



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

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