

***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 May 2018**

| High Speed Steel | | | Cold Work Die Steels | | | Hot Work Die Steels | | |
|------------------|-------------|--------|----------------------|-----------|--------|---------------------|------------|--------|
| M1 | Tatmo | \$2.29 | A2 | Select-B | \$0.62 | A8+ | MGR-MQ | \$1.01 |
| M2 | Double 6 | \$3.50 | A6 | Lesco A6 | \$0.49 | H10 | Dart | \$0.79 |
| M2 | Double 6-XL | \$3.50 | A7 | BR-3 | \$2.38 | H11 | Dycast | \$0.75 |
| M2 | HS29 | \$3.37 | A7 | Brickmold | \$2.44 | H11+ | Dycast-VAR | \$0.75 |
| M2 | HS29-XL | \$3.37 | A8 | MGR | \$1.01 | H12 | LPD | \$1.05 |
| M3I | Corsair | \$3.53 | A9 | Mazeman | \$1.09 | H13 | VDC | \$0.98 |
| M3II | Crusader | \$3.77 | A10 | Graph-Air | \$0.63 | H13+ | VDC-MQ | \$0.98 |
| M4 | Stark | \$3.86 | A18 | Whitebear | \$1.51 | H13++ | VDC-RF | \$0.94 |
| M7 | Tatmo-VN | \$2.71 | D2 | Olympic | \$0.94 | H13-FM | Viscount | \$0.98 |
| M11 | Vancomo | \$2.86 | D3 | GSN | \$0.57 | H14 | Lumdie | \$1.47 |
| M33 | Kelvan | \$5.87 | D4 | GSN+Mo | \$0.79 | H19 | Lesco19 | \$4.13 |
| M35 | HS 105 | \$5.33 | D5 | Riptide | \$1.73 | H21 | CLW | \$2.89 |
| M42 | Dynamax | \$5.72 | D7 | BR-4 | \$2.26 | H26 | H26 Mod | \$5.69 |
| M50 | CM-50 | \$1.35 | L6 | Montana | \$1.52 | H43 | Lesco 43 | \$2.34 |
| M51 | M51 | \$8.59 | O1 | Badger | \$0.46 | P20 | Bruno | \$0.40 |
| M52 | CM52 | \$2.75 | O6 | Graph-Mo | \$0.36 | P21 | Cascade | \$0.63 |
| T15 | Dynavan | \$7.52 | O7 | Lesco O7 | \$0.72 | S7+ | S7-MQ | \$0.56 |
| | Abscido | \$2.40 | S1 | XL-Chisel | \$0.97 | 420SS | Saxman6R | \$0.63 |
| | Supersaw | \$4.88 | S2 | Trident | \$0.48 | 420-FM | Saxman-FM | \$0.63 |
| | | | S4 | Damascus | \$0.32 | | CAT H10 | \$0.82 |
| | | | S5 | Lanark | \$0.61 | | Chromo-N | \$1.07 |
| | | | S7 | Bearcat | \$0.56 | | HC-H13 | \$1.06 |
| | | | 4140H | Brake Die | \$0.36 | | HW-108 | \$2.31 |
| | | | | Chipper | \$0.78 | | LSC2367 | \$1.04 |
| | | | | Koncor | \$2.14 | | Magnadie | \$0.73 |
| | | | | Lescowear | \$1.90 | | Mandrel | \$0.52 |
| | | | | Staminal | \$0.58 | | PS-55 | \$0.52 |
| | | | | Typlex | \$0.74 | | | |
| | | | | Vertex | \$0.90 | | | |

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.

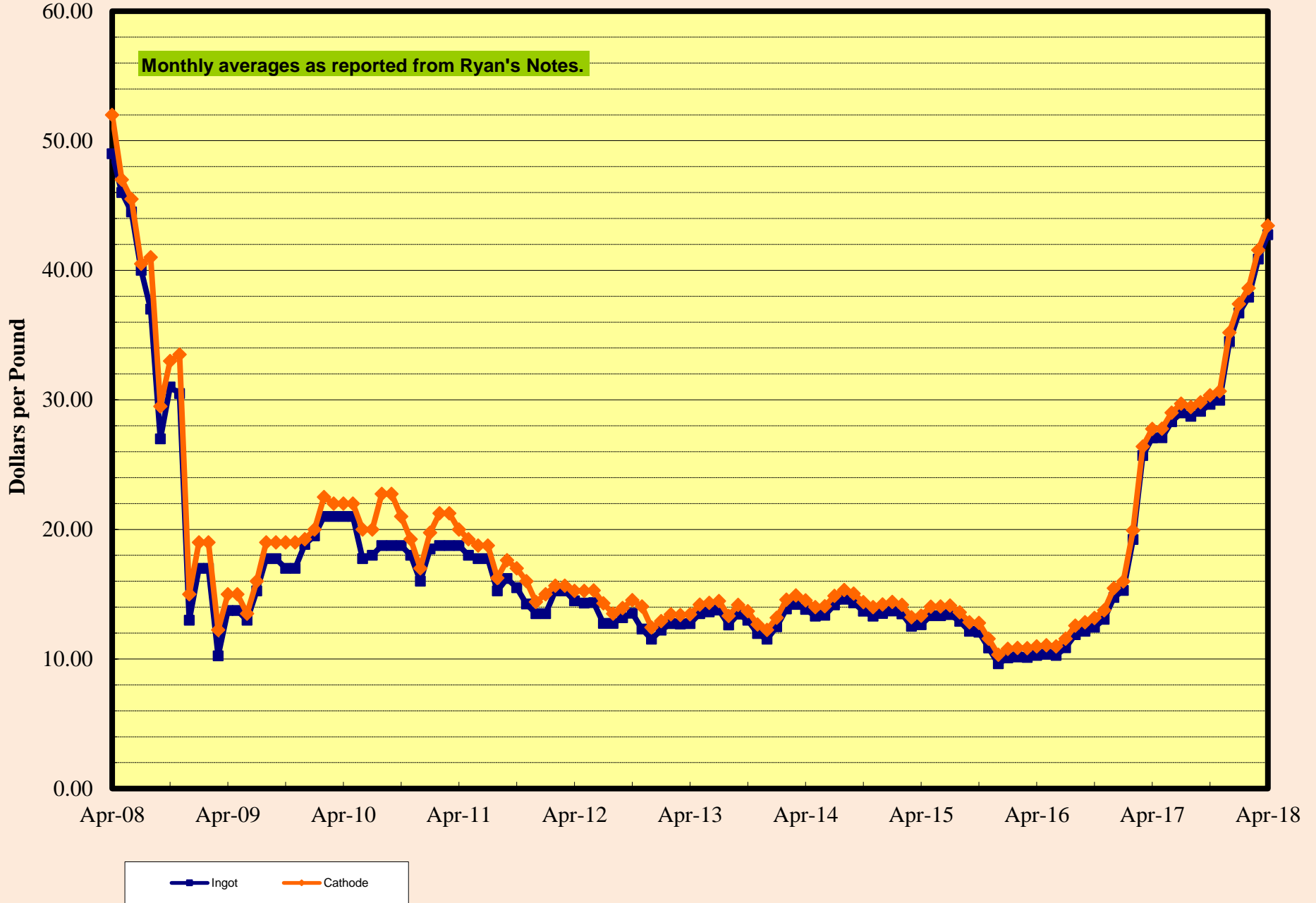
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5/2/2018

Natural Gas Prices



Cobalt Prices



Ferro Vanadium Prices



Molybdenum Prices

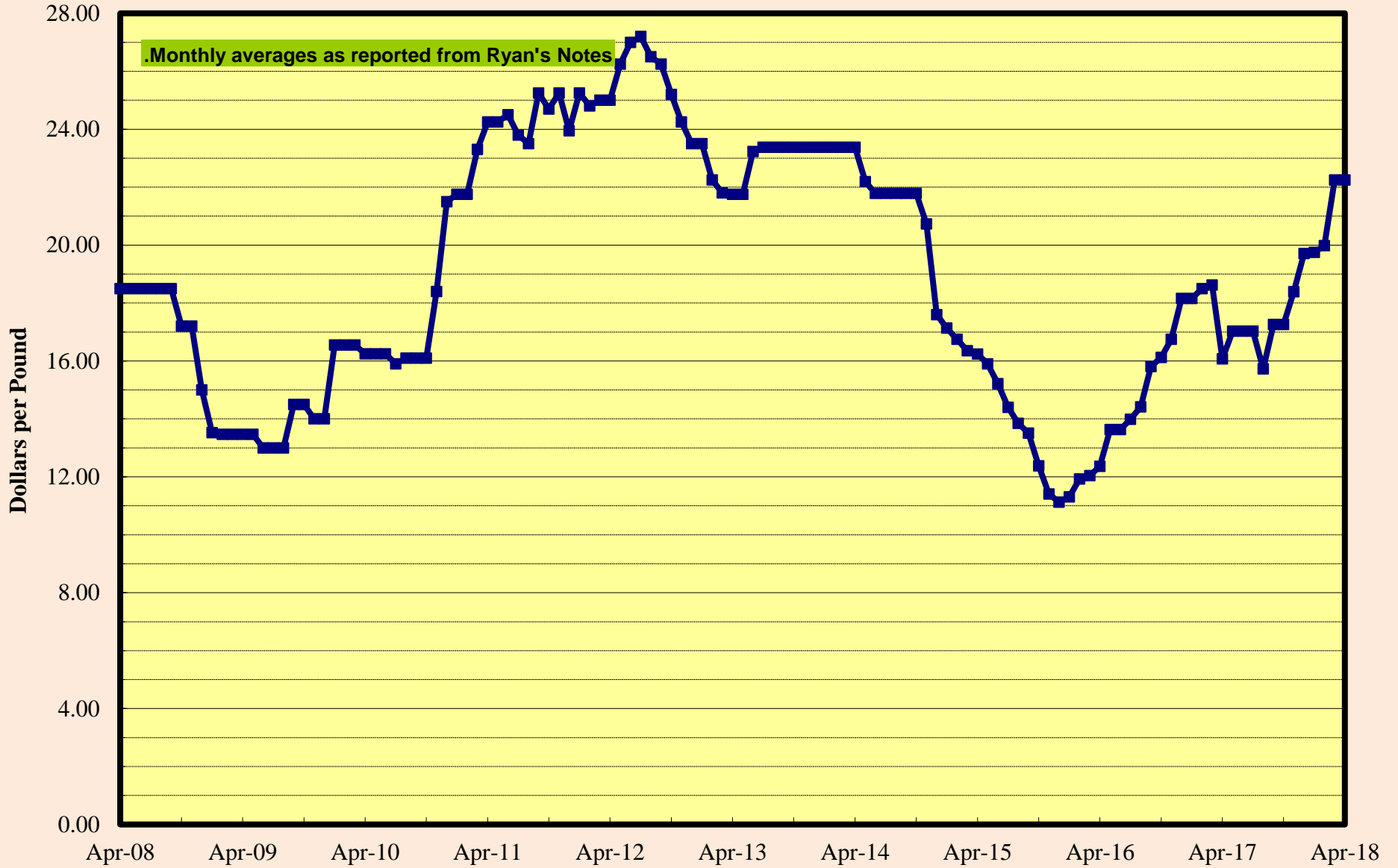
.Monthly averages as reported from Ryan's Notes



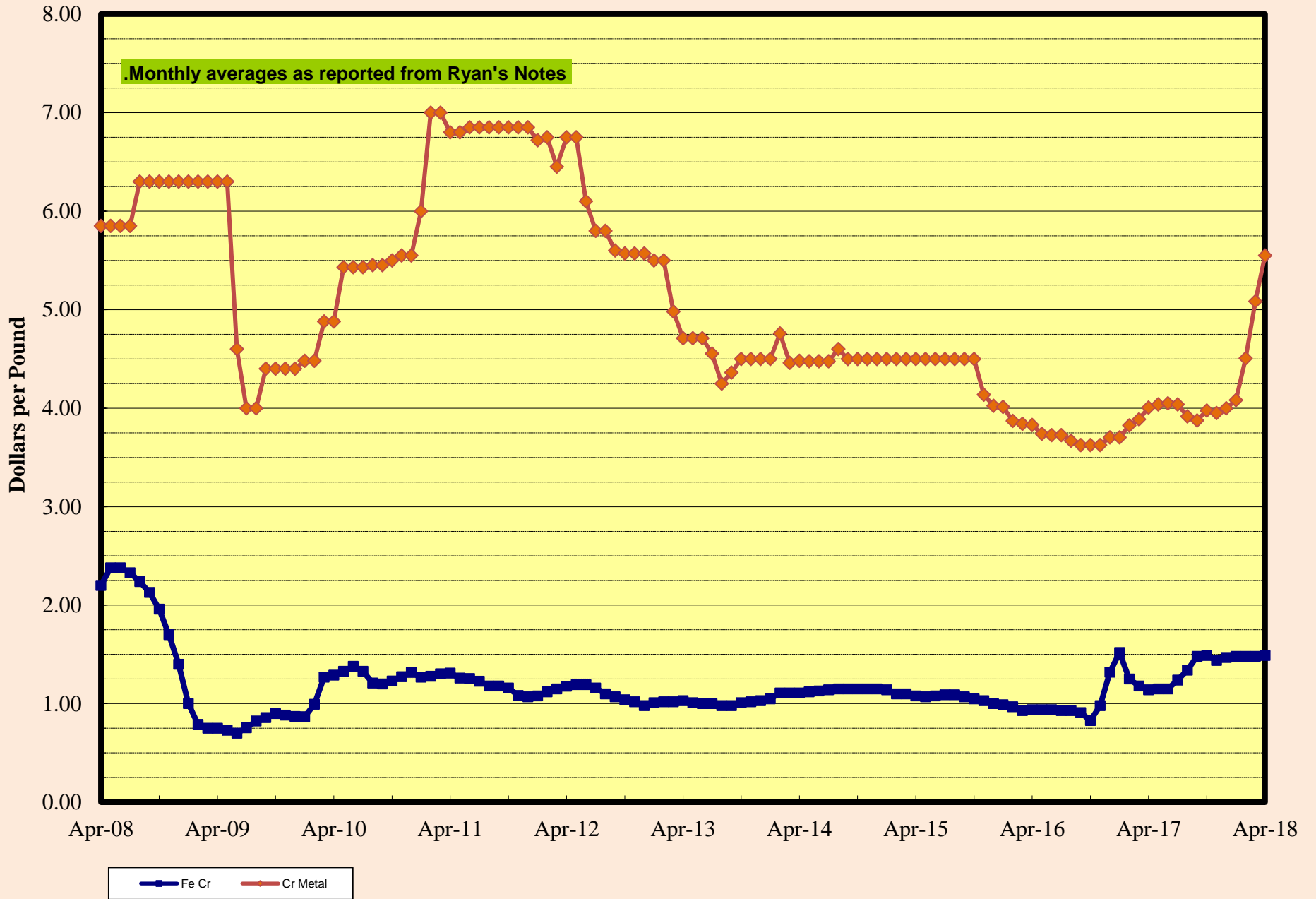
Dealer Nickel Prices



Chinese FerroTungsten Prices



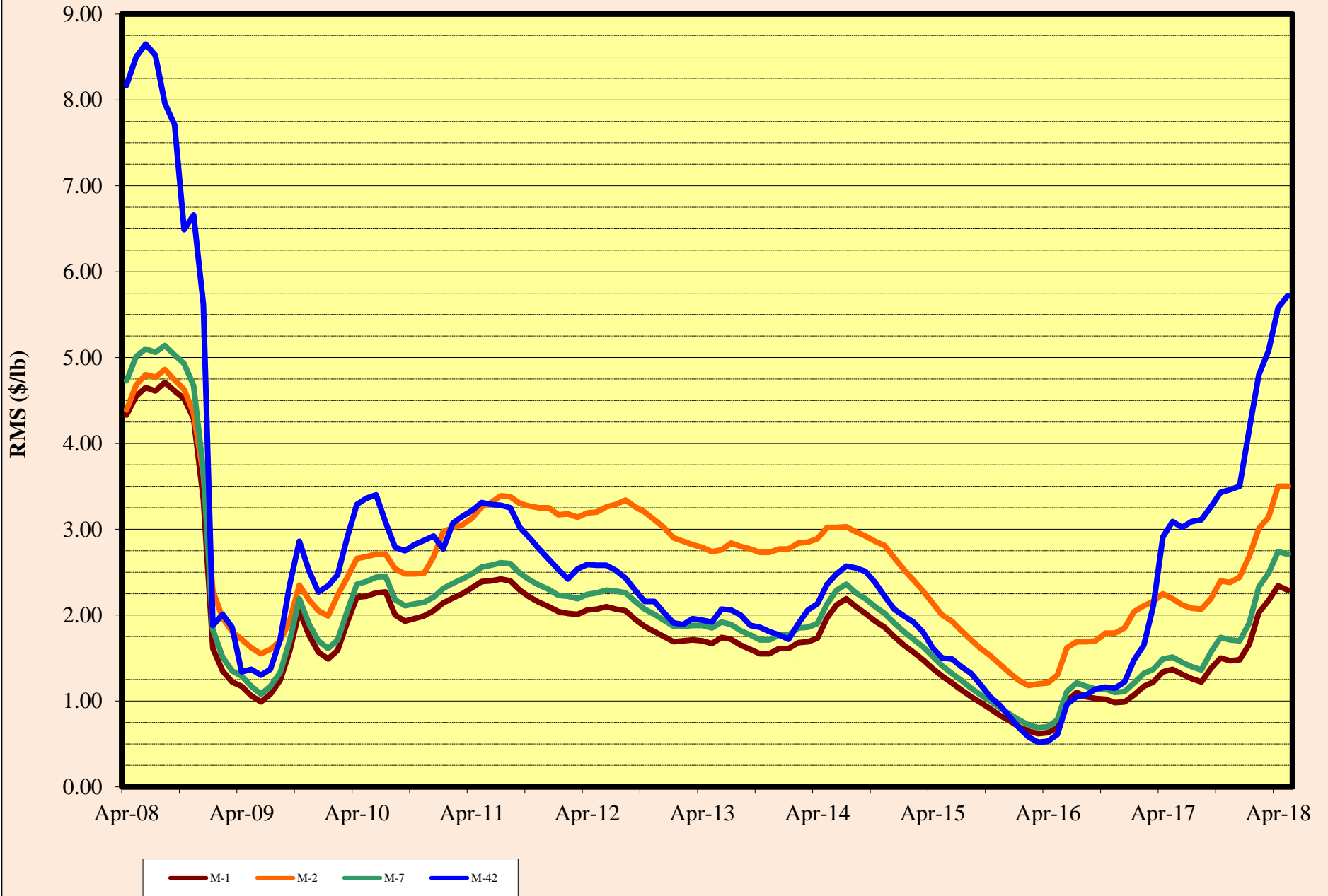
Chromium Prices



Iron Busheling Prices



Selective High Speed Steel Surcharges



Selective Die Steel Surcharges

