

**Latrobe Specialty Metals
Conversion Sales
Energy Surcharges (\$/lb) for September 2018**

Conversion

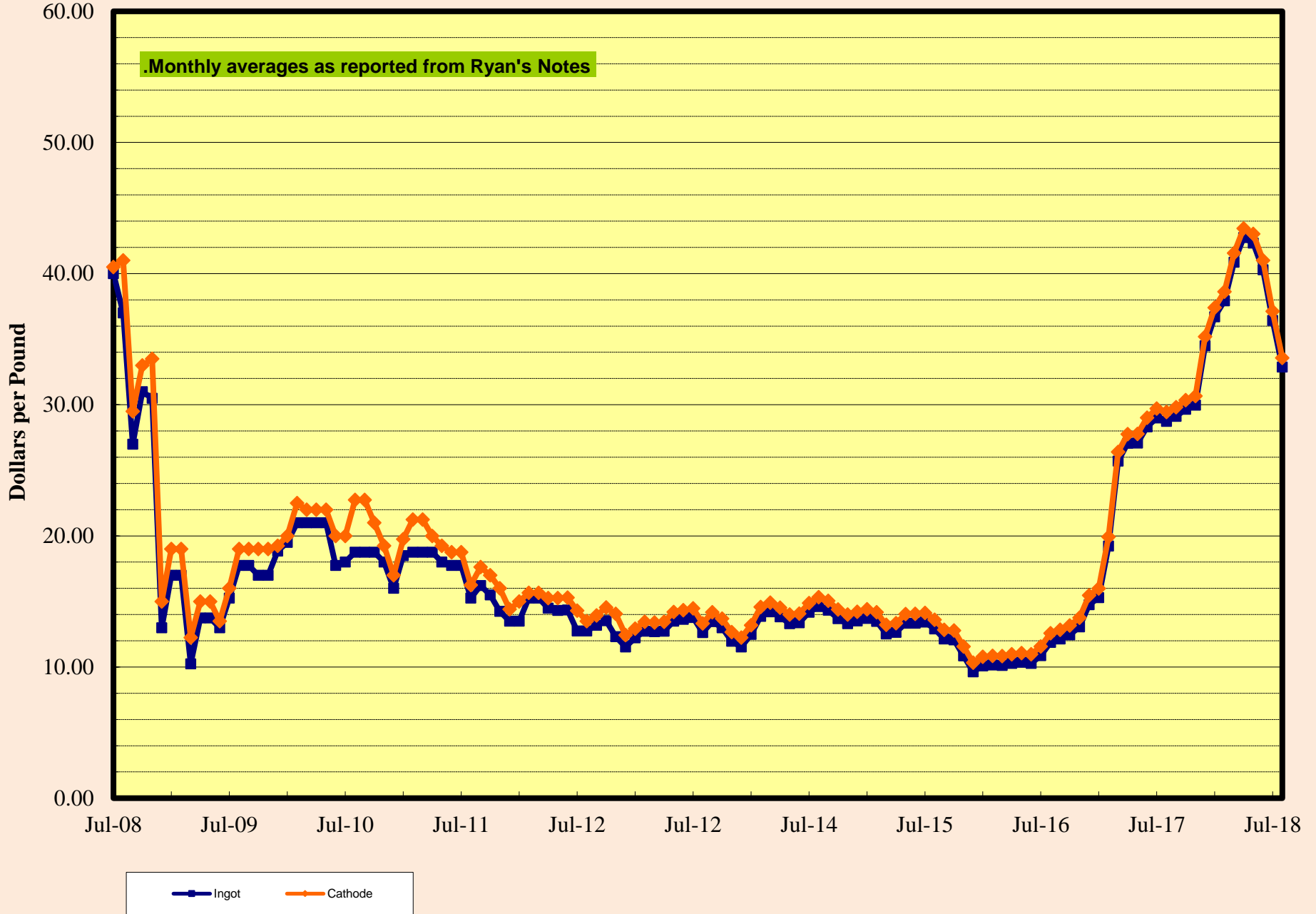
Non-Ti Air Cool	\$0.02
Non-Ti Fce Cool	\$0.03
General Ti	\$0.02
Special Processing	\$0.03
Machining Only	\$0.00
Remelt Only	\$0.00

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, Carpenter Technology Corporation 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.

9/4/2018

Cobalt Prices

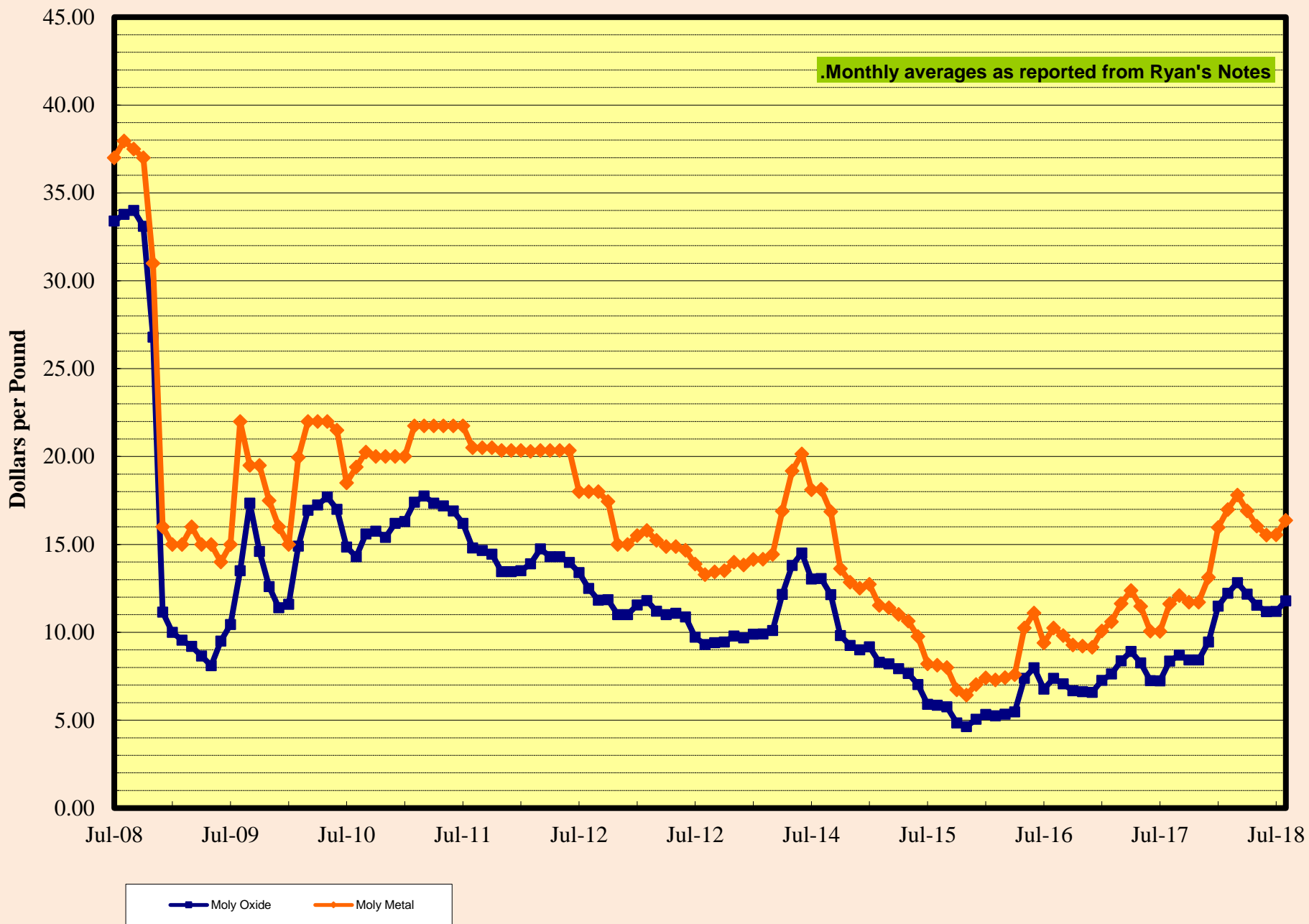


Ferro Vanadium Prices



.Monthly averages as reported from Ryan's Notes

Molybdenum Prices

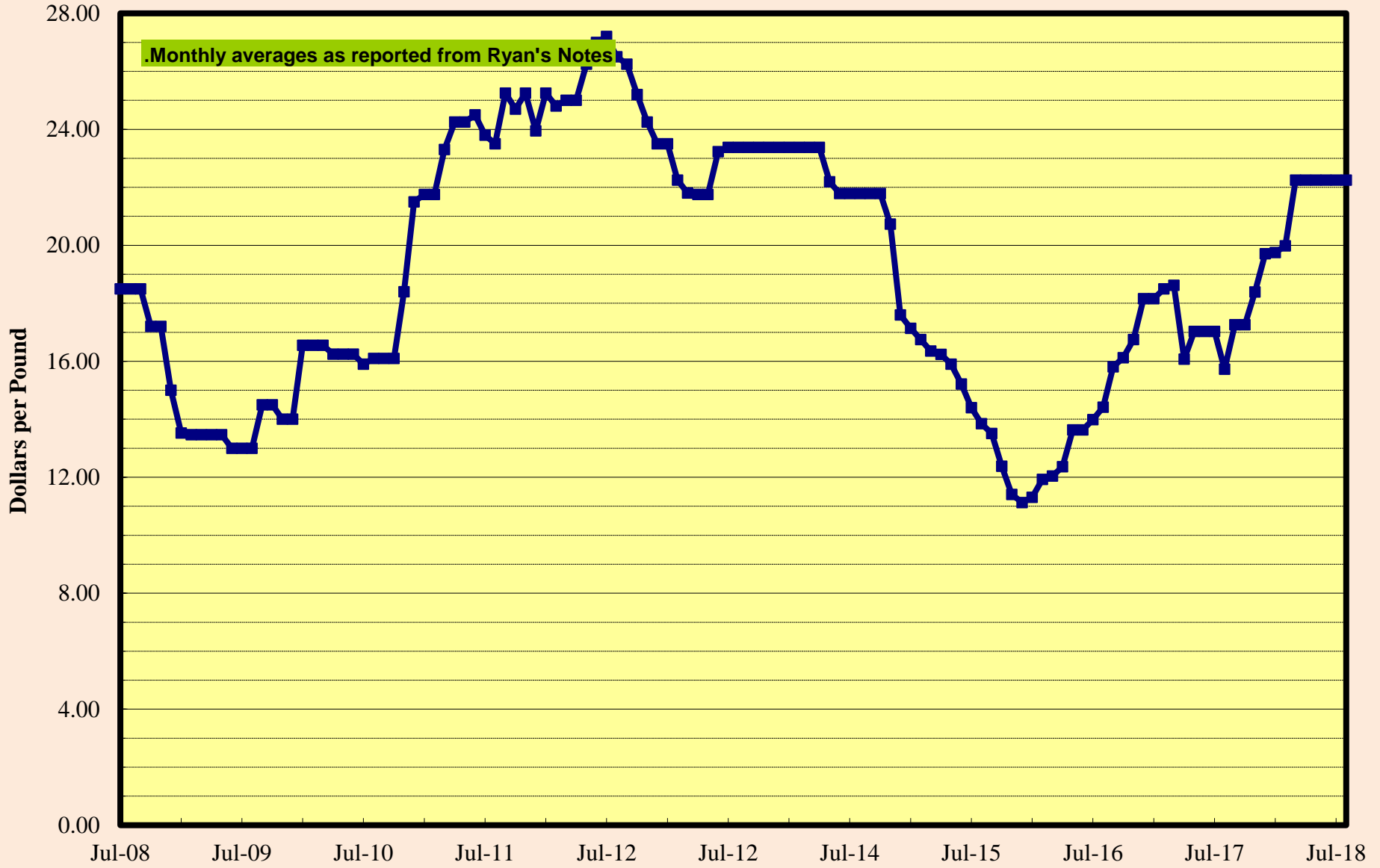


Dealer Nickel Prices

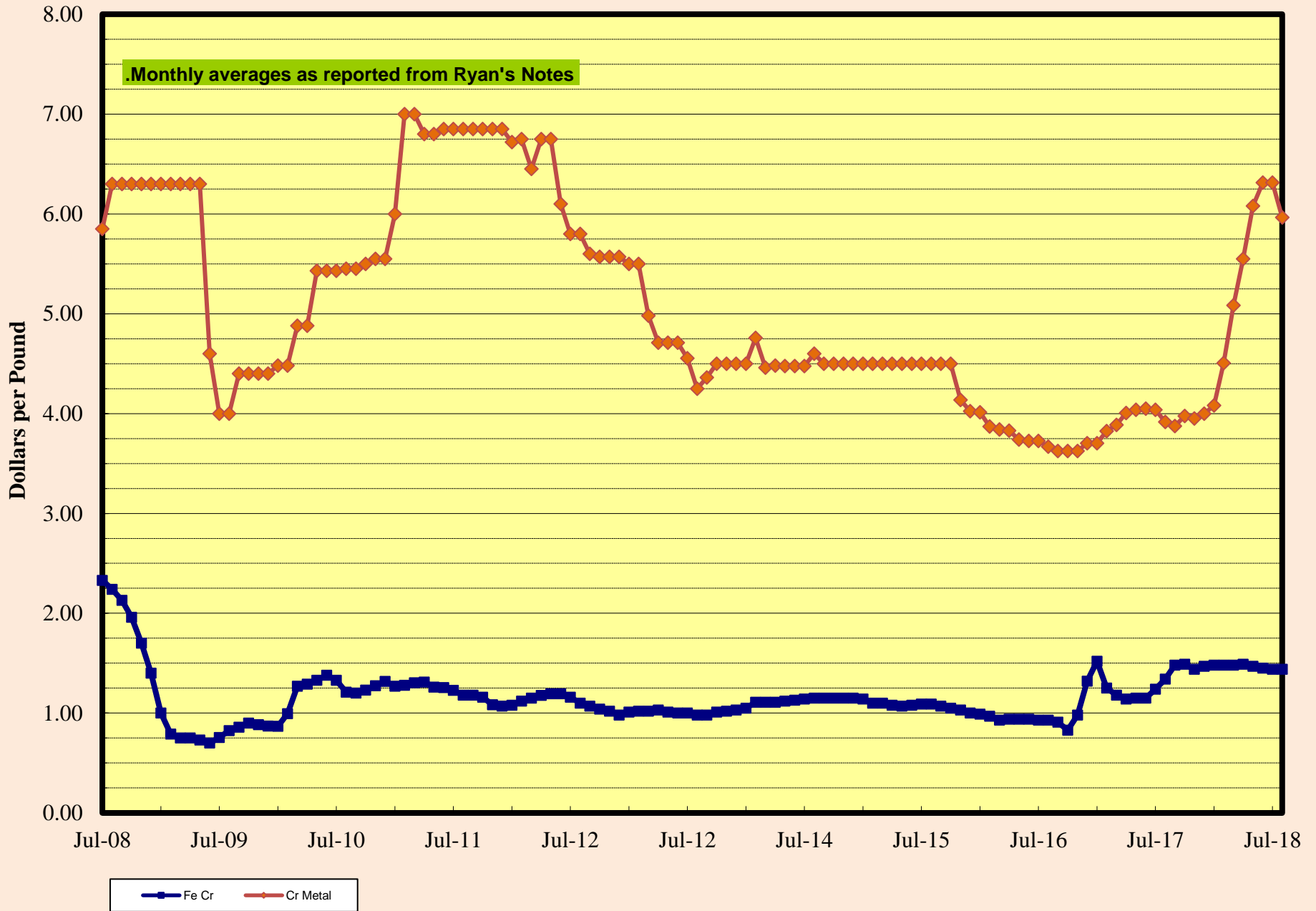


.Monthly averages as reported from Ryan's Notes

Chinese FerroTungsten Prices



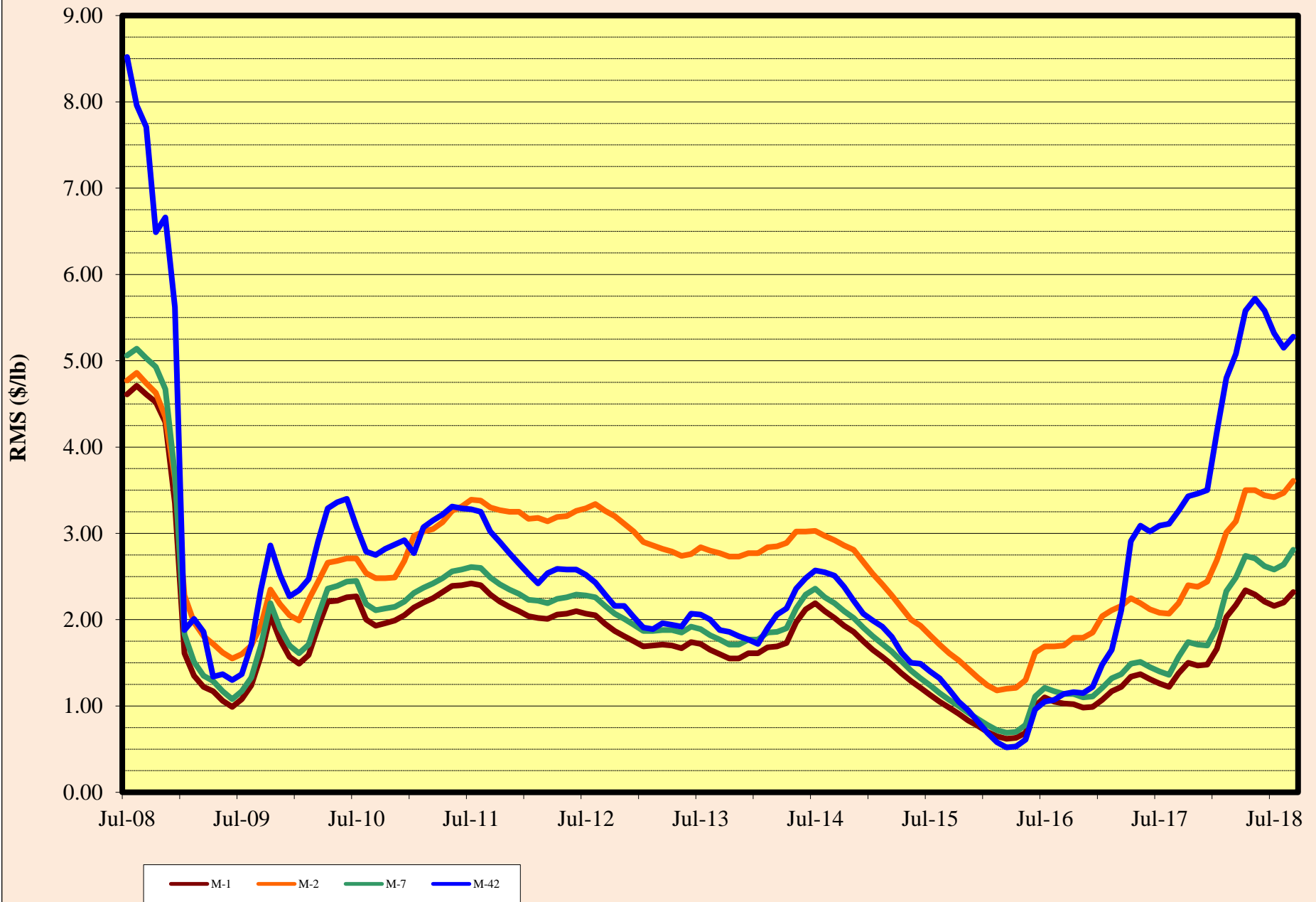
Chromium Prices



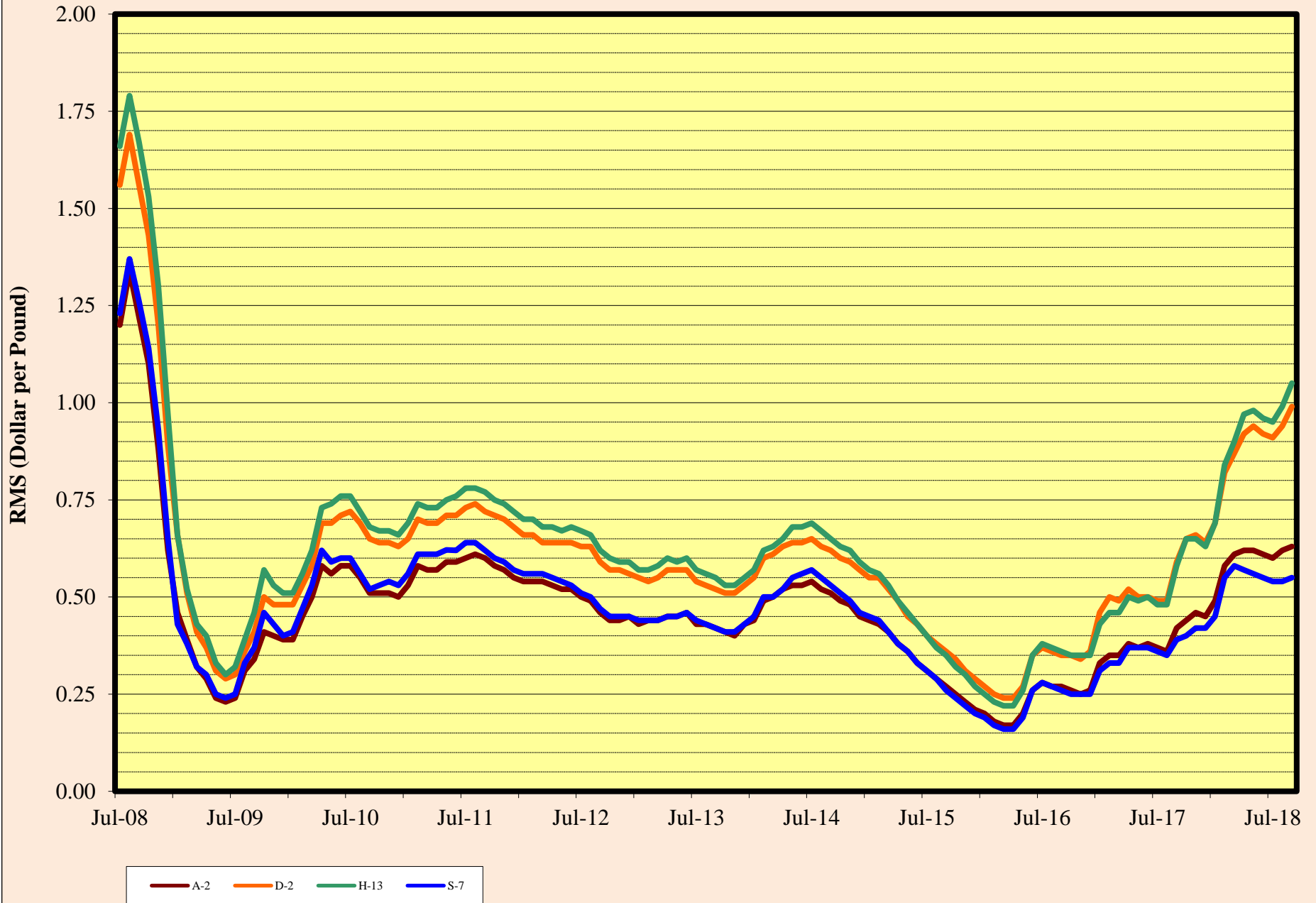
Iron Busheling Prices



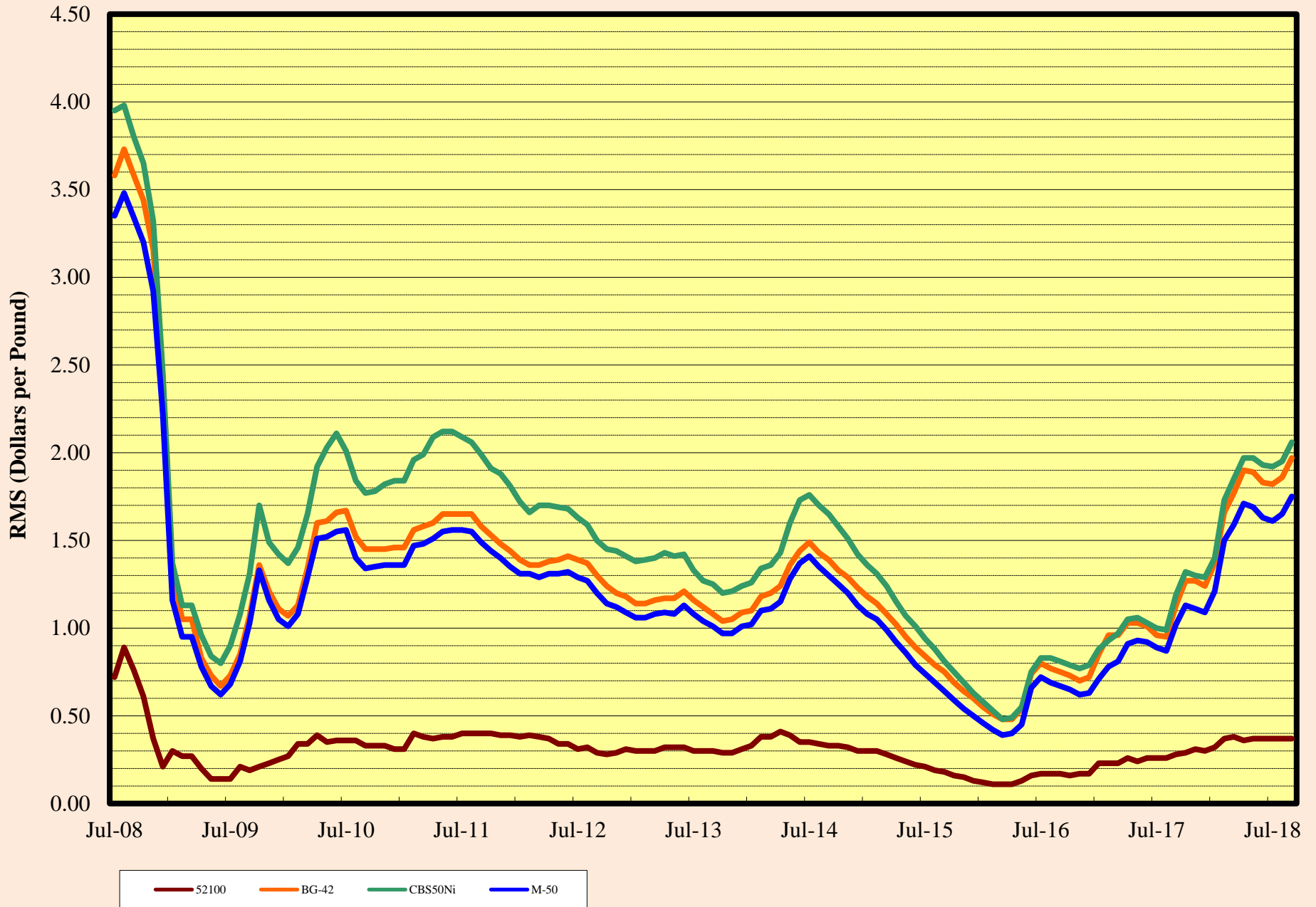
Selective High Speed Steel Surcharges



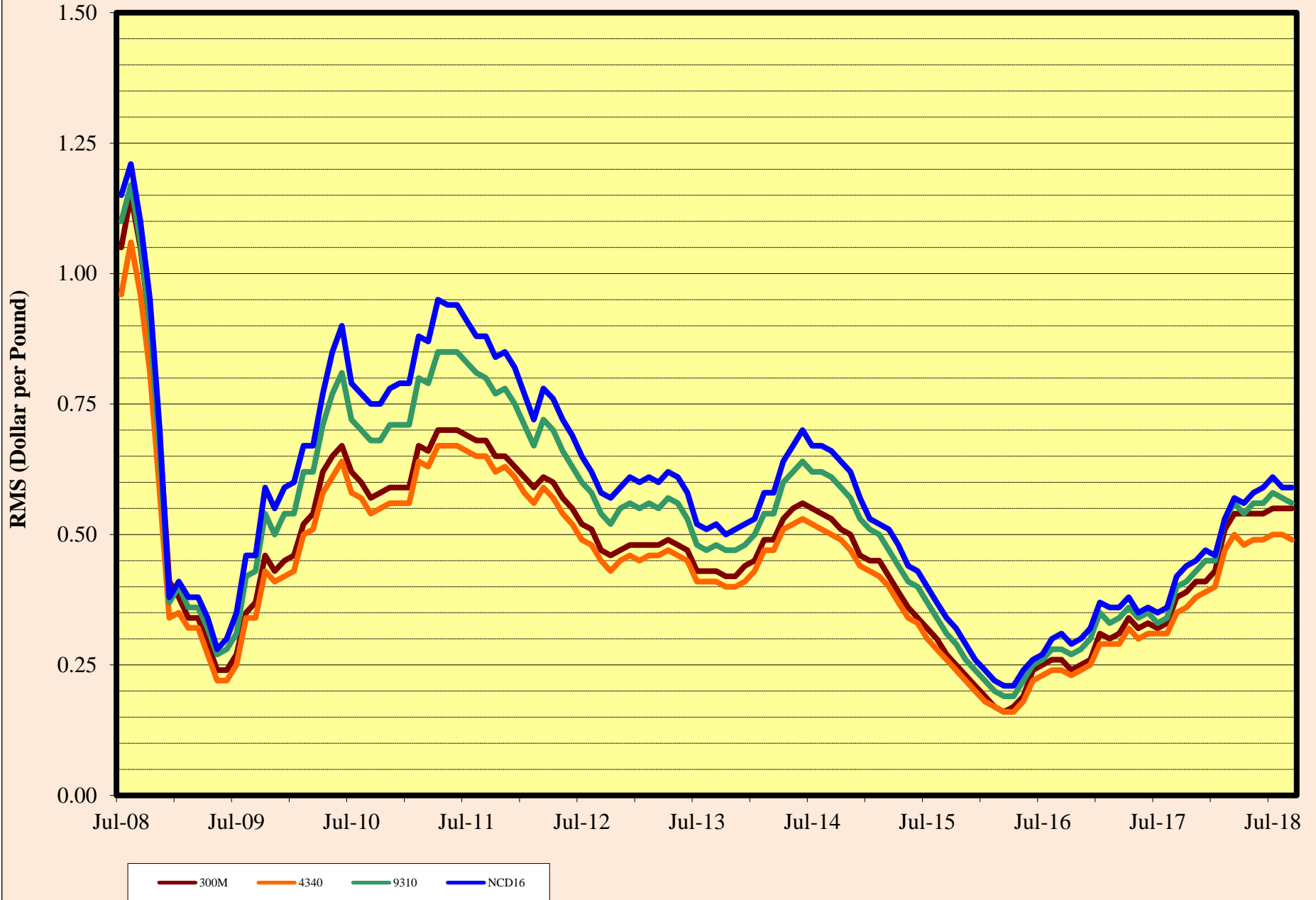
Selective Die Steel Surcharges



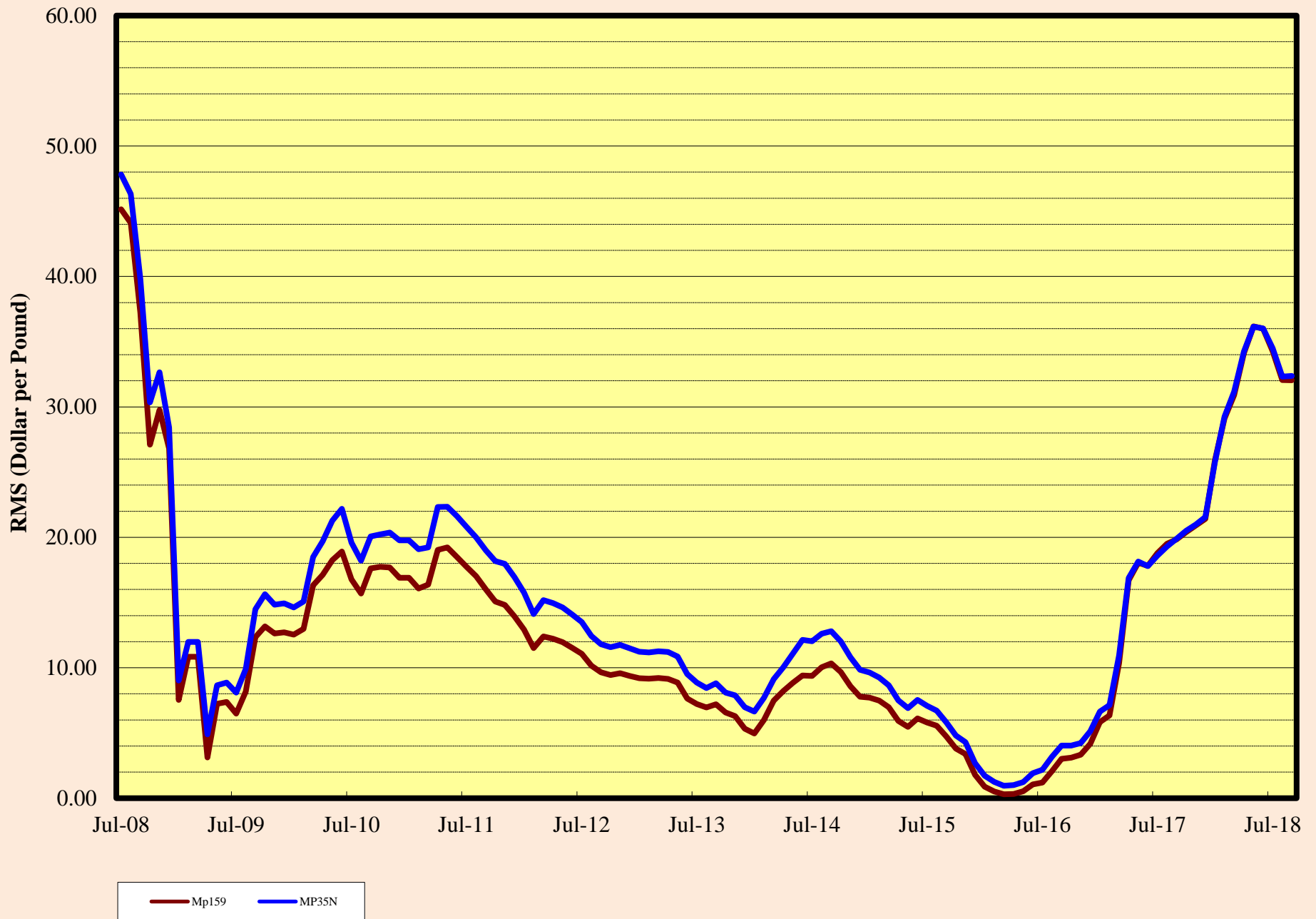
Selective Bearing Steel Surcharges



Selective Structural Alloy Surcharges



Selective High Temperature Alloy Surcharges



Selective Corrosion Resistant Alloy Surcharges

