

***For Orders and Contracts Prior to March 1, 2013 only!  
Please refer to the Carpenter Website for current values!***

**Latrobe Specialty Metals  
High Speed, Cold Work & Hot Work Steels  
Raw Material Surcharges (\$/lb) for February 2018**

| High Speed Steel |             |        | Cold Work Die Steels |           |        | Hot Work Die Steels |            |        |
|------------------|-------------|--------|----------------------|-----------|--------|---------------------|------------|--------|
| M1               | Tatmo       | \$2.03 | A2                   | Select-B  | \$0.58 | A8+                 | MGR-MQ     | \$0.92 |
| M2               | Double 6    | \$3.01 | A6                   | Lesco A6  | \$0.48 | H10                 | Dart       | \$0.73 |
| M2               | Double 6-XL | \$3.01 | A7                   | BR-3      | \$1.81 | H11                 | Dycast     | \$0.68 |
| M2               | HS29        | \$2.90 | A7                   | Brickmold | \$1.86 | H11+                | Dycast-VAR | \$0.68 |
| M2               | HS29-XL     | \$2.90 | A8                   | MGR       | \$0.92 | H12                 | LPD        | \$0.96 |
| M3I              | Corsair     | \$3.00 | A9                   | Mazeman   | \$0.94 | H13                 | VDC        | \$0.84 |
| M3II             | Crusader    | \$3.17 | A10                  | Graph-Air | \$0.60 | H13+                | VDC-MQ     | \$0.84 |
| M4               | Stark       | \$3.18 | A18                  | Whitebear | \$1.23 | H13++               | VDC-RF     | \$0.82 |
| M7               | Tatmo-VN    | \$2.33 | D2                   | Olympic   | \$0.82 | H13-FM              | Viscount   | \$0.84 |
| M11              | Vancomo     | \$2.47 | D3                   | GSN       | \$0.54 | H14                 | Lumdie     | \$1.34 |
| M33              | Kelvan      | \$4.93 | D4                   | GSN+Mo    | \$0.72 | H19                 | Lesco19    | \$3.39 |
| M35              | HS 105      | \$4.48 | D5                   | Riptide   | \$1.50 | H21                 | CLW        | \$2.54 |
| M42              | Dynamax     | \$4.80 | D7                   | BR-4      | \$1.75 | H26                 | H26 Mod    | \$4.95 |
| M50              | CM-50       | \$1.18 | L6                   | Montana   | \$1.38 | H43                 | Lesco 43   | \$2.00 |
| M51              | M51         | \$7.07 | O1                   | Badger    | \$0.44 | P20                 | Bruno      | \$0.40 |
| M52              | CM52        | \$2.35 | O6                   | Graph-Mo  | \$0.36 | P21                 | Cascade    | \$0.58 |
| T15              | Dynavan     | \$6.13 | O7                   | Lesco O7  | \$0.67 | S7+                 | S7-MQ      | \$0.55 |
|                  | Abscido     | \$2.00 | S1                   | XL-Chisel | \$0.87 | 420SS               | Saxman6R   | \$0.59 |
|                  | Supersaw    | \$4.06 | S2                   | Trident   | \$0.45 | 420-FM              | Saxman-FM  | \$0.59 |
|                  |             |        | S4                   | Damascus  | \$0.32 |                     | CAT H10    | \$0.74 |
|                  |             |        | S5                   | Lanark    | \$0.56 |                     | Chromo-N   | \$0.96 |
|                  |             |        | S7                   | Bearcat   | \$0.55 |                     | HC-H13     | \$0.90 |
|                  |             |        | 4140H                | Brake Die | \$0.36 |                     | HW-108     | \$1.98 |
|                  |             |        |                      | Chipper   | \$0.72 |                     | LSC2367    | \$0.94 |
|                  |             |        |                      | Koncor    | \$1.64 |                     | Magnadie   | \$0.67 |
|                  |             |        |                      | Lescowear | \$1.55 |                     | Mandrel    | \$0.50 |
|                  |             |        |                      | Staminal  | \$0.55 |                     | PS-55      | \$0.51 |
|                  |             |        |                      | Typlex    | \$0.69 |                     |            |        |
|                  |             |        |                      | Vertex    | \$0.82 |                     |            |        |

**Raw Material Surcharges have been historically calculated based upon a 3 month rolling average for each of the raw material components. However, due to the volatility of raw material costs, Latrobe Specialty Metals reserves the right to modify the surcharge calculation based upon current market conditions.**

**Refer to the Marketing Department for applicable surcharges for grades not listed.**

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2/5/2018

# Natural Gas Prices



# Cobalt Prices

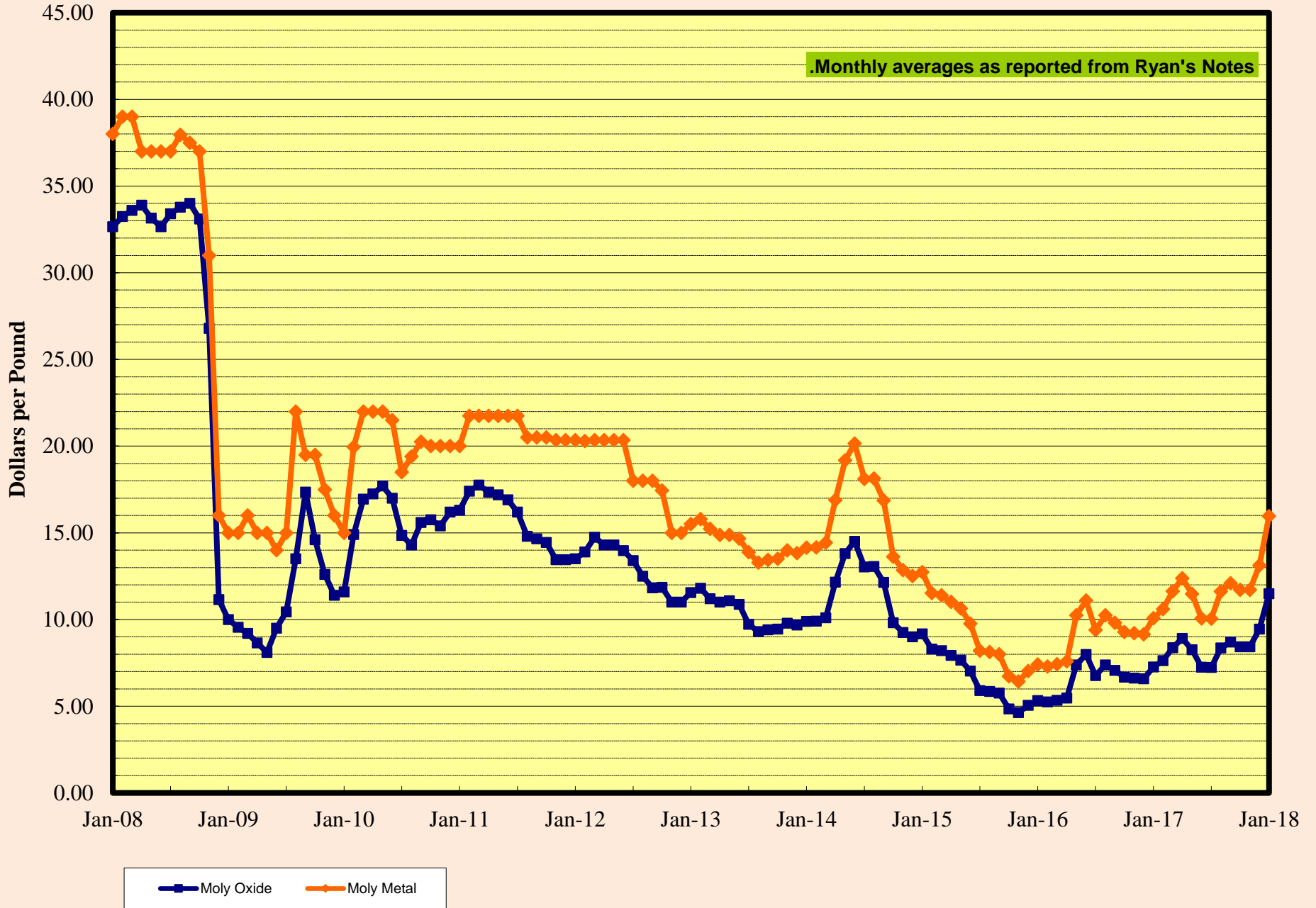


# Ferro Vanadium Prices



# Molybdenum Prices

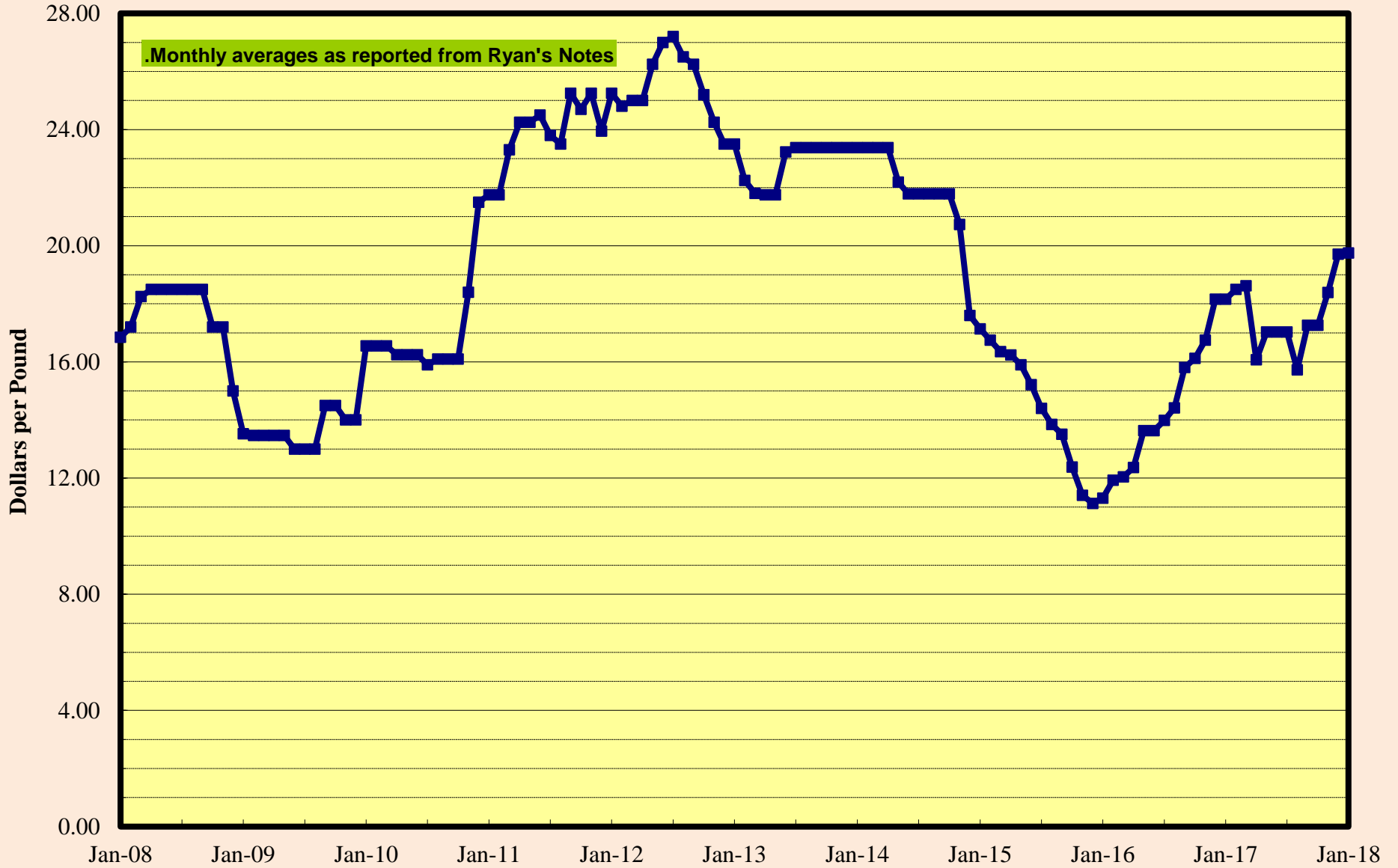
.Monthly averages as reported from Ryan's Notes



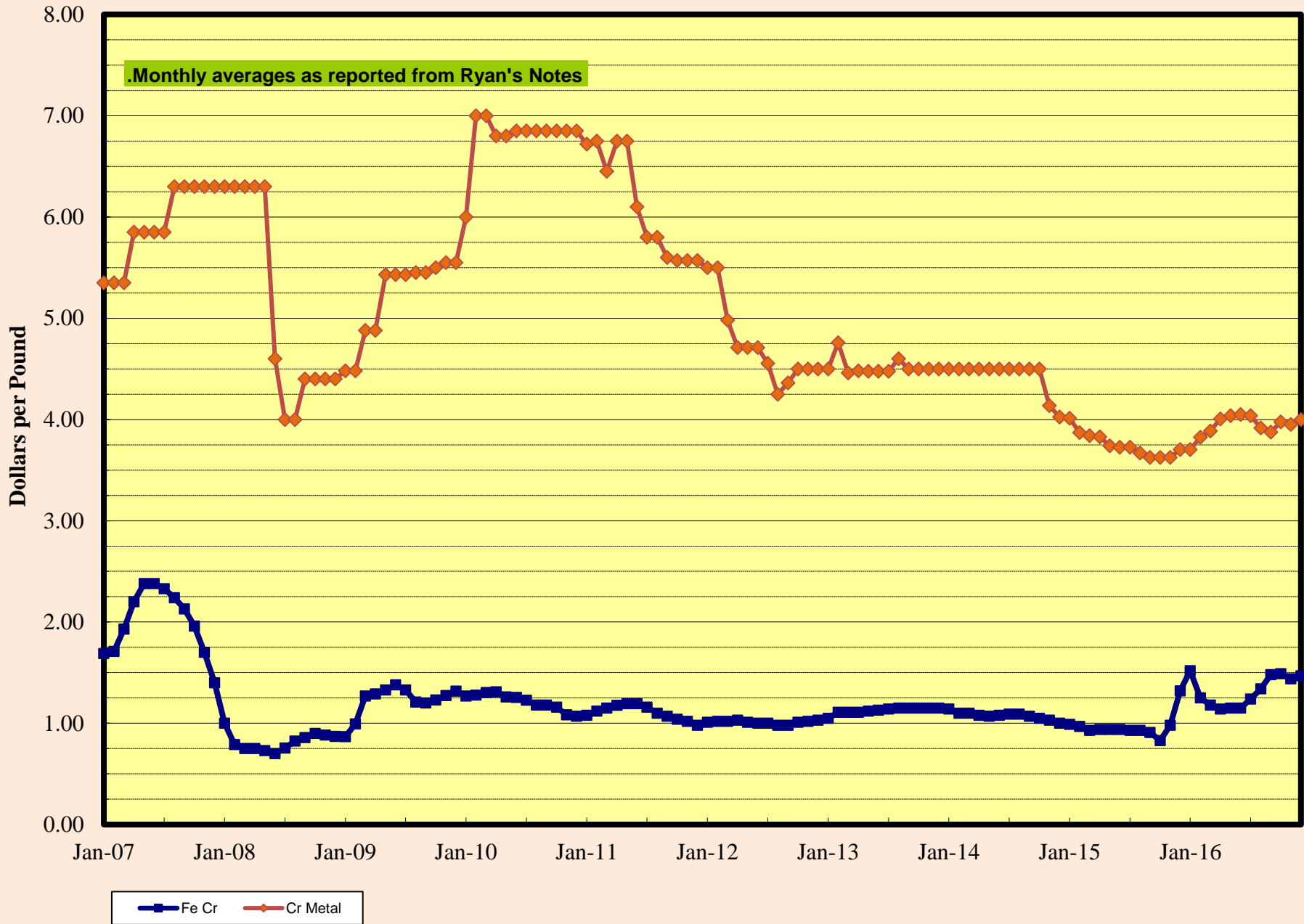
# Dealer Nickel Prices



# Chinese FerroTungsten Prices



# Chromium Prices

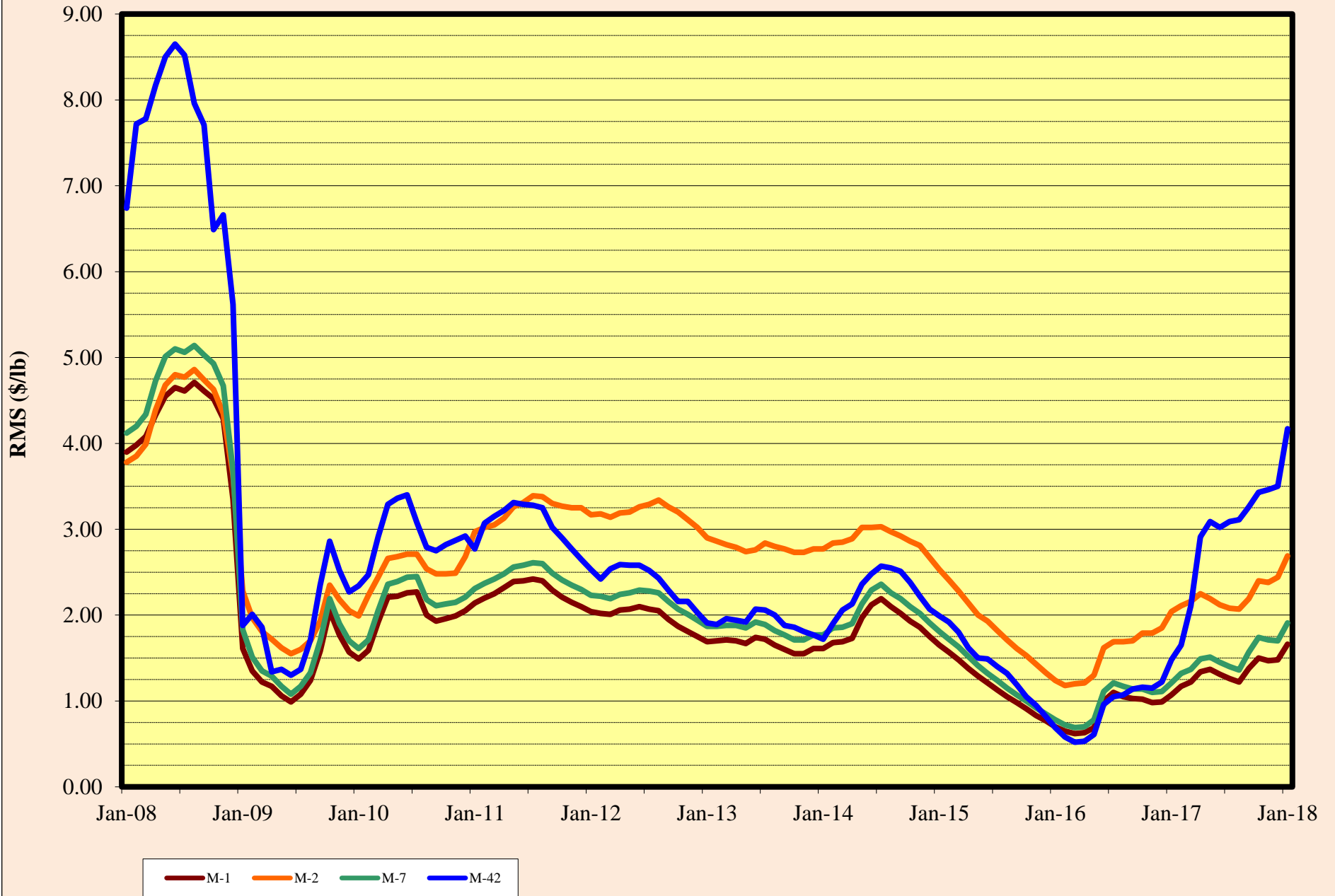




# Iron Busheling Prices



# Selective High Speed Steel Surcharges



# Selective Die Steel Surcharges

