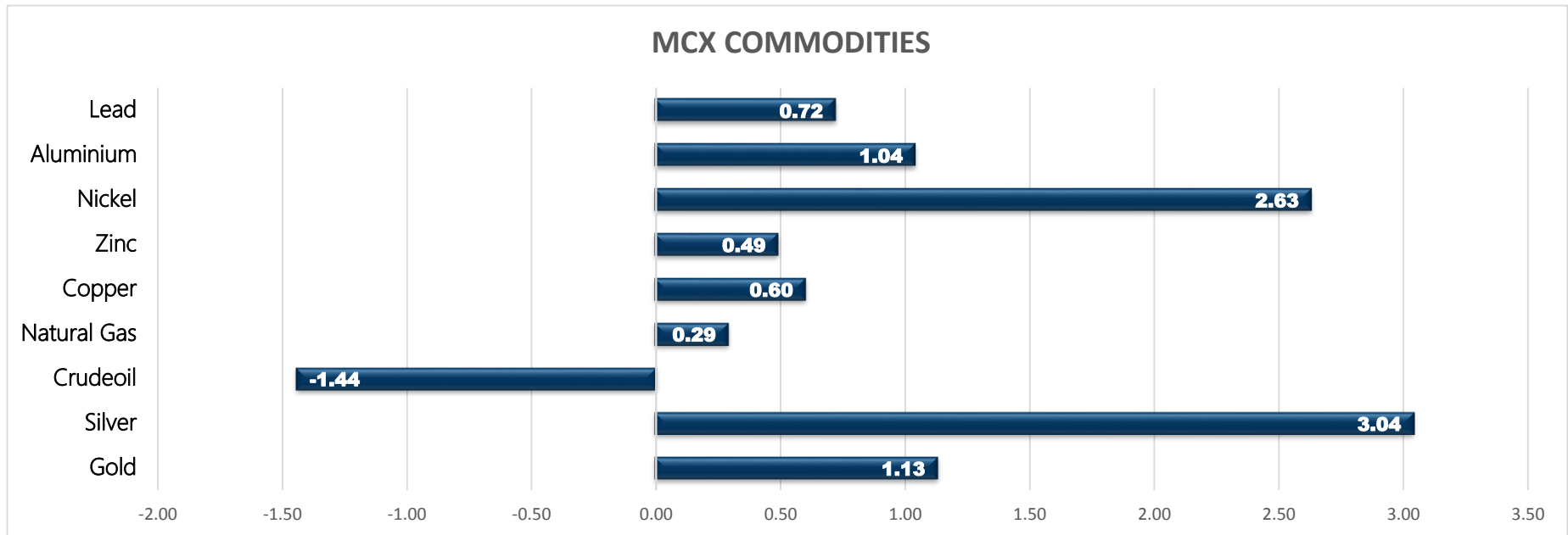


Commodity	Close	% Change
Gold	47524.00	1.13
Silver	65209.00	3.04
Crudeoil	5062.00	-1.44
Natural Gas	341.70	0.29
Copper	716.35	0.60
Zinc	245.15	0.49
Nickel	1477.10	2.63
Aluminium	214.60	1.04
Lead	182.35	0.72

Commodity	Ltp*	% Change
Gold\$	1827.53	0.00
Silver\$	24.72	0.08
Crudeoil\$	69.29	-1.00
Natural Gas\$	4.71	1.53
Lme Copper	9427.00	-0.45
Lme Zinc	3002.00	0.10
Lme Nickel	19550.00	-1.64
Lme Lead	2299.50	0.17
Lme Aluminium	2752.50	0.71

Economical Data	
EUR	German Factory Orders m/m
EUR	Sentix Investor Confidence
USD	Bank Holiday



**MCX MARKET SYNOPSIS**

Contract	Open	High	Low	Close	Rs Chg	% Chg	Volume	OI	OI % Chg
Copper Sep	714.05	717.70	708.70	716.35	4.30	0.60	11583	4170	-9.29
Copper Oct	715.00	719.40	711.40	718.00	3.85	0.54	237	215	-0.46
Zinc Sep	244.60	245.80	244.55	245.15	1.20	0.49	2359	948	-4.44
Zinc Oct	241.95	242.95	241.90	242.40	0.95	0.39	41	118	-2.48
Nickel Sep	1435.70	1479.20	1431.40	1477.10	37.80	2.63	8815	1785	6.38
Nickel Oct	1428.60	1465.00	1424.70	1463.60	32.10	2.24	376	262	95.52
Aluminium Sep	212.70	214.95	211.80	214.60	2.20	1.04	3754	2197	22.81
Aluminium Oct	211.60	213.25	210.50	212.90	1.85	0.88	144	155	23.02
Lead Sep	181.15	183.20	180.65	182.35	1.30	0.72	2355	1547	11.38
Lead Oct	180.10	181.60	179.50	180.65	0.50	0.28	48	32	60.00

**MCX PIVOT**

Contract	Sup - 3	Sup - 2	Sup - 1	Pivot	Res - 1	Res - 2	Res - 3	OI Status
Copper Sep	701.90	705.30	710.90	714.30	719.90	723.30	728.90	Short Covering
Zinc Sep	243.30	243.90	244.60	245.20	245.90	246.50	247.20	Short Covering
Nickel Sep	1398.20	1414.80	1446.00	1462.60	1493.80	1510.40	1541.60	Fresh Buying
Aluminium Sep	209.60	210.70	212.70	213.80	215.80	216.90	218.90	Fresh Buying
Lead Sep	178.40	179.50	181.00	182.10	183.60	184.70	186.20	Fresh Buying

**INTERNATIONAL MARKET SYNOPSIS**

Commodity	Open	High	Low	Ltp*	Chg	% Chg	LME STOCKS	
LME Copper	9394.00	9482.00	9340.00	9470.00	-43.00	-0.45	LME Copper	-175
LME Zinc	2989.00	3013.00	2977.00	2999.00	3.00	0.10	LME Zinc	-200
LME Nickel	19440.00	19940.00	19295.00	19875.00	-325.00	-1.64	LME Nickel	-1812
LME Lead	2319.00	2319.00	2286.50	2295.50	4.00	0.17	LME Lead	400
LME Aluminium	2695.00	2733.50	2678.00	2733.00	19.50	0.71	LME Aluminium	8125

**INTERNATIONAL PIVOT**

Commodity	Sup - 3	Sup - 2	Sup - 1	Pivot	Res - 1	Res - 2	Res - 3
LME Copper	9237	9289	9379	9431	9521	9573	9663
LME Zinc	2944	2960	2980	2996	3016	3032	3052
LME Nickel	18822	19058	19467	19703	20112	20348	20757
LME Lead	2249	2268	2282	2300	2314	2333	2347
LME Aluminium	2641	2659	2696	2715	2752	2770	2807

COPPER

Copper trading range for the day is 705.3-723.3.

Copper prices gained amid expectations of improving economic growth despite the coronavirus pandemic.

Codelco, boosted its production of the red metal by 2.7% year-on-year in July, to 136,900 tonnes

Unions at Codelco's Andina mine to end strike after reaching labor deal

Warehouse stock for Copper at LME was at 252225mt that is down by -175mt.



ZINC

Zinc trading range for the day is 243.9-246.5.

Zinc prices gained as support seen after total zinc inventories across seven Chinese markets stood at 123,600 mt down 2,400 mt

US jobless claims fell 14000 to 340000, the lowest since the breakout of COVID-19, further pulling back US dollar index.

Senator Joe Manchin urged fellow Democrats to pause in their push to enact a \$3.5 trillion spending bill.

Warehouse stock for Zinc at LME was at 236225mt that is down by -200mt.



NICKEL

Nickel trading range for the day is 1414.8-1510.4.

Nickel prices rose supported by solid demand and low inventories across the world.

Philippines' first – half nickel output up 39% y/y

Refined nickel inventories in ShFE warehouses hit a record low of 4,455 tonnes, down 89% from a year earlier.

Warehouse stock for Nickel at LME was at 188676mt that is down by -1812mt.



ALUMINIUM

Aluminium trading range for the day is 210.7-216.9.

Aluminium prices rose amid growing concern that restrictions on production of the metal in China are causing supply shortages.

China aluminium cuts exceed 2 mln tonnes so far

Aluminium inventories in LME-registered warehouses have fallen from almost 2 million tonnes in March to a little more than 1.3 million tonnes.

Warehouse stock for Aluminium at LME was at 1343425mt that is up by 8125mt.



COPPER PRICE MOVEMENT SINCE 2012

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Grow th
2012	417.15	417.70	431.65	443.90	420.25	429.40	422.55	424.30	441.05	419.70	436.30	443.75	37.75
	2.75	0.13	3.34	2.84	-5.33	2.18	-1.60	0.41	3.95	-4.84	3.96	1.71	9.30
2013	440.05	418.20	410.20	381.00	413.05	406.60	421.55	486.95	466.40	452.50	444.40	468.55	24.80
	-0.83	-4.97	-1.91	-7.12	8.41	-1.56	3.68	15.51	-4.22	-2.98	-1.79	5.43	5.59
2014	444.95	443.20	404.15	403.00	410.80	422.35	436.10	417.95	416.00	414.70	390.75	399.10	-69.45
	-5.04	-0.39	-8.81	-0.28	1.94	2.81	3.26	-4.16	-0.47	-0.31	-5.78	2.14	-14.82
2015	342.85	371.80	378.45	404.60	386.65	368.75	335.40	341.75	342.70	336.55	301.15	315.50	-83.60
	-14.09	8.44	1.79	6.91	-4.44	-4.63	-9.04	1.89	0.28	-1.79	-10.52	4.77	-20.95
2016	311.60	322.00	321.25	334.20	312.50	327.15	329.70	305.60	328.55	326.05	396.05	372.90	57.40
	-1.24	3.34	-0.23	4.03	-6.49	4.69	0.78	-7.31	7.51	-0.76	21.47	-5.85	18.19
2017	406.10	397.85	380.75	367.60	368.75	385.20	410.65	434.55	427.95	444.70	431.40	466.00	93.10
	8.90	-2.03	-4.30	-3.45	0.31	4.46	6.61	5.82	-1.52	3.91	-2.99	8.02	24.97
2018	450.90	446.00	436.80	449.40	457.05	446.15	430.15	414.00	452.95	435.70	433.10	407.75	-58.25
	-3.24	-1.09	-2.06	2.88	1.70	-2.38	-3.59	-3.75	9.41	-3.81	-0.60	-5.85	-12.50
2019	437.60	464.70	451.05	450.30	404.50	411.05	444.15	443.95	438.05	437.95	432.60	441.25	33.50
	7.32	6.19	-2.94	-0.17	-10.17	1.62	8.05	-0.05	-1.33	-0.02	-1.22	2.00	8.22
2020	427.25	421.80	376.80	403.45	416.20	464.70	500.75	527.30	525.20	526.40	582.30	594.70	153.45
	-3.17	-1.28	-10.67	7.07	3.16	11.65	7.76	5.30	-0.40	0.23	10.62	2.13	34.78
2021	596.40	702.95	667.95	754.10	768.85	721.50	751.70	720.95					126.25
	0.29	17.87	-4.98	12.90	1.96	-6.16	4.19	-4.09					21.23
Average	-1.25	2.69	-2.53	1.37	-0.91	0.67	3.00	0.87	-0.10	0.35	2.05	2.44	Average

ZINC PRICEMOVEMENTSINCE 2012

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Grow th
2012	105.60	104.00	102.85	107.10	107.15	103.95	103.20	100.60	110.45	99.30	110.55	111.45	13.00
	7.26	-1.52	-1.11	4.13	0.05	-2.99	-0.72	-2.52	9.79	-10.10	11.33	0.81	13.20
2013	113.95	111.05	102.90	110.50	106.30	109.70	109.55	128.25	117.80	118.25	116.00	129.05	17.60
	2.24	-2.54	-7.34	7.39	-3.80	3.20	-0.14	17.07	-8.15	0.38	-1.90	11.25	15.79
2014	122.80	130.95	119.05	123.95	122.40	132.45	144.55	142.90	141.10	143.40	138.00	137.20	8.15
	-4.84	6.64	-9.09	4.12	-1.25	8.21	9.14	-1.14	-1.26	1.63	-3.77	-0.58	6.32
2015	130.40	127.70	129.90	149.75	141.05	127.10	122.85	121.30	108.90	109.10	103.20	106.15	-31.05
	-4.96	-2.07	1.72	15.28	-5.81	-9.89	-3.34	-1.26	-10.22	0.18	-5.41	2.86	-22.63
2016	109.25	122.45	118.40	129.20	129.30	142.15	148.80	155.90	158.10	163.90	185.55	173.80	67.65
	2.92	12.08	-3.31	9.12	0.08	9.94	4.68	4.77	1.41	3.67	13.21	-6.33	63.73
2017	193.10	187.70	180.40	169.45	165.95	178.25	179.50	200.95	210.20	215.05	205.95	207.60	33.80
	11.10	-2.80	-3.89	-6.07	-2.07	7.41	0.70	11.95	4.60	2.31	-4.23	0.80	19.45
2018	228.60	227.75	214.10	211.75	209.05	202.15	180.40	176.10	186.65	192.60	180.20	171.95	-35.65
	10.12	-0.37	-5.99	-1.10	-1.28	-3.30	-10.76	-2.38	5.99	3.19	-6.44	-4.58	-17.17
2019	195.15	197.80	221.35	223.20	203.00	200.50	192.25	185.30	185.55	187.85	185.05	179.00	7.05
	13.49	1.36	11.91	0.84	-9.05	-1.23	-4.11	-3.62	0.13	1.24	-1.49	-3.27	4.10
2020	174.45	154.85	145.50	150.60	159.00	163.50	184.00	196.05	190.80	201.80	220.20	214.40	35.40
	-2.54	-11.24	-6.04	3.51	5.58	2.83	12.54	6.55	-2.68	5.77	9.12	-2.63	11.81
2021	205.90	219.55	220.00	232.45	237.35	240.20	248.15	244.80					30.40
	-3.96	6.63	0.20	5.66	2.11	1.20	3.31	-1.35					11.81
Average	0.89	1.16	-2.09	2.90	-2.20	0.65	2.74	2.26	-0.91	1.82	0.66	0.77	Average

NICKEL PRICE MOVEMENT SINCE 2012

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Growth
2012	1050.20	974.30	927.40	936.60	923.80	935.40	892.80	884.40	978.50	878.50	931.70	935.70	-56.50
	5.85	-7.23	-4.81	0.99	-1.37	1.26	-4.55	-0.94	10.64	-10.22	6.06	0.43	-5.69
2013	979.10	895.70	921.50	824.00	826.70	823.90	829.20	928.20	869.80	892.20	836.90	864.50	-71.20
	4.64	-8.52	2.88	-10.58	0.33	-0.34	0.64	11.94	-6.29	2.58	-6.20	3.30	-7.61
2014	855.80	902.80	945.50	1097.40	1139.60	1124.30	1130.40	1140.30	1016.80	971.00	996.80	945.70	81.20
	-1.01	5.49	4.73	16.07	3.85	-1.34	0.54	0.88	-10.83	-4.50	2.66	-5.13	9.49
2015	922.90	874.90	779.70	881.00	808.00	744.50	698.50	668.10	661.90	660.90	583.50	582.00	-363.70
	-2.41	-5.20	-10.88	12.99	-8.29	-7.86	-6.18	-4.35	-0.93	-0.15	-11.71	-0.26	-38.46
2016	579.80	577.60	549.10	629.10	568.50	636.40	700.00	651.20	703.30	696.30	751.20	706.00	169.20
	-0.38	-0.38	-4.93	14.57	-9.63	11.94	9.99	-6.97	8.00	-1.00	7.88	-6.02	29.07
2017	670.30	725.30	640.10	608.90	568.50	600.60	655.70	743.70	692.60	766.30	727.50	783.40	77.40
	-5.06	8.21	-11.75	-4.87	-6.63	5.65	9.17	13.42	-6.87	10.64	-5.06	7.68	10.96
2018	863.10	898.30	840.50	926.40	1024.40	1022.30	944.00	909.30	905.00	860.00	774.80	741.60	-41.80
	10.17	4.08	-6.43	10.22	10.58	-0.20	-7.66	-3.68	-0.47	-4.97	-9.91	-4.28	-5.34
2019	884.90	931.10	904.00	854.60	876.50	906.00	1013.50	1245.40	1216.80	1200.40	1005.50	1029.20	287.60
	19.32	5.22	-2.91	-5.46	2.56	3.37	11.87	22.88	-2.30	-1.35	-16.24	2.36	38.78
2020	943.80	901.00	860.10	922.60	940.40	975.00	1041.90	1135.70	1065.30	1142.70	1206.70	1212.20	183.00
	-8.30	-4.53	-4.54	7.27	1.93	3.68	6.86	9.00	-6.20	7.27	5.60	0.46	17.78
2021	1286.90	1367.70	1184.10	1316.90	1328.40	1363.90	1484.10	1446.00					233.80
	6.16	6.28	-13.42	11.22	0.87	2.67	8.81	-2.57					19.29
Average	3.37	1.29	-2.98	4.20	-3.04	0.58	3.21	3.12	-1.76	0.18	-3.13	1.80	Average

## ALUMINIUM PRICE MOVEMENT SINCE 2012

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Growth
2012	112.15	112.65	108.35	108.05	111.35	105.65	103.95	103.00	110.95	101.85	113.35	111.75	4.80
	4.86	0.45	-3.82	-0.28	3.05	-5.12	-1.61	-0.91	7.72	-8.20	11.29	-1.41	4.49
2013	110.50	105.40	103.65	100.10	105.95	105.05	105.85	122.10	113.15	112.55	106.75	109.20	-2.55
	-1.12	-4.62	-1.66	-3.42	5.84	-0.85	0.76	15.35	-7.33	-0.53	-5.15	2.30	-2.28
2014	103.90	107.00	104.00	106.75	107.65	111.20	121.45	126.70	119.20	126.85	128.35	116.00	6.80
	-4.85	2.98	-2.80	2.64	0.84	3.30	9.22	4.32	-5.92	6.42	1.18	-9.62	6.23
2015	113.45	112.40	111.95	121.40	108.75	104.95	102.00	107.15	102.60	94.40	96.35	100.15	-15.85
	-2.20	-0.93	-0.40	8.44	-10.42	-3.49	-2.81	5.05	-4.25	-7.99	2.07	3.94	-13.66
2016	103.80	111.25	98.90	111.25	104.00	110.55	108.30	107.20	110.55	115.95	118.00	117.20	17.05
	3.64	7.18	-11.10	12.49	-6.52	6.30	-2.04	-1.02	3.12	4.88	1.77	-0.68	17.02
2017	123.40	126.45	126.20	123.90	123.90	123.55	121.95	135.30	137.90	138.60	131.00	143.30	26.10
	5.29	2.47	-0.20	-1.82	0.00	-0.28	-1.30	10.95	1.92	0.51	-5.48	9.39	22.27
2018	141.65	140.50	130.65	148.50	154.15	149.70	141.40	150.10	145.90	143.95	137.20	128.15	-15.15
	-1.15	-0.81	-7.01	13.66	3.80	-2.89	-5.54	6.15	-2.80	-1.34	-4.69	-6.60	-10.57
2019	136.00	151.10	149.15	146.20	145.35	143.20	140.35	138.70	134.60	132.00	133.55	137.25	9.10
	6.13	11.10	-1.29	-1.98	-0.58	-1.48	-1.99	-1.18	-2.96	-1.93	1.17	2.77	7.10
2020	139.10	136.70	134.45	131.00	131.70	137.95	140.90	146.15	143.80	152.95	167.05	160.95	23.70
	1.35	-1.73	-1.65	-2.57	0.53	4.75	2.14	3.73	-1.61	6.36	9.22	-3.65	17.27
2021	162.25	173.50	176.65	193.70	196.65	198.75	206.75	212.85					51.90
	0.81	6.93	1.82	9.65	1.52	1.07	4.03	2.95					32.25
Average	0.81	2.06	-1.72	3.02	-0.60	-0.82	1.25	3.28	-0.75	-0.12	0.53	0.61	Average



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