

Mineral Industry Surveys

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SILICON IN NOVEMBER 2025

Production and ending stocks of silicon alloys and metal in November 2025 were withheld to avoid disclosing company proprietary information. Net shipments of silicon alloys and metal were 17,600 metric tons (t) in November 2025 (table 1).

On a silicon content basis, total ferrosilicon imports were 7,370 t in November 2025, 1% more than those in October 2025 and 15% less than those in November 2024 (fig. 1, table 5). Total silicon metal imports, on a silicon content basis, were 14,700 t in November 2025, 34% more than those in October 2025 and 60% more than those in November 2024 (fig. 1, table 6).

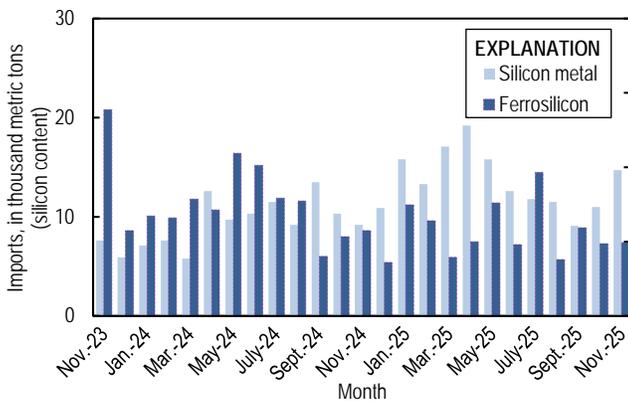


Figure 1. Ferrosilicon and silicon metal imports from November 2023 through November 2025. Source: U.S. Census Bureau.

In November 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 (1,540 t), Japan (965 t), and Malaysia (659 t) (table 4). In November 2025, the leading import sources for ferrosilicon, on a silicon content basis in descending order of quantity, 55%–80% grade, were Canada (1,380 t), Norway (1,110 t), and Vietnam (1,080 t) and the leading import sources for silicon metal, 99.00%–99.99% silicon trade category, were Brazil (9,290 t), Canada (2,760 t), and Vietnam (495 t) (tables 5, 6).

Prices

The average U.S. spot price for ferrosilicon, 75% grade silicon content, was 127.50 cents per pound in November 2025, 11% less than the average price in October 2025 and 2% less than the average price November 2024. The average U.S. spot price for silicon metal was 140.00 cents per pound in November 2025, 3% less than the average price in October 2025 and 5% less than the average price in November 2024 (fig. 2, table 2).

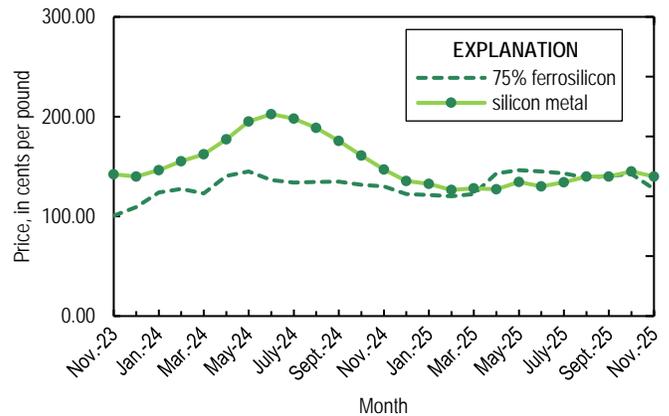


Figure 2. Average monthly spot prices for ferrosilicon, 75% grade silicon content, and silicon metal from November 2023 through November 2025. Source: S&P Global Platts Metals Week.

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. W Withheld to avoid disclosing company proprietary data.]

Year to date	Gross production¹	Net shipments	Producers' stocks, end of period
2024			
November	W	W	W
December	W	20,000	W
January–December	W	234,000	W
January–November	W	W	W
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	22,600
July	W	17,500	W
August	W	20,500	W
September	W	19,100	20,900
October	W	W	W
November	W	17,600	W
January–November	W	204,000	W

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

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

Product	Currency	Low	Average	High
Ferrosilicon (75%) ¹	cents per pound	105.00	127.50	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	November			January–November ¹		
	Gross weight	Silicon content	Value (dollars)	Gross weight	Silicon content	Value (dollars)
Ferrosilicon						
More than 55% silicon (7202.21.0000) ²						
Brazil	0	0	0	12	7	32,200
Canada	76	46	180,000	640	384	1,420,000
France	0	0	0	60	40	173,000
Germany	0	0	0	40	29	47,600
India	39	23	37,500	205	149	372,000
Japan	20	15	13,700	22	16	17,700
Mexico	5	3	18,700	133	83	368,000
Netherlands	0	0	0	433	260	249,000
Slovenia	0	0	0	20	15	35,600
Sweden	0	0	0	41	24	48,600
Other [3 countries and (or) localities]	0	0	0	17	10	37,100
Total	141	87	250,000	1,620	1,020	2,800,000
Other ferrosilicon (7202.29.0000) ²						
Belgium	0	0	0	288	128	247,000
Brazil	0	0	0	156	78	426,000
Canada	11	6	50,400	464	199	1,270,000
Germany	60	27	133,000	80	36	160,000
India	0	0	0	100	50	138,000
Malaysia	0	0	0	119	59	183,000
Mexico	46	23	132,000	364	181	1,110,000
Spain	59	27	120,000	66	30	128,000
Sweden	40	18	47,600	40	18	47,600
Switzerland	7	4	18,000	49	23	107,000
Other [3 countries and (or) localities]	0	0	0	55	27	180,000
Total	223	104	501,000	1,780	830	3,990,000
Total ferrosilicon	363	192	750,000	3,400	1,850	6,800,000

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	November			January–November 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	2,480	2,480	35,800,000
Germany	0	0	0	1,540	1,540	94,100,000
Indonesia	300	300	4,800,000	716	716	11,700,000
Japan	965	965	48,600,000	6,430	6,430	327,000,000
Korea, Republic of	98	98	3,860,000	883	883	35,500,000
Malaysia	659	659	13,500,000	2,850	2,850	24,900,000
Singapore	76	76	1,880,000	554	554	13,500,000
Taiwan	(³)	(³)	8,280	1,350	1,350	12,600,000
United Kingdom	1	1	153,000	10	10	1,580,000
Vietnam	1,540	1,540	25,900,000	12,800	12,800	267,000,000
Other [29 countries and (or) localities]	472	472	2,010,000	1,050	1,050	6,320,000
Total	4,110	4,110	101,000,000	30,700	30,700	830,000,000
99.00%–99.99% silicon (2804.69.1000) ²						
Belgium	72	71	66,500	72	71	66,500
France	0	0	0	51	50	71,800
Germany	5	5	6,730	11	11	16,100
Israel	0	0	0	11	11	15,000
Malaysia	17	17	24,000	87	86	123,000
Mexico	4	4	4,990	72	72	102,000
Netherlands	49	49	55,200	97	96	110,000
Norway	0	0	0	96	95	88,700
Singapore	0	0	0	36	35	50,200
Slovakia	0	0	0	59	58	57,400
Other [10 countries and (or) localities]	7	7	9,430	40	39	56,100
Total	153	152	167,000	631	625	756,000
Other silicon (2804.69.5000) ²						
Belgium	0	0	0	20	19	31,300
Canada	80	78	78,400	442	430	438,000
Ecuador	0	0	0	14	14	35,000
Mexico	1	1	3,240	122	119	309,000
Panama	0	0	0	67	65	105,000
Philippines	35	34	141,000	35	34	141,000
South Africa	35	34	46,600	179	174	236,000
Thailand	0	0	0	8	8	31,500
Trinidad and Tobago	0	0	0	88	86	132,000
Vietnam	111	105	1,300,000	1,410	1,360	15,100,000
Other [7 countries and (or) localities]	0	0	0	35	34	62,500
Total	262	252	1,570,000	2,420	2,340	16,600,000
Total silicon metal	4,520	4,510	103,000,000	33,800	33,700	847,000,000

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	November			January–November 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	148	37	155,000
France	19	11	64,900	389	240	1,370,000
India	0	0	0	18	14	31,300
South Africa	0	0	0	128	81	367,000
Spain	0	0	0	4	3	9,050
Thailand	0	0	0	24	14	41,300
Total	19	11	64,900	711	388	1,970,000
55%–80% silicon, other (7202.21.5000) ³						
Azerbaijan	1,290	945	1,680,000	12,900	9,560	16,900,000
Bhutan	425	322	535,000	3,260	2,460	4,260,000
Brazil	27	20	73,900	10,800	8,140	17,400,000
Canada	1,860	1,380	4,400,000	18,500	13,700	43,600,000
Iceland	582	448	855,000	15,900	12,100	24,500,000
India	261	190	413,000	8,730	6,530	12,600,000
Kuwait	757	558	942,000	4,170	3,040	5,190,000
Malaysia	0	0	0	5,900	4,380	6,820,000
Norway	1,480	1,110	2,500,000	6,480	4,860	10,200,000
Vietnam	1,430	1,080	1,950,000	14,600	11,000	20,700,000
Other [15 countries and (or) localities]	546	401	1,200,000	13,100	9,710	25,900,000
Total	8,670	6,460	14,600,000	114,000	85,500	188,000,000
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
Spain	0	0	0	(⁴)	(⁴)	3,520
Total	0	0	0	(⁴)	(⁴)	8,780
Magnesium ferrosilicon (7202.29.0010)						
Brazil	26	9	57,000	2,350	1,040	3,700,000
Canada	1,060	493	2,790,000	10,500	4,890	30,700,000
France	0	0	0	27	12	79,200
Germany	0	0	0	62	28	183,000
India	191	69	335,000	1,370	609	2,580,000
Kuwait	0	0	0	4	2	4,140
Mexico	8	4	30,200	223	109	498,000
Spain	0	0	0	46	21	43,300
Thailand	370	109	568,000	2,030	823	3,310,000
United Kingdom	0	0	0	51	24	102,000
Total	1,660	684	3,780,000	16,700	7,560	41,200,000
Other ferrosilicon (7202.29.0050) ³						
Belgium	0	0	0	20	11	62,200
Canada	665	206	1,140,000	7,710	2,520	12,100,000
China	0	0	0	102	46	193,000
France	0	0	0	68	30	139,000
India	0	0	0	41	19	114,000
Italy	0	0	0	39	6	77,400
Mexico	3	1	4,900	54	26	119,000
Norway	0	0	0	196	69	188,000
Slovakia	0	0	0	312	45	573,000
Thailand	4	2	7,120	45	24	79,800
Other [3 countries and (or) localities]	0	0	0	57	14	77,900
Total	672	209	1,150,000	8,650	2,810	13,700,000
Total ferrosilicon	11,000	7,370	19,500,000	141,000	96,400	245,000,000

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	November			January–November 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	0	0	41,700	26	26	1,820,000
Finland	0	0	0	1	1	1,800,000
Germany	8	8	2,240,000	598	598	53,500,000
Japan	0	0	129,000	45	45	5,390,000
Korea, Republic of	0	0	0	78	78	2,180,000
Laos	23	23	56,400	39	39	1,160,000
Malaysia	0	0	0	4,730	4,730	73,300,000
Taiwan	35	35	3,150,000	276	276	27,900,000
Vietnam	5	5	128,000	28	28	1,290,000
Other [10 countries and (or) localities]	1	1	14,500	27	27	909,000
Total	73	73	5,760,000	6,170	6,170	171,000,000
99.00%–99.99% silicon (2804.69.1000) ³						
Angola	0	0	0	1,600	1,590	3,330,000
Australia	0	0	0	7,550	7,510	23,000,000
Brazil	9,360	9,290	30,100,000	66,300	65,800	210,000,000
Canada	2,780	2,760	8,850,000	23,500	23,300	79,200,000
France	0	0	0	1,120	1,110	2,280,000
Hong Kong	0	0	0	2,450	2,430	4,130,000
Laos	0	0	0	2,630	2,620	5,490,000
Malaysia	0	0	0	8,200	8,150	18,800,000
Norway	456	453	1,340,000	12,800	12,700	39,000,000
Vietnam	500	495	894,000	845	838	1,570,000
Other [8 countries and (or) localities]	18	18	48,300	1,720	1,710	3,600,000
Total	13,100	13,000	41,200,000	129,000	128,000	391,000,000
Other silicon (2804.69.5000) ³						
Angola	0	0	0	1,230	946	1,760,000
Australia	2	2	6,590	198	195	567,000
Belgium	0	0	0	141	134	801,000
Brazil	1,400	1,360	3,310,000	12,200	11,800	34,200,000
Canada	163	157	550,000	219	212	687,000
China	0	0	0	274	269	771,000
France	97	94	133,000	237	231	630,000
Georgia	0	0	0	940	927	1,960,000
Netherlands	38	19	173,000	199	120	713,000
Norway	0	0	0	2,470	2,230	6,260,000
Other [11 countries and (or) localities]	37	19	121,000	1,100	839	2,430,000
Total	1,730	1,650	4,290,000	19,200	17,900	50,700,000
Total silicon metal	14,900	14,700	51,300,000	154,000	152,000	612,000,000

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.