

Mineral Industry Surveys

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SILICON IN OCTOBER 2025

Production, net shipments, and ending stocks of silicon alloys and metal in October 2025 were withheld to avoid disclosing company proprietary information (table 1).

On a silicon content basis, total ferrosilicon imports were 7,270 metric tons (t) in October 2025, 18% less than those in September 2025 and 9% less than those in October 2024 (fig. 1, table 5). Total silicon metal imports, on a silicon content basis, were 11,000 t in October 2025, 22% more than those in September 2025 and 7% more than those in October 2024 (fig. 1, table 6).

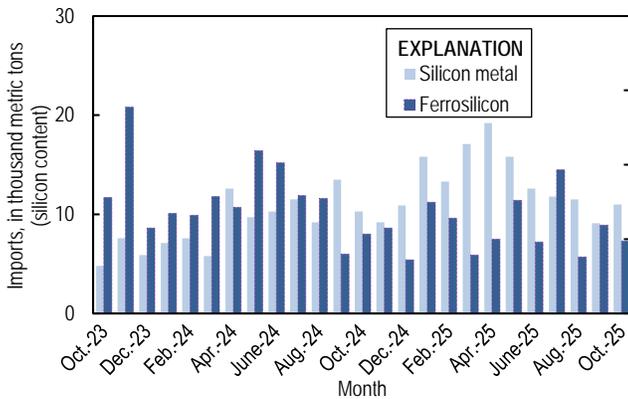


Figure 1. Ferrosilicon and silicon metal imports from October 2023 through October 2025. Source: U.S. Census Bureau.

In October 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 (1,790 t), Japan (473 t), and Thailand (293 t) (table 4). In October 2025, the leading import sources for ferrosilicon, on a silicon content basis in descending order of quantity, 55%–80% grade, were Azerbaijan (1,710 t), Canada (1,590 t), and Iceland (1,410 t) and the leading import sources for silicon metal, 99.00%–99.99% silicon trade category, were Brazil (5,720 t), Canada (1,630 t), and France (1,020 t) (tables 5, 6).

Prices

The average U.S. spot price for ferrosilicon, 75% grade silicon content, was 142.50 cents per pound in October 2025, 1% more than the average price in September 2025 and 8% more than the average price October 2024. The average U.S. spot price for silicon metal was 145.00 cents per pound in October 2025, 4% more than the average price in September 2025 and 10% less than the average price in October 2024 (fig. 2, table 2).

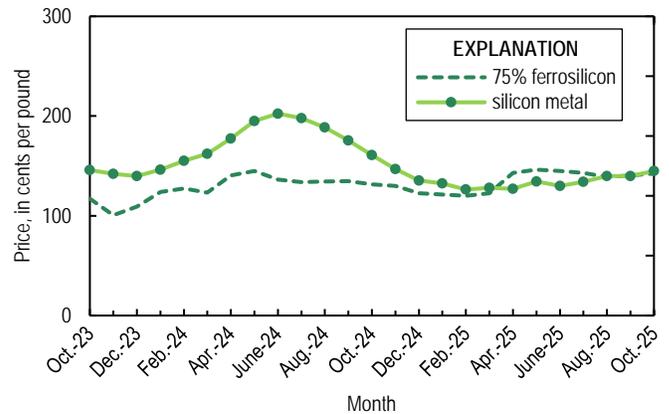


Figure 2. Average monthly spot prices for ferrosilicon, 75% grade silicon content, and silicon metal from October 2023 through October 2025. Source: S&P Global Platts Metals Week.

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			
October	W	21,800	16,900
November	W	W	W
December	W	20,000	W
January–December	W	234,000	W
January–October	W	W	16,900
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
January–October	W	187,000	W

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

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

Product	Currency	Low	Average	High
Ferrosilicon (75%) ¹	cents per pound	135.00	142.50	150.00
Silicon metal, 553 grade ²	cents per pound	135.00	145.00	155.00

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	October			January–October 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	16	10	56,300	563	338	1,240,000
France	0	0	0	60	40	173,000
Germany	20	15	23,700	40	29	47,600
India	0	0	0	166	125	335,000
Mexico	25	18	76,000	128	80	349,000
Netherlands	0	0	0	433	260	249,000
Slovenia	0	0	0	20	15	35,600
Sweden	0	0	0	41	24	48,600
Switzerland	1	1	2,940	10	6	18,800
Other [3 countries and (or) localities]	0	0	0	9	6	22,300
Total	63	43	159,000	1,480	930	2,550,000
Other ferrosilicon (7202.29.0000) ²						
Belgium	36	16	27,900	288	128	247,000
Brazil	0	0	0	156	78	426,000
Canada	11	5	49,000	453	194	1,220,000
China	0	0	0	23	12	55,700
Germany	20	9	27,300	20	9	27,300
Ghana	9	5	28,100	10	5	31,300
India	0	0	0	100	50	138,000
Malaysia	0	0	0	119	59	183,000
Mexico	34	17	113,000	318	158	979,000
Singapore	0	0	0	21	11	93,500
Other [2 countries and (or) localities]	0	0	0	50	23	97,000
Total	110	53	245,000	1,560	726	3,490,000
Total ferrosilicon	173	96	404,000	3,040	1,660	6,050,000

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	October			January–October ¹		
	Gross weight	Silicon content	Value (dollars)	Gross weight	Silicon content	Value (dollars)
Metal						
More than 99.99% silicon (2804.61.0000) ²						
China	6	6	48,800	2,480	2,480	35,800,000
Germany	97	97	8,040,000	1,540	1,540	94,100,000
Indonesia	216	216	4,100,000	416	416	6,900,000
Japan	473	473	27,200,000	5,460	5,460	278,000,000
Korea, Republic of	111	111	4,200,000	785	785	31,600,000
Malaysia	42	42	894,000	2,190	2,190	11,400,000
Singapore	9	9	225,000	479	479	11,600,000
Taiwan	26	26	428,000	1,350	1,350	12,600,000
Thailand	293	293	1,130,000	293	293	1,140,000
Vietnam	1,790	1,790	35,000,000	11,300	11,300	241,000,000
Other [27 countries and (or) localities]	13	13	238,000	295	295	4,590,000
Total	3,070	3,070	81,500,000	26,600	26,600	729,000,000
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
Germany	0	0	0	7	7	9,340
Israel	0	0	0	11	11	15,000
Malaysia	0	0	0	70	69	98,800
Mexico	0	0	0	69	68	96,700
Norway	0	0	0	96	95	88,700
Netherlands	0	0	0	47	47	54,600
Singapore	9	8	12,000	36	35	50,200
Slovakia	0	0	0	59	58	57,400
Other [7 countries and (or) localities]	2	2	3,410	23	23	32,300
Total	11	11	15,400	478	473	589,000
Other silicon (2804.69.5000) ²						
Belgium	0	0	0	20	19	31,300
Canada	63	61	63,000	362	352	359,000
China	11	11	14,500	21	20	27,600
Ecuador	14	14	35,000	14	14	35,000
Mexico	8	7	14,800	122	118	306,000
Panama	18	17	23,600	67	65	105,000
South Africa	15	14	19,300	144	139	190,000
Thailand	8	8	31,500	8	8	31,500
Trinidad and Tobago	0	0	0	88	86	132,000
Vietnam	112	106	1,310,000	1,300	1,260	13,800,000
Other [6 countries and (or) localities]	0	0	0	14	13	34,900
Total	248	238	1,520,000	2,160	2,090	15,000,000
Total silicon metal	3,330	3,320	83,000,000	29,200	29,200	744,000,000

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.

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	October			January–October 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	98	7	61,400	148	37	155,000
France	57	34	202,000	370	228	1,300,000
India	0	0	0	18	14	31,300
South Africa	0	0	0	128	81	367,000
Spain	2	1	4,670	4	3	9,050
Thailand	0	0	0	24	14	41,300
Total	156	42	268,000	692	377	1,900,000
55%–80% silicon, other (7202.21.5000) ³						
Azerbaijan	2,310	1,710	2,970,000	11,600	8,620	15,200,000
Brazil	0	0	0	10,800	8,120	17,300,000
Canada	2,150	1,590	4,820,000	16,700	12,300	39,200,000
Iceland	1,830	1,410	3,150,000	15,300	11,700	23,600,000
India	53	39	110,000	8,460	6,340	12,200,000
Kuwait	271	195	331,000	3,410	2,480	4,250,000
Malaysia	0	0	0	5,900	4,380	6,820,000
Norway	0	0	0	4,990	3,750	7,720,000
Paraguay	300	230	382,000	2,960	2,230	3,890,000
Vietnam	1,040	784	1,450,000	13,100	9,970	18,700,000
Other [15 countries and (or) localities]	694	515	1,200,000	12,500	9,220	24,500,000
Total	8,650	6,470	14,400,000	106,000	79,100	173,000,000
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	0	0	0	2,320	1,030	3,650,000
Canada	1,030	480	3,060,000	9,460	4,400	27,900,000
France	0	0	0	27	12	79,200
Germany	15	7	42,800	62	28	183,000
India	33	16	73,600	1,180	540	2,250,000
Kuwait	0	0	0	4	2	4,140
Mexico	100	49	170,000	215	105	468,000
Spain	0	0	0	46	21	43,300
Thailand	0	0	0	1,660	714	2,750,000
United Kingdom	0	0	0	51	24	102,000
Total	1,180	552	3,340,000	15,000	6,870	37,400,000
Other ferrosilicon (7202.29.0050) ³						
Canada	544	169	980,000	7,050	2,310	11,000,000
China	47	21	83,700	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	20	10	29,400	51	25	114,000
Norway	0	0	0	196	69	188,000
Slovakia	78	11	142,000	312	45	573,000
South Africa	0	0	0	38	6	35,000
Thailand	0	0	0	41	22	72,700
Other [3 countries and (or) localities]	0	0	0	39	19	105,000
Total	689	211	1,240,000	7,980	2,600	12,600,000
Total ferrosilicon	10,700	7,270	19,300,000	130,000	89,000	225,000,000

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	October			January–October 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	3	3	299,000	26	26	1,780,000
Germany	35	35	3,500,000	590	590	51,200,000
Japan	4	4	537,000	45	45	5,260,000
Korea, South	0	0	0	78	78	2,180,000
Laos	1	1	49,000	16	16	1,100,000
Malaysia	855	855	13,700,000	4,730	4,730	73,300,000
Singapore	12	12	29,000	14	14	61,100
Taiwan	24	24	2,300,000	240	240	24,700,000
Vietnam	1	1	34,500	23	23	1,160,000
Other [10 countries and (or) localities]	(⁴)	(⁴)	52,300	12	12	2,640,000
Total	935	935	20,500,000	6,090	6,090	165,000,000
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	5,760	5,720	18,100,000	56,900	56,500	180,000,000
Canada	1,640	1,630	5,330,000	20,700	20,600	70,400,000
China	0	0	0	602	597	1,320,000
France	1,030	1,020	2,070,000	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	105	104	231,000	8,200	8,150	18,800,000
Norway	760	755	2,130,000	12,400	12,300	37,700,000
Other [8 countries and (or) localities]	0	0	0	1,440	1,430	2,900,000
Total	9,290	9,230	27,900,000	116,000	115,000	349,000,000
Other silicon (2804.69.5000) ³						
Angola	0	0	0	1,230	946	1,760,000
Australia	0	0	0	196	193	560,000
Belgium	13	9	106,000	141	134	801,000
Brazil	528	507	1,440,000	10,800	10,500	30,900,000
China	1	1	6,670	274	269	771,000
Georgia	0	0	0	940	927	1,960,000
Hong Kong	0	0	0	373	190	360,000
Malaysia	0	0	0	181	179	417,000
Netherlands	(⁴)	(⁴)	6,390	162	101	541,000
Norway	217	213	582,000	2,470	2,230	6,260,000
Other [11 countries and (or) localities]	152	147	422,000	709	642	2,170,000
Total	909	876	2,570,000	17,500	16,300	46,500,000
Total silicon metal	11,100	11,000	50,900,000	139,000	137,000	561,000,000

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.