



Primary Magnesium Shipments

in Metric tons

1998

Area of Use	Area 1	Area 2	Area 3	Area 4	Area 5	
Category:	U.S. & Canada	Latin America	Western Europe	Africa & Mid-East	Asia/Oceania	Total:
Al. Alloying						
a. Producers	67,300	1,400	28,600	1,000	11,900	110,200
b. CIS/PRC	<u>13,800</u>	<u>1,300</u>	<u>9,300</u>	<u>1,600</u>	<u>18,200</u>	44,200
c. Sub-Total	81,100	2,700	37,900	2,600	30,100	154,400
Nodular Iron						
a. Producers	4,800	400	1,900	0	0	7,100
b. CIS/PRC	<u>1,000</u>	<u>0</u>	<u>1,700</u>	<u>0</u>	<u>1,500</u>	4,200
c. Sub-Total	5,800	400	3,600	0	1,500	11,300
Desulfurization						
a. Producers	13,300	300	5,900	0	0	19,500
b. CIS/PRC	<u>19,100</u>	<u>0</u>	<u>8,200</u>	<u>100</u>	<u>1,300</u>	28,700
c. Sub-Total	32,400	300	14,100	100	1,300	48,200
Metal Reduction						
a. Producers	3,000	0	1,000	0	0	4,000
b. CIS/PRC	<u>600</u>	<u>0</u>	<u>300</u>	<u>0</u>	<u>0</u>	900
c. Sub-Total	3,600	0	1,300	0	0	4,900
Electro-Chemical						
a. Producers	5,900	300	300	0	500	7,000
b. CIS/PRC	<u>1,000</u>	<u>0</u>	<u>1,000</u>	<u>200</u>	<u>800</u>	3,000
c. Sub-Total	6,900	300	1,300	200	1,300	10,000
Chemical						
a. Producers	1,100	0	1,900	0	2,100	5,100
b. CIS/PRC	<u>300</u>	<u>0</u>	<u>600</u>	<u>0</u>	<u>800</u>	1,700
c. Sub-Total	1,400	0	2,500	0	2,900	6,800
Die Casting						
a. Producers	62,600	3,400	27,400	200	3,300	96,900
b. CIS/PRC	<u>8,300</u>	<u>0</u>	<u>3,500</u>	<u>100</u>	<u>1,300</u>	13,200
c. Sub-Total	70,900	3,400	30,900	300	4,600	110,100
Gravity Casting						
a. Producers	500	0	1,500	0	0	2,000
b. CIS/PRC	<u>300</u>	<u>0</u>	<u>300</u>	<u>0</u>	<u>0</u>	600
c. Sub-Total	800	0	1,800	0	0	2,600
Wrought Products						
a. Producers	3,100	100	400	0	0	3,600
b. CIS/PRC	<u>300</u>	<u>0</u>	<u>300</u>	<u>0</u>	<u>300</u>	900
c. Sub-Total	3,400	100	700	0	300	4,500
Other						
a. Producers	3,200	700	900	0	500	5,300
b. CIS/PRC	<u>1,200</u>	<u>0</u>	<u>600</u>	<u>0</u>	<u>400</u>	2,200
c. Sub-Total	4,400	700	1,500	0	900	7,500
Total						
a. Producers	164,800	6,600	69,800	1,200	18,300	260,700
b. CIS/PRC	<u>45,900</u>	<u>1,300</u>	<u>25,800</u>	<u>2,000</u>	<u>24,600</u>	99,600
c. Sub-Total	210,700	7,900	95,600	3,200	42,900	360,300

(Note: the data for the exports of primary magnesium by the Commonwealth of Independent State and the Peoples' Republic of China has been estimated by the primary producers participants in the IMA statistics program. Beginning with the 4th Quarter of 1993, casting scrap tolled by the primary producers has been reported by them in both production and shipments.)

Primary Magnesium Production by World Zone (in Metric Tons)

Area 1: U.S. and Canada	All Other Areas	Total
183,200	88,900	272,100

1998 Ending Inventory 44,300 MT