



thyssenkrupp Materials NA

Copper and Brass Sales * Ken-Mac Metals * OnlineMetals.com
 thyssenkrupp Steel Services * thyssenkrupp Industrial Services * thyssenkrupp Materials de
 Mexico * thyssenkrupp Engineered Plastics

Daily Metal Values
 Market Close Numbers will be effective on file as of :
 12/30/2019

	12/27/2019 Market Close	12/26/2019 Prior Close	Change
Comex Copper	2.8365	2.8645	-0.0280
Published Copper	3.6200	3.6400	-0.0200
Published Zinc	2.0600	2.0600	0.0000
Published Tin	14.5164	14.6412	-0.1248

LME Aluminum	0.8115	0.8035	0.0080
LME Copper	2.8173	2.7910	0.0263
LME Zinc	1.0414	1.0469	-0.0055
LME Nickel	6.3503	6.5295	-0.1792
LME Tin	7.7564	7.8812	-0.1248
LME Lead	0.8664	0.8614	0.0050
Comex Silver per Troy Oz.	17.8490	17.8940	-0.0450

LME Alum (3-mth future avg)	0.8264	0.8190	0.0074
Midwest Spot Alum (Daily)	0.9621	0.9551	0.0070

Averages:	Month to Date	Prior Month
Nickel	6.2911	6.8944
Comex CU	2.7620	2.6546
Midwest Spot	0.9505	0.9596

USD to CAD Conversion Effective:	12/30/2019	1.31378
CAD to USD Conversion Effective:	12/30/2019	0.76116

Weekly:	12/19/19	12/12/19	Change
Ferro-chrome HC min 60-65% Cr 6-8% C	0.89	0.89	0.00