

# Mineral Industry Surveys

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## SILICON IN APRIL, MAY, AND JUNE 2008

Preliminary data during the quarter ending June 30, 2008, indicate that domestic production and net shipments of silicon ferroalloys, on a gross-weight basis, increased by 5% and 3%, respectively, compared with those of the first quarter 2008. Production and net shipments during the first half of 2008 increased by 4% and 3%, respectively compared with the revised amounts during the same period in 2007, according to the U.S. Geological Survey. Production-related statistics for silicon metal were concealed to avoid disclosing company proprietary data.

U.S. ferrosilicon and silicon metal exports during the 3-month period ending May 31, 2008, were 9% and 29% higher,

respectively, than those during the same period in the previous year. U.S. ferrosilicon and silicon metal imports during the 3-month period ending May 31, 2008, were 10% and 27% higher, respectively, than those during the same period in the previous year.

### Update

Prices for silicon materials, in cents per pound, silicon content, are listed below.

### 50% ferrosilicon prices<sup>1</sup>

<u>Month</u>	<u>Price Range</u>	<u>Average Price</u>
April 2008	105.00-115.00	106.25-108.75
May 2008	115.00-145.00	125.00-132.00
June 2008	150.00-155.00	150.00-155.00

### 75% ferrosilicon prices<sup>2</sup>

<u>Month</u>	<u>Price Range</u>	<u>Average Price</u>
April 2008	100.00-107.00	100.00-105.50
May 2008	104.00-145.00	120.40-127.00
June 2008	145.00-155.00	146.25-155.00

### Silicon metal prices<sup>2</sup>

<u>Month</u>	<u>Price Range</u>	<u>Average Price</u>
April 2008	165.00-185.00	166.25-183.75
May 2008	163.00-175.00	163.40-174.00
June 2008	163.00-170.00	163.00-170.00

<sup>1</sup>Source: Ryan's Notes, North American transaction price.

<sup>2</sup>Source: Platts Metals Week, dealer import price.

TABLE 1  
U.S. PRODUCTION, SHIPMENTS, AND PRODUCER STOCKS OF SILICON ALLOYS AND METAL IN 2008<sup>1,2,3</sup>

(Metric tons)

Material	Gross production <sup>4</sup>				Net shipments				Stocks		
	April	May	June	Year to date	April	May	June	Year to date	April	May	June
Ferrosilicon, all grades <sup>5,6</sup>	24,800	25,100	23,600	143,000	20,200	18,300	19,700	114,000	21,500	23,400	22,800
Silicon metal, excludes semiconductor grades	W	W	W	W	W	W	W	W	W	W	W

W Withheld to avoid disclosing company proprietary data.

<sup>1</sup>Data are rounded to no more than three significant digits.

<sup>2</sup>Includes U.S. Geological Survey estimates.

<sup>3</sup>Data for silvery pig iron (less than 25% silicon) withheld to avoid disclosing company proprietary data.

<sup>4</sup>Includes in-plant consumption, as in production of magnesium ferrosilicon and other miscellaneous alloys.

<sup>5</sup>Ferrosilicon categories were aggregated to avoid disclosing company proprietary data.

<sup>6</sup>Includes miscellaneous silicon alloys and other silicon products.

TABLE 2  
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN MARCH 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Ferrosilicon:						
More than 55% silicon:						
Brazil	--	--	--	17	10	\$31,400
Canada	522	313	\$724,000	1,420	853	1,930,000
Colombia	--	--	--	15	11	21,500
Costa Rica	--	--	--	1	1	5,010
Honduras	--	--	--	1	1	3,210
Japan	45	(3)	44,700	45	(3)	44,700
Malaysia	11	8	15,600	22	15	31,200
Mexico	83	50	137,000	387	232	631,000
Total	660	371	922,000	1,910	1,120	2,700,000
Other ferrosilicon:						
Belgium	--	--	--	40	22	60,600
Canada	93	46	151,000	415	208	837,000
Colombia	--	--	--	23	10	31,600
Germany	--	--	--	13	7	8,280
Ireland	8	4	10,700	13	7	16,000
Italy	--	--	--	16	9	30,200
Mexico	101	51	155,000	228	114	352,000
Total	202	101	317,000	749	376	1,340,000
Total ferrosilicon	862	472	1,240,000	2,660	1,500	4,040,000

See footnotes at end of table.

TABLE 2--Continued  
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN MARCH 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Metal:</b>						
Over 99.99% silicon:						
Canada	119	XX	\$8,240,000	140	XX	\$9,650,000
China	292	XX	38,200,000	830	XX	110,000,000
Finland	35	XX	5,330,000	66	XX	8,570,000
Germany	318	XX	23,500,000	852	XX	53,200,000
Japan	823	XX	69,900,000	2,270	XX	198,000,000
Korea, Republic of	112	XX	8,220,000	344	XX	25,300,000
Malaysia	16	XX	2,610,000	34	XX	6,110,000
Norway	338	XX	17,800,000	992	XX	53,800,000
Taiwan	80	XX	6,880,000	337	XX	25,400,000
United Kingdom	13	XX	1,870,000	52	XX	5,850,000
Other (27 countries)	72	XX	17,100,000	170	XX	25,400,000
Total	2,220	2,220 <sup>c</sup>	200,000,000	6,080	6,080 <sup>c</sup>	521,000,000
99.00% - 99.99% silicon:						
China	2	2	2,570	380	376	1,110,000
Dominican Republic	13	13	17,800	13	13	17,800
Germany	--	--	--	3	3	3,900
Israel	--	--	--	6	6	8,400
Italy	--	--	--	13	13	17,900
Japan	8	8	11,000	15	15	21,700
Singapore	--	--	--	28	28	58,000
Taiwan	2	2	3,360	2	2	3,360
Turkey	--	--	--	11	11	15,600
United Kingdom	13	13	18,900	13	13	18,900
Other (2 countries)	1	1	3,540	3	3	6,460
Total	39	38	57,200	487	483	1,290,000
Other silicon:						
Argentina	--	--	--	45	44	59,900
Canada	1	1	3,170	157	152	168,000
China	179	173	954,000	1,210	1,180	2,360,000
France	21	21	28,200	24	23	31,800
Germany	(3)	(3)	5,190	60	59	84,200
Japan	191	184	746,000	715	694	1,440,000
Korea, Republic of	13	12	31,300	243	236	335,000
Netherlands	--	--	--	110	105	828,000
Taiwan	69	67	102,000	451	438	871,000
United Kingdom	21	20	27,700	21	20	27,700
Other (10 countries)	16	16	48,300	45	44	157,000
Total	512	495	1,950,000	3,080	2,990	6,360,000
Total silicon metal	2,770	2,750	202,000,000	9,650	9,560	529,000,000

<sup>c</sup>Estimated. XX Not applicable. -- Zero.

<sup>1</sup>Countries listed are the leading exporters in terms of year-to-date quantities (gross weight).

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 2A  
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN APRIL 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Ferrosilicon:</b>						
<b>More than 55% silicon:</b>						
Brazil	--	--	--	17	10	\$31,400
Canada	818	491	\$1,360,000	2,240	1,340	3,290,000
Colombia	7	5	11,000	22	16	32,400
Costa Rica	1	1	5,010	3	2	10,000
Honduras	--	--	--	1	1	3,210
Japan	--	--	--	45	(3)	44,700
Malaysia	--	--	--	22	15	31,200
Mexico	569	377	1,180,000	956	609	1,810,000
<b>Total</b>	<b>1,400</b>	<b>873</b>	<b>2,560,000</b>	<b>3,310</b>	<b>2,000</b>	<b>5,260,000</b>
<b>Other ferrosilicon:</b>						
Belgium	60	30	90,900	100	52	152,000
Canada	102	51	237,000	517	259	1,070,000
Colombia	12	6	21,600	35	16	53,200
Germany	85	42	145,000	98	50	153,000
Ireland	--	--	--	13	7	16,000
Italy	--	--	--	16	9	30,200
Mexico	101	50	153,000	328	164	505,000
<b>Total</b>	<b>360</b>	<b>179</b>	<b>647,000</b>	<b>1,110</b>	<b>556</b>	<b>1,980,000</b>
<b>Total ferrosilicon</b>	<b>1,760</b>	<b>1,050</b>	<b>3,200,000</b>	<b>4,420</b>	<b>2,550</b>	<b>7,240,000</b>

See footnotes at end of table.

TABLE 2A--Continued  
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN APRIL 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Metal:</b>						
<b>Over 99.99% silicon:</b>						
Canada	19	XX	\$1,310,000	159	XX	\$11,000,000
China	191	XX	18,600,000	1,020	XX	128,000,000
Finland	29	XX	5,940,000	95	XX	14,500,000
Germany	300	XX	15,200,000	1,150	XX	68,400,000
Japan	684	XX	63,100,000	2,950	XX	261,000,000
Korea, Republic of	83	XX	7,250,000	426	XX	32,600,000
Netherlands	29	XX	12,600,000	51	XX	20,800,000
Norway	333	XX	17,700,000	1,330	XX	71,600,000
Taiwan	108	XX	7,950,000	445	XX	33,400,000
United Kingdom	10	XX	1,560,000	62	XX	7,420,000
Other (29 countries)	53	XX	7,990,000	235	XX	31,400,000
<b>Total</b>	<b>1,840</b>	<b>1,840<sup>e</sup></b>	<b>159,000,000</b>	<b>7,920</b>	<b>7,920<sup>e</sup></b>	<b>680,000,000</b>
<b>99.00% - 99.99% silicon:</b>						
China	28	28	46,900	408	404	1,160,000
Dominican Republic	--	--	--	13	13	17,800
Germany	3	3	4,500	6	6	8,400
Hong Kong	30	30	89,400	30	30	89,400
Italy	--	--	--	13	13	17,900
Japan	--	--	--	15	15	21,700
Korea, Republic of	15	15	21,000	15	15	21,000
Singapore	--	--	--	28	28	58,000
Turkey	--	--	--	11	11	15,600
United Kingdom	--	--	--	13	13	18,900
Other (4 countries)	3	3	7,060	14	14	25,300
<b>Total</b>	<b>80</b>	<b>79</b>	<b>169,000</b>	<b>567</b>	<b>562</b>	<b>1,450,000</b>
<b>Other silicon:</b>						
Argentina	5	5	10,200	51	49	70,100
Canada	113	110	118,000	269	262	286,000
China	146	141	1,510,000	1,350	1,320	3,870,000
France	1	1	10,100	25	24	42,000
Germany	15	15	20,000	75	73	104,000
Japan	248	240	327,000	963	934	1,760,000
Korea, Republic of	34	33	340,000	277	269	675,000
Mexico	4	4	18,200	24	24	63,400
Netherlands	--	--	--	110	105	828,000
Taiwan	51	49	74,800	502	487	946,000
Other (10 countries)	4	4	41,500	51	49	181,000
<b>Total</b>	<b>621</b>	<b>603</b>	<b>2,470,000</b>	<b>3,700</b>	<b>3,600</b>	<b>8,830,000</b>
<b>Total silicon metal</b>	<b>2,540</b>	<b>2,520</b>	<b>162,000,000</b>	<b>12,200</b>	<b>12,100</b>	<b>691,000,000</b>

<sup>e</sup>Estimated. XX Not applicable. -- Zero.

<sup>1</sup>Countries listed are the leading exporters in terms of year-to-date quantities (gross weight).

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 2B  
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN MAY 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		Value
				Gross weight	Contained weight	
Ferrosilicon:						
More than 55% silicon:						
Brazil	11	7	\$31,000	28	17	\$62,400
Canada	735	441	1,020,000	2,980	1,790	4,310,000
Colombia	--	--	--	22	16	32,400
Costa Rica	--	--	--	3	2	10,000
Honduras	--	--	--	1	1	3,210
Japan	--	--	--	45	(3)	44,700
Malaysia	--	--	--	22	15	31,200
Mexico	148	89	256,000	1,100	698	2,070,000
Total	894	537	1,300,000	4,200	2,530	6,560,000
Other ferrosilicon:						
Belgium	--	--	--	100	52	152,000
Canada	183	92	307,000	701	350	1,380,000
Colombia	19	8	35,700	54	24	88,900
Germany	--	--	--	98	50	153,000
Ireland	--	--	--	13	7	16,000
Italy	49	24	102,000	65	33	132,000
Mexico	39	20	71,800	367	184	577,000
United Kingdom	54	27	95,300	54	27	95,300
Total	344	171	612,000	1,450	726	2,590,000
Total ferrosilicon	1,240	708	1,920,000	5,650	3,260	9,160,000

See footnotes at end of table.

TABLE 2B--Continued  
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN MAY 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Metal:</b>						
Over 99.99% silicon:						
Canada	15	XX	\$1,030,000	174	XX	\$12,000,000
China	286	XX	25,800,000	1,310	XX	154,000,000
Finland	7	XX	853,000	102	XX	15,400,000
Germany	438	XX	26,700,000	1,590	XX	95,100,000
Japan	722	XX	60,800,000	3,670	XX	322,000,000
Korea, Republic of	115	XX	7,960,000	541	XX	40,500,000
Norway	322	XX	17,800,000	1,650	XX	89,400,000
Taiwan	121	XX	8,110,000	566	XX	41,500,000
Ukraine	15	XX	966,000	58	XX	2,870,000
United Kingdom	9	XX	1,510,000	71	XX	8,930,000
Other (31 countries)	74	XX	12,900,000	317	XX	63,200,000
Total	2,120	2,120 <sup>e</sup>	165,000,000	10,000	10,000 <sup>e</sup>	845,000,000
99.00% - 99.99% silicon:						
China	--	--	--	408	404	1,160,000
Dominican Republic	--	--	--	13	13	17,800
Germany	4	4	5,300	10	10	13,700
Hong Kong	3	3	4,170	33	33	93,600
Italy	--	--	--	13	13	17,900
Japan	--	--	--	15	15	21,700
Korea, Republic of	--	--	--	15	15	21,000
Singapore	--	--	--	28	28	58,000
Turkey	--	--	--	11	11	15,600
United Kingdom	--	--	--	13	13	18,900
Other (5 countries)	4	4	5,950	18	18	31,200
Total	11	11	15,400	578	573	1,470,000
Other silicon:						
Argentina	--	--	--	51	49	70,100
Canada	33	33	38,100	303	294	324,000
China	4	3	11,500	1,360	1,320	3,880,000
Germany	--	--	--	75	73	104,000
Japan	149	145	197,000	1,110	1,080	1,960,000
Korea, Republic of	57	55	680,000	334	324	1,350,000
Mexico	1	1	17,000	26	25	80,400
Netherlands	--	--	--	110	105	828,000
Singapore	30	29	39,600	30	29	49,200
Taiwan	124	120	220,000	626	607	1,170,000
Other (10 countries)	14	13	19,600	89	86	233,000
Total	411	399	1,220,000	4,110	3,990	10,000,000
Total silicon metal	2,550	2,530	166,000,000	14,700	14,600	856,000,000

<sup>e</sup>Estimated. XX Not applicable. -- Zero.

<sup>1</sup>Countries listed are the leading exporters in terms of year-to-date quantities (gross weight).

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 3  
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN MARCH 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Ferrosilicon:</b>						
<b>55% - 80% silicon, over 3% Ca:</b>						
China	3,040	2,280	\$2,940,000	5,950	4,430	\$5,690,000
France	36	21	59,500	198	117	320,000
<b>Total</b>	<b>3,080</b>	<b>2,300</b>	<b>3,000,000</b>	<b>6,150</b>	<b>4,550</b>	<b>6,010,000</b>
<b>55% - 80% silicon, other:</b>						
Brazil	22	16	22,300	260	193	305,000
Canada	1,310	971	2,120,000	3,590	2,670	5,390,000
China	6,620	5,020	6,850,000	28,200	21,300	27,200,000
France	159	106	330,000	537	353	1,060,000
Germany	67	50	341,000	118	88	591,000
Hong Kong	--	--	--	138	104	129,000
India	34	24	33,200	54	39	72,200
Norway	74	47	151,000	142	95	283,000
Russia	13,400	10,200	17,000,000	19,100	14,600	23,700,000
Venezuela	5,000	3,750	5,050,000	5,000	3,750	5,050,000
Other (2 countries)	--	--	--	23	15	88,600
<b>Total</b>	<b>26,700</b>	<b>20,200</b>	<b>31,900,000</b>	<b>57,100</b>	<b>43,100</b>	<b>63,900,000</b>
<b>Magnesium ferrosilicon:</b>						
Argentina	184	78	447,000	430	181	1,020,000
Canada	753	348	925,000	2,380	1,100	2,770,000
China	--	--	--	190	94	244,000
Japan	15	7	39,800	15	7	39,800
<b>Total</b>	<b>952</b>	<b>432</b>	<b>1,410,000</b>	<b>3,010</b>	<b>1,380</b>	<b>4,070,000</b>
<b>Other ferrosilicon:</b>						
Brazil	22	11	77,200	22	11	77,200
Canada	662	206	685,000	1,800	478	1,890,000
China	7	3	12,500	7,020	934	2,730,000
Russia	1,300	615	1,210,000	1,300	615	1,210,000
<b>Total</b>	<b>1,990</b>	<b>835</b>	<b>1,990,000</b>	<b>10,100</b>	<b>2,040</b>	<b>5,910,000</b>
<b>Total ferrosilicon</b>	<b>32,800</b>	<b>23,800</b>	<b>38,300,000</b>	<b>76,400</b>	<b>51,100</b>	<b>79,900,000</b>

See footnotes at end of table



TABLE 3--Continued  
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN MARCH 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Metal:</b>						
<b>More than 99.99% silicon:</b>						
Canada	4	XX	\$191,000	170	XX	\$664,000
China	19	XX	1,960,000	31	XX	2,190,000
Denmark	(3)	XX	223,000	2	XX	887,000
Germany	109	XX	11,400,000	297	XX	29,500,000
Italy	11	XX	809,000	62	XX	4,490,000
Japan	40	XX	6,930,000	117	XX	19,500,000
Korea, Republic of	--	XX	--	5	XX	532,000
Poland	--	XX	--	5	XX	264,000
Taiwan	1	XX	340,000	13	XX	3,250,000
United Kingdom	--	XX	--	2	XX	301,000
Other (6 countries)	(3)	XX	3,190	4	XX	313,000
<b>Total</b>	<b>184</b>	<b>184<sup>c</sup></b>	<b>21,900,000</b>	<b>707</b>	<b>707<sup>c</sup></b>	<b>61,800,000</b>
<b>99.00% - 99.99% silicon:</b>						
Australia	834	828	2,250,000	4,430	4,100	10,100,000
Belgium	--	--	--	280	278	560,000
Brazil	3,970	3,940	9,530,000	12,100	12,000	27,000,000
Canada	1,010	902 <sup>4</sup>	2,310,000	4,820	4,690	10,300,000
China	1,230	1,230	2,770,000	2,830	2,820	5,920,000
Japan	--	--	--	9	1	12,100
Laos	720	716	1,610,000	720	716	1,610,000
Norway	604	600	1,790,000	1,850	1,840	5,550,000
Philippines	--	--	--	18	18	30,400
South Africa	3,430	3,410	8,620,000	12,100	12,000	30,000,000
Spain	--	--	--	150	149	323,000
<b>Total</b>	<b>11,800</b>	<b>11,600</b>	<b>28,900,000</b>	<b>39,400</b>	<b>38,700</b>	<b>91,400,000</b>
<b>Other silicon:</b>						
Brazil	964	952	2,390,000	2,850	2,810	6,980,000
Canada	285	281	608,000	1,430	1,410	3,150,000
China	114	113	218,000	646	638	1,090,000
France	38	37	99,400	38	37	99,400
Germany	(3)	(3)	14,700	(3)	(3)	14,700
Japan	1	1	3,830	1	1	3,830
Norway	878	865	2,320,000	2,670	2,600	6,510,000
Philippines	106	103	118,000	317	310	451,000
Sweden	73	10	79,100	157	39	235,000
United Kingdom	77	75	103,000	130	114	194,000
<b>Total</b>	<b>2,540</b>	<b>2,440</b>	<b>5,960,000</b>	<b>8,230</b>	<b>7,960</b>	<b>18,700,000</b>
<b>Total silicon metal</b>	<b>14,500</b>	<b>14,200</b>	<b>56,700,000</b>	<b>48,300</b>	<b>47,300</b>	<b>172,000,000</b>

<sup>c</sup>Estimated. XX Not applicable. -- Zero.

<sup>1</sup>Presentation of monthly data is based on the year-to-date quantities (gross weight) of the leading countries.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than ½ unit.

<sup>4</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 3A  
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN APRIL 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Ferrosilicon:</b>						
<b>55% - 80% silicon, over 3% Ca:</b>						
China	1,910	1,420	\$2,300,000	7,860	5,850	\$7,990,000
France	89	54	158,000	287	171	478,000
Germany	31	19	50,900	31	19	50,900
<b>Total</b>	<b>2,030</b>	<b>1,500</b>	<b>2,510,000</b>	<b>8,180</b>	<b>6,040</b>	<b>8,520,000</b>
<b>55% - 80% silicon, other:</b>						
Brazil	3	2	4,090	263	195	309,000
Canada	980	733	1,550,000	4,570	3,400	6,940,000
China	10,100	7,610	10,100,000	38,300	28,900	37,300,000
France	179	116	351,000	716	469	1,410,000
Germany	68	51	334,000	186	139	925,000
Hong Kong	--	--	--	138	104	129,000
India	17	12	19,100	71	51	91,300
Norway	115	85	233,000	257	180	516,000
Russia	9,410	7,160	13,200,000	28,500	21,700	36,900,000
Venezuela	3,500	2,630	3,950,000	8,500	6,380	9,000,000
Other (3 countries)	34	11	79,900	57	27	168,000
<b>Total</b>	<b>24,400</b>	<b>18,400</b>	<b>29,800,000</b>	<b>81,500</b>	<b>61,500</b>	<b>93,700,000</b>
<b>Magnesium ferrosilicon:</b>						
Argentina	149	63	384,000	579	243	1,410,000
Canada	669	310	858,000	3,050	1,410	3,620,000
China	17	12	26,900	207	106	271,000
Germany	10	3	14,400	10	3	14,400
Japan	--	--	--	15	7	39,800
South Africa	19	9	36,000	19	9	36,000
<b>Total</b>	<b>864</b>	<b>396</b>	<b>1,320,000</b>	<b>3,880</b>	<b>1,770</b>	<b>5,390,000</b>
<b>Other ferrosilicon:</b>						
Brazil	36	16	16,700	58	27	93,900
Canada	927	310	970,000	2,730	788	2,860,000
China	20	11	34,900	7,040	945	2,760,000
Russia	--	--	--	1,300	615	1,210,000
<b>Total</b>	<b>983</b>	<b>336</b>	<b>1,020,000</b>	<b>11,100</b>	<b>2,380</b>	<b>6,930,000</b>
<b>Total ferrosilicon</b>	<b>28,300</b>	<b>20,600</b>	<b>34,700,000</b>	<b>105,000</b>	<b>71,700</b>	<b>115,000,000</b>

See footnotes at end of table

TABLE 3A--Continued  
 U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN APRIL 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Metal:</b>						
<b>More than 99.99% silicon:</b>						
Canada	16	XX	\$858,000	186	XX	\$1,520,000
China	24	XX	109,000	55	XX	2,300,000
Denmark	(3)	XX	59,100	2	XX	946,000
Germany	126	XX	10,900,000	422	XX	40,400,000
Italy	26	XX	1,810,000	88	XX	6,300,000
Japan	49	XX	8,010,000	165	XX	27,500,000
Korea, Republic of	5	XX	366,000	10	XX	898,000
Poland	--	XX	--	5	XX	264,000
Spain	1	XX	4,930	2	XX	40,800
Taiwan	3	XX	720,000	16	XX	3,970,000
Other (7 countries)	(3)	XX	7,130	5	XX	586,000
<b>Total</b>	<b>248</b>	<b>248<sup>c</sup></b>	<b>22,900,000</b>	<b>956</b>	<b>956<sup>c</sup></b>	<b>84,700,000</b>
<b>99.00% - 99.99% silicon:</b>						
Australia	1,610	1,600	4,000,000	6,040	5,700	14,100,000
Belgium	--	--	--	280	278	560,000
Brazil	4,860	4,820	11,900,000	17,000	16,900	38,900,000
Canada	962	954	2,220,000	5,790	5,640	12,500,000
China	381	379	861,000	3,210	3,190	6,780,000
Japan	10	1 <sup>4</sup>	13,300	20	1	25,400
Laos	248	246	589,000	968	963	2,200,000
Norway	456	453	1,350,000	2,310	2,290	6,900,000
Philippines	--	--	--	18	18	30,400
South Africa	2,570	2,550	6,610,000	14,700	14,600	36,600,000
Spain	--	--	--	150	149	323,000
<b>Total</b>	<b>11,100</b>	<b>11,000</b>	<b>27,500,000</b>	<b>50,500</b>	<b>49,700</b>	<b>119,000,000</b>
<b>Other silicon:</b>						
Brazil	1,190	1,170	2,590,000	4,040	3,980	9,570,000
Canada	763	750	1,750,000	2,190	2,160	4,900,000
China	60	59	130,000	706	698	1,220,000
France	76	75	208,000	114	112	307,000
Germany	--	--	--	(3)	(3)	14,700
Japan	--	--	--	1	1	3,830
Norway	1,760	1,700	4,640,000	4,430	4,310	11,200,000
Philippines	125	121	133,000	442	432	584,000
Sweden	73	10	79,100	229	49	314,000
United Kingdom	40	39	116,000	170	153	310,000
<b>Total</b>	<b>4,090</b>	<b>3,930</b>	<b>9,640,000</b>	<b>12,300</b>	<b>11,900</b>	<b>28,400,000</b>
<b>Total silicon metal</b>	<b>15,400</b>	<b>15,200</b>	<b>60,000,000</b>	<b>63,700</b>	<b>62,500</b>	<b>232,000,000</b>

<sup>c</sup>Estimated. XX Not applicable. -- Zero.

<sup>1</sup>Presentation of monthly data is based on the year-to-date quantities (gross weight) of the leading countries.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than ½ unit.

<sup>4</sup>All or part of these data have been referred to the U.S. Census Bureau for verification.

Source: U.S. Census Bureau.

TABLE 3B  
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN MAY 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Ferrosilicon:</b>						
<b>55% - 80% silicon, over 3% Ca:</b>						
China	1,220	907	\$1,350,000	9,080	6,760	\$9,340,000
France	90	53	166,000	377	224	644,000
Germany	--	--	--	31	19	50,900
<b>Total</b>	<b>1,310</b>	<b>960</b>	<b>1,510,000</b>	<b>9,490</b>	<b>7,000</b>	<b>10,000,000</b>
<b>55% - 80% silicon, other:</b>						
Brazil	43	33	93,100	307	228	402,000
Canada	1,050	788	1,640,000	5,630	4,190	8,590,000
China	21,200	15,700	25,200,000	59,500	44,600	62,500,000
France	90	59	175,000	806	528	1,590,000
Germany	59	43	280,000	245	182	1,200,000
Hong Kong	--	--	--	138	104	129,000
India	34	24	38,200	105	75	129,000
Norway	54	40	110,000	312	219	626,000
Russia	4,940	3,790	7,050,000	33,400	25,500	44,000,000
Venezuela	--	--	--	8,500	6,380	9,000,000
Other (3 countries)	51	17 <sup>4</sup>	132,000	108	44	301,000
<b>Total</b>	<b>27,600</b>	<b>20,500</b>	<b>34,700,000</b>	<b>109,000</b>	<b>82,100</b>	<b>128,000,000</b>
<b>Magnesium ferrosilicon:</b>						
Argentina	165	71	434,000	744	314	1,840,000
Canada	800	371	1,050,000	3,850	1,780	4,670,000
China	347	156	347,000	554	262	618,000
Germany	--	--	--	10	3	14,400
Japan	15	7	43,400	31	14	83,200
South Africa	19	9	36,000	38	17	72,000
<b>Total</b>	<b>1,350</b>	<b>613</b>	<b>1,910,000</b>	<b>5,220</b>	<b>2,390</b>	<b>7,300,000</b>
<b>Other ferrosilicon:</b>						
Brazil	--	--	--	58	27	93,900
Canada	869	312	879,000	3,600	1,100	3,740,000
China	62	29	229,000	7,100	974	2,990,000
Russia	--	--	--	1,300	615	1,210,000
<b>Total</b>	<b>931</b>	<b>341</b>	<b>1,110,000</b>	<b>12,100</b>	<b>2,720</b>	<b>8,040,000</b>
<b>Total ferrosilicon</b>	<b>31,100</b>	<b>22,400</b>	<b>39,200,000</b>	<b>136,000</b>	<b>94,200</b>	<b>154,000,000</b>

See footnotes at end of table

TABLE 3B--Continued  
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN MAY 2008<sup>1,2</sup>

(Metric tons, unless otherwise specified)

	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
<b>Metal:</b>						
<b>More than 99.99% silicon:</b>						
Canada	11	XX	\$380,000	196	XX	\$1,900,000
China	8	XX	795,000	62	XX	3,090,000
Denmark	(3)	XX	42,900	2	XX	989,000
Germany	119	XX	10,800,000	541	XX	51,200,000
Italy	14	XX	1,090,000	103	XX	7,390,000
Japan	39	XX	6,630,000	205	XX	34,100,000
Korea, Republic of	19	XX	1,580,000	29	XX	2,480,000
Poland	3	XX	164,000	8	XX	428,000
Spain	--	XX	--	2	XX	40,800
Taiwan	5	XX	160,000	21	XX	4,130,000
Other (8 countries)	1	XX	185,000	5	XX	771,000
<b>Total</b>	<b>219</b>	<b>219<sup>c</sup></b>	<b>21,800,000</b>	<b>1,180</b>	<b>1,180<sup>c</sup></b>	<b>106,000,000</b>
<b>99.00% - 99.99% silicon:</b>						
Australia	2,000	1,990	5,460,000	8,040	7,690	19,500,000
Belgium	--	--	--	280	278	560,000
Brazil	6,880	6,830	16,800,000	23,900	23,700	55,700,000
Canada	1,380	1,290	3,030,000	7,170	6,940	15,500,000
China	900	896	2,330,000	4,110	4,090	9,110,000
Laos	135	134	321,000	1,100	1,100	2,520,000
Norway	624	620	1,840,000	2,930	2,910	8,740,000
Philippines	21	21	35,300	39	39	65,700
South Africa	3,760	3,740	10,300,000	18,500	18,300	46,900,000
Spain	--	--	--	150	149	323,000
Other (2 countries)	9	9	67,400	28	10	92,900
<b>Total</b>	<b>15,700</b>	<b>15,500</b>	<b>40,200,000</b>	<b>66,200</b>	<b>65,200</b>	<b>159,000,000</b>
<b>Other silicon:</b>						
Brazil	681	673	1,700,000	4,720	4,660	11,300,000
Canada	389	382	994,000	2,580	2,540	5,890,000
China	160	158	365,000	866	856	1,590,000
France	152	149	434,000	266	261	741,000
Germany	--	--	--	(3)	(3)	14,700
Japan	--	--	--	1	1	3,830
Norway	268	245	774,000	4,700	4,550	11,900,000
Philippines	97	95	124,000	540	527	709,000
Poland	(3)	(3)	2,130	(3)	(3)	2,130
Sweden	11	10	31,800	240	60	346,000
United Kingdom	78	76	225,000	248	229	536,000
<b>Total</b>	<b>1,840</b>	<b>1,790</b>	<b>4,650,000</b>	<b>14,200</b>	<b>13,700</b>	<b>33,000,000</b>
<b>Total silicon metal</b>	<b>17,800</b>	<b>17,500</b>	<b>66,700,000</b>	<b>81,500</b>	<b>80,100</b>	<b>299,000,000</b>

<sup>c</sup>Estimated. XX Not applicable. -- Zero.

<sup>1</sup>Presentation of monthly data is based on the year-to-date quantities (gross weight) of the leading countries.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than ½ unit.

<sup>4</sup>All or part of these data have been referred to the U.S. Census Bureau.

Source: U.S. Census Bureau.