

Mineral Industry Surveys

For information, contact:

Lisa A. Corathers, Silicon Commodity Specialist
 U.S. Geological Survey
 989 National Center
 Reston, VA 20192
 Telephone: (703) 648-4973, Fax: (703) 648-7757
 E-mail: lcorathers@usgs.gov

Martha L. Jackson (Data)
 Telephone: (703) 648-7944
 Fax: (703) 648-7975
 E-mail: mjackson@usgs.gov

Internet: <http://minerals.usgs.gov/minerals>

SILICON IN JULY, AUGUST, AND SEPTEMBER 2008

Preliminary data during the quarter ending September 30, 2008, indicate that domestic production and net shipments of silicon ferroalloys, on a gross-weight basis, increased by 5% and 6%, respectively, compared with those of the second quarter 2008. Production and net shipments during the first 9 months of 2008 increased by 8% and 7%, respectively compared with the revised amounts of those 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 August 31, 2008, were 165% and 12% 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 August 31, 2008, were 75% and 10% 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 prices¹

<u>Month</u>	<u>Price Range</u>	<u>Average Low-High Prices</u>
July 2008	142.00-155.00	144.80-150.20
August 2008	132.00-145.00	136.00-141.50
September 2008	120.00-138.00	124.25-129.00

75% ferrosilicon prices²

<u>Month</u>	<u>Price Range</u>	<u>Average Low-High Prices</u>
July 2008	132.00-155.00	139.40-145.60
August 2008	130.00-138.00	130.50-134.25
September 2008	118.00-132.00	120.25-125.75

Silicon metal prices²

<u>Month</u>	<u>Price Range</u>	<u>Average Low-High Prices</u>
July 2008	163.00-170.00	163.00-170.00
August 2008	160.00-170.00	160.75-167.00
September 2008	160.00-170.00	160.00-170.00

¹Source: Ryan's Notes, North American transaction price.

²Source: Platts Metals Week, dealer import price.

TABLE 1
U.S. PRODUCTION, SHIPMENTS, AND PRODUCER STOCKS OF SILICON ALLOYS AND METAL IN 2008^{1, 2, 3}

(Metric tons)

Material	Gross production ⁴				Net shipments				Stocks		
	July	August	September	Year to date	July	August	September	Year to date	July	August	September
Ferrosilicon, all grades ^{5, 6}	25,600	25,900	25,700	220,000	20,200	19,600	21,600	176,000	23,000	23,800	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.

¹Data are rounded to no more than three significant digits.

²Includes U.S. Geological Survey estimates.

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

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

⁵Ferrosilicon categories were aggregated to avoid disclosing company proprietary data.

⁶Includes miscellaneous silicon alloys and other silicon products.

TABLE 2
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN JUNE 2008^{1, 2}

(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	--	--	--	28	17	\$62,400
Canada	1,060	635	\$1,540,000	4,030	2,420	5,860,000
Colombia	--	--	--	22	16	32,400
Costa Rica	--	--	--	3	2	10,000
Honduras	--	--	--	1	1	3,210
Italy	33	24	70,600	33	24	70,600
Japan	--	--	--	45	(3)	44,700
Malaysia	11	8	20,400	33	23	51,600
Mexico	81	49	138,000	1,190	746	2,210,000
Total	1,180	715	1,770,000	5,380	3,250	8,340,000
Other ferrosilicon:						
Belgium	--	--	--	100	52	152,000
Canada	187	94	267,000	888	444	1,650,000
Colombia	--	--	--	54	24	88,900
Germany	51	25	87,600	149	75	241,000
Indonesia	11	5	19,700	11	5	19,700
Ireland	--	--	--	13	7	16,000
Italy	33	15	70,600	97	47	203,000
Mexico	122	61	164,000	490	245	741,000
Turkey	40	20	57,500	40	20	57,500
United Kingdom	--	--	--	54	27	95,300
Total	444	220	667,000	1,900	947	3,260,000
Total ferrosilicon	1,630	935	2,440,000	7,280	4,200	11,600,000

See footnotes at end of table.

TABLE 2--Continued
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN JUNE 2008^{1,2}

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Metal:						
More than 99.99% silicon:						
Canada	15	XX	\$1,050,000	189	XX	\$13,000,000
China	242	XX	25,400,000	1,550	XX	179,000,000
Finland	19	XX	3,440,000	122	XX	18,800,000
Germany	412	XX	23,400,000	2,000	XX	119,000,000
Japan	515	XX	50,000,000	4,190	XX	372,000,000
Korea, Republic of	86	XX	6,740,000	627	XX	47,300,000
Norway	205	XX	11,600,000	1,850	XX	101,000,000
Taiwan	142	XX	10,100,000	708	XX	51,500,000
Ukraine	21	XX	1,130,000	79	XX	4,000,000
United Kingdom	5	XX	800,000	76	XX	9,730,000
Other (33 countries)	51	XX	8,380,000	368	XX	71,600,000
Total	1,710	1,710 ^e	142,000,000	11,800	11,800 ^e	987,000,000
99.00% - 99.99% silicon:						
China	--	--	--	408	404	1,160,000
Dominican Republic	--	--	--	13	13	17,800
Hong Kong	--	--	--	33	33	93,600
Italy	--	--	--	13	13	17,900
Japan	--	--	--	15	15	21,700
Korea, Republic of	--	--	--	15	15	21,000
Mexico	6	6	8,820	14	13	21,900
Singapore	--	--	--	28	28	58,000
Turkey	--	--	--	11	11	15,600
United Kingdom	152	151	344,000	166	164	363,000
Other (5 countries)	--	--	--	21	20	31,900
Total	159	157	353,000	736	730	1,820,000
Other silicon:						
Argentina	--	--	--	51	49	70,100
Canada	133	129	141,000	436	423	465,000
China	280	271	1,520,000	1,640	1,590	5,400,000
Germany	12	11	15,300	87	85	120,000
Japan	96	93	126,000	1,210	1,170	2,090,000
Korea, Republic of	1	1	9,860	334	324	1,360,000
Netherlands	--	--	--	110	105	828,000
Singapore	24	23	34,000	54	52	83,200
Taiwan	33	32	86,100	659	640	1,250,000
United Kingdom	45	43	59,100	66	64	96,100
Other (12 countries)	25	25	139,000	118	115	416,000
Total	649	629	2,130,000	4,760	4,620	12,200,000
Total silicon metal	2,520	2,500	145,000,000	17,300	17,100	1,000,000,000

^eEstimated. XX Not applicable. -- Zero.

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

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 2A
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN JULY 2008^{1,2}

(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	--	--	--	28	17	\$62,400
Canada	1,070	642	\$1,840,000	5,100	3,060	7,700,000
Colombia	--	--	--	22	16	32,400
Costa Rica	--	--	--	3	2	10,000
Honduras	--	--	--	1	1	3,210
Italy	--	--	--	33	24	70,600
Japan	--	--	--	45	(3)	44,700
Malaysia	11	8	20,400	44	32	72,000
Mexico	364	218	478,000	1,550	965	2,690,000
Total	1,450	869	2,340,000	6,830	4,120	10,700,000
Other ferrosilicon:						
Belgium	--	--	--	100	52	152,000
Canada	196	98	342,000	1,080	542	1,990,000
Colombia	--	--	--	54	24	88,900
Germany	101	50	193,000	250	125	434,000
Italy	--	--	--	98	47	203,000
Mexico	101	50	210,000	590	295	951,000
Netherlands	379	190	651,000	379	190	651,000
South Africa	60	27	121,000	60	27	121,000
Turkey	--	--	--	40	20	57,500
United Kingdom	--	--	--	54	27	95,300
Other (3 countries)	16	7	28,800	40	19	64,500
Total	853	423	1,550,000	2,750	1,370	4,810,000
Total ferrosilicon	2,300	1,290	3,890,000	9,580	5,490	15,500,000

See footnotes at end of table.

TABLE 2A--Continued
 U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN JULY 2008^{1, 2}

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Metal:						
More than 99.99% silicon:						
Canada	(3)	XX	\$22,700	189	XX	\$13,100,000
China	317	XX	41,500,000	1,870	XX	221,000,000
Finland	18	XX	2,620,000	139	XX	21,400,000
Germany	549	XX	34,700,000	2,550	XX	153,000,000
Japan	699	XX	69,000,000	4,890	XX	441,000,000
Korea, Republic of	157	XX	17,000,000	784	XX	64,300,000
Malaysia	15	XX	2,640,000	84	XX	15,100,000
Norway	233	XX	13,300,000	2,090	XX	114,000,000
Taiwan	141	XX	11,700,000	849	XX	63,200,000
United Kingdom	3	XX	627,000	79	XX	10,400,000
Other (35 countries)	40	XX	4,770,000	417	XX	67,900,000
Total	2,170	2,170^e	198,000,000	13,900	13,900^e	1,180,000,000
99.00% - 99.99% silicon:						
China	112	111	331,000	520	516	1,490,000
Dominican Republic	--	--	--	13	13	17,800
Germany	2	2	2,550	12	11	16,200
Hong Kong	7	7	10,000	40	40	104,000
Italy	--	--	--	13	13	17,900
Japan	--	--	--	15	15	21,700
Korea, Republic of	--	--	--	15	15	21,000
Mexico	4	4	10,900	18	18	32,800
Singapore	6	6	8,450	34	34	66,500
United Kingdom	58	57	133,000	224	222	496,000
Other (6 countries)	3	3	4,800	25	25	38,600
Total	193	191	500,000	929	921	2,320,000
Other silicon:						
Canada	28	27	35,500	464	450	500,000
China	(3)	(3)	7,420	1,640	1,590	5,400,000
Germany	46	44	60,400	133	129	180,000
Hong Kong	303	293	521,000	303	293	521,000
Japan	234	227	309,000	1,440	1,400	2,400,000
Korea, Republic of	20	19	244,000	354	343	1,610,000
Netherlands	--	--	--	110	105	828,000
Singapore	(3)	(3)	4,330	54	53	87,500
Taiwan	39	38	61,800	698	678	1,310,000
United Kingdom	--	--	--	66	64	96,100
Other (15 countries)	12	11	37,200	181	175	523,000
Total	682	661	1,280,000	5,440	5,280	13,500,000
Total silicon metal	3,050	3,020	200,000,000	20,300	20,100	1,200,000,000

^eEstimated. XX Not applicable. -- Zero.

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

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 2B
U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN AUGUST 2008^{1,2}

(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	232	145	\$398,000	260	162	\$461,000
Canada	846	507	1,480,000	5,950	3,570	9,180,000
Colombia	4	3	6,680	26	19	39,100
Costa Rica	--	--	--	3	2	10,000
Honduras	--	--	--	1	1	3,210
Italy	33	20	88,100	65	43	159,000
Japan	--	--	--	45	(3)	44,700
Malaysia	--	--	--	44	32	72,000
Mexico	223	134	377,000	1,770	1,100	3,060,000
Total	1,340	809	2,350,000	8,170	4,930	13,000,000
Other ferrosilicon:						
Belgium	60	33	130,000	160	85	282,000
Brazil	349	174	822,000	349	174	822,000
Canada	111	55	179,000	1,200	598	2,170,000
Colombia	15	7	28,100	69	32	117,000
Germany	50	25	105,000	300	151	539,000
Italy	--	--	--	98	47	203,000
Mexico	65	33	90,800	656	328	1,040,000
Netherlands	--	--	--	379	190	651,000
Turkey	60	27	145,000	100	47	203,000
United Kingdom	60	30	148,000	114	57	243,000
Other (4 countries)	--	--	--	100	46	186,000
Total	770	385	1,650,000	3,520	1,760	6,460,000
Total ferrosilicon	2,110	1,190	4,000,000	11,700	6,680	19,500,000

See footnotes at end of table.

TABLE 2B--Continued
 U.S. EXPORTS OF FERROSILICON AND SILICON METAL IN AUGUST 2008^{1,2}

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Metal:						
More than 99.99% silicon:						
Canada	3	XX	\$187,000	192	XX	\$13,200,000
China	421	XX	35,100,000	2,290	XX	256,000,000
Finland	12	XX	2,020,000	152	XX	23,400,000
Germany	474	XX	29,000,000	3,030	XX	182,000,000
Japan	687	XX	66,700,000	5,570	XX	508,000,000
Korea, Republic of	144	XX	12,600,000	928	XX	76,800,000
Malaysia	16	XX	3,730,000	100	XX	18,800,000
Norway	295	XX	18,300,000	2,380	XX	133,000,000
Taiwan	160	XX	12,200,000	1,010	XX	75,400,000
United Kingdom	6	XX	1,060,000	85	XX	11,400,000
Other (35 countries)	43	XX	7,690,000	461	XX	75,600,000
Total	2,260	2,260^e	188,000,000	16,200	16,200^e	1,370,000,000
99.00% - 99.99% silicon:						
China	7	7	27,300	527	523	1,520,000
Dominican Republic	--	--	--	13	13	17,800
Germany	--	--	--	12	11	16,200
Hong Kong	--	--	--	40	40	104,000
Italy	--	--	--	13	13	17,900
Japan	31	30	90,000	46	46	112,000
Korea, Republic of	--	--	--	15	15	21,000
Mexico	11	11	15,600	29	29	48,300
Singapore	9	9	12,200	43	43	78,600
United Kingdom	266	264	594,000	490	486	1,090,000
Other (9 countries)	16	16	22,200	41	41	60,700
Total	339	336	761,000	1,270	1,260	3,080,000
Other silicon:						
Canada	20	19	25,200	484	470	526,000
China	127	123	1,240,000	1,760	1,720	6,640,000
Germany	4	4	9,700	137	133	190,000
Hong Kong	23	23	30,700	326	316	551,000
Japan	135	131	179,000	1,580	1,530	2,580,000
Korea, Republic of	(3)	(3)	2,990	355	344	1,610,000
Netherlands	--	--	--	110	105	828,000
Singapore	62	60	82,000	116	113	169,000
Taiwan	66	64	121,000	764	742	1,430,000
United Kingdom	10	10	13,000	76	74	109,000
Other (18 countries)	13	12	53,400	193	188	577,000
Total	460	446	1,760,000	5,900	5,730	15,200,000
Total silicon metal	3,060	3,040	191,000,000	23,400	23,200	1,390,000,000

^eEstimated. XX Not applicable. -- Zero.

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

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 3
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN JUNE 2008^{1,2}

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Ferrosilicon:						
55% - 80% silicon, more than 3% Ca:						
China	1,950	1,450	\$2,500,000	11,000	8,210	\$11,800,000
Egypt	21	12	21,100	21	12	21,100
France	--	--	--	377	224	644,000
Germany	--	--	--	31	19	50,900
Total	1,970	1,470	2,520,000	11,500	8,470	12,600,000
55% - 80% silicon, other:						
Brazil	22	16	52,500	328	244	455,000
Canada	870	650	1,380,000	6,500	4,840	9,970,000
China	12,000	9,010	16,700,000	71,500	53,600	79,200,000
France	125	89	293,000	931	617	1,880,000
Germany	50	36	213,000	294	218	1,420,000
Hong Kong	--	--	--	138	104	129,000
India	40	30	104,000	145	105	233,000
Norway	68	52	141,000	380	271	767,000
Russia	5,300	3,950	11,300,000	38,700	29,400	55,300,000
Venezuela	--	--	--	8,500	6,380	9,000,000
Other (4 countries)	30	22	142,000	138	66	442,000
Total	18,500	13,800	30,300,000	128,000	95,900	159,000,000
Magnesium ferrosilicon:						
Argentina	94	39	236,000	837	353	2,080,000
Canada	856	400	1,140,000	4,700	2,180	5,810,000
China	--	--	--	554	262	618,000
Germany	--	--	--	10	3	14,400
Japan	--	--	--	31	14	83,200
South Africa	--	--	--	38	17	72,000
Total	949	439	1,380,000	6,170	2,830	8,680,000
Other ferrosilicon:						
Brazil	2	2	10,800	60	29	105,000
Canada	1,220	459	1,250,000	4,820	1,560	4,990,000
China	--	--	--	7,100	974	2,990,000
Russia	1,280	605	2,120,000	2,580	1,220	3,330,000
Total	2,500	1,070	3,380,000	14,600	3,780	11,400,000
Total ferrosilicon	23,900	16,800	37,600,000	160,000	111,000	191,000,000

See footnotes at end of table

TABLE 3--Continued
 U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN JUNE 2008^{1,2}

(Metric tons, unless otherwise specified)

	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Metal:						
More than 99.99% silicon:						
Canada	15	XX	\$570,000	211	XX	\$2,470,000
China	15	XX	357,000	78	XX	3,450,000
Denmark	1	XX	432,000	3	XX	1,420,000
Germany	109	XX	10,800,000	651	XX	61,900,000
Italy	11	XX	1,420,000	114	XX	8,810,000
Japan	42	XX	8,060,000	246	XX	42,200,000
Korea, Republic of	11	XX	652,000	41	XX	3,130,000
Poland	--	XX	--	8	XX	428,000
Taiwan	5	XX	1,640,000	25	XX	5,770,000
United Kingdom	1	XX	101,000	2	XX	409,000
Other (9 countries)	2	XX	116,000	8	XX	620,000
Total	212	212^c	24,100,000	1,390	1,390^c	131,000,000
99.00% - 99.99% silicon:						
Australia	1,930	1,920	5,430,000	9,970	9,610	24,900,000
Belgium	--	--	--	280	278	560,000
Brazil	5,360	5,320	13,600,000	29,200	29,000	69,300,000
Canada	440	436	1,330,000	7,610	7,370	16,900,000
China	--	--	--	4,110	4,090	9,110,000
Laos	608	604	1,440,000	1,710	1,700	3,960,000
Norway	610	607	1,790,000	3,540	3,520	10,500,000
Philippines	--	--	--	39	39	65,700
South Africa	1,190	1,180	2,960,000	19,600	19,500	49,900,000
Spain	--	--	--	150	149	323,000
Other (2 countries)	10	1	13,400	39	10	106,000
Total	10,100	10,100	26,600,000	76,300	75,300	186,000,000
Other silicon:						
Brazil	814	803	2,110,000	5,540	5,460	13,400,000
Canada	447	440	1,030,000	3,030	2,980	6,920,000
China	180	178	387,000	1,050	1,030	1,980,000
France	--	--	--	266	261	741,000
Japan	--	--	--	1	1	3,830
Netherlands	9	(3)	10,000	9	(3)	10,000
Norway	64	61	83,600	4,760	4,610	12,000,000
Philippines	161	157	169,000	701	684	878,000
Sweden	--	--	--	240	60	346,000
United Kingdom	--	--	--	248	229	536,000
Other (3 countries)	(3)	(3)	4,720	(3)	(3)	21,500
Total	1,680	1,640	3,790,000	15,800	15,300	36,800,000
Total silicon metal	12,000	11,900	54,500,000	93,500	92,000	353,000,000

^cEstimated. XX Not applicable. -- Zero.

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

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

³Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 3A
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN JULY 2008^{1,2}

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Ferrosilicon:						
55% - 80% silicon, more than 3% Ca:						
Canada	23	12	\$13,100	23	12	\$13,100
China	3,760	2,820	6,320,000	14,800	11,000	18,200,000
Egypt	--	--	--	21	12	21,100
France	144	87	265,000	521	311	909,000
Germany	--	--	--	31	19	50,900
Total	3,930	2,920	6,600,000	15,400	11,400	19,200,000
55% - 80% silicon, other:						
Brazil	133	99	314,000	461	343	769,000
Canada	882	647	1,420,000	7,380	5,490	11,400,000
China	6,750	4,510	10,700,000	78,300	58,100	89,900,000
France	390	266	794,000	1,320	884	2,670,000
Germany	50	37	276,000	345	255	1,690,000
Hong Kong	--	--	--	138	104	129,000
India	37	27	79,600	182	131	313,000
Norway	54	39	133,000	434	310	900,000
Russia	6,850	5,180	14,900,000	45,600	34,600	70,200,000
Venezuela	--	--	--	8,500	6,380	9,000,000
Other (4 countries)	--	--	--	138	66	442,000
Total	15,100	10,800	28,600,000	143,000	107,000	187,000,000
Magnesium ferrosilicon:						
Argentina	108	46	305,000	945	399	2,380,000
Canada	682	318	912,000	5,380	2,500	6,720,000
China	--	--	--	554	262	618,000
Germany	--	--	--	10	3	14,400
Japan	15	7	60,800	46	21	144,000
South Africa	18	8	36,400	56	25	108,000
Total	823	379	1,310,000	7,000	3,210	9,990,000
Other ferrosilicon:						
Brazil	--	--	--	60	29	105,000
Canada	891	370	872,000	5,710	1,930	5,860,000
China	26	10	70,700	7,120	984	3,060,000
France	1	1	2,580	1	1	2,580
Poland	12	5	21,900	12	5	21,900
Russia	--	--	--	2,580	1,220	3,330,000
Total	930	386	967,000	15,500	4,170	12,400,000
Total ferrosilicon	20,800	14,500	37,500,000	181,000	125,000	229,000,000

See footnotes at end of table

TABLE 3A--Continued
 U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN JULY 2008^{1,2}

(Metric tons, unless otherwise specified)

	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Metal:						
More than 99.99% silicon:						
Canada	15	XX	\$695,000	226	XX	\$3,170,000
China	15	XX	4,930,000	93	XX	8,380,000
Denmark	2	XX	854,000	4	XX	2,270,000
Germany	140	XX	14,300,000	790	XX	76,200,000
Italy	23	XX	1,700,000	136	XX	10,500,000
Japan	26	XX	4,800,000	273	XX	47,000,000
Korea, Republic of	5	XX	851,000	46	XX	3,980,000
Poland	1	XX	127,000	10	XX	556,000
Spain	2	XX	14,700	4	XX	55,600
Taiwan	15	XX	2,000,000	40	XX	7,770,000
Other (10 countries)	1	XX	401,000	10	XX	1,390,000
Total	245	245^c	30,700,000	1,630	1,630^c	161,000,000
99.00% - 99.99% silicon:						
Australia	1,060	1,060	2,750,000	11,000	10,700	27,700,000
Belgium	--	--	--	280	278	560,000
Brazil	3,820	3,790	9,900,000	33,000	32,800	79,200,000
Canada	1,000	834 ³	2,210,000	8,610	8,210	19,100,000
China	1,330	1,320	3,460,000	5,440	5,410	12,600,000
Laos	450	448	1,070,000	2,160	2,150	5,030,000
Norway	602	598	1,770,000	4,140	4,120	12,300,000
Philippines	--	--	--	39	39	65,700
South Africa	2,320	2,310	5,800,000	22,000	21,800	55,700,000
Spain	--	--	--	150	149	323,000
Other (2 countries)	3	3	26,400	42	14	133,000
Total	10,600	10,400	27,000,000	86,900	85,600	213,000,000
Other silicon:						
Brazil	653	646	1,660,000	6,190	6,100	15,000,000
Canada	466	456	980,000	3,490	3,430	7,900,000
China	60	59	126,000	1,110	1,090	2,100,000
France	--	--	--	266	261	741,000
Japan	--	--	--	1	1	3,830
Netherlands	--	--	--	9	(4)	10,000
Norway	250	245	678,000	5,010	4,860	12,700,000
Philippines	90	88	171,000	791	771	1,050,000
Sweden	109	15	119,000	349	75	465,000
United Kingdom	35	34	73,600	283	263	609,000
Other (3 countries)	--	--	--	(4)	(4)	21,500
Total	1,660	1,540	3,810,000	17,500	16,900	40,600,000
Total silicon metal	12,500	12,100	61,500,000	106,000	104,000	415,000,000

^cEstimated. XX Not applicable. -- Zero.

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

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

³All or part of these data have been referred to the U.S. Census Bureau for verification.

⁴Less than ½ unit.

Source: U.S. Census Bureau.

TABLE 3B
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN AUGUST 2008^{1,2}

(Metric tons, unless otherwise specified)

Country	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Ferrosilicon:						
55% - 80% silicon, more than 3% Ca:						
Argentina	40	24	\$136,000	40	24	\$136,000
Brazil	1	1	2,640	1	1	2,640
Canada	36	18	20,700	59	30	33,800
China	1,970	1,020	2,580,000	16,800	12,100	20,700,000
Egypt	--	--	--	21	12	21,100
France	72	43	152,000	593	354	1,060,000
Germany	--	--	--	31	19	50,900
Total	2,120	1,110	2,890,000	17,500	12,500	22,100,000
55% - 80% silicon, other:						
Brazil	116	86	274,000	577	429	1,040,000
Canada	839	625	1,500,000	8,220	6,110	12,900,000
China	27,700	20,900	55,600,000	106,000	79,000	145,000,000
Egypt	121	89	266,000	141	104	297,000
France	36	23	75,400	1,360	907	2,750,000
Germany	51	37	226,000	396	292	1,920,000
India	34	25	58,600	216	157	372,000
Norway	16	12	39,400	451	322	940,000
Russia	6,310	4,770	11,900,000	51,900	39,400	82,100,000
Venezuela	5,400	4,050	8,430,000	13,900	10,400	17,400,000
Other (5 countries)	25	19	78,900	281	173	619,000
Total	40,600	30,600	78,400,000	183,000	137,000	266,000,000
Magnesium ferrosilicon:						
Argentina	148	63	450,000	1,090	462	2,830,000
Canada	773	292	887,000	6,160	2,790	7,610,000
China	--	--	--	554	262	618,000
Germany	--	--	--	10	3	14,400
Japan	15	8	72,800	62	28	217,000
South Africa	19	8	38,400	75	34	147,000
Total	955	371	1,450,000	7,950	3,580	11,400,000
Other ferrosilicon:						
Brazil	38	17	24,300	98	46	129,000
Canada	839	355	830,000	6,550	2,280	6,690,000
China	10,600	1,410	5,520,000	17,800	2,390	8,590,000
France	17	8	23,600	18	9	26,200
Poland	--	--	--	12	5	21,900
Russia	--	--	--	2,580	1,220	3,330,000
Total	11,500	1,790	6,400,000	27,000	5,960	18,800,000
Total ferrosilicon	55,200	33,900	89,200,000	236,000	159,000	318,000,000

See footnotes at end of table

TABLE 3B--Continued
U.S. IMPORTS FOR CONSUMPTION OF FERROSILICON AND SILICON METAL IN AUGUST 2008^{1,2}

(Metric tons, unless otherwise specified)

	Gross weight	Contained weight	Value	Year to date		
				Gross weight	Contained weight	Value
Metal:						
More than 99.99% silicon:						
Canada	21	XX	\$771,000	248	XX	\$3,940,000
China	9	XX	381,000	101	XX	8,760,000
Denmark	(3)	XX	192,000	5	XX	2,470,000
Germany	140	XX	14,500,000	930	XX	90,700,000
Italy	19	XX	1,350,000	155	XX	11,900,000
Japan	37	XX	7,190,000	310	XX	54,200,000
Korea, Republic of	2	XX	214,000	48	XX	4,200,000
Poland	2	XX	88,400	12	XX	644,000
Taiwan	5	XX	203,000	45	XX	7,970,000
United Kingdom	1	XX	60,800	4	XX	546,000
Other (13 countries)	5	XX	686,000	16	XX	1,650,000
Total	241	241^c	25,600,000	1,870	1,870^c	187,000,000
99.00% - 99.99% silicon:						
Australia	1,240	1,230	3,120,000	12,300	11,900	30,800,000
Belgium	--	--	--	280	278	560,000
Brazil	4,600	4,570	11,800,000	37,600	37,400	91,000,000
Canada	1,480	1,000	3,310,000	10,100	9,210	22,400,000
China	630	627	1,680,000	6,070	6,040	14,200,000
Korea, Republic of	323	6 ³	420,000	323	6	420,000
Laos	270	269	642,000	2,430	2,420	5,670,000
Norway	605	601	1,780,000	4,750	4,720	14,100,000
South Africa	5,200	5,170	13,300,000	27,200	27,000	69,000,000
Spain	--	--	--	150	149	323,000
Other (4 countries)	7	7	46,700	88	59	245,000
Total	14,400	13,500	36,100,000	101,000	99,100	249,000,000
Other silicon:						
Brazil	301	298	800,000	6,490	6,400	15,800,000
Canada	378	371	781,000	3,870	3,810	8,680,000
China	--	--	--	1,110	1,090	2,100,000
France	--	--	--	266	261	741,000
Netherlands	--	--	--	9	(4)	10,000
Norway	528	517	1,470,000	5,540	5,370	14,200,000
Philippines	90	89	224,000	880	860	1,270,000
Spain	5	(4)	5,640	5	(4)	5,640
Sweden	48	7	52,700	397	81	517,000
United Kingdom	88	81	241,000	371	345	850,000
Other (5 countries)	5	(4)	5,090	6	2	30,400
Total	1,440	1,360	3,580,000	18,900	18,200	44,200,000
Total silicon metal	16,000	15,100	65,300,000	122,000	119,000	480,000,000

^cEstimated. XX Not applicable. -- Zero.

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

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

³All or part of these data have been referred to the U.S. Census Bureau for verification.

⁴Less than ½ unit.

Source: U.S. Census Bureau.