

7052.0360 METAL CONVERSION FACTORS.

Metal	Conversion Factors	
	Acute	Chronic
Arsenic	1.000	1.000
Cadmium*	0.944	0.909
Chromium (III)	0.316	0.860
Chromium (VI)	0.982	0.962
Copper	0.960	0.960
Lead*	0.791	0.791
Mercury	0.85	N/A
Nickel	0.998	0.997
Silver	0.85	N/A
Zinc	0.978	0.986

*Conversion factors for cadmium and lead are hardness dependent. The values shown are for a hardness of 100 mg/L as calcium carbonate (CaCO₃). The methods for determining the conversion factors for cadmium and lead given the hardness are as follows:

Cadmium

Acute: Conversion Factor (CF) = $1.136672 - [\ln(\text{hardness}) (0.041838)]$

Chronic: CF = $1.101672 - [\ln(\text{hardness}) (0.041838)]$

Lead

Acute and Chronic: CF = $1.46203 - [\ln(\text{hardness}) (0.145712)]$

Statutory Authority: *MS s 115.03; 115.44*

History: *22 SR 1466*

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