

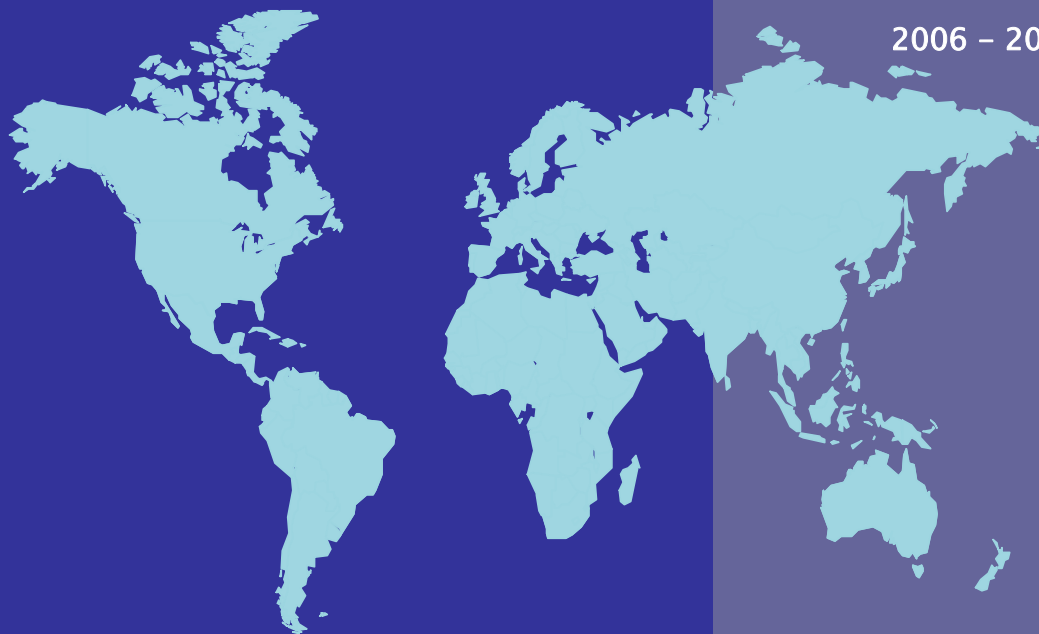
IMnI

2008

Public Report

World Overview

2006 – 2008



The International Manganese Institute

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Definitions

HC FeMn = High Carbon Ferromanganese (> 2% carbon)

Ref FeMn = Refined Ferromanganese (< 2% carbon)

SiMn = Silicomanganese

Apparent Consumption also referred to as "Demand", is defined as the total amount of product purchased by consumers or traders within a given period of time.

Saleable Production (Ore and Alloy) includes all agglomerates and concentrates but excludes intermediate products so as to avoid accounting for Mn units twice.

mt metric ton

HC FeMn (>2% C) Production and Apparent Consumption

(units in 000 metric tons)	2006	2006	2006	2006	2006	2007	2007	2007	2007	2007	2008	2008	2008	2008	2008
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Production (Supply)															
TOTAL EUROPE	202.7	201.2	227.2	215.3	846.4	215.5	217.9	233.0	247.5	913.9	249.1	247.4	233.0	116.1	845.7
AFRICA & MIDDLE EAST	133.6	140.3	116.4	116.2	506.5	130.1	95.3	103.1	114.9	443.3	109.5	111.4	71.7	76.6	369.1
AMERICAS	27.9	29.4	26.2	26.3	109.9	29.9	40.9	33.7	34.3	138.9	41.0	48.4	42.0	29.1	160.5
ASIA and OCEANIA	620.9	627.1	612.9	711.2	2572.1	723.2	741.3	759.6	785.7	3009.8	822.4	954.0	908.5	735.0	3419.9
TOTAL SUPPLY	985.1	998.1	982.7	1069.0	4034.9	1098.8	1095.4	1129.4	1182.3	4505.9	1222.0	1361.1	1255.2	956.8	4795.1
Apparent Consumption (Demand)															
TOTAL EUROPE	234.2	220.7	223.7	232.3	910.9	256.6	273.8	259.9	285.7	1075.9	262.7	263.0	259.4	143.9	928.9
AFRICA & MIDDLE EAST	58.8	88.0	44.7	54.7	246.2	57.9	64.9	51.3	52.9	227.1	67.3	81.6	81.9	41.6	272.3
AMERICAS	95.7	101.0	95.7	131.8	424.2	81.9	126.3	119.5	111.5	439.2	128.8	117.1	124.1	76.9	446.8
ASIA and OCEANIA	598.5	597.0	608.0	685.5	2489.0	704.2	659.9	728.5	750.2	2842.9	817.8	898.0	824.7	637.7	3178.2
TOTAL DEMAND	987.2	1006.8	972.1	1104.3	4070.3	1100.6	1124.9	1159.2	1200.4	4585.1	1276.6	1359.6	1290.1	900.1	4826.3

Ref FeMn (<2% C) Production and Apparent Consumption

(units in 000 metric tons)	2006	2006	2006	2006	2006	2007	2007	2007	2007	2007	2008	2008	2008	2008	2008
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Production (Supply)															
TOTAL EUROPE	69.1	68.6	66.0	63.7	267.4	64.1	64.4	61.1	58.3	247.9	62.3	62.3	63.2	37.0	224.8
AFRICA & MIDDLE EAST	41.5	41.2	30.9	44.5	158.1	41.9	46.2	46.9	43.4	178.3	36.7	28.0	41.9	44.8	151.4
AMERICAS	42.1	47.1	36.0	44.3	169.5	41.9	45.0	42.8	50.4	180.2	52.4	46.6	47.6	38.5	185.1
ASIA and OCEANIA	116.8	116.7	116.4	124.6	474.5	126.3	129.8	124.6	136.2	516.8	140.9	152.8	140.9	121.9	556.5
TOTAL SUPPLY	269.5	273.6	249.3	277.1	1069.5	274.1	285.4	275.4	288.3	1123.2	292.3	289.8	293.5	242.1	1117.7
Apparent Consumption (Demand)															
TOTAL EUROPE	74.8	90.6	60.5	72.4	298.3	80.0	76.1	71.3	82.9	310.2	79.2	81.6	89.5	53.4	303.7
AFRICA & MIDDLE EAST	13.8	10.5	11.7	13.7	49.7	14.3	13.4	12.0	12.8	52.6	14.1	13.3	14.8	7.0	49.2
AMERICAS	72.1	96.3	86.6	75.9	330.9	82.2	75.7	82.3	82.0	322.2	98.1	87.5	87.2	70.9	343.7
ASIA and OCEANIA	111.3	94.6	99.1	84.9	389.8	112.5	115.5	123.0	117.9	468.9	110.9	98.4	96.7	90.6	396.5
TOTAL DEMAND	272.0	291.9	257.9	246.8	1068.6	289.1	280.6	288.6	295.6	1153.9	302.3	280.8	288.2	221.9	1093.1

SiMn Production and Apparent Consumption

(units in 000 metric tons)	2006	2006	2006	2006	2006	2007	2007	2007	2007	2007	2008	2008	2008	2008	2008
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Production (Supply)															
TOTAL EUROPE	483.8	484.6	531.4	563.5	2063.3	584.5	570.8	552.0	522.8	2230.0	553.6	552.8	517.7	229.0	1853.1
AFRICA & MIDDLE EAST	64.8	77.8	72.1	74.6	289.4	84.3	87.4	85.5	91.7	348.8	78.8	82.7	79.3	53.9	294.8
AMERICAS	77.2	97.3	92.2	99.8	366.5	108.5	118.5	123.5	129.3	479.8	130.4	120.2	128.3	100.9	479.8
ASIA and OCEANIA	901.8	928.8	1037.9	1107.9	3976.4	1134.7	1192.6	1227.6	1266.3	4821.3	1321.0	1529.2	1369.4	1115.0	5334.6
TOTAL SUPPLY	1527.6	1588.5	1733.6	1845.8	6695.6	1912.0	1969.2	1988.7	2010.0	7879.9	2083.9	2284.9	2094.7	1498.8	7962.3
Apparent Consumption (Demand)															
TOTAL EUROPE	390.1	445.5	365.9	413.8	1615.3	557.8	522.6	486.0	438.7	2005.1	525.4	516.2	479.2	241.7	1762.5
AFRICA & MIDDLE EAST	68.7	63.5	83.0	101.7	316.9	91.4	105.3	109.1	103.9	409.6	89.1	96.0	91.0	50.8	326.9
AMERICAS	167.0	201.1	205.1	229.7	802.9	177.5	236.7	242.5	255.2	911.9	231.1	257.1	197.3	166.5	852.0
ASIA and OCEANIA	875.6	905.8	998.0	1061.6	3841.0	1070.8	1147.8	1121.7	1138.7	4479.1	1302.5	1397.7	1259.9	969.7	4929.8
TOTAL DEMAND	1501.3	1615.9	1652.1	1806.7	6576.1	1897.5	2012.4	1959.2	1936.4	7805.6	2148.2	2267.1	2027.4	1428.6	7871.3

Mn Ore Wet Production by Grade

(units in 000 metric tons)	2006	2006	2006	2006	2006	2007	2007	2007	2007	2007	2008	2008	2008	2008	2008
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
GRADE with ≥ 44% Mn content															
TOTAL EUROPE	3.1	1.4	1.4	0.0	5.9	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
AFRICA & MIDDLE EAST	1596.3	1815.0	1710.4	1697.3	6819.0	1571.5	1947.9	1815.6	1905.0	7239.9	1845.8	1973.1	1913.6	1893.6	7626.1
AMERICAS	448.3	385.6	441.6	433.5	1708.9	432.7	681.9	171.8	238.7	1525.1	550.9	604.0	671.6	468.8	2295.2
ASIA and OCEANIA	1029.9	980.0	1291.7	1129.0	4430.7	1204.2	1175.7	1210.0	1316.8	4906.7	1185.0	1369.9	1313.9	1110.0	4978.8
TOTAL	3077.6	3182.0	3445.1	3259.7	12964.5	3208.4	3805.5	3197.5	3460.5	13671.8	3581.7	3947.0	3899.0	3472.4	14900.1
GRADE with > 30% and < 44% Mn content															
TOTAL EUROPE	628.7	847.3	902.1	914.4	3292.5	909.4	976.2	856.3	892.7	3634.5	884.1	1065.8	1036.3	427.5	3413.7
AFRICA & MIDDLE EAST	296.0	380.0	428.0	660.0	1764.0	562.1	423.6	363.9	586.3	1935.9	745.0	754.4	829.8	664.6	2993.7
AMERICAS	253.7	268.8	227.3	140.5	890.3	131.6	145.2	121.9	83.2	481.9	228.3	289.1	229.7	104.3	851.3
ASIA and OCEANIA	501.0	505.6	520.0	561.9	2088.5	542.0	578.9	536.3	603.6	2260.8	594.2	693.8	809.3	770.6	2867.9
TOTAL	1679.3	2001.7	2077.4	2276.8	8035.3	2145.0	2124.0	1878.3	2165.9	8313.1	2451.6	2803.1	2905.1	1966.9	10126.6
GRADE with ≤ 30% Mn content															
TOTAL EUROPE	50.5	79.5	70.9	60.3	261.3	60.3	60.3	78.6	77.3	276.5	53.8	73.1	67.8	45.2	239.8
AFRICA & MIDDLE EAST	362.8	341.7	436.3	497.0	1637.8	485.7	485.7	485.7	485.7	1942.9	306.2	306.2	195.3	195.3	1002.8
AMERICAS	75.3	64.6	73.9	65.9	279.6	50.5	85.5	21.1	23.7	180.8	24.2	64.0	77.2	51.7	217.1
ASIA and OCEANIA	2800.0	2700.0	2700.0	2800.0	11000.0	3000.0	4000.0	4000.0	3000.0	14000.0	4000.0	5000.0	5000.0	5000.0	19000.0
TOTAL	3288.6	3185.8	3281.1	3423.2	13178.7	3596.5	4631.5	4585.4	3586.7	16400.2	4384.1	5443.3	5340.2	5292.2	20459.8
TOTAL (all grades)	8045.6	8369.6	8803.6	8959.7	34178.4	8949.9	10561.0	9661.2	9213.0	38385.1	10417.4	12193.3	12144.3	10731.5	45486.5

Mn Ore (Mn Content) Production and Apparent Consumption

(units in 000 metric tons)	2006	2006	2006	2006	2006	2007	2007	2007	2007	2007	2008	2008	2008	2008	2008
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Production (Supply)															
TOTAL EUROPE	217.9	295.1	309.8	310.2	1132.9	308.7	328.7	294.5	305.0	1236.9	294.9	367.5	410.6	172.4	1245.6
AFRICA & MIDDLE EAST	973.3	1104.0	1101.6	1193.3	4372.2	1096.3	1220.2	1130.7	1263.7	4710.9	1239.3	1302.1	1271.2	1195.5	5008.2
AMERICAS	331.2	307.3	324.0	285.1	1247.6	271.7	411.3	130.6	148.3	961.9	331.7	398.5	432.2	264.0	1426.4
ASIA and OCEANIA	1216.7	1163.9	1308.3	1263.8	4952.8	1345.7	1546.6	1544.2	1418.2	5854.7	1468.8	1770.5	1784.2	1701.1	6724.6
TOTAL SUPPLY	2739.1	2870.3	3043.7	3052.5	11705.6	3022.4	3506.8	3100.0	3135.2	12764.4	3334.8	3838.6	3898.2	3333.0	14404.7
Apparent Consumption (Demand)															
TOTAL EUROPE	588.3	710.4	682.2	715.6	2696.5	763.1	747.7	667.6	639.6	2818.0	758.7	992.8	914.7	558.7	3224.9
AFRICA & MIDDLE EAST	205.4	214.2	181.0	208.3	808.9	205.9	270.7	222.9	201.0	900.5	210.6	165.8	192.7	171.7	740.9
AMERICAS	374.2	126.2	143.6	215.7	859.6	487.0	200.2	190.8	347.1	1225.1	217.3	254.9	201.3	79.2	752.6
ASIA and OCEANIA	1413.9	1651.7	1753.7	1709.2	6528.6	1650.9	1839.3	2035.9	1927.6	7453.7	2044.5	2269.9	2201.2	2055.9	8571.4
TOTAL DEMAND	2581.8	2702.5	2760.4	2848.8	10893.5	3106.8	3058.0	3117.1	3115.3	12397.3	3231.1	3683.4	3510.0	2865.5	13289.9

COUNTRY GROUPINGS

Manganese Ore and Alloy Consumption and Production Country Groupings (for reports free to public)

Country Level Detail visible to IMnl staff only	Visible to Public Regions	Country Level Detail visible to IMnl staff only	Visible to Public Regions
Albania Austria Azerbaijan Belarus Belgium Bosnia Bulgaria Croatia Czech Republic Denmark Finland France Georgia Germany Greece Hungary Iceland Ireland Italy Kazakhstan Luxembourg Moldova Netherlands Norway Poland Portugal Romania Russia Serbia and Montenegro Macedonia Slovakia Slovenia Spain Sweden Switzerland Ukraine United Kingdom Uzbekistan	ALL EUROPE	Algeria Bahrain Egypt Ghana Iraq Iran Israel Jordan Kenya Lybia Mauritius Morroco Namibia Nigeria Qatar Republic of Congo Saudi Arabia South Africa Syria Tunisia Turkey UAE Uganda Zimbabwe	AFRICA & MIDDLE EAST
Argentina Brazil Canada Chile Columbia Cuba Dominican Republic Ecuador El Salvador Guatemala Mexico Paraguay Peru Trinidad and Tabago Uruguay USA Venezuela	AMERICAS	Afghanistan Australia Bangladesh China Hong Kong India Indonesia Japan Malaysia Myanmar (Burma) New Zealand North Korea Pakistan Phillippines Singapore South Korea Sri Lanka Taiwan Thailand Vietnam	ASIA AND OCEANIA

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