

Mineral Industry Surveys

For information, contact:

Emily K. Schnebele, Silicon Commodity Specialist
 National Minerals Information Center
 Telephone: (703) 648-4945
 Email: eschnebele@usgs.gov

Michelle Blackwell (Data)
 Telephone: (703) 648-7943
 Email: mblackwell@usgs.gov

Internet: <https://www.usgs.gov/centers/national-minerals-information-center/mineral-industry-surveys>

SILICON IN AUGUST 2025

Production and ending stocks of silicon alloys and metal in August 2025 were withheld to avoid disclosing company proprietary information. Net shipments of silicon alloys and metal were 20,500 metric tons (t) in August 2025, 17% more than those in July 2025 (table 1).

On a silicon content basis, total ferrosilicon imports were 5,670 t in August 2025, 61% less than those in July 2025 and 51% less than those in August 2024 (fig. 1, table 5). Total silicon metal imports, on a silicon content basis, were 11,500 t in August 2025, 2% less than those in July 2025 and 26% more than those in August 2024 (fig. 1, table 6).

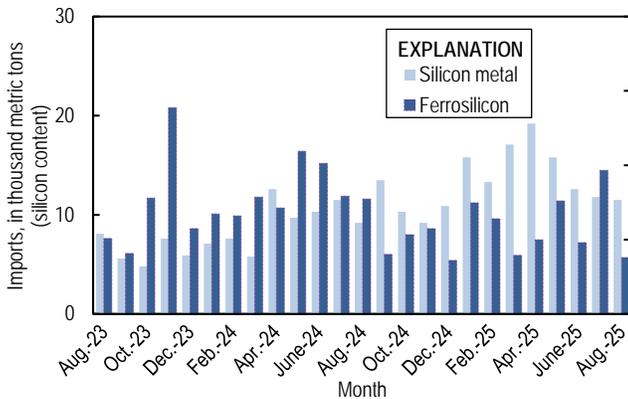


Figure 1. Ferrosilicon and silicon metal imports from August 2023 through August 2025. Source: U.S. Census Bureau.

In August 2025, the leading export destinations for silicon metal, on a silicon content basis in descending order of quantity, more than 99.99% silicon trade category, were Vietnam (1,250 t), Japan (740 t), and Taiwan (594 t) (table 4). In August 2025, the leading import sources for ferrosilicon, on a silicon content basis in descending order of quantity, 55%–80% grade, were Canada (1,000 t), Iceland (826 t), and Brazil (801 t) and the leading import sources for silicon metal, 99.00%–99.99% silicon trade category, were Brazil (4,530 t), Norway (2,020 t), and Canada (1,880 t) (tables 5, 6).

Prices

The average U.S. spot price for ferrosilicon, 75% grade silicon content, was 138.75 cents per pound in August 2025, 3% less than the average price in July 2025 and 3% more than the average price August 2024. The average U.S. spot price for silicon metal was 140.00 cents per pound in August 2025, 4% more than the average price in July 2025 and 26% less than the average price in August 2024 (fig. 2, table 2).

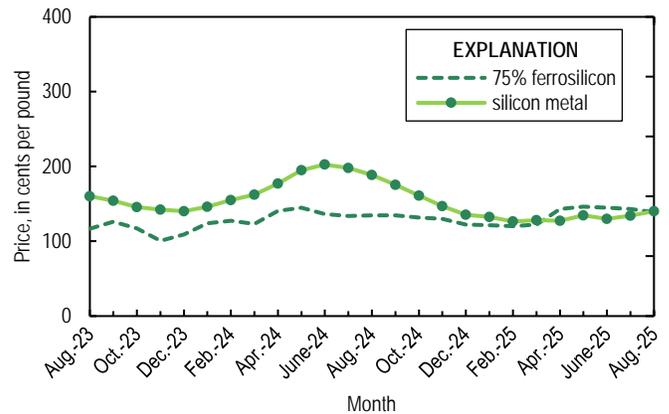


Figure 2. Average monthly spot prices for ferrosilicon, 75% grade silicon content, and silicon metal from August 2023 through August 2025. Source: S&P Global Platts Metals Week.

A worksheet has been added to the Excel table files that includes a button to remove text and numerical footnotes from data cells. This will allow users to only have numbers in data cells. Please see the worksheet titled RemoveTextButton for instructions in how to use the tool. Note: you must download the excel file in order to use the tool.

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TABLE 1. Production, shipments, and stocks of silicon alloys and metal in the United States. [Data are rounded to no more than three significant digits; may not add to totals shown. Includes ferrosilicon, miscellaneous silicon alloys, and silicon metal, excluding semiconductor and solar grades, except where noted. Includes USGS estimates. Data are in metric tons, gross weight. Revised data are marked with a superscript "r". W Withheld to avoid disclosing company proprietary data.]

Year to date	Gross production¹	Net shipments	Producers' stocks, end of period
2024			
August	W	W	19,400
September	19,200	13,600	18,800
October	W	21,800	16,900
November	W	W	W
December	W	20,000	W
January–December	W	234,000	W
January–August	W	W	19,400
2025			
January	W	W	W
February	W	20,300	W
March	W	19,300	W
April	W	21,200	20,700
May	W	W	22,300
June	W	18,900 ^r	22,600
July	W	17,500 ^r	W
August	W	20,500	W
January–August	W	151,000	W

¹Ferrosilicon production includes material consumed in the production of miscellaneous silicon alloys.

TABLE 2. Prices for ferrosilicon and silicon metal in August 2025.

Product	Currency	Low	Average	High
Ferrosilicon (75%) ¹	cents per pound	130.00	138.75	150.00
Silicon metal, 553 grade ²	cents per pound	135.00	140.00	145.00

¹S&P Global Platts Metals Week, in U.S. warehouse, U.S. origin and imported material. Average price reported for all transactions during the month.

²S&P Global Platts Metals, duty paid, delivered Midwest, U.S. spot and imported 553 grade silicon metal (minimum 98.50% silicon). Average price reported for all transactions during the month.

TABLE 3. U.S. exports of ferrosilicon in 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, unless otherwise specified. Source: U.S. Census Bureau (<https://usatrade.census.gov/>.)]

Product, country or locality, and Schedule B code	August			January–August ¹		
	Gross weight	Silicon content	Value (dollars)	Gross weight	Silicon content	Value (dollars)
Ferrosilicon						
More than 55% silicon (7202.21.0000) ²						
Brazil	4	2	18,400	12	7	32,200
Canada	53	32	105,000	482	289	1,030,000
France	0	0	0	60	40	173,000
Germany	0	0	0	0	0	0
India	0	0	0	166	125	335,000
Israel	0	0	0	6	3	10,300
Japan	0	0	0	2	1	4,000
Mexico	3	2	10,200	100	60	265,000
Netherlands	233	140	128,000	433	260	249,000
Singapore	0	0	0	1	1	7,950
Other [3 countries and (or) localities]	0	0	0	69	44	100,000
Total	293	176	261,000	1,330	831	2,210,000
Other ferrosilicon (7202.29.0000) ²						
Belgium	18	8	15,300	234	104	203,000
Brazil	19	10	53,200	156	78	426,000
Canada	21	10	94,500	387	167	999,000
China	0	0	0	18	9	42,800
Ghana	0	0	0	0	0	0
India	0	0	0	100	50	138,000
Malaysia	0	0	0	119	59	183,000
Mexico	21	11	55,400	265	131	787,000
Singapore	0	0	0	21	11	93,500
Switzerland	2	1	5,460	42	19	89,500
Other [1 countries and (or) localities]	0	0	0	8	3	7,500
Total	81	40	224,000	1,350	632	2,970,000
Total ferrosilicon	374	215	485,000	2,680	1,460	5,180,000

¹May include revisions to previously published data.

²Presentation of monthly data is based on the quantities (gross weight) of the leading countries and (or) localities.

TABLE 4. U.S. exports of silicon metal in 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, unless otherwise specified. Source: U.S. Census Bureau (<https://usatrade.census.gov/>.)]

Product, country or locality, and Schedule B code	August			January–August ¹		
	Gross weight	Silicon content	Value (dollars)	Gross weight	Silicon content	Value (dollars)
Metal						
More than 99.99% silicon (2804.61.0000) ²						
China	0	0	0	823	823	25,300,000
Germany	58	58	4,820,000	1,420	1,420	84,400,000
Japan	740	740	38,900,000	4,130	4,130	207,000,000
Korea, Republic of	98	98	3,960,000	668	668	26,700,000
Malaysia	3	3	502,000	2,080	2,080	9,860,000
Netherlands	0	0	0	84	84	138,000
Peru	0	0	0	73	73	334,000
Singapore	(³)	(³)	9,460	453	453	11,300,000
Taiwan	594	594	2,120,000	1,290	1,290	12,000,000
Vietnam	1,250	1,250	27,700,000	8,580	8,580	187,000,000
Other [25 countries and (or) localities]	3	3	258,000	148	148	4,080,000
Total	2,750	2,750	78,300,000	19,700	19,700	567,000,000
99.00%–99.99% silicon (2804.69.1000) ²						
China	0	0	0	10	10	14,400
France	0	0	0	51	50	71,800
Hong Kong	0	0	0	5	5	7,500
Israel	0	0	0	11	11	15,000
Malaysia	9	8	12,000	70	69	98,800
Mexico	0	0	0	69	68	96,700
Netherlands	0	0	0	47	47	54,600
Norway	0	0	0	96	95	88,700
Singapore	4	4	6,180	27	27	38,200
Slovakia	0	0	0	59	58	57,400
Other [7 countries and (or) localities]	2	2	3,000	13	13	17,800
Total	15	15	21,200	458	454	561,000
Other silicon (2804.69.5000) ²						
Australia	(³)	(³)	2,820	(³)	(³)	2,820
Belgium	0	0	0	20	19	31,300
Canada	43	42	36,600	274	266	271,000
China	0	0	0	10	10	13,100
India	1	1	4,580	1	1	4,580
Mexico	10	10	15,000	114	111	291,000
Panama	14	14	35,000	25	24	49,300
South Africa	0	0	0	116	112	153,000
Trinidad and Tobago	0	0	0	88	86	132,000
Vietnam	117	114	1,380,000	1,070	1,040	11,100,000
Other [4 countries and (or) localities]	0	0	0	12	12	27,500
Total	187	181	1,470,000	1,730	1,680	12,100,000
Total silicon metal	2,950	2,950	79,800,000	21,900	21,900	580,000,000

¹May include revisions to previously published data.

²Presentation of monthly data is based on the quantities (gross weight) of the leading countries and (or) localities.

³Less than ½ unit.

TABLE 5. U.S. imports of ferrosilicon in 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, unless otherwise specified.
Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product, country or locality, and HTS ¹ Code	August			January–August ²		
	Gross weight	Silicon content	Value (dollars)	Gross weight	Silicon content	Value (dollars)
Ferrosilicon						
55%–80% silicon, more than 3% Ca (7202.21.1000)						
China	0	0	0	50	30	93,300
France	0	0	0	199	126	708,000
India	0	0	0	18	14	31,300
South Africa	0	0	0	128	81	367,000
Spain	0	0	0	2	1	4,380
Thailand	0	0	0	24	14	41,300
Total	0	0	0	421	266	1,250,000
55%–80% silicon, other (7202.21.5000) ³						
Azerbaijan	0	0	0	7,960	5,900	10,300,000
Bhutan	370	278	501,000	2,570	1,940	3,370,000
Brazil	1,060	801	1,590,000	10,500	7,880	16,800,000
Canada	1,370	1,000	3,490,000	13,300	9,800	31,200,000
Iceland	1,080	826	1,780,000	8,570	6,540	13,800,000
India	530	402	707,000	7,990	5,980	11,400,000
Kuwait	297	225	442,000	3,030	2,210	3,800,000
Malaysia	0	0	0	5,900	4,390	6,820,000
Norway	319	236	565,000	4,990	3,750	7,720,000
Vietnam	540	422	823,000	10,900	8,300	15,600,000
Other [12 countries and (or) localities]	713	527	1,830,000	10,700	7,930	21,700,000
Total	6,280	4,720	11,700,000	86,500	64,600	143,000,000
80%–90% ferrosilicon (7202.21.7500)						
Germany	0	0	0	27	22	88,700
Japan	0	0	0	121	100	141,000
Total	0	0	0	148	122	230,000
More than 90% ferrosilicon (7202.21.9000)						
Japan	0	0	0	(⁴)	(⁴)	5,270
Magnesium ferrosilicon (7202.29.0010)						
Brazil	538	245	728,000	2,100	933	3,320,000
Canada	880	413	2,470,000	7,480	3,470	22,100,000
Germany	14	6	41,500	47	21	140,000
India	89	42	162,000	983	450	1,860,000
Kuwait	0	0	0	4	2	4,140
Mexico	20	10	52,000	94	46	248,000
Spain	0	0	0	46	21	43,300
Thailand	114	58	185,000	1,660	714	2,750,000
United Kingdom	0	0	0	51	24	102,000
Total	1,660	774	3,640,000	12,500	5,680	30,600,000
Other ferrosilicon (7202.29.0050) ³						
Belgium	0	0	0	20	11	62,200
Canada	498	142	839,000	5,990	1,990	9,150,000
China	0	0	0	55	25	110,000
France	41	18	59,700	68	30	139,000
Germany	0	0	0	16	7	36,600
India	17	8	56,000	41	19	114,000
Mexico	0	0	0	20	10	52,000
Norway	0	0	0	136	60	99,300
Slovakia	39	6	70,400	234	34	431,000
Thailand	0	0	0	41	22	72,700
Other [3 countries and (or) localities]	0	0	0	79	13	119,000
Total	595	174	1,030,000	6,700	2,220	10,400,000
Total ferrosilicon	8,530	5,670	16,400,000	106,000	72,900	185,000,000

¹Harmonized Tariff Schedule of the United States.

²May include revisions to previously published data.

³Presentation of monthly data is based on the quantities (gross weight) of the leading countries and (or) localities.

⁴Less than ½ unit.

TABLE 6. U.S. imports of silicon metal in 2025.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons, unless otherwise specified. Source: U.S. Census Bureau (<https://usatrade.census.gov/>).]

Product, country or locality, and HTS ¹ Code	August			January–August ²		
	Gross weight	Silicon content	Value (dollars)	Gross weight	Silicon content	Value (dollars)
Metal						
More than 99.99% silicon (2804.61.0000) ³						
Brazil	0	0	0	321	321	1,270,000
China	1	1	235,000	23	23	1,460,000
Germany	39	39	5,390,000	452	452	40,400,000
Japan	1	1	390,000	39	39	4,500,000
Korea, South	0	0	0	68	68	1,780,000
Laos	4	4	274,000	4	4	274,000
Malaysia	431	431	6,580,000	3,340	3,340	51,400,000
Norway	0	0	0	4	4	49,600
Taiwan	24	24	2,330,000	189	189	19,800,000
Vietnam	1	1	80,400	23	23	1,130,000
Other [9 countries and (or) localities]	3	3	247,000	11	11	2,560,000
Total	504	504	15,500,000	4,470	4,470	125,000,000
99.00%–99.99% silicon (2804.69.1000) ³						
Angola	0	0	0	1,600	1,590	3,330,000
Australia	477	474	1,480,000	7,550	7,510	23,000,000
Brazil	4,560	4,530	14,700,000	46,400	46,000	146,000,000
Canada	1,890	1,880	6,560,000	17,200	17,100	58,700,000
China	0	0	0	602	597	1,320,000
Germany	0	0	0	88	87	250,000
Hong Kong	1,300	1,290	1,980,000	2,450	2,430	4,130,000
Malaysia	302	300	695,000	8,090	8,040	18,600,000
Norway	2,040	2,020	6,170,000	11,100	11,100	34,200,000
Other [8 countries and (or) localities]	0	0	0	3,950	3,920	8,050,000
Total	10,600	10,500	31,600,000	99,100	98,400	298,000,000
Other silicon (2804.69.5000) ³						
Angola	0	0	0	1,230	946	1,760,000
Australia	0	0	0	196	193	560,000
Bahrain	0	0	0	98	51	311,000
Belgium	0	0	0	128	125	695,000
Brazil	184	171	447,000	9,480	9,190	27,600,000
China	19	19	53,500	273	268	764,000
France	20	20	70,000	100	98	358,000
Japan	2	2	12,900	34	32	150,000
Norway	315	307	868,000	1,930	1,700	4,720,000
Turkey	(⁴)	(⁴)	4,040	(⁴)	(⁴)	4,040
Other [10 countries and (or) localities]	0	0	0	1,910	1,650	3,960,000
Total	540	519	1,460,000	15,400	14,300	40,900,000
Total silicon metal	11,600	11,500	48,600,000	119,000	117,000	463,000,000

¹Harmonized Tariff Schedule of the United States.

²May include revisions to previously published data.

³Presentation of monthly data is based on the quantities (gross weight) of the leading countries and (or) localities.

⁴Less than ½ unit.