

Commodity Market Monthly

Research Department, Commodities Unit



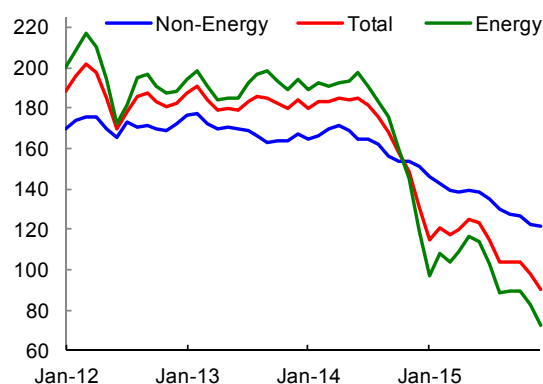
January 15, 2016

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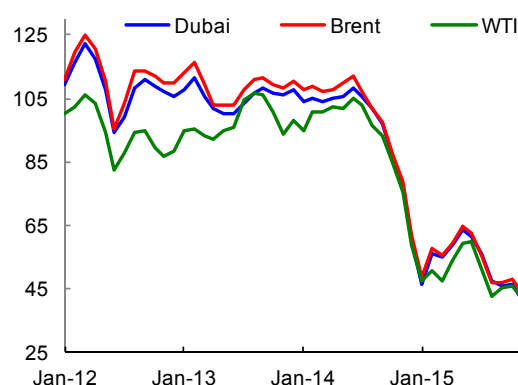
Commodity prices fell 7.1 percent in December, extending losses to seven months, led by a sharp decline in oil prices. Non-fuel prices fell 0.2 percent, and in part reflect appreciation of the U.S. dollar. During 2015 (Dec'14-Dec'15), commodity prices fell 30.7 percent with energy dropping 39.3 percent and non fuel prices falling 19.1 percent. Among the latter: nickel (-45 percent), iron ore (-42 percent), and tea (+41 percent).

IMF Commodity Price Indices
(2005 = 100)



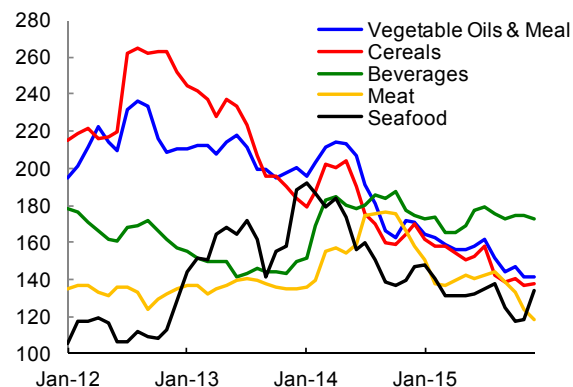
Crude oil prices dropped sharply by 15.2 percent in December, averaging \$36.6/bbl, despite geopolitical tensions in the Middle East. Sustained oil production growth in OPEC members, subdued aggregate demand growth and the lift of U.S. export ban weighted in oil prices. In addition, risk off atmosphere in financial markets pressured oil prices as it can further reduce oil demand if world growth falters.

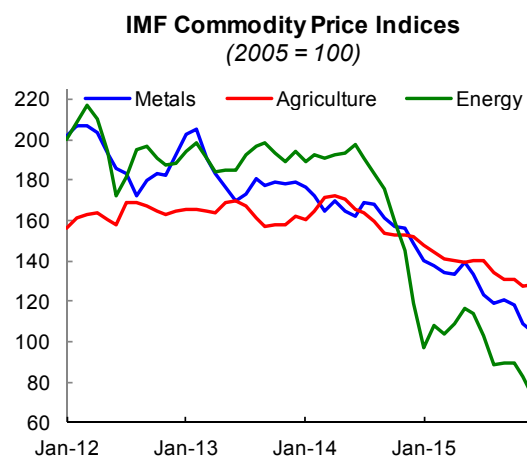
Crude Oil Prices
(\$/barrel)



Natural gas price in the U.S. decreased by 7.4 percent in December, averaging \$1.92/mmbtu, on warmer than normal temperatures and persisting storage glut. **Coal prices (Australia) decreased by 0.5 percent** in December, reversing gains from the previous month, and ending the year with a loss of 16 percent.

IMF Commodity Price Indices
(2005 = 100)





Agriculture prices increased 1.0 percent in December, up for the first time in five months. Food prices rose 1.6 percent, beverages prices declined 1 percent and agricultural raw material prices remained broadly unchanged. Soybean prices increased 1 percent amid deteriorating production prospects from Brazil and strong demand. Wheat prices increased 4 percent, reversing losses from the previous month, on relatively weaker supply. Seafood prices as a whole rose 13 percent, led by a sharp increase in salmon prices due to rising seasonal demand. Partly offsetting these increases, corn prices declined 1 percent owing to abundant supplies. Rice prices slightly decreased due to marginal higher production estimates, especially from Asia. Overall meat prices fell 4 percent; a marginal increase in lamb prices was offset by declines in beef, swine and poultry. Coffee robusta prices dropped 3 percent on ample supply from Vietnam. During 2015 (Dec'14-Dec'15), agriculture prices fell 15.0 percent with food dropping 16.3 percent, agricultural raw material falling 16.2 percent and beverages prices declining 1.1 percent.

Metals prices decreased by 3.7 percent in December, down a third consecutive month. During 2015 the metals index fell about 30 percent on slowing demand growth in China, and ample supplies generally. The declines were

concentrated in iron ore and nickel, which registered more than 40 percent fall; aluminum, copper, tin, and zinc also fell by more than 20 percent during last year. In December, the largest decline was for iron ore, down 14 percent to record low since May 2009, and then sank for a second session in early January, due to increasing supply from Australia and Brazil. Nickel prices continued to drop by 6 percent to its lowest mark in more than 12 years due to slumping demand. Copper and zinc also fell by more than 3 percent and hit fresh lows in six years, in line with shrinking Chinese demand and over supply. Aluminum bounced up by 2 percent in December, but is still under downward pressure from the supply glut.

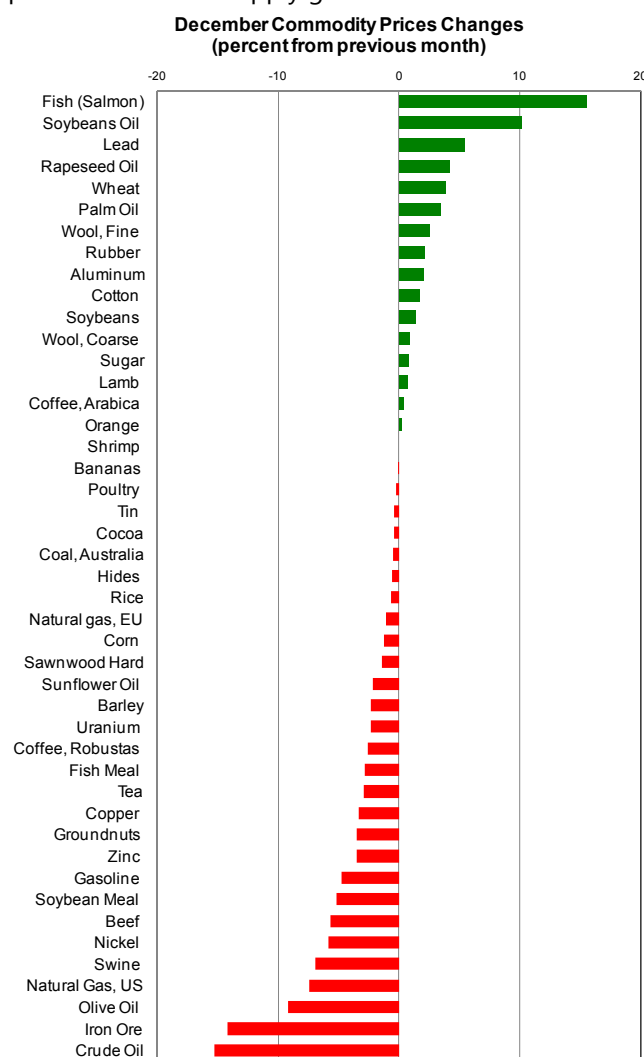


Table 1. Market Prices for Non-Fuel and Fuel Commodities

	Units	2013	2014	2015	2015Q1	2015Q2	2015Q3	2015Q4	Nov-15	Dec-15
Food										
Cereals										
Wheat	\$/MT	265.8	242.5	185.6	205.0	196.3	178.8	162.3	157.7	163.8
Maize	\$/MT	259.0	192.9	169.8	174.2	168.4	169.4	167.1	166.0	164.0
Rice	\$/MT	518.8	426.5	380.2	406.6	381.8	374.0	358.3	358.4	356.0
Barley	\$/MT	206.4	146.1	127.9	132.2	128.1	127.9	123.2	124.5	121.6
Vegetable oils and protein meals										
Soybeans	\$/MT	517.2	457.8	347.4	363.9	354.6	347.6	323.3	319.1	323.3
Soybean meal	\$/MT	477.3	467.0	352.7	372.7	348.0	369.3	320.8	320.3	303.9
Soybean oil	\$/MT	1011.1	812.7	672.2	696.4	715.4	638.3	638.6	614.7	677.2
Palm oil	\$/MT	764.2	739.4	565.1	627.9	599.9	514.6	518.0	503.2	520.6
Fish meal	\$/MT	1710.5	1921.5	1759.2	2031.9	1744.2	1558.9	1701.9	1753.7	1704.5
Sunflower Oil	\$/MT	1341.1	1080.3	1022.2	974.0	1062.3	1010.4	1042.1	1045.0	1022.1
Olive oil	\$/MT	3816.7	3911.8	4927.1	4568.3	4865.3	5616.4	4658.4	4613.7	4190.4
Groundnuts	\$/MT	2314.5	2148.3	1946.2	2016.8	2023.4	2012.9	1731.8	1716.7	1656.9
Rapeseed oil	\$/MT	1081.2	904.4	774.6	755.1	772.6	772.7	798.2	778.4	811.0
Meat										
Beef	cts/lb	183.6	224.1	200.5	216.6	202.9	206.3	176.2	177.1	167.1
Lamb	cts/lb	106.7	130.6	107.9	122.5	112.4	101.3	95.3	94.9	95.5
Swine Meat	cts/lb	86.5	102.8	67.9	65.5	71.9	73.8	60.5	57.0	53.1
Poultry	cts/lb	103.8	110.1	114.7	114.0	115.6	115.5	113.6	113.4	113.1
Seafood										
Fish	\$/kg	6.8	6.6	5.3	5.6	5.1	5.3	5.3	5.0	5.8
Shrimp	\$/kg	14.0	16.6	14.1	15.7	15.7	15.0	10.0	10.1	10.1
Sugar										
Free market	cts/lb	17.7	17.1	13.2	14.1	12.6	11.6	14.7	14.9	15.0
United States	cts/lb	21.2	24.9	24.9	24.8	24.6	24.5	25.5	25.6	25.8
EU	cts/lb	26.0	27.4	25.4	25.2	25.5	25.8	25.3	25.3	25.0
Bananas	\$/MT	926.4	931.9	958.7	974.8	978.4	948.9	932.7	932.3	932.3
Oranges	\$/MT	967.3	782.5	675.1	698.5	616.9	652.1	733.1	768.5	770.0
Beverages										
Coffee										
Other milds	cts/lb	141.1	202.8	160.5	177.0	161.0	153.2	150.8	148.9	149.5
Robusta	cts/lb	100.5	105.6	94.2	101.4	96.7	90.9	87.9	88.6	86.3
Cocoa Beans	\$/MT	2439.1	3062.8	3135.2	2918.5	3068.1	3252.8	3301.5	3360.8	3346.2
Tea	cts/kg	266.0	237.9	340.4	291.2	320.1	387.2	363.0	353.8	343.5
Agricultural raw materials										
Timber										
Hardwood										
Logs 1/	\$/M3	305.4	282.0	246.0	249.9	245.4	243.6	245.2	242.9	244.6
Sawnwood 1/	\$/M3	852.8	897.9	833.2	826.2	834.8	844.9	827.1	828.6	816.8
Softwood										
Logs 1/	\$/M3	164.5	174.3	162.0	169.8	159.1	159.8	159.4	159.4	159.4
Sawnwood 1/	\$/M3	301.4	307.3	311.0	306.8	298.0	310.4	329.0	329.0	329.0
Cotton	cts/lb	90.4	83.1	70.4	68.8	72.3	71.0	69.5	69.2	70.4
Wool										
Fine	cts/kg	1197.7	1074.4	1005.8	947.8	1079.7	999.7	995.8	1003.1	1028.3
Coarse	cts/kg	1128.1	1030.4	922.8	887.7	962.7	942.0	898.9	902.0	909.9
Rubber	cts/lb	126.8	88.8	70.7	78.6	81.2	66.1	57.0	55.4	56.6
Hides	cts/lb	94.7	110.2	87.6	105.8	96.8	76.1	71.7	70.4	70.0

1/ Provisional.

2/ Average Petroleum Spot Price (APSP). Average of U.K. Brent, Dubai, and West Texas Intermediate, equally weighted.

Table 1. Market Prices for Non-Fuel and Fuel Commodities (Continued)

	Units	2013	2014	2015	2015Q1	2015Q2	2015Q3	2015Q4	Nov-15	Dec-15
Metals										
Copper	\$/MT	7331.5	6863.4	5510.5	5833.2	6056.6	5267.1	4884.9	4799.9	4638.8
Aluminum	\$/MT	1846.7	1867.4	1664.7	1802.1	1770.3	1592.4	1493.9	1467.9	1497.2
Iron Ore	\$/MT	135.4	96.8	55.2	62.3	57.9	54.4	46.2	46.2	39.6
Tin	\$/MT	22281.6	21898.9	16066.6	18370.0	15589.8	15229.5	15077.2	14745.3	14691.7
Nickel	\$/MT	15030.0	16893.4	11862.6	14392.8	13055.8	10578.9	9423.0	9244.3	8707.8
Zinc	\$/MT	1910.2	2161.0	1931.7	2079.8	2192.2	1842.8	1611.8	1583.3	1527.8
Lead	\$/MT	2139.7	2095.5	1787.8	1810.4	1942.2	1717.0	1681.7	1618.3	1706.6
Uranium	\$/lb	38.6	33.5	36.8	37.9	36.8	36.4	36.0	35.9	35.1
Energy										
Spot Crude 2/	\$/bbl	104.1	96.2	50.8	51.7	60.4	48.8	42.2	43.1	36.6
U.K. Brent	\$/bbl	108.8	98.9	52.4	54.0	62.1	50.0	43.4	44.4	37.7
Dubai	\$/bbl	105.4	96.7	51.2	52.5	61.4	49.9	41.2	42.3	34.7
West Texas Intermediate	\$/bbl	97.9	93.1	48.7	48.7	57.8	46.5	42.0	42.7	37.2
Natural Gas										
Russian in Germany	\$/mmbtu	11.2	10.5	7.3	9.4	7.4	6.6	5.9	5.9	5.8
Indonesian in Japan (LNG)	\$/mmbtu	17.3	17.0	10.9	14.4	9.6	9.8	9.8	9.5	9.5
US, domestic market	\$/mmbtu	3.7	4.4	2.6	2.9	2.7	2.7	2.1	2.1	1.9
Coal										
Australian, export markets	\$/MT	90.6	75.1	61.6	65.6	63.2	61.6	56.1	56.3	56.0

1/ Provisional.

2/ Average Petroleum Spot Price (APSP). Average of U.K. Brent, Dubai, and West Texas Intermediate, equally weighted.

Table 2. Indices of Market Prices for Non-Fuel and Fuel Commodities, 2012-2015

(2005=100, in terms of U.S. dollars) 1/

	(weights) 1/	2013	2014	2015	2015Q1	2015Q2	2015Q3	2015Q4	Nov-15	Dec-15
All Primary Commodities 2/	100.0	183.3	171.8	111.2	117.6	122.4	107.5	97.2	97.6	90.7
Non-Fuel Commodities	36.9	169.0	162.3	133.9	142.4	138.6	131.1	123.7	122.2	121.9
Agriculture	26.2	163.3	161.5	137.1	144.4	139.9	135.2	129.0	127.5	128.8
Food	16.7	177.5	170.2	141.1	148.4	143.0	140.5	132.2	130.4	132.4
Cereals	3.6	218.2	180.2	149.0	159.1	152.5	146.1	138.2	136.4	137.6
Vegetable oils and protein meals	4.4	206.4	190.7	153.6	161.9	156.9	152.4	143.3	141.6	141.6
Meat	3.7	136.8	160.5	137.4	142.1	140.5	141.9	125.2	123.9	118.8
Seafood	3.2	160.1	162.0	131.7	139.8	131.6	132.5	123.1	118.3	133.6
Beverages	1.8	147.4	178.0	172.6	170.4	170.4	175.9	173.7	174.2	172.5
Agricultural raw materials 3/	7.7	136.2	138.8	120.2	129.6	125.9	114.0	111.3	110.4	110.5
Timber	3.4	107.3	109.3	104.8	104.6	102.6	104.9	107.3	107.2	106.9
Metals	10.7	182.9	164.1	126.2	137.4	135.5	121.0	110.7	109.1	105.1
Edibles 4/	18.5	174.6	171.0	144.1	150.6	145.7	144.0	136.3	134.7	136.4
Industrial Inputs 5/	18.4	163.3	153.5	123.7	134.1	131.5	118.1	111.0	109.7	107.3
Energy 6/	63.1	191.7	177.4	97.9	103.1	113.0	93.7	81.8	83.1	72.4
Petroleum 7/	53.6	195.9	181.1	95.6	97.4	113.7	91.9	79.3	81.1	68.6
Natural Gas	6.9	164.9	159.9	106.7	136.9	102.4	97.5	89.9	88.5	87.5
Coal	2.6	176.8	149.1	121.3	129.7	125.4	120.1	110.2	111.3	109.7

1/ Weights based on 2002-2004 average world export earnings.

2/ Non-Fuel Primary Commodities and Energy Index.

3/ Includes Forestry Products.

4/ Edibles comprised of Food and Beverages

5/ Industrial (Non-Fuel) Inputs comprised of Agriculture and Metals

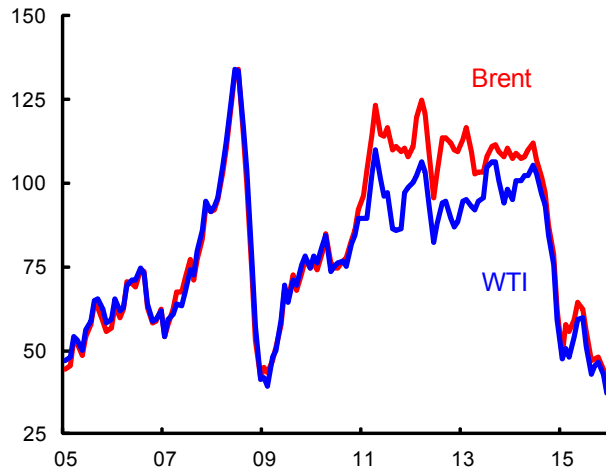
6/ Includes Petroleum, Natural Gas and Coal

7/ Average Petroleum Spot Price (APSP). Average of U.K. Brent, Dubai, and West Texas Intermediate, equally weighted.

Commodity Prices Movements

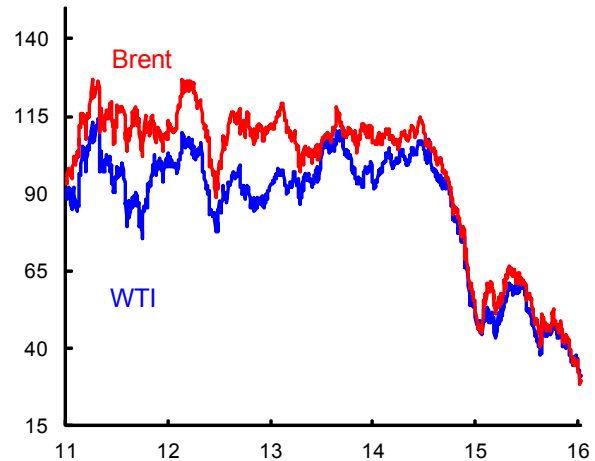
Monthly (from 2005)

Crude oil (\$/bbl)

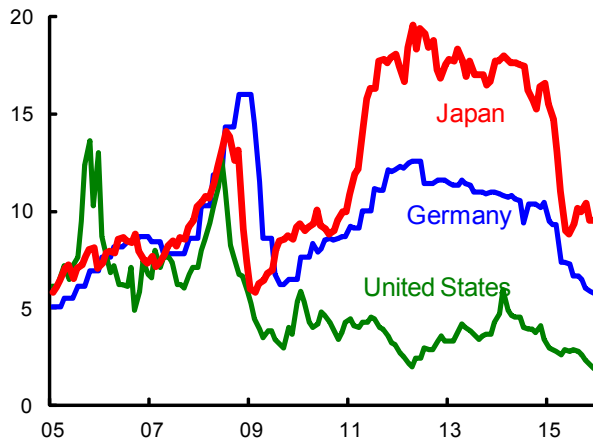


Daily (from 2011)

Crude oil (\$/bbl)

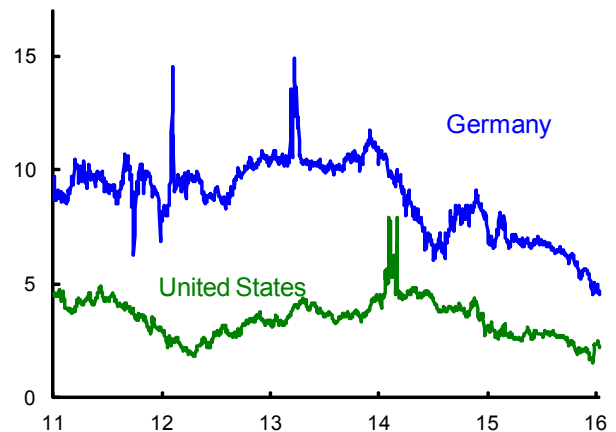


Natural Gas (\$/mmbtu)



Sources: Energy Intelligence; Bloomberg, L.P.

Natural Gas (\$/mmbtu)



Source: Bloomberg, L.P.

Iron Ore (\$/ton)



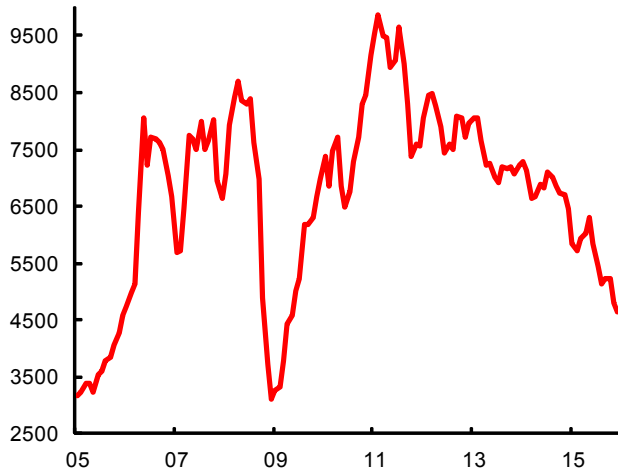
Iron Ore (\$/ton)



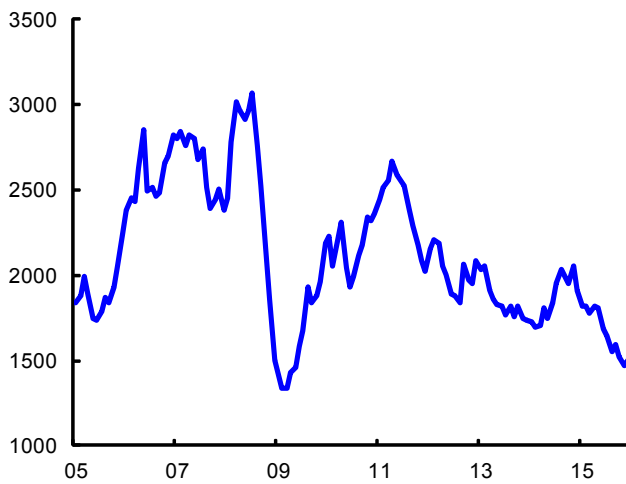
Commodity Prices Movements (Continued)

Monthly (from 2005)

Copper (\$/ton)



Aluminium (\$/ton)



Nickel (\$/ton)

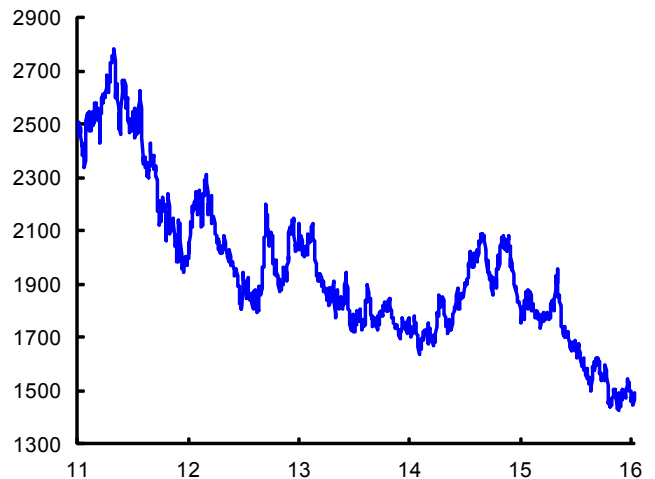


Daily (from 2011)

Copper (\$/ton)



Aluminium (\$/ton)



Nickel (\$/ton)



Commodity Prices Movements (Continued)

Monthly (from 2005)

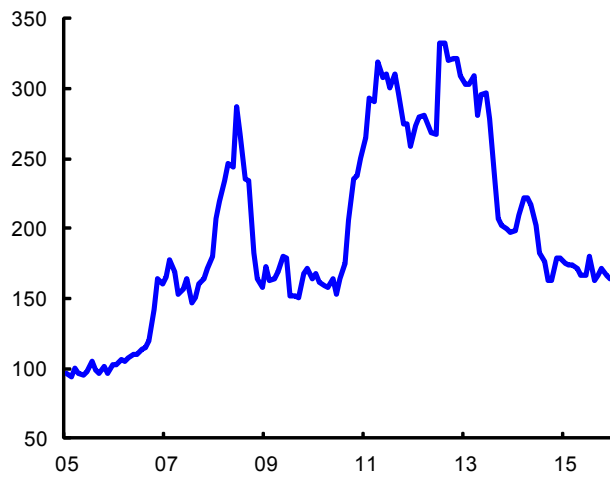
Tin (\$/ton)



Wheat (\$/ton)

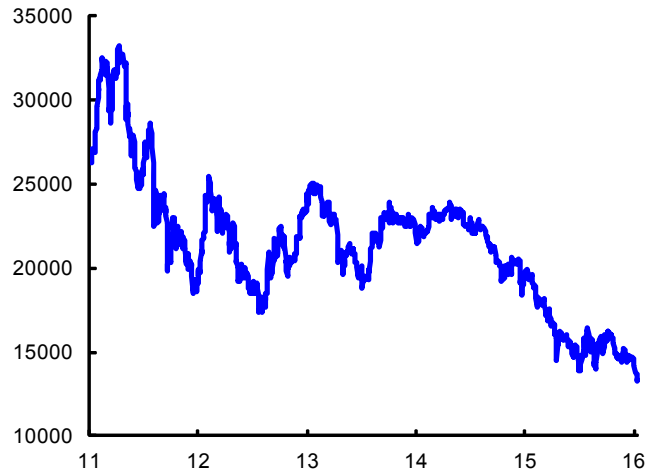


Corn (\$/ton)



Daily (from 2011)

Tin (\$/ton)



Wheat (\$/ton)



Corn (\$/ton)



Commodity Prices Movements (Continued)

Monthly (from 2005)

Cocoa (\$/ton)



Daily (from 2011)

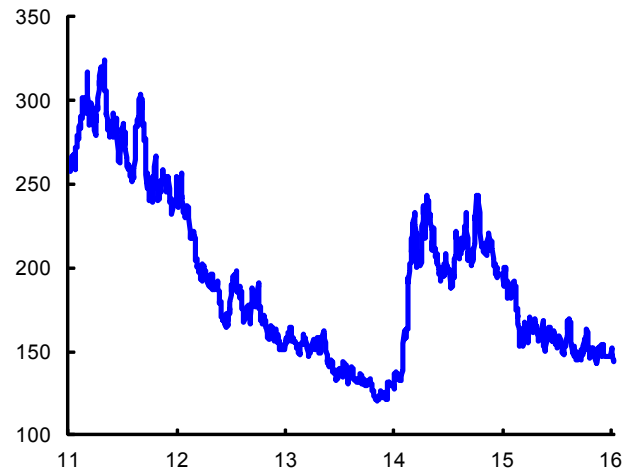
Cocoa (\$/ton)



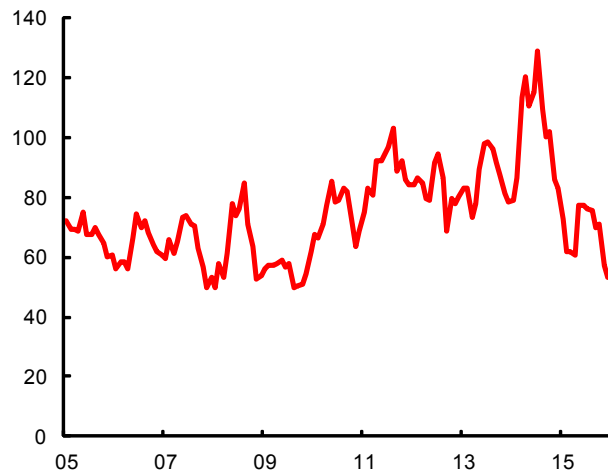
Coffee (cents/lb)



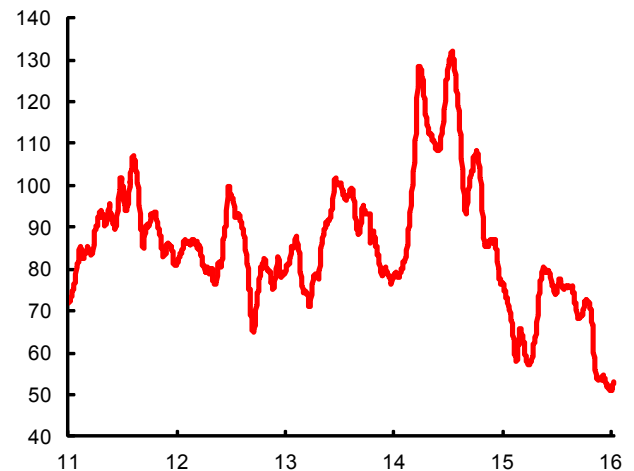
Coffee (cents/lb)



Swine (cents/lb)



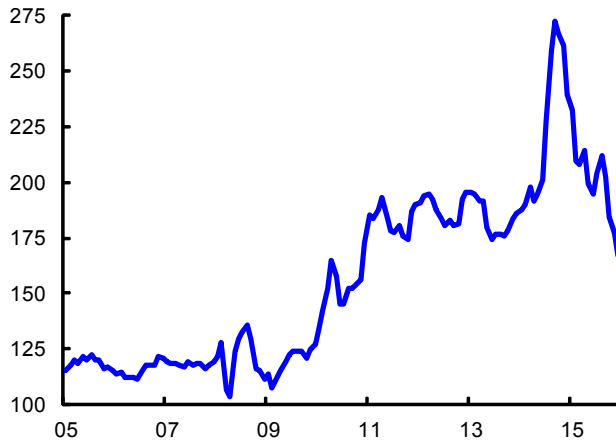
Swine (cents/lb)



Commodity Prices Movements (Continued)

Monthly (from 2005)

Beef (cents/pound)



Source: Meat & Livestock Australia.

Daily (from 2011)

Beef (cents/lb)



Source: Bloomberg, L.P.

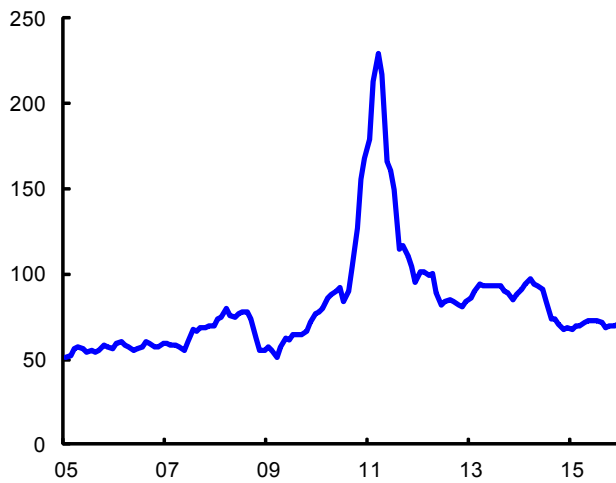
Soybeans (\$/ton)



Soybeans (\$/ton)



Cotton (cents/pound)



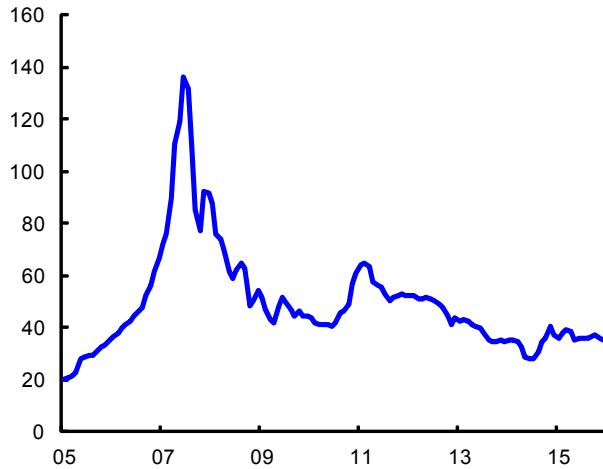
Cotton (cents/lb)



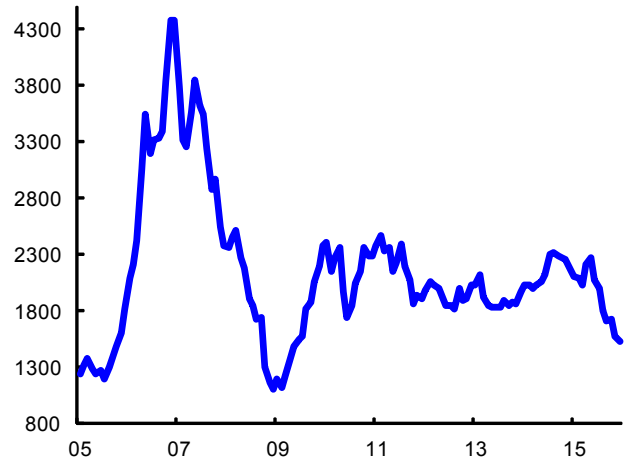
Commodity Prices Movements (Continued)

Monthly (from 2005)

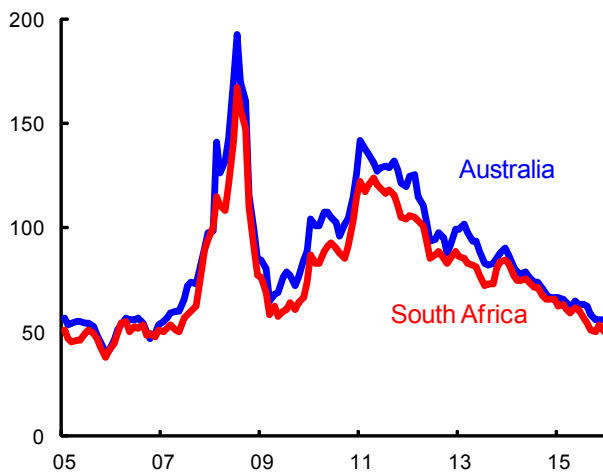
Uranium(\$/lb)



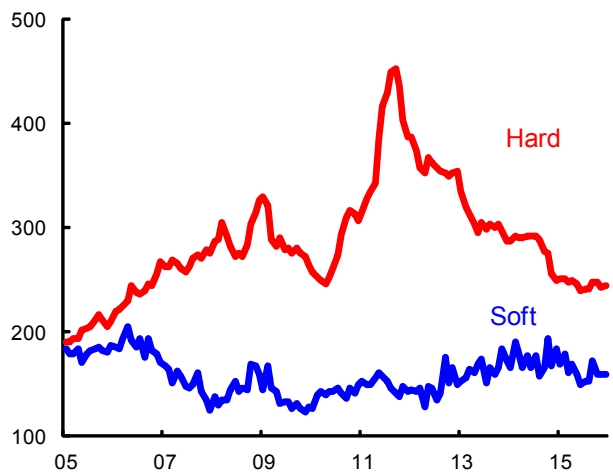
Zinc (\$/ton)



Coal (\$/ton)



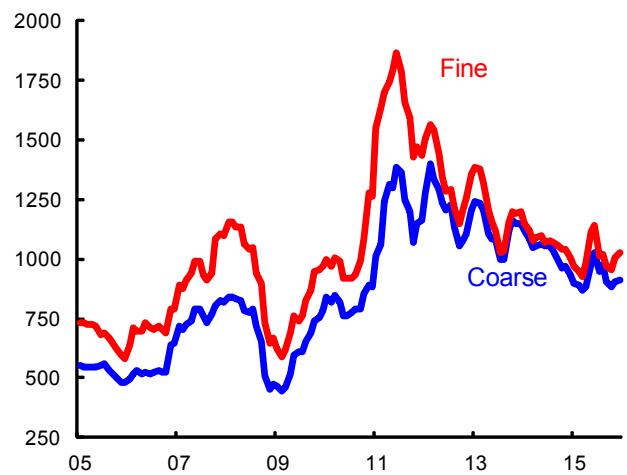
Logs (\$/cubic meter)



Rubber (\$/lb)

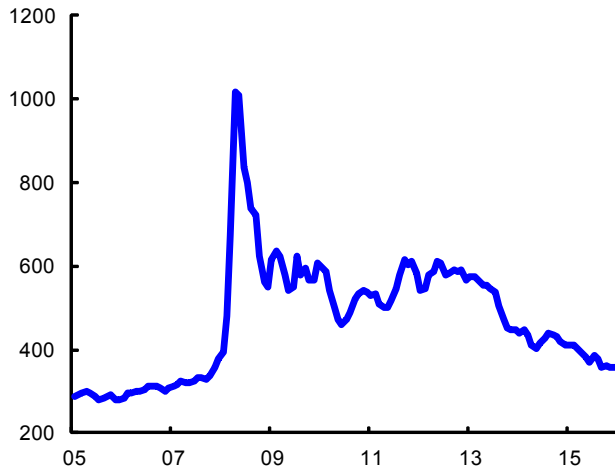


Wool (cents/kg)

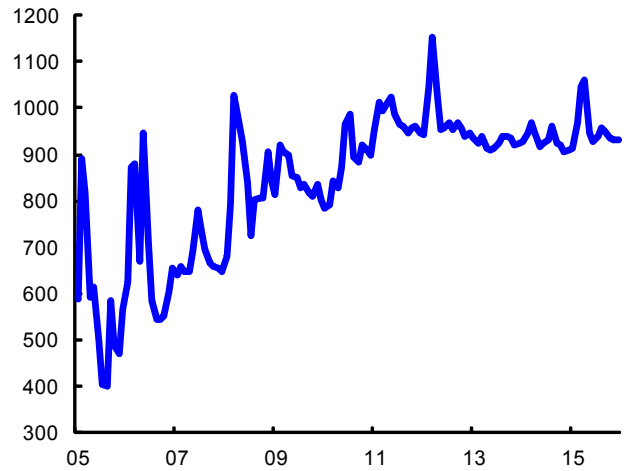


Commodity Prices Movements (Continued)
Monthly (from 2005)

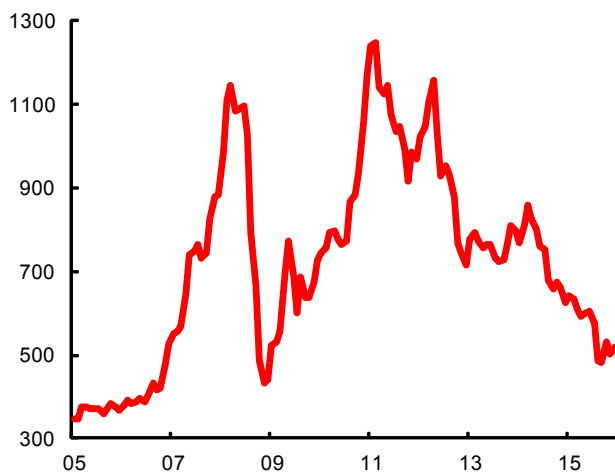
Rice (\$/ton)



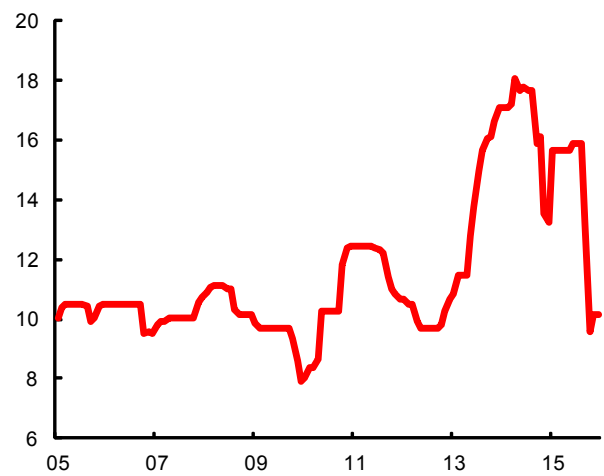
Bananas (\$/ton)



Palm Oil (\$/ton)



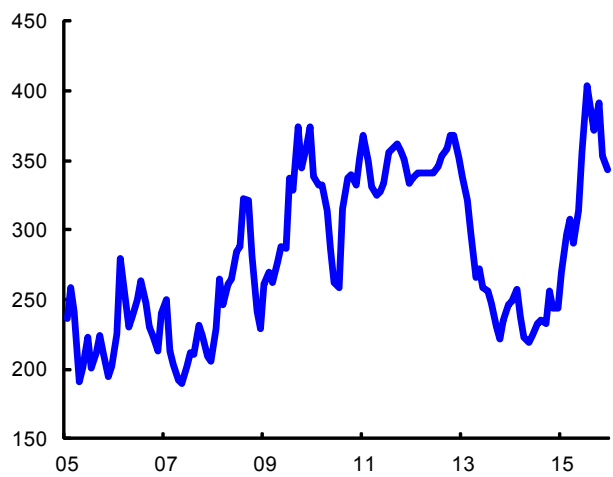
Shrimp (\$/kg)



Sugar (cents/pound)



Tea (cents/kg)



Commodity Prices Movements (Continued)

Daily (from 2011)

Gold (\$/troy ounce)



Silver (\$/troy ounce)



Platinum (\$/ounce)



Palladium (\$/ounce)

