Vanadium in August 2026

This workbook includes 3 tables.

GENERAL INFORMATION

This publication is provided by the National Minerals Information Center (NMIC), U.S. Geological Survey (USGS).

Includes data available through October 26, 2026, unless otherwise noted.

NMIC data included in Excel tables of the Minerals Yearbook Chapters and Minerals Industry Surveys are considered preliminary, for informational purposes only.

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Unless otherwise noted, totals, United States (U.S.) data, and estimated data are rounded to no more than three significant digits, except prices and unit values; may not add to totals shown. Data may include revisions to previously published data.

FOOTNOTES AND TERMINOLOGY

Year-to-date indicates the sum of all months or quarters for the given year to the given period.

Estimated data contained in a row or column are marked with a superscript “e.” Preliminary data contained in a row or column are marked with a superscript “p.”

Do, ditto. NA, not available. No., number. W, withheld to avoid disclosing company proprietary data. —, not applicable. <0.5, less than half a unit.

TRADE DATA

"Trade data are sourced from the U.S. Census Bureau (https://usatrade.census.gov/). "HTS" refers to the Harmonized Tariff Schedule of the United States, and "Schedule B" refers to the Schedule B export classification system used by the United States."

"Imports" refers to "imports for consumption." The import valuation is the U.S. customs value, as appraised by the U.S. Customs and Border Protection, and is generally defined as the price actually paid or payable for merchandise when sold for exportation to the United States, excluding U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States."

"Exports" refers to "domestic exports." Export valuation is on a free-alongside-ship basis.

CONTACT

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Table 1. U.S. imports of vanadium products.
[Data are in kilograms, unless otherwise specified.]

Material	HTS codes	2026								
		July			August			Year-to-date		
		Gross weight	Vanadium content	Value (thousand dollars)	Gross weight	Vanadium content	Value (thousand dollars)	Gross weight	Vanadium content	Value (thousand dollars)
Vanadium ores and concentrates[1]	2615.90.6090	5,000	3,000	14,200	5,000	3,000	14,200	17,000	10,200	54,200
Vanadium bearing ash and residues[1, 2]	2620.40.0030, 2620.99.1000	NA	NA	2,000,000	19,900	4,110	1,980,000	19,900	4,110	12,300,000
Total[1]	—	—	—	2,010,000	24,900	7,110	2,000,000	36,900	14,300	12,300,000
Ferrovanadium	7202.92.0000	462,000	370,000	10,200,000	299,000	227,000	7,830,000	3,020,000	2,290,000	69,500,000
Vanadium metal, including waste and scrap	8112.92.7000	60	50	32,100	0	0	0	35,600	28,700	1,800,000
Vanadium and articles thereof[3]	8112.99.2000	484	484	39,800	40,400	31,100	847,000	108,000	83,700	2,870,000
Total	—	463,000	371,000	10,300,000	340,000	259,000	8,680,000	3,160,000	2,400,000	74,200,000
Chemical compounds										
Vanadium pentoxide (anhydride)	2825.30.0010	240,000	134,000	3,560,000	60,000	33,500	803,000	2,240,000	1,730,000	31,700,000
Vanadium oxides and hydroxides, other	2825.30.0050	0	0	0	1,880	1,220	20,700	287,000	177,000	3,980,000
Vanadium chlorides	2827.39.1000	8,410	8,010	268,000	101	101	9,820	41,200	40,200	957,000
Vanadium chloride oxide and chloride hydroxide	2827.49.1000	0	0	0	0	0	0	42,600	38,600	646,000
Vanadium sulfates	2833.29.3000	0	0	0	0	0	0	13,700	10,200	169,000
Vanadates	2841.90.1000	0	0	0	0	0	0	522	15	74,500
Hydrides and nitrides of vanadium	2850.00.2000	39,700	30,900	629,000	24,300	19,200	128,000	243,000	192,000	1,900,000
Total	—	288,000	173,000	4,460,000	86,200	54,000	962,000	2,870,000	2,190,000	39,500,000

[1]Data are in kilograms for vanadium content of vanadium pentoxide equivalent.
[2]U.S. Census Bureau has suppressed quantity data for some months; not included in “Total”.
[3]Aluminum-vanadium master alloy consisting of 35% aluminum and 64.5% vanadium.

Table 2. U.S. imports and exports of ferrovanadium, other oxides and hydroxides of vanadium, vanadium ores and concentrates, and vanadium pentoxide (anhydride).

[Presentation of monthly data is based on the quantities (gross weight or contained weight) of the five leading countries or localities in August. Data are in kilograms, gross and contained weight.]

Country or locality	HTS codes and Schedule B numbers	2026					
		July[1]		August		Year-to-date	
		Gross weight	Vanadium content	Gross weight	Vanadium content	Gross weight	Vanadium content
Imports for consumption							
Vanadium ores and concentrates[2]							
China	2615.90.6090	0	0	0	0	37	23
Spain		5,000	3,000	5,000	3,000	17,000	10,200
Total		5,000	3,000	5,000	3,000	17,000	10,200
Vanadium pentoxide (anhydride)[3]							
Brazil	2825.30.0010	0	0	0	0	478,000	382,000
Korea, Republic of		0	0	0	0	60,000	50,900
South Africa		240,000	134,000	60,000	33,500	1,700,000	1,290,000
Other [3 countries and (or) localities]		0	0	0	0	1,540	897
Total		240,000	134,000	60,000	33,500	2,240,000	1,730,000
Other oxides and hydroxides of vanadium							
China	2825.30.0050	0	0	1,880	1,220	3,140	2,040
Other [2 countries and (or) localities]		0	0	0	0	284,000	175,000
Total		0	0	1,880	1,220	287,000	177,000
Ferrovanadium							
Austria	7202.92.0000	12,900	10,300	106,000	81,200	473,000	371,000
Brazil		202,000	161,000	0	0	265,000	212,000
Canada		147,000	118,000	124,000	94,300	1,270,000	1,010,000
India		0	0	9,860	8,280	51,500	40,300
Latvia		0	0	20,000	11,700	183,000	123,000
Taiwan		60,000	47,800	40,000	32,000	240,000	191,000
Other [2 countries and (or) localities]		40,000	32,600	0	0	538,000	348,000
Total		462,000	370,000	299,000	227,000	3,020,000	2,290,000
Exports							
Vanadium ores and concentrates							
Canada	2615.90.6090	0	0	2,550	NA	7,270	NA
Thailand		0	0	3,340	NA	8,100	NA
Other [3 countries and (or) localities]		0	0	0	0	87,900	NA
Total		0	0	5,890	—	103,000	—
Vanadium pentoxide (anhydride)[3]							
Belgium	2825.30.0010	0	0	3,680	NA	57,700	NA
Germany		5,590	NA	0	0	20,200	NA
India		0	0	16,000	NA	40,300	NA
Mexico		42	NA	0	0	1,450	NA
Thailand		15	NA	0	0	15	NA
Other [1 country and (or) locality]		0	0	24	NA	24	NA
Total		5,650	—	19,700	—	120,000	—
Other oxides and hydroxides of vanadium							
Belgium	2825.30.0050	0	0	NA	675	NA	675
Canada		0	0	0	0	NA	25,100
Denmark		NA	10,300	0	0	NA	10,300
India		0	0	0	0	NA	6,000
Other [1 country and (or) locality]		0	0	0	0	NA	725
Total		—	10,300	—	675	—	42,800
Ferrovanadium							
Mexico	7202.92.0000	0	0	20,000	15,000	21,400	16,000
Other [2 countries and (or) localities]		0	0	0	0	5,200	3,900
Total		0	0	20,000	15,000	26,600	19,900

[1]May include revisions to previously published data.

[2]Vanadium content is reported as vanadium pentoxide equivalent.

Table 3. U.S imports and exports of aluminum vanadium master alloy, vanadium bearing ash and residues, vanadium sulfates, vanadates, vanadium metal, and U.S. imports of slag.

[Presentation of monthly data is based on the quantities (gross weight or contained weight) of the leading countries and (or) localities in August. Data are in kilograms, gross and contained weight.]

Country or locality	HTS codes and Schedule B numbers	2026					
		July[1]		August		Year-to-date	
		Gross weight	Vanadium content	Gross weight	Vanadium content	Gross weight	Vanadium content
Imports for consumption							
Slag, from the manufacture of iron and steel							
Canada	2619.00.9000	3,760,000	NA	668,000	NA	46,300,000	NA
Korea, Republic of		55,400	NA	56,800	NA	20,400,000	NA
Mexico		0	0	0	0	415,000	NA
Turkey		0	0	1,360,000	NA	1,360,000	NA
Other [2 countries and (or) localities]		0	0	0	0	103,000	NA
Total		3,820,000	—	2,090,000	—	68,600,000	—
Vanadium bearing ash and residues							
Japan, total	2620.40.0030, 2620.99.1000	NA	NA	19,900	4,110	19,900	4,110
Vanadium sulfates							
China	2833.29.3000	0	0	0	0	9,150	5,710
United Kingdom		0	0	0	0	4,540	4,540
Total		0	0	0	0	13,700	10,200
Vanadates							
China	2841.90.1000	0	0	0	0	7	4
India		0	0	0	0	512	9
Other [2 countries and (or) localities]		0	0	0	0	3	2
Total		0	0	0	0	522	15
Hydrides and nitrides of vanadium							
Canada	2850.00.2000	7,650	6,040	0	0	7,650	6,040
China		28,700	22,300	27	27	88,800	70,400
Ireland		3,270	2,590	24,200	19,100	140,000	110,000
Other [6 countries and (or) localities]		66	57	25	22	6,350	5,070
Total		39,700	30,900	24,300	19,200	243,000	192,000
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Belgium	8112.92.7000, 8112.99.2000	60	50	0	0	3,140	2,170
Canada		0	0	0	0	2,640	2,630
China		0	0	35	28	59,900	46,400
Japan		10	10	0	0	9,090	7,940
Mexico		474	474	0	0	1,140	1,140
Vietnam		0	0	40,400	31,100	40,400	31,100
Other [2 countries and (or) localities]		0	0	0	0	26,900	21,100
Total		544	534	40,400	31,100	143,000	112,000
Exports							
Vanadium bearing ash and residues							
Italy	2620.50.0000, 2620.99.1000	0	0	74,800	NA	74,800	NA
Korea, Republic of		211,000	NA	739,000	NA	2,490,000	NA
Malaysia		0	0	19,000	NA	19,000	NA
Singapore		73,900	NA	0	0	73,900	NA
Thailand		0	0	18,100	NA	37,100	NA
Other [5 countries and (or) localities]		14,800	NA	0	0	160,000	NA
Total		300,000	—	851,000	—	2,850,000	—
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
India	8112.92.7000, 8112.99.2000	21,300	NA	0	0	26,600	NA
Japan		18,400	NA	0	0	42,000	NA
Netherlands		0	0	0	0	16,000	NA
Other [7 countries and (or) localities]		0	0	0	0	6,450	NA
Total		39,700	—	0	0	91,100	—

[1]May include revisions to previously published data.