong Securities and Futures Commission (SFC) for Type 1 and Type 4 regulated activities. This material is intended only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance. Westpac Shanghai and Beijing Branches hold banking licenses and are subject to supervision by the China Banking Regulatory Commission (CBRC). Westpac Mumbai Branch holds a banking license from Reserve Bank of India (RBI) and subject to regulation and supervision by the RBI.

## **Disclaimer** continued

UK: The contents of this communication, which have been prepared by and are the sole responsibility of Westpac Banking Corporation London and Westpac Europe Limited. Westpac (a) has its principal place of business in the United Kingdom at Camomile Court, 23 Camomile Street, London EC3A 7LL, and is registered at Cardiff in the UK (as Branch No. BR00106), and (b) authorised and regulated by the Australian Prudential Regulation Authority in Australia. Westpac is authorised in the United Kingdom by the Prudential Regulation Authority. Westpac is subject to regulation by the Financial Conduct Authority and limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from us on request. Westpac Europe Limited is a company registered in England (number 05660023) and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority.

This communication is being made only to and is directed at (a) persons who have professional experience in matters relating to investments who fall within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (the "Order") or (b) high net worth entities, and other persons to whom it may otherwise lawfully be communicated, falling within Article 49(2)(a) to (d) of the Order (all such persons together being referred to as "relevant persons"). Any person who is not a relevant person should not act or rely on this communication or any of its contents. The investments to which this communication relates are only available to and any invitation, offer or agreement to subscribe, purchase or otherwise acquire such investments will be engaged in only with, relevant persons. Any person who is not a relevant person should not act or rely upon this communication or any of its contents. In the same way, the information contained in this communication is intended for "eligible counterparties" and "professional clients" as defined by the rules of the Financial Conduct Authority and is not intended for "retail clients". With this in mind, Westpac expressly prohibits you from passing on the information in this communication to any third party. In particular this communication and, in each case, any copies thereof may not be taken, transmitted or distributed, directly or indirectly into any restricted jurisdiction. This communication is made in compliance with the Market Abuse Regulation (Regulation (EU) 596/2014).

**U.S.:** Westpac operates in the United States of America as a federally licensed branch, regulated by the Office of the Comptroller of the Currency. Westpac is also registered with the US Commodity Futures Trading Commission ("CFTC") as a Swap Dealer, but is neither registered as, or affiliated with, a Futures Commission Merchant registered with the US CFTC. Westpac Capital Markets, LLC ('WCM'), a wholly-owned subsidiary of Westpac, is a broker-dealer registered under the U.S. Securities Exchange Act of 1934 ('the Exchange Act') and member of the Financial Industry Regulatory Authority ('FINRA'). This communication is provided for distribution to U.S. institutional investors in reliance on the exemption from registration provided by Rule 15a-6 under the Exchange Act and is not subject to all of the independence and disclosure standards applicable to debt research reports prepared for retail investors in the United States. WCM is the U.S. distributor of this communication and accepts responsibility for the contents of this communication. All disclaimers set out with respect to Westpac apply equally to WCM. If you would like to speak to someone regarding any security mentioned herein, please contact WCM on +1 212 389 1269. All disclaimers set out with respect to Westpac apply equally to WCM.

Investing in any non-U.S. securities or related financial instruments mentioned in this communication may present certain risks. The securities of non-U.S. issuers may not be registered with, or be

subject to the regulations of, the SEC in the United States. Information on such non-U.S. securities or related financial instruments may be limited. Non-U.S. companies may not subject to audit and reporting standards and regulatory requirements comparable to those in effect in the United States. The value of any investment or income from any securities or related derivative instruments denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related derivative instruments.

The author of this communication is employed by Westpac and is not registered or qualified as a research analyst, representative, or associated person under the rules of FINRA, any other U.S. selfregulatory organisation, or the laws, rules or regulations of any State. Unless otherwise specifically stated, the views expressed herein are solely those of the author and may differ from the information, views or analysis expressed by Westpac and/or its affiliates.

#### **Investment Recommendations Disclosure**

Investment Recommendations for Financial Instruments covered by MAR are made in compliance with Article 20 MAR. Westpac does not apply MAR Investment Recommendation requirements to Spot Foreign Exchange which is out of scope for MAR.

Unless otherwise indicated, there are no planned updates to this Investment Recommendation at the time of publication. Westpac has no obligation to update, modify or amend this Investment Recommendation or to notify the recipients of this Investment Recommendation should any information, including opinion, forecast or estimate set out in this Investment Recommendation change or subsequently become inaccurate.

Westpac will from time to time dispose of and acquire financial instruments of companies covered in this Investment Recommendation as principal and act as a market maker or liquidity provider in such financial instruments.

Westpac does not have any proprietary positions in equity shares of issuers that are the subject of an investment recommendation.

Westpac may have provided investment banking services to the issuer in the course of the past 12 months.

Westpac does not permit any issuer to see or comment on any investment recommendation prior to its completion and distribution.

Individuals who produce investment recommendations are not permitted to undertake any transactions in any financial instruments or derivatives in relation to the issuers covered by the investment recommendations they produce.

Westpac has implemented policies and procedures, which are designed to ensure conflicts of interests are managed consistently and appropriately, and to treat clients fairly.

The following arrangements have been adopted for the avoidance and prevention of conflicts in interests associated with the provision of investment recommendations.

- Chinese Wall/Cell arrangements;
- (ii) physical separation of various Business/Support Units;
- (iii) Strict and well defined wall/cell crossing procedures;
- (iv) a "need to know" policy;
- documented and well defined procedures for dealing with conflicts of interest:
- (vi) reasonable steps by Compliance to ensure that the Chinese Wall/Cell arrangements remain effective and that such arrangements are adequately monitored.