



## 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 :  
**3/17/2020**

|                  | 3/16/2020<br>Market Close | 3/13/2020<br>Prior Close | Change  |
|------------------|---------------------------|--------------------------|---------|
| Comex Copper     | 2.3985                    | 2.4740                   | -0.0755 |
| Published Copper | 3.1800                    | 3.2500                   | -0.0700 |
| Published Zinc   | 1.8900                    | 1.9200                   | -0.0300 |
| Published Tin    | 13.7453                   | 14.1989                  | -0.4536 |

|                           |         |         |         |
|---------------------------|---------|---------|---------|
| LME Aluminum              | 0.7441  | 0.7607  | -0.0166 |
| LME Copper                | 2.3637  | 2.5086  | -0.1449 |
| LME Zinc                  | 0.8763  | 0.9011  | -0.0248 |
| LME Nickel                | 5.3411  | 5.6994  | -0.3583 |
| LME Tin                   | 6.9853  | 7.4389  | -0.4536 |
| LME Lead                  | 0.7643  | 0.8078  | -0.0435 |
| Comex Silver per Troy Oz. | 12.7720 | 14.4560 | -1.6840 |

|                             |        |        |         |
|-----------------------------|--------|--------|---------|
| LME Alum (3-mth future avg) | 0.7546 | 0.7668 | -0.0122 |
| Midwest Spot Alum (Daily)   | 0.8840 | 0.8966 | -0.0126 |

| Averages:    | Month to Date | Prior Month |
|--------------|---------------|-------------|
| Nickel       | 5.6528        | 5.7804      |
| Comex CU     | 2.5320        | 2.5838      |
| Midwest Spot | 0.9036        | 0.9009      |

|                                  |            |         |
|----------------------------------|------------|---------|
| USD to CAD Conversion Effective: | 03/17/2020 | 1.38590 |
| CAD to USD Conversion Effective: | 03/17/2020 | 0.72155 |

| Weekly:                              | 03/12/20 | 03/05/20 | Change |
|--------------------------------------|----------|----------|--------|
| Ferro-chrome HC min 60-65% Cr 6-8% C | 0.93     | 0.92     | 0.01   |