

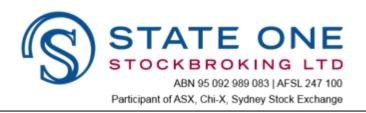
Participant of ASX, Chi-X, Sydney Stock Exchange

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Daily Resources Overview

Commodity Price US Nich IM Nich IT Nic				all y	1101	Jour	OCS OVERVIEW
Precision Metals COMEN; 125-65 0.0 0.2 0.1 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0							Monday 18 December 2017
Self USSide 155.65 0.0 0.2 0.5 0.0 1.0 Plantum (USSide) 0.07 0.0 0.5 0.0 1.0 Plantum (USSide) 0.05 0.0 1.0 Plantum (USSide) 0.05 0.0 1.0 Plantum (USSide) 0.05 0.0 1.7 17.7 0.03 Plantum (USSide) 0.05 0.0 1.0 Plantum (USSide) 0.05 0.0 1.0 Plantum (USSide) 0.05 0.0 1.0 Plantum (USSide) 0.05 0.0 0.0 0.0 0.0 Plantum (USSide) 0.0 0.0 0.0 0.0 0.0 Plantum (USSide) 0.0 Plantum (USSide) 0.0 0.0 Plantum (USSide)			1D %ch	1M %ch	1Y %ch	YTD %ch	
Silver (USSRo) 84 0 0 0 3.9 0.3 1.0 Industrial Materia (MR) 865 0 1.4 1.8 10.9 2.4 1.0 Industrial Materia (MR) 865 0 1.4 1.8 10.9 2.4 1.0 Industrial Materia (MR) 865 0 1.4 1.8 10.9 2.4 1.0 Industrial Materia (MR) 1950 0 1.5 1.7 1.0 2.3 Industrial Materia (MR) 1950 0 1.5 1.0 0.0 1.5 1.0 0.0 1.0 1.0 1.0 0.0 1.0 1.0 1.0 0.0 1.0 1	, ,		0.0	-22	11.3	9.5	US\$/MMEtu
Planner (155/eq) 69.5 (0) 0.0 3.9 0.0 1.5 (158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0 158 0							1,450 Brent orude (LH8)
Machania M							1300
Copper (USSN)	1	_					85
Aluminum (USsh) 2006.00 0.8 1-77 177 203 124 104 124 105 125 125 125 125 125 125 125 125 125 12				1.8			
Zero (USSN)							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
## Check (USSN)							1100
No.ce U.SSh)							- 14
Note							1,000
Figure Color Col		11522.00	3.8	-1.0	2.4	15.0	Dec-15 Apr-16 Aug-16 Dec-16 Apr-17 Aug-17 25
Color (USSh) 28.1		71.40	2.2	15.0	-72	-5.1	Dec-15 Apr-16 Aug-16 Dec-16 Apr-17 Aug-17
Thermatic Coal (USSH) 06.78							
Energy Diese (USShba) e3							
Beer Chale (USSible) 63							
Natural Cas (USSMMRsh) 233 2-4 -16.6 -23.8 -38.4	•••	63	-0.1	2.4	11.9	7.9	
Upanium (USsible) 24 60 0.0 2.1 11.0 20.3 Softs Wheat (USsible) 41 0.0 4.5 11.0 12.5 Sogr (USsible) 14 0.8 0.5 4.5 4.5 20.5 Com (USsible) 48 0.0 1-10 -12.0 10.7 Com (USsible) 67 0.8 10.3 5.9 7.5 Cotton (USsible) 76 0.8 10.3 5.9 7.5 Cotton	Natural Gas (US\$/MMBtu)	2.63	-2.4	-16.6	-23.6	-28.4	LME stooks LME stooks
Softs Wheat (Esdbu)	Uranium (US\$/lb)	24.60	0.0	2.1	11.6	20.3	330,000 2,100
Wheat (Lischbu) 418							2.500,000
Com USafter September							TO A LANGUE AND A LONG TO THE AND A LONG TO THE ADDRESS OF THE ADD
Com							- 230,000 1,700 - 1,500,000
Cotton (USAb) 76 0.8 10.3 5.9 7.5 Other Crotton (USAb) 76 0.8 10.3 5.9 7.5 CRE Cornoty Index 430 0.2 0.2 1.0 1.7 Global resource share price movement Company Name Sector 10 Mich 1M Mich 17 Mich 17 Mich 17 Mich 18 10.0 Goldcorp Gold 0.1 -1.5 -1.2 Goldcorp Gold 0.4 7.8 -1.3 -0.0 Angle Platinum Platinum 2.1 -1.03 33.3 30.7 Angle Platinum Platinum 2.1 -1.03 33.3 30.7 Angle Platinum Platinum 2.1 -1.03 33.3 30.7 Rio Tino PLC Deversified 1.5 -1.7 24.4 21.6 Rio Tino PLC Deversified 1.5 2.0 37.4 33.0 Rio Tino PLC Deversified 1.5 2.0 37.4 33.0 Rio Tino PLC Deversified 1.5 2.0 37.4 33.0 Vale Into One 1.8 12.1 32.9 43.7 Critical Into One 1.8 12.1 32.9 43.7 Antidagasta Copper 1.7 2.2 38.9 37.9 Altona Aluminum 0.6 1.8 44.9 51.7 Alcoa Aluminum 0.6 1.8 44.9 51.7 Tino Into Into One In							Ism. Van Na
Other CRB Comdly Index 430 0.2 0.2 1.0 1.7 Global resource share price movement Company Name Sector 10 Neh 1 M Noh 17 Noh 17 Noh 17 Noh 17 Noh 18 No	• • •						M. Call and a second a second and a second a
Corporary Name Sector 10 Noch 1M Noch 17 Noch 17 Noch 17 Noch 1 Noch 17 Noch 1	, ,	70	0.0	10.3	0.8	1.0	4,000 1,300 1,300 1,300 1,300 500,000
Select		430	0.2	0.2	10	17	A A A A A A A
Company Name	•			J.2	7.0	1.7	
Barrick Gold Gold -0.8 -0.1 -1.5 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2 -1.2				1M %ah	1V %	YTD %ah	
Neumont Gold							To make
Coldoop Gold -0.4 -7.8 -1.3 -9.0 Anglo Platinum Platinum 2.1 -10.3 33.3 30.7 Anglo American Diversified 1.5 -1.7 24.4 21.8 BHP Bitton PLC Diversified 2.3 2.2 10.8 10.6 BHP Bitton PLC Diversified 2.7 11.1 14.0 15.7 Teck Resources Diversified 2.7 11.1 14.0 15.7 Selencore Diversified 2.7 2.4 23.4 17.1 Vale Iron Ore 1.8 12.1 32.9 43.7 Fortescue Iron Ore 1.8 2.2 2.2 48.3 54.0 Freeport McMcRan Copper 4.9 22.5 22.8 23.7 Antologasta Copper 1.7 2.2 38.9 37.9 Antologasta Aluminum 0.0 -1.8 44.9 51.7 Alcoa Aluminum 0.0 -5.8 57.0 57.5 Boldien Zinc 0.6 -3.1 7.3 13.5 Boldien Zinc 0.6 -3.1 7.5 Boldien Zinc 0.6 -3.1 7							24 000
Anglo Platinum Platinum 2.1 -10.3 3.3.3 30.7							(RHS) (tonnec)
Anglo American Diversified BHP Billton PLC Diversified 1.8 2.2 17.2 14.8 17.1 14.0 15.7 Teck Resources Diversified 1.5 2.6 3.7 3.0 Vale Iron One 1.8 12.1 3.2 43.7 Fortescue Iron One 1.8 1.8 1.8 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0							21,000
Bi-P Billton PLC	•						7,000 400,000
No limb PLC		Diversified	2.3	2.2	10.8	10.6	18,000
Selentore Diversified 1.5 2.6 37.4 33.0 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200 1200							9,000 -
Vale Iron Ore 1.8 12.1 32.9 43.7 Fortescue Iron Ore 2.1 32 2-22.9 -17.5 South32 Diversified 1.2 -2.4 23.4 17.1 China Shenhua Coal -1.2 0.2 48.3 56.0 Freeport McMcRan Copper 4.9 22.5 22.8 28.7 Antofagasta Copper 1.7 -2.2 38.9 37.9 Alcoa Aluminium 0.6 -1.8 44.9 51.7 ChinaCo Aluminium 0.6 -1.8 44.9 51.7 ChinaCo Aluminium 0.6 -8.7 54.8 53.4 Norlisk Nickel Nickel -0.9 -3.0 3.3 7.0 Timah PT Trn 1.3 -10.8 -33.5 -27.0 Imah PT Trn 1.3 -10.8 -2 -10.5 -7.6 Imah PT Trn 1.3 -10.8 -20.1 Imah PT Trn 1.3 -10.8 -2 -10.5 -7.6 Imah PT Trn 1.3 -10.8 Imah							1 Comp stooks \ 3,000 1 1 1 1 1 1 1 1
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South Sout							
China Shenhua Coal -1.2 0.2 48.3 54.0 Freeport McMcRan Copper 4.9 22.5 22.8 28.7 Antofagasta Copper 1.7 -2.2 38.9 37.9 Alcoa Aluminium 0.6 -1.8 44.9 51.7 Chinalco Aluminium -0.6 -5.8 57.0 57.5 57.8 53.4 Muminium -1.6 -8.7 54.8 53.4 Chinalco Nickel							a k k a k k. A. k. k. b. b. b. b.
Freeport McMara Copper 1.7 2.2 38.9 37.9 Antofagasta Copper 1.7 2.2 38.9 37.9 Antofagasta Copper 1.7 2.2 38.9 37.9 Chinalco Aluminium 0.6 1.8 44.9 61.7 Chinalco Aluminium -0.6 -5.8 57.0 57.5 Rusal Aluminium -1.6 8.7 54.8 63.4 Nonlsk Nickel Nickel Nickel -0.9 -3.0 3.3 7.0 Timah PT Tin 1.3 -10.8 -33.5 -27.0 Boliden Zinc 0.6 3.1 7.3 13.5 Carreco Uranium -1.5 8.2 -10.5 -7.6 Boliden Zinc 0.6 3.1 7.3 13.5 Carreco Uranium -1.5 8.2 -10.5 -7.6 Carreco Uranium -1.5 8.2 -10.5 -7.6 USDICAD 1.29 -0.6 1.9 10.4 10.8 24.1 USDICAD 1.29 -0.6 0.8 4.2 4.4 USDI							
Antofagasta Coper 1.7 -2.2 38.9 37.9 Alcoa Aluminium 0.6 -1.8 44.9 51.7 Chinalco Aluminium 0.6 -5.8 57.0 57.5 Rusal Aluminium -1.6 -8.7 54.8 53.4 Nonisk Nickel Nickel 0.9 -3.0 3.3 7.0 Timah PT Tin 1.3 -10.8 -3.1 7.3 13.5 Cameco Uranium -1.5 8.2 -10.5 -7.6 Alumiotid Steel -1.9 10.4 10.8 24.1 Commodity currency exchange rates (note: red = weakness against US\$) Cross-rate Spot 1D %ch 1M %ch 1Y %ch YTD %ch AUDI/USD 0.77 -0.1 1.3 5.7 6.3 USDI/ZAR 13.10 3.1 9.8 6.6 4.9 USDI/ZAR 13.10 3.1 9.8 6.6 4.9 USDI/ZAR 13.10 3.1 9.8 6.6 4.9 USDI/CAD 1.29 -0.6 -0.8 4.2 4.4 USDI/CAD 1.29 -0.6 0.2 2.5 5.2 4.7 USDI/CAD 1.29 -0.6 0.8 4.2 4.4 USDI/CAD 1.29 -0.6 0.8 4.2 4.4 USDI/CAD 1.29 -0.6 0.8 4.2 4.4 USDI/CAD 1.29 -0.6 0.2 2.5 5.2 4.7 USDI/CAD 1.29 -0.6 0.9 3.3 9. 39.4 Aluminium 1.105,960 0.4 5.1 47.1 49.9 Lead 144,560 -0.3 -0.9 -22.8 -25.9 Zinc (193,760 -0.8 -16.5 -562 -54.7 Tin 2,310 0.0 11.1 32.4 -38.3							
Alcoa Aluminium 0.6 -1.8 44.9 51.7 Chinalco Aluminium -0.6 -5.8 57.0 57.5 57.5 57.5 57.5 57.5 57.5 57.5							
Chinalco Aluminium	•						(RHS) (former)
Norisk Nickel	Chinalco	Aluminium	-0.6	-5.8	57.0	57.5	
Norisk Nickel Nickel -0.9 -3.0 3.3 7.0	Rusal	Aluminium	-1.6	-8.7	54.8	53.4	
Timah PT Tin 1.3 -10.8 -33.5 -27.0 Boliden Zinc 0.6 -3.1 7.3 13.5 Cameco Uranium -1.5 8.2 -10.5 -7.6 Arcelor Mittal Steel -1.9 10.4 16.8 24.1 Commodity currency exchange rates (note: red = weakness against US\$) Cross-rate Spot 1D %ch 1M %ch 1Y %ch YTD %ch AUD/USD 0.77 AUD/USD 0.77 -0.1 1.3 1.9 8. 6.6 4.9 USD/ZAR 13.10 3.1 9.8 6.6 4.9 USD/ZAR 13.30 1.0 0.4 1.9 -1.4 USD/CAD 1.29 -0.6 -0.8 4.2 4.4 USD/CAD 1.29 -0.6 0.2 2.5 5.2 4.7 USD/CNY 6.61 0.0 0.2 5.1 5.1 EME warehouse inventories Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch SD/CNY 6.61 0.0 0.2 5.1 5.1 LME warehouse inventories Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch SD/CNY 6.61 0.0 0.2 5.1 5.1 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -16.5 -552 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3							2,200
Cameco Uranium -1.5 8.2 -10.5 -7.6 Arcelor Mittal Steel -1.9 10.4 16.8 24.1 Commodity currency exchange rates (note: red = weakness against US\$) Cross-rate Spot 1D %ch 1M %ch 1Y %ch YTD %ch AUDIUSD 0.77 -0.1 1.3 5.7 6.3 USD/ZAR 13.10 3.1 9.8 6.6 4.9 USD/BRL 3.30 1.0 0.4 1.9 -1.4 USD/BRL 3.30 1.0 0.4 1.9 -1.4 USD/RUB 58.76 0.2 2.5 5.2 4.7 USD/CNY 6.61 0.0 0.2 5.1 5.1 LME warehouse inventories Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch Copper 195,200 1.9 -23.6 33.9 -39.4 Aluminium 1.105,950 -0.4 -5.1 47.1 49.9 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -16.5 -55.2 -54.7 Tin 2,310 0.0 11.1 32.4 -38.3							2,000
Arcelor Mittal Steel -1.9 10.4 16.8 24.1 Commodity currency exchange rates (note: red = weakness against US\$) Cross-rate Spot 1D %ch 1M %ch 1Y %ch YTD %ch AUDIUSD 0.77 -0.1 1.3 5.7 6.3 USD/ZAR 13.10 3.1 9.8 6.6 4.9 USD/RBL 3.30 1.0 0.4 1.9 -1.4 USD/CAD 1.29 -0.6 -0.8 4.2 4.4 USD/RUB 58.76 0.2 2.5 5.2 4.7 USD/CNY 6.61 0.0 0.2 5.1 5.1 LME warehouse inventories Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch Copper 195,200 1.9 -23.6 -33.9 -39.4 Aluminium 1,105,960 -0.4 -5.1 47.1 49.9 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -18.5 -55.2 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3							1,800
Commodity currency exchange rates (note: red = weakness against US\$) Cross-rate Spot 1D %ch 1M %ch 1Y %ch YTD %ch AUD/USD 0.77							1,500
AUD/USD 0.77							1,400 1,000 1,000 1,000 1,000 1,000
AUD/USD 0.77		_			•		The state of the s
USD/ZAR 13.10 3.1 9.8 6.6 4.9 USD/BRL 3.30 1.0 0.4 1.9 -1.4 USD/CAD 1.29 -0.6 -0.8 4.2 4.4 USD/CNY 6.61 0.0 0.2 5.5 5.2 4.7 USD/CNY 6.61 0.0 0.2 5.1 5.1 LME warehouse inventories Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch Copper 195,200 1.9 -23.6 -33.9 39.4 Aluminium 1,105,950 -0.4 -5.1 47.1 49.9 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -16.5 -55.2 54.7 Tin 2,310 0.0 11.1 -32.4 -38.3		•					
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USD/CAD 1.29							
USD/RUB 58.76 0.2 2.5 5.2 4.7 USD/CNY 6.61 0.0 0.2 5.1 5.1 5.1 LME warehouse inventories Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch Copper 195,200 1.9 -23.6 -33.9 -39.4 Aluminium 1,105,950 -0.4 -5.1 47.1 49.9 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -16.5 -55.2 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3							
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Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch Copper 195,200 1.9 -23.6 -33.9 -39.4 Aluminium 1,105,950 -0.4 -5.1 47.1 49.9 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -16.5 -55.2 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3		6.61	0.0	0.2	5.1	5.1	(IIH8) 35 -
Commodity Tonnes 1D %ch 1M %ch 1Y %ch YTD %ch Copper 195,200 1.9 -23.6 -33.9 -39.4 Aluminium 1,105,950 -0.4 -5.1 47.1 49.9 Lead 144,550 -0.3 -0.9 -22.8 -25.9 Zinc 193,750 -0.8 -16.5 -55.2 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3	LME warehouse inve	entories					80 -
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Lead 144,550 -0.3 -0.9 -22.8 -25.9 40 Fron Circ (LHS) Zinc 193,750 -0.8 -16.5 -55.2 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3 20 5 5 6 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 8 7 7 7 7 7 8 7 7 7 7 7 8 7 7 7 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	• •	1,105,950	-0.4	-5.1	-47.1	49.9	
Zinc 193,750 -0.8 -16.5 -55.2 -54.7 Tin 2,310 0.0 11.1 -32.4 -38.3 20 0.50 Jan-16 May-16 Sep-16 Jan-17 May-17 Sep-17	Lead	144,550	-0.3	-0.9	-22.8	-25.9	40 1
Tin 2,310 0.0 11.1 -32.4 -38.3 20 Jan-16 May-16 Sep-16 Jan-17 May-17 Sep-17	Zinc	193,750	-0.8	-16.5	-55.2	-54.7	
Don't for the trail for the tr	Tin	2,310	0.0	11.1	-32.4	-38.3	20 Jan-16 May-16 Sep-16 Jan-17 May-17 Sep-17
	Nickel	374,850	-0.5	-2.0	0.9	1.0	Dec-15 Apr-16 Aug-16 Dec-16 Apr-17 Aug-17



PRECIOUS METALS COMMENTARY

Gold prices ended flat on Friday after the New York Federal Reserve reported weaker than expected growth in the region's manufacturing sector. Friday, the regional central bank said its general business conditions index in the Empire State manufacturing survey eased modestly to a reading of 18 in December, from 19.4 in November. According to consensus forecasts, economists were expecting to see a reading of 18.8.

Looking at the components of the report, the New Orders Index dropped to a reading of 19.5, down from November's reading of 20.7. Employment also lost some momentum with the Number of Employees Index coming in at 5.1, down from November's reading of 11.5. Positive for gold, which is historically seen as an inflation hedge, the report noted a rise in prices pressures in the manufacturing sector. The Price Paid Index increased to a reading of 29.7, up from the previous level of 24.6.

Bitcoin

Bitcoin investors expect futures volumes to perk up when CME Group Inc, the world's largest derivatives exchange operator, launches its own contract to wager on the cryptocurrency on Sunday. The second U.S. bitcoin futures launch is seen as another step towards big institutional investors warming up to a volatile asset that had until recently been accessible only via largely unregulated markets. Like the futures contract launched last week by rival Cboe Global Markets, CME's will be cash settled. But it will be priced off an index of data from several cryptocurrency exchanges, instead of just one.



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