# **Markets Today**



#### Deal or no deal

The global equity rally that began on Friday has started to show signs of fatigue. Equity markets had a mixed night, with most European indices ending marginally lower while US indices are currently up between 1.2% to 2.0%, partly playing catch up from their long weekend break. Early, in the European session, news emerged from Doha that Russia, Saudi Arabia, Venezuela and Qatar agreed to freeze oil output at January levels as long as other producers also participate. Oil rose as speculation built of a potential deal, and equities also briefly enjoyed a pickup, but the rally quickly faded as it became apparent that the freezing news was merely symbolic while the chances of other important producers, namely Iran and Iraq, also look slim.

As more details of the deal began to emerge, it was clear that the freeze in production comes from producers that are already producing at or close to their max (barring Saudi Arabia). Iran, and Iraq are the other big producers and they have both publically stated their intention to increase their oil output. Talks are expected to continue in Tehran today/tomorrow, but scepticism remains that a meaningful agreement will be reach. The fact that talks are taking place is probably a positive sign, however, if these talks only serve to highlight tension between producers, then they may end up creating more uncertainty than any good.

In currencies, Sterling got an initial boost from a ComRes BREXIT poll that revealed EU supporters in the lead at 49% (vs the 41% leavers). But, it later emerged that 42% of those polled say they could change their minds ahead of the vote. The news triggered a GBP sell off while a softer CPI report (core 1.2%yoy vs 1.3% exp.) also didn't help sentiment.

Soft US data also weighed on sentiment. Empire State manufacturing index for February rose slightly to -16.6 from -19.4, below the consensus, -10.0. While the details of the report were encouraging (employment and new orders improved), the soft data and disappointing oil news triggered a rise in the USD against most currencies.

The Yen was the only outperformer against the big dollar while commodity currencies were the worst performers with NZD at the bottom of the G10 leader board despite the fact that the overnight milk auction was not as bad as expected. Dairy prices fell 2.8% on average with wholemilk powder down 3.7% to an average of US\$1,890/T.

Relative to last week's moves, core global yields had a calm night with 10y Bunds rising 2.8bps to 0.264% while 10y UST have traded in a 5bps range and are currently at 1.774%.

Looking at commodities in more detail, Brent is down 3.4% at \$32.25, WTI is off 1.2% at \$29.08 and gold has lost another 2.8%, currently trading at \$1204.3. Copper has continued its recovery, up 1.4% and iron ore had another positive day, gaining 1.1% ending the day at \$46.8.

Lastly, in central bank news, Philly Fed Harker (no voter) said he'd be in favour of delaying further interest-rate increases until inflation recovers from oil-price-induced weakness. Meanwhile Minneapolis President noted that "The biggest banks are still too big to fail and continue to pose a significant risk to our economy".

## **Coming Up**

It's a quiet day in Australia with no major data prints scheduled for release, however across the Tasman we have New Zealand Finance minister English presenting the December's Half-year Economic and Fiscal Update (HYEFU) in Parliament.

This morning we also get Japan's machine and machine tool orders. For machine orders, consensus forecast is for a 4.6%mom gain, which if right, it would signal a small pick up from the soft November's -14.4% print.

Today there are no significant European data releases, but is a busy day in the US with housing starts, PPI, industrial production, and the FOMC January 26-27 Minutes.

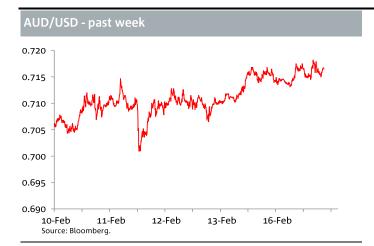
Housing starts are expected to be little changed at 1171k, PPI is expected to be softer (-0.3%) depressed by falling energy prices and while industrial production should print higher (0.3% exp), the surge in production is almost entirely due to a rebound in weather related utility production. That said, manufacturing output is the number to watch, where a pickup of 0.2% is expected.

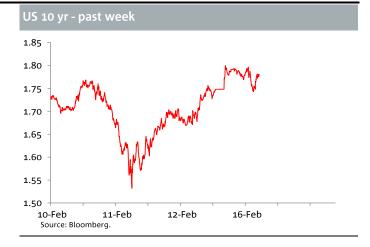
After Fed Chair Yellen's testimony last week, the FOMC minutes are unlikely to elicit any major reaction by the market. Our interpretation of Yellen's testimony was that the bar has been set quite high for a March hike. Further out the curve, however, rate hikes have not been ruled out. We would expect a similar message from the minutes.

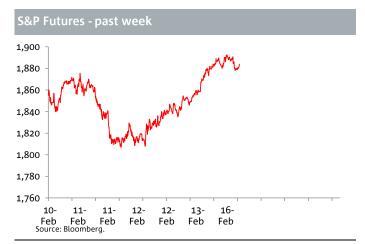
# Overnight

On global stock markets, the S&P 500 was +1.50%. Bond markets saw US 10-years +3.28bp to 1.78%. On commodity markets, Brent crude oil -3.35% to \$32.27, gold-2.8% to \$1,204, iron ore +1.1% to \$46.78. AUD is at 0.7102 and the range was 0.7082 to 0.7182.

## Markets







| WTI - past week                 |                      |
|---------------------------------|----------------------|
| 32.00                           |                      |
| 31.00                           | may                  |
| 30.00                           | . mul W              |
| 29.00                           | Northern             |
| 28.00                           | الاستمد              |
| 27.00 -                         | Male Marie           |
| 26.00                           | P 1   1              |
| 25.00 11-Feb Source: Bloomberg. | 12-Feb 15-Feb 16-Feb |

| Foreign Exchange |                                |        |               |          |     |         |        |  |
|------------------|--------------------------------|--------|---------------|----------|-----|---------|--------|--|
|                  | Indicative 24hr<br>ranges (**) |        |               |          |     | Other F | (      |  |
|                  | Last                           | % chge | chge Low High |          |     | Last    | % chge |  |
| AUD              | 0.7101                         | -0.5   | 0.7082        | 0.7182   | HKD | 7.7914  | 0.1    |  |
| NZD              | 0.6569                         | -1.2   | 0.6545        | 0.6676   | CNY | 6.5169  | 0.3    |  |
| EUR              | 1.1142                         | -0.1   | 1.1124        | 1.1193   | SGD | 1.4061  | 0.4    |  |
| GBP              | 1.4290                         | -1.0   | 1.4277        | 1.4516   | IDR | 13,395  | 0.1    |  |
| JPY              | 113.90                         | -0.6   | 113.6000      | 114.8700 | THB | 35.65   | 0.0    |  |
| CAD              | 1.3876                         | 0.3    | 1.3707        | 1.3912   | KRW | 1,217   | 0.7    |  |
| AUD/EUR          | 0.6373                         | -0.4   |               |          | TWD | 33.16   | 0.6    |  |
| AUD/JPY          | 80.89                          | -1.1   |               |          | PHP | 47.49   | 0.1    |  |
| AUD/GBP          | 0.4969                         | 0.5    |               |          | CHF | 0.99    | 0.1    |  |
| AUD/NZD          | 1.0812                         | 0.7    |               |          | SEK | 8.50    | 0.1    |  |
| AUD/CNY          | 4.6285                         | -0.2   |               |          |     |         |        |  |

| Major Indices |        |       |       |  |  |
|---------------|--------|-------|-------|--|--|
|               | Last   | % day | % y/y |  |  |
| Dow           | 16,172 | +1.2  | -10.3 |  |  |
| S&P 500       | 1,893  | +1.5  | -9.7  |  |  |
| Nasdaq        | 4,426  | +2    | -9.6  |  |  |
| VIX           | 24     | -4.8  | 64.7  |  |  |
| FTSE          | 5,862  | +0.7  | -14.5 |  |  |
| DAX           | 9,135  | -0.8  | -16.4 |  |  |
| CAC 40        | 4,111  | -0.2  | -13.5 |  |  |
| Nikkei        | 16,054 | +0.2  | -10.7 |  |  |
| Shanghai      | 2,837  | +3.3  | -12.6 |  |  |
| Hang Seng     | 19,122 | +1.1  | -22.8 |  |  |
| ASX 200       | 4,910  | +1.4  | -16.2 |  |  |

| Commodities* |         |       |  |  |
|--------------|---------|-------|--|--|
|              |         |       |  |  |
|              | Last    | % day |  |  |
| Oil (Brent)  | 32.27   | -3.4  |  |  |
| Oil (WTI)    | 29.09   | -1.2  |  |  |
| Oil (Tapis)  | 35.42   | 3.7   |  |  |
| Gold         | 1204.30 | -2.8  |  |  |
| CRB          | 158.87  | -0.9  |  |  |
| GS Metals    | 247.9   | 1.1   |  |  |
| Aluminium    | 1506    | 0.9   |  |  |
| Copper       | 4568    | 1.4   |  |  |
| Nickel       | 8250    | 5.8   |  |  |
| Zinc         | 1681    | -1.3  |  |  |
| Ch. steel    | 1871    | 0.0   |  |  |
| Iron ore     | 46.8    | 1.1   |  |  |
| Coal         | 50.7    | 0.0   |  |  |
| Wheat Chic.  | 469.0   | 1.4   |  |  |
| Sugar        | 13.22   | 0.5   |  |  |
| Cotton       | 59.85   | 1.6   |  |  |
|              |         |       |  |  |

|     |          |          | Inte  | rest Rat | es |                         |      |       |       |  |
|-----|----------|----------|-------|----------|----|-------------------------|------|-------|-------|--|
|     | Indicati | ive Swap | Rates |          | _  | Benchmark 10 Year Bonds |      |       |       |  |
|     | Cash     | 3mth     | 2Yr   | 10Yr     |    |                         | Last | chge  | Sprd  |  |
| USD | 0.50     | 0.62     | 0.78  | 1.63     | =' | USD 10                  | 1.78 | 0.03  |       |  |
| AUD | 2.00     | 2.28     | 2.06  | 2.65     |    | AUD 10                  | 2.52 | 0.01  | 0.74  |  |
| NZD | 2.50     | 2.61     | 2.54  | 3.23     |    | NZD 10                  | 3.05 | -0.01 | 1.27  |  |
| EUR | 0.05     | 0.06     | -0.16 | 0.64     |    | CAD 10                  | 1.16 | 0.03  | -0.62 |  |
| GBP | 0.50     | 0.59     | 0.75  | 1.45     |    | EUR 10                  | 0.27 | 0.03  | -1.51 |  |
| JPY | 0.07     | 0.02     | -0.10 | 0.20     |    | GBP 10                  | 1.44 | 0.01  | -0.34 |  |
| CAD | 0.50     | 1.17     | 0.74  | 1.45     |    | JPY 10                  | 0.03 | -0.06 | -1.75 |  |

| Overnight Futures     |                      |      |  |  |  |  |  |
|-----------------------|----------------------|------|--|--|--|--|--|
|                       |                      |      |  |  |  |  |  |
| Last Chge             |                      |      |  |  |  |  |  |
| Australia             |                      |      |  |  |  |  |  |
| 3 mth bill 97.77 0.01 |                      |      |  |  |  |  |  |
| 3 Yr bond             | 3 Yr bond 98.16 0.01 |      |  |  |  |  |  |
| 10 Yr bond 97.48 0.00 |                      |      |  |  |  |  |  |
| 3/10 sprd             | 0.68                 | 0.01 |  |  |  |  |  |
| SPI                   | 4.0                  | 0.1  |  |  |  |  |  |
|                       |                      |      |  |  |  |  |  |

| CO <sub>2</sub> Emissions - Euros |      |       |  |  |  |  |
|-----------------------------------|------|-------|--|--|--|--|
|                                   | Last | % day |  |  |  |  |
| Jun-2016                          | 4.68 | -2.3  |  |  |  |  |
| Dec-2016                          | 4.70 | -2.3  |  |  |  |  |
| Jun-2017                          | 4.73 | -2.3  |  |  |  |  |
|                                   |      |       |  |  |  |  |

117.0

Coffee

Please note the high/low FX rates are only an indication. Please refer to your National Dealer for confirmation.

Last is around 6:30am Sydney

Source: Bloomberg

<sup>\*</sup> All near futures contracts, except CRB. GS Metals is Goldman Sachs industrial metals index. Metals prices are CME. Emissions: ICE Dec contracts, Euros

 $<sup>{\</sup>rm **} \ {\rm These} \ {\rm are} \ {\rm indicative} \ {\rm ranges} \ {\rm over} \ {\rm the} \ {\rm past} \ {\rm 24} \ {\rm hours}; \ {\rm please} \ {\rm confirm} \ {\rm rates} \ {\rm with} \ {\rm your} \ {\rm NAB} \ {\rm dealer}$ 

# Calendar

| Second   S  | Country   | Economic Indicator  | Period         | Forecast       | Consensus      | Actual | Previous   | GMT   | AEDT  |
|---|-----------|---|----------------|----------------|----------------|--------|------------|-------|-------|
| 15.   The strong term   1.6   Long term   1.6   | ,         |   | . criou        | Torcease       | Consensus      | Actual | 1 1001003  | G.W.  | ALUI  |
| Part     |           |   | Dec            |                |                |        | 31.4       | 21.00 | 8.00  |
| Machine Creter Month   Personal Processing Section   Color Color  | NZ        | Finance Minister English testifies in Parliament on half ye |                | conomy update  |                |        |            | 21.45 | 8.45  |
| 15.   |           |   |                |                | / - 0          |        |            |       |       |
| December   |           |   | Dec            |                | 4.4/-2.8       |        | -14.4/1.2  |       |       |
| 150   No.esimp Start Montal   Jan   1376/2   1389/4   1389   039  |           |   | lan            |                | -3             |        | -4.3       |       |       |
| 150   District promise   1989   198  |           |   |                |                |                |        |            |       | -     |
| 15  |           |   |                |                |                |        |            |       |       |
| 1985   Mariant Production MoM   Jan   9,35   9,04   14.5   13.5   | US        | PPI Final Demand MoM  | Jan            |                | -0.2           |        | -0.2       | 13.30 |       |
| 150   Manufacturing   150   Production   180    |           |   |                |                | 2.25           |        |            |       |       |
| 1.5.   1.5. Feel Relesions in Structure from Jam. 26.27 SCHWS Meeting   1.5. Feel Relesions Structure from St  |           |   |                |                |                |        |            |       |       |
| 15   649   Sulfurd speaks showt US seconomic outlook and more target policy   1971    |           |   |                |                | 0.5            |        | -0.1       |       |       |
|   |           |   |                | у              |                |        |            |       |       |
| No.   Part   P  | Thursday, | , 18 February 2016  |                |                |                |        |            |       |       |
| Mathematics     |           |   |                |                |                |        |            |       |       |
| NE   NE   NE   NE   NE   NE   NE   NE   |           |   |                |                | 62.1           |        |            |       |       |
| Au  |           |   |                |                | 02.1           |        |            |       |       |
| No.   Description Residence   Section   Sect  |           |   |                | 22             | 13             |        |            |       |       |
| AU  |           |   |                |                |                |        |            |       |       |
| CH (PH YOY  | AU        | RBA FX Transactions Market                                  |                |                |                |        |            | 0.30  | 11.30 |
| Ph Y O  |           |   | la.a           |                | 4.0            |        | 4.6        |       |       |
| Name  |           |   |                |                |                |        |            |       |       |
| BBA's Edey Spieask to Sydney Investor Forum ("The current risk environment")  |           |   | Jan            |                | -D-4           |        | -⊃∙3       |       |       |
| Bot's Curiffic speaks on a panel in Brussets  |           |   | it risk enviro | nment")        |                |        |            |       |       |
| EC & SACOUNT of the monetary polity meeting   | UK        | BoE's Cunliffe speaks on a panel in Brussels                |                | ,              |                |        |            |       |       |
| CA Wholesale Trade Sales MoM Dec  |           |   | Dec            |                |                |        | 26.4       |       |       |
| Second   Philadelphia Fed Business Outlook   Feb   3   3.0   3    |           |   | Doc            |                | 0.3            |        | 1 0        |       |       |
| Initial pobles Claims   Feb 13   275   269   13.30   0.30   0.20   15.00   0.20   15.00   0.20      |           |   |                |                |                |        |            |       |       |
| US   Leading Index  |           |   |                |                |                |        |            |       |       |
| Fefs willtams speaks on outlook   | US        | Leading Index   |                |                |                |        |            |       |       |
| Common Financial Statements   | US        | Fed's Williams speaks on outlook                            |                |                |                |        |            | 20.30 | 7.30  |
| All Industry Activity Index MoM   |           |   | Dee            |                |                |        |            | 24.65 | 9.00  |
| Ne  |           |   |                |                | -O 2           |        | -1         |       |       |
| No.   Path   P  |           |   |                |                |                |        |            |       |       |
| EC ECB's Constancio speaks in New York  15 Fedr's Mester to Speaks at Global Interdependence Center  15 CPI MoM/YOY  15 PED MoM YOY  16 PED MOM YOY  16 PED MOM YOY  17 PED MOM YOY  18 PED MOM YOY  19 PED M |           |   |                |                | /              |        |            |       | _     |
| US         CPI Knod Am Energy MoM/YoY         Jan         0.1/1.3         0.1/1.2         13,30         0.30           CA         Retail Sales MoM         Dec         -0.8         1.7         13,30         0.30           CA         CPI NSA MoM         Jan         -0.1         -0.5         13,30         0.30           EC         Consumer Confidence         Feb A         -0.66         -0.8         1.7         13,30         0.30           AU         RSA'S Debelle Speech in Sydney   | EC        |   |                |                |                |        |            |       |       |
| See   Pe   Food and Energy MoM/YoY   Jan   0.2/2.1   3.3   0.3   0.3   0.6  |           |   |                |                |                |        | _ /-       |       |       |
| CA         Retail Sales MoM         Dec         -0.8         1.7         13.30         0.30           CA         CP NSA MoM         Jan         -0.1         -0.5         13.30         0.30           EC         Consumer Confidence         Feb A         -6.6         -6.6         -6.3         15.00         2.00           MOMORAY, 22 February 2016         Teber Device To Control Mode         -8.8         -8.0         9.0         1.00           N         Mission Sindicator         Feb         -9.8         2.0         13.00         13.00           NZ         Credit Card Spending MoM         Jan         -9.8         2.0         13.00           N         Credit Card Spending YoY         Jan         -9.8         2.0         13.00           NI         Nikkei Japan PMI Mig         Feb P         -9.0         52.3         2.00         13.00           GE         Markit/BMC Germany Manufacturing PMI         Feb P         -9.0         55.2         8.30         19.30           GE         Markit/BMC Germany Composite PMI         Feb P         -9.2         54.5         8.30         19.30           GE         Markit/BMC Germany Composite PMI         Feb P         52.3         8.0         19.30 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |           |   |                |                |                |        |            |       |       |
| CA         CP INSA MOM         jan         0.1         0.5         13.0         0.90           CC         Consumer Confidence         Feb A         6.6         0.5         13.0         20.0           Normary 22 February 220  |           |   |                |                |                |        |            |       |       |
| Consumer confidence   Feb     |           |   |                |                |                |        |            |       |       |
| Name     | EC        | Consumer Confidence   |                |                |                |        |            |       |       |
| CH         MNI Business Indicator         Feb   |           |   |                |                |                |        |            |       |       |
| NZ  |           |   | F = L          |                |                |        |            |       |       |
| NZ  |           |   |                |                |                |        | -n ×       |       |       |
| N   |           |   |                |                |                |        |            |       |       |
| N   Supermarket Sales YoY   Sin     |           |   |                |                |                |        |            |       |       |
| GE         Markit Germany Services PMI         Feb P         55         8.30         19.30           GE         Markit BME Germany Composite PMI         Feb P         54.5         8.30         19.30           EC         Markit Eurozone Services PMI         Feb P         52.3         9.00         20.00           EC         Markit Eurozone Composite PMI         Feb P         53.6         9.00         20.00           UK         CBI Trends Total Orders         Feb P  |           | Supermarket Sales YoY                                       |                |                |                |        |            |       |       |
| GE         Markit/BME Germany Composite PMI         Feb P         Feb P         54.5         8.30         19.30           EC         Markit Eurozone Manufacturing PMI         Feb P         52.3         9.00         20.00           EC         Markit Eurozone Services PMI         Feb P         53.6         3.00         20.00           EC         Markit Eurozone Composite PMI         Feb P         53.6         30.0         20.00           US         Chicago Fed Nat Activity Index         Jan         62.2         13.30         0.30           US         Chicago Fed Nat Activity Index         Jan         52.4         14.4         14.5           Tuestary 2016         Feb P         52.4         14.4         1.3         7.00           Tuestary 2017         BAZ Roy Morgan Weekly Consumer Confidence Index         Feb 14.4         11.1         22.30         9.00           GE         GDP MDA YoY         4Q F         13.3         7.00         18.00           GE         ID Business Climate         Feb 14.4         11.1         20.00         20.00           GE         ID C Expectations         Feb 12.2         1         0.94         14.00         10.0           US S&P/CS Colity MoM SA         Dec   |           |   |                |                |                |        |            |       |       |
| EC         Markit Eurozone Manufacturing PMI         Feb P         52.3         9,00         20.00           EC         Markit Eurozone Composite PMI         Feb P         53.6         9,00         20.00           EC         Markit Eurozone Composite PMI         Feb P         15.0         20.00           UK         CBI Trends Total Orders         Feb P         1.0         22.00           UK         CBI Trends Total Orders         Feb P         1.0         22.00           UK         CBI Trends Total Orders         Feb P         1.0         22.00           UK         CBI Trends Total Orders         Feb P         1.0         22.00         20.00           UK         CBI Trends Total Orders         Feb P         1.0         2.0         1.0         2.0           UK         ANZ Roy Morgan Weekly Consumer Confidence Index         Feb 14         1.1         2.0         9.0         18.00           GE         DP SA QuQ         4Q F         1.0         0.3         7.0         18.00           GE         IP DE WDAY AVY         4Q F         1.0         1.0         1.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td></td<>   |           |   |                |                |                |        |            | 0     |       |
| EC         Markit Eurozone Services PMI         Feb P         Feb P P         \$3.6         9.00         20.00           LC         Markit Eurozone Composite PMI         Feb P P         \$3.6         9.00         20.00           UK         CBI Trends Total Orders         Feb P         \$1.00         22.00           US         Ohicago Fed Nat Activity Index         Jan         \$0.20         13.3         0.30           Narkit US Manufacturing PMI         Feb P         \$1.00         \$0.22         13.3         0.30           Narkit US Manufacturing PMI         Feb P         \$1.11         22.30         9.30           Narkit US Manufacturing PMI         Feb P         \$1.11         22.30         9.30           Narkit US Manufacturing PMI         Feb P         \$1.11         22.30         9.30           Narkit US Manufacturing PMI         4Q F         \$1.3         7.00         18.00           OBOP SA Goog         4Q F         \$1.3         7.00         18.00           OE PS AGOR         4Q F         \$1.3         7.00         18.00           OE PS Us Markit Europa Manufacturing PMI         Peb         \$1.00         \$1.00         \$1.00         \$1.00  |           |   |                |                |                |        |            |       |       |
| EC         Markit Eurozone Composite PMI         Feb         Feb         53.6         9.0         20.00           UK         CBI Trends Total Orders         Feb         -15         1.0         22.00           US         Narkit US Manufacturing PMI         Feb P         -2         13.3         0.30           US         Markit US Manufacturing PMI         Feb P   |           |   |                |                |                |        |            |       |       |
| S   | EC        | Markit Eurozone Composite PMI                               | Feb P          |                |                |        | 53.6       | 9.00  | 20.00 |
| US         Markit US Manufacturing PMI         Feb P         52.4         14.45         1.80         9.00         2.00         2.00         2.00         1.80         6.00         1.80         2.00         1.80         6.00         1.80         2.00         1.80         2.00         1.80         2.00         1.80         2.00         1.80         2.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |           |   |                |                |                |        |            |       |       |
| Name  |           |   |                |                |                |        |            |       |       |
| AU   ANZ Roy Morgan Weekly Consumer Confidence Index   Feb 14   111.4   22.30   9.30  |           |   | reu P          |                |                |        | 52.4       | ±4.45 | 1.45  |
| GE         GDP SÁ QQ         4Q F         0.3         7.00         18.00           GE         GDP WDA YOY         4Q F         1.3         7.00         18.00           GE         IFO Business Climate         Feb         107.3         9.00         20.00           GE         IFO Current Assessment         Feb         112.5         9.00         20.00           GE         IFO Expectations         Feb         102.4         9.00         20.00           US         S&P/CS 20 City MOM SA         Dec         1         0.94         14.00         1.00           US         S&P/CS Composite-20 YOY         Dec         1         0.87         14.00         1.00           US         S&P/Case-Shiller US HPI MoM         Dec         97.5         98.1         15.00         1.00           US         S&P/Case-Shiller US HPI YOY         Dec         97.5         98.1         15.00         2.00           US         Richmond Fed Manufact. Index         Feb         2         2         2         2         15.00         2.00           US Existing Home Sales         1         1.0Mar         2.00%         2.00%         2.00%           Existing Home Sales <t< td=""><td></td><td></td><td>Feb 14</td><td></td><td></td><td></td><td>111.4</td><td>22.30</td><td>9.30</td></t<>  |           |   | Feb 14         |                |                |        | 111.4      | 22.30 | 9.30  |
| GE       GDP WDA YOY       4Q F       1.3       7.00       18.00         GE       IFO Business Climate       Feb       107.3       9.00       20.00         GE       IFO Current Assessment       Feb       112.5       9.00       20.00         GE       IFO Expectations       Feb       102.4       9.00       20.00         US       S&P/CS 20 City MOM SA       Dec       1       0.94       14.00       1.00         US       S&P/CS Composite-20 YOY       Dec       5.83       14.00       1.00         US       S&P/Case-Shiller US HPI MoM       Dec       5.83       14.00       1.00         US       S&P/Case-Shiller US HPI YOY       Dec       97.5       98.1       15.00       1.00         US       Richmond Fed Manufact. Index       Feb       97.5       98.1       15.00       2.00         US       Richmond Fed Manufact. Index       Jan       5.5       5.46       15.00       2.00         US       Existing Home Sales       1 -Mar       2.00%       2.00%       2.00%         New Zealand, RBNZ       10-Mar       2.50%       2.50%       2.50%         Europe ECB       10-Mar       -0.0 Mar       -0.0  |           |   |                |                |                |        |            |       |       |
| GE       IFO Current Assessment       Feb       112.5       9.00       20.00         GE       IFO Expectations       Feb       102.4       9.00       20.00         US       S&P/CS 20 City MoM SA       Dec       1       0.94       14.00       1.00         US       S&P/CS 20 Composite-20 YoY       Dec       5.83       14.00       1.00         US       S&P/Case-Shiller US HPI MoM       Dec       0.87       14.00       1.00         US       S&P/Case-Shiller US HPI YoY       Dec       5.35       14.00       1.00         US       Consumer Confidence Index       Feb       97.5       98.1       15.00       2.00         US       Richmond Fed Manufact. Index       Feb       2       2       2       15.00       2.00         US       Existing Home Sales       Jan       5.5       5.46       15.00       2.00         Usertral Bank Interest Rate Announcements         Lustralia, RBA       1.0Mar       2.00%       2.00%       2.50%         Europe ECB       10-Mar       2.50%       2.50%       2.50%         Europe ECB       10-Mar       -0.1% to +0.1%       -0.1% to +0.1%       -0.1% to +0.1%       -0.1% to +0.1%<   | GE        | GDP WDA YoY   | 4Q F           |                |                |        | 1.3        |       |       |
| GE       IFO Expectations       Feb       102.4       9.00       20.00         US       S&P/CS 20 City MoM SA       Dec       1       0.94       14.00       1.00         US       S&P/CS Composite-20 YoY       Dec       5.83       14.00       1.00         US       S&P/Case-Shiller US HPI MoM       Dec       0.87       14.00       1.00         US       S&P/Case-Shiller US HPI YoY       Dec       5.35       14.00       1.00         US       S&P/Case-Shiller US HPI YoY       Dec       5.35       14.00       1.00         US       Richmond Fed Manufact. Index       Feb       97.5       98.1       15.00       2.00         US       Richmond Fed Manufact. Index       Feb       2       2       2       15.00       2.00         US Existing Home Sales       1-Mar       2.00%       2.00  |           |   |                |                |                |        |            | -     |       |
| US       S&P/CS 20 City MoM SA       Dec       1       0.94       14.00       1.00         US       S&P/CS Composite-20 YoY       Dec       5.83       14.00       1.00         US       S&P/Case-Shiller US HPI MoM       Dec       0.87       14.00       1.00         US       S&P/Case-Shiller US HPI YoY       Dec       5.35       14.00       1.00         US       Consumer Confidence Index       Feb       97.5       98.1       15.00       2.00         US       Richmond Fed Manufact. Index       Feb       2       2       2       15.00       2.00         US       Existing Home Sales       Jan       5.5       5.46       15.00       2.00         Upcoming Central Bank Interest Rate Announcements         Last All RBNZ       1-Mar       2.00%       2.50%   |           |   |                |                |                |        |            | -     |       |
| US       \$&P/CS Composite-20 YoY       Dec       5.83       14.00       1.00         US       \$&P/Case-Shiller US HPI MoM       Dec       0.87       14.00       1.00         US       \$&P/Case-Shiller US HPI YoY       Dec       5.35       14.00       1.00         US       Consumer Confidence Index       Feb       97.5       98.1       15.00       2.00         US       Richmond Fed Manufact. Index       Feb       2       2       2       15.00       2.00         US       Existing Home Sales       Jan       5.5       5.46       15.00       2.00         Upcoming Central Bank Interest Rate Announcements         User Rate Announcements   |           |   |                |                | 1              |        |            | -     |       |
| US       S&P/Case-Shiller US HPI MoM       Dec       0.87       14.00       1.00         US       S&P/Case-Shiller US HPI YoY       Dec       5.35       14.00       1.00         US       Consumer Confidence Index       Feb       97.5       98.1       15.00       2.00         US       Richmond Fed Manufact. Index       Feb       2       2       2       15.00       2.00         US       Existing Home Sales       Jan       5.5       5.46       15.00       2.00         Upcoming Central Bank Interest Rate Announcements         Australia, RBA       1-Mar       2.00%       2.00%       2.00%         New Zealand, RBNZ       10-Mar       2.50%       2.50%       2.50%         Europe ECB       10-Mar       0.05%       0.50%       0.50%         Canada, BoC       10-Mar       -0.1% to +0.1%       -0.1% to +0.1%       -0.1% to +0.1%       0.50%         UK BOE       17-Mar       -0.1% to +0.1%       -0.1% to +0.1%       0.25-0.50%       0.25-0.50%   |           |   |                |                | =              |        |            |       |       |
| US         Consumer Confidence Index         Feb         97.5         98.1         15.00         2.00           US         Richmond Fed Manufact. Index         Feb         2         2         15.00         2.00           Use stristing Home Sales         Jan         5.5         5.46         15.00         2.00           Upcoming Central Bank Interest Rate Announcements           Australia, RBA         1-Mar         2.00%         2.00%         2.00%         2.00%         2.50%<   | US        | S&P/Case-Shiller US HPI MoM                                 |                |                |                |        |            |       |       |
| US Richmond Fed Manufact. Index US Existing Home Sales       Feb Jan       2       2       15.00       2.00         Upcoming Central Bank Interest Rate Announcements         Australia, RBA       1-Mar       2.00%       2.00%       2.00%       2.50% <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>  |           |   |                |                |                |        |            |       |       |
| US         Existing Home Sales         Jan         5.5         5.46         15.00         2.00           Upcoming Central Bank Interest Rate Announcements           Australia, RBA         1-Mar         2.00%         2.00%         2.00%         2.00%         2.50%   |           |   |                |                |                |        |            |       |       |
| Upcoming Central Bank Interest Rate Announcements           Australia, RBA         1-Mar         2.00%         2.00%         2.00%           New Zealand, RBNZ         10-Mar         2.50%         2.50%         2.50%           Europe ECB         10-Mar         0.05%         0.05%           Canada, BoC         10-Mar         0.50%         0.50%           Japan, BoJ         15-Mar         -0.1% to +0.1%         -0.1% to +0.1%         -0.1% to +0.1%           UK BOE         17-Mar         0.50%           US Federal Reserve         17-Mar         0.25-0.50%  |           |   |                |                |                |        |            |       |       |
| Australia, RBA     1-Mar     2.00%     2.00%     2.00%       New Zealand, RBNZ     10-Mar     2.50%     2.50%     2.50%       Europe ECB     10-Mar     0.05%       Canada, BoC     10-Mar     0.50%       Japan, BoJ     15-Mar     -0.1% to +0.1%     -0.1% to +0.1%     -0.1% to +0.1%       UK BOE     17-Mar     0.50%       US Federal Reserve     17-Mar     0.25-0.50%  |           |   | all            |                | ٥٠٥            |        | ٠٠٠٠٠      | ٠٠.٠٠ | 2.00  |
| New Zealand, RBNZ     10-Mar     2.50%     2.50%     2.50%       Europe ECB     10-Mar     0.05%       Canada, BoC     10-Mar     0.50%       Japan, BoJ     15-Mar     -0.1% to +0.1%     -0.1% to +0.1%     -0.1% to +0.1%       UK BOE     17-Mar     0.50%       US Federal Reserve     17-Mar     0.25-0.50%   |           | •   | 4 14-11        | 2.000/         | 2.000/         |        | 2.000/     |       |       |
| Europe ECB     10-Mar     0.05%       Canada, BoC     10-Mar     0.50%       Japan, BoJ     15-Mar     -0.1% to +0.1%     -0.1% to +0.1%       UK BOE     17-Mar     0.50%       US Federal Reserve     17-Mar     0.25-0.50%   |           |   |                |                |                |        |            |       |       |
| Canada, BoC     10-Mar     0.50%       Japan, BoJ     15-Mar     -0.1% to +0.1%     -0.1% to +0.1%     -0.1% to +0.1%       UK BOE     17-Mar     0.50%       US Federal Reserve     17-Mar     0.25-0.50%  |           |   |                | 0/0ر.2         | 2.00/0         |        |            |       |       |
| Japan, BoJ     15-Mar     -0.1% to +0.1%     -0.1% to +0.1%     -0.1% to +0.1%       UK BOE     17-Mar     0.50%       US Federal Reserve     17-Mar     0.25-0.50%   |           |   |                |                |                |        |            |       |       |
| US Federal Reserve 17-Mar 0.25-0.50%  |           | J   | 15-Mar         | -0.1% to +0.1% | -0.1% to +0.1% |        |            |       |       |
| = <b>/</b> ······   |           | N. Porovio  |                |                |                |        |            |       |       |
| UMI: Greenwich Mean Time; AEDI: Australian Eastern Daylight Saving Time   |           |   |                |                |                |        | 0.25-0.50% |       |       |
|   | GWII: Gre | enwich mean Time; AEDT: Australian Eastern Daylight Sa      | ving rime      |                |                |        |            |       |       |

NAB Markets Research | 3

# **Contact Details**

#### **Authors**

David de Garis Senior Economist +61 3 8641 3045 david.degaris@nab.com.au

Ray Attrill Global Co-Head of FX Strategy +61 2 9237 1848 ray.attrill@nab.com.au

Rodrigo Catril Currency Strategist +61 2 9293 7109 rodrigo.h.catril@nab.com.au

#### **Markets Research**

Peter Jolly Global Head of Research +61 2 9237 1406 peter.jolly@nab.com.au

### **Group Economics**

Alan Oster Chief Economist +61 3 8634 2927 alan\_oster@national.com.au

## **Important Notice**

This document has been prepared by National Australia Bank Limited ABN 12 004 044 937 AFSL 230686 ("NAB"). Any advice contained in this document has been prepared without taking into account your objectives, financial situation or needs. Before acting on any advice in this document, NAB recommends that you consider whether the advice is appropriate for your circumstances. NAB recommends that you obtain and consider the relevant Product Disclosure Statement or other disclosure document, before making any decision about a product including whether to acquire or to continue to hold it.

Please click here to view our disclaimer and terms of use.