



thyssenkrupp Materials NA

Copper and Brass Sales * Ken-Mac Metals * OnlineMetals.com
 thyssenkrupp Steel Services * thyssenkrupp Industrial Services * thyssenkrupp Materials de
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Daily Metal Values
 Market Close Numbers will be effective on file as of :
8/20/2019

	8/19/2019 Market Close	8/16/2019 Prior Close	Change
Comex Copper	2.5970	2.5900	0.0070
Published Copper	3.3800	3.3700	0.0100
Published Zinc	2.0200	2.0300	-0.0100
Published Tin	13.1944	13.3826	-0.1882

LME Aluminum	0.7995	0.7963	0.0032
LME Copper	2.6107	2.5900	0.0207
LME Zinc	1.0151	1.0272	-0.0121
LME Nickel	7.2598	7.2983	-0.0385
LME Tin	7.4344	7.6226	-0.1882
LME Lead	0.9215	0.9299	-0.0084
Comex Silver per Troy Oz.	16.9140	17.0960	-0.1820

LME Alum (3-mth future avg)	0.8167	0.8133	0.0034
Midwest Spot Alum (Daily)	0.9787	0.9765	0.0022

Averages:	Month to Date	Prior Month
Nickel	6.9798	6.1064
Comex CU	2.5870	2.6866
Midwest Spot	0.9704	0.9920

USD to CAD Conversion Effective:	08/20/2019	1.32658
CAD to USD Conversion Effective:	08/20/2019	0.75382

Weekly:	08/15/19	08/08/19	Change
Ferro-chrome HC min 60-65% Cr 6-8% C	1.02	1.02	0.00