



# International Magnesium Association (IMA) Report

## Primary Magnesium Shipments in Metric tons

### 2002 Year End

Area of Use	Area 1 U.S. & Canada	Area 2 Latin America	Area 3 Western Europe	Area 4 Africa & Mid- East	Area 5 Asia/ Oceania	Total:
<b>Category:</b>						
<b>Al. Alloying</b>						
a. Producers	29,815	2,014	21,848	952	1,514	<b>56,143</b>
b. CIS/PRC	<u>26,350</u>	<u>2,885</u>	<u>21,095</u>	<u>8,670</u>	<u>30,470</u>	<b>89,470</b>
c. Sub-Total	<b>56,165</b>	<b>4,899</b>	<b>42,943</b>	<b>9,622</b>	<b>31,984</b>	<b>145,613</b>
<b>Nodular Iron</b>						
a. Producers	511	0	10	0	0	<b>521</b>
b. CIS/PRC	<u>380</u>	<u>0</u>	<u>570</u>	<u>0</u>	<u>1,485</u>	<b>2,435</b>
c. Sub-Total	<b>891</b>	<b>0</b>	<b>580</b>	<b>0</b>	<b>1,485</b>	<b>2,956</b>
<b>Desulfurization</b>						
a. Producers	3,947	2,150	998	0	0	<b>7,095</b>
b. CIS/PRC	<u>23,750</u>	<u>2,500</u>	<u>20,050</u>	<u>340</u>	<u>3,650</u>	<b>50,290</b>
c. Sub-Total	<b>27,697</b>	<b>4,650</b>	<b>21,048</b>	<b>340</b>	<b>3,650</b>	<b>57,385</b>
<b>Metal Reduction</b>						
a. Producers	840	0	173	0	0	<b>1,013</b>
b. CIS/PRC	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<b>0</b>
c. Sub-Total	<b>840</b>	<b>0</b>	<b>173</b>	<b>0</b>	<b>0</b>	<b>1,013</b>
<b>Electro-Chemical</b>						
a. Producers	1,493	113	127	0	0	<b>1,733</b>
b. CIS/PRC	<u>0</u>	<u>0</u>	<u>2,300</u>	<u>0</u>	<u>1,150</u>	<b>3,450</b>
c. Sub-Total	<b>1,493</b>	<b>113</b>	<b>2,427</b>	<b>0</b>	<b>1,150</b>	<b>5,183</b>
<b>Chemical</b>						
a. Producers	1,705	0	517	0	64	<b>2,286</b>
b. CIS/PRC	<u>0</u>	<u>0</u>	<u>1,720</u>	<u>0</u>	<u>785</u>	<b>2,505</b>
c. Sub-Total	<b>1,705</b>	<b>0</b>	<b>2,237</b>	<b>0</b>	<b>849</b>	<b>4,791</b>
<b>Die Casting</b>						
a. Producers	48,109	3,392	27,942	0	3,595	<b>83,038</b>
b. CIS/PRC	<u>12,540</u>	<u>1,580</u>	<u>15,660</u>	<u>365</u>	<u>14,620</u>	<b>44,765</b>
c. Sub-Total	<b>60,649</b>	<b>4,972</b>	<b>43,602</b>	<b>365</b>	<b>18,215</b>	<b>127,803</b>
<b>Gravity Casting</b>						
a. Producers	217	0	181	0	0	<b>398</b>
b. CIS/PRC	<u>1,250</u>	<u>0</u>	<u>215</u>	<u>0</u>	<u>0</u>	<b>1,465</b>
c. Sub-Total	<b>1,467</b>	<b>0</b>	<b>396</b>	<b>0</b>	<b>0</b>	<b>1,863</b>
<b>Wrought Products</b>						
a. Producers	5,435	0	402	0	0	<b>5,837</b>
b. CIS/PRC	<u>2,975</u>	<u>0</u>	<u>210</u>	<u>0</u>	<u>0</u>	<b>3,185</b>
c. Sub-Total	<b>8,410</b>	<b>0</b>	<b>612</b>	<b>0</b>	<b>0</b>	<b>9,022</b>
<b>Other</b>						
a. Producers	119	5	311	0	175	<b>610</b>
b. CIS/PRC	<u>1,170</u>	<u>740</u>	<u>4,400</u>	<u>0</u>	<u>2,410</u>	<b>8,720</b>
c. Sub-Total	<b>1,289</b>	<b>745</b>	<b>4,711</b>	<b>0</b>	<b>2,585</b>	<b>9,330</b>
<b>Total</b>						
a. Producers	<b>92,191</b>	<b>7,674</b>	<b>52,509</b>	<b>952</b>	<b>5,348</b>	<b>158,674</b>
b. CIS/PRC	<u><b>68,415</b></u>	<u><b>7,705</b></u>	<u><b>66,220</b></u>	<u><b>9,375</b></u>	<u><b>54,570</b></u>	<u><b>206,285</b></u>
c. Total	<b>160,606</b>	<b>15,379</b>	<b>118,729</b>	<b>10,327</b>	<b>59,918</b>	<b>364,959</b>

The data for the exports of primary magnesium by the Commonwealth of Independent States (CIS) and the People's Republic of China (PRC) has been estimated by the primary producer participants in the IMA statistics program.

**\*Year End 2002 Primary Magnesium Production - 129,822 MT**

**\*2002 Ending Inventory - 18,834 MT**

\* Excludes the Commonwealth of Independent States and the People's Republic of China