



Vanadium in March 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 August 17, 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.

Comprehensive data releases and list services for NMIC publications are available at <https://www.usgs.gov/centers/national-minerals-information-center>.

Data in these tables may not include granular footnotes.

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 generally defined as and Border Protection, and generally defined as 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."

CONTACT

For questions on this report, please contact Désirée E. Polyak, dpolyak@usgs.gov.

If you are an industry producer or consumer and would like to contribute to NMIC industry surveys, please contact Sheema Merchant, smerchant@usgs.gov.

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

		2026								
Material	HTS codes	February			March			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	0	0	0	0	0	0	0	0	0
Vanadium bearing ash and residues ^{1, 2}	2620.40.0030, 2620.99.1000	NA	NA	493,000	NA	NA	2,820,000	NA	NA	5,470,000
Total¹	—	—	—	493,000	—	—	2,820,000	—	—	5,470,000
Ferrovanadium	7202.92.0000	330,000	225,000	6,490,000	389,000	292,000	8,920,000	916,000	675,000	20,700,000
Vanadium metal, including waste and scrap	8112.92.7000	1,360	1,140	452,000	1,920	1,630	71,500	6,770	5,700	599,000
Vanadium and articles thereof ²	8112.99.2000	1,260	1,050	156,000	646	646	169,000	2,230	2,030	420,000
Total	—	332,000	227,000	7,100,000	392,000	294,000	9,160,000	925,000	683,000	21,700,000
Chemical compounds										
Vanadium pentoxide (anhydride)	2825.30.0010	320,000	284,000	4,440,000	444,000	344,000	6,160,000	884,000	738,000	12,200,000
Vanadium oxides and hydroxides, other	2825.30.0050	20,000	13,200	274,000	228,000	138,000	2,990,000	249,000	152,000	3,280,000
Vanadium chlorides	2827.39.1000	227	227	5,850	353	352	10,000	9,050	8,650	284,000
Vanadium chloride oxide and chloride hydroxide	2827.49.1000	22,900	19,700	382,000	1,300	1,300	7,290	24,200	21,000	389,000
Vanadium sulfates	2833.29.3000	9,120	6,720	103,000	1,810	1,810	43,000	10,900	8,530	146,000
Vanadates	2841.90.1000	0	0	0	0	0	0	7	4	6,130
Hydrides and nitrides of vanadium	2850.00.2000	40,700	32,100	231,000	9,620	7,620	63,000	68,900	55,100	417,000
Total	—	413,000	356,000	5,430,000	685,000	493,000	9,280,000	1,250,000	984,000	16,700,000

¹Data are in kilograms for vanadium content of vanadium pentoxide equivalent.

²U.S. Census Bureau has suppressed quantity data for some months; not included in “Total”.

³Aluminum-vanadium master alloy consisting of 35% aluminum and 64.5% vanadium.

Table 2. U.S. imports and exports of ferrovandium, 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 March. Data are in kilograms, gross and contained weight.

2026							
Country or locality	HTS codes and Schedule B numbers	February		March		Year-to-date	
		Gross weight	Vanadium content	Gross weight	Vanadium content	Gross weight	Vanadium content
Imports for consumption							
Vanadium ores and concentrates ¹							
Total	2615.90.6090	0	0	0	0	0	0
Vanadium pentoxide (anhydride) ²							
Brazil		40,000	31,100	120,000	67,000	200,000	138000
South Africa	2825.30.0010	280,000	252,000	324,000	277,000	684,000	600,000
Total		320,000	284,000	444,000	344,000	884,000	738,000
Other oxides and hydroxides of vanadium							
Brazil		0	0	228,000	138,000	228,000	138,000
South Africa	2825.30.0050	20,000	13,200	0	0	20,000	13,200
Other [1 country and (or) locality]		0	0	0	0	1,260	815
Total		20,000	13,200	228,000	138,000	249,000	152,000
Ferrovanadium							
Austria		0	0	74,700	59,900	74,700	59,900
Canada		174,000	140,000	202,000	162,000	542,000	436,000
Japan	7202.92.0000	140,000	74,500	60,000	31,800	231,000	131,000
Korea Republic, of		250	198	20,000	16,200	20,500	16,600
Latvia		15,200	10,100	32,900	22,500	48,100	32,600
Total		330,000	225,000	389,000	292,000	916,000	675,000
Exports							
Vanadium ores and concentrates							
Canada		0	0	1,830	NA	1,830	NA
Latvia		3,380	NA	0	0	3,380	NA
Vietnam	2615.90.6090	0	0	3,770	NA	3,770	NA
Other [1 country and (or) locality]		0	0	0	0	2,010	NA
Total		3,380	—	5,600	—	11,000	—
Vanadium pentoxide (anhydride) ¹							
Belgium, total	2825.30.0010	27,000	NA	13,500	NA	40,500	NA
Other oxides and hydroxides of vanadium							
Canada		NA	8,310	NA	4,570	NA	17,700
Germany	2825.30.0050	NA	379	0	0	NA	379
Total		—	8,680	—	4,570	—	18,100
Ferrovanadium							
Mexico		0	0	68	51	68	51
United Kingdom	7202.92.0000	204	153	0	0	204	153
Other [1 country and (or) locality]		0	0	0	0	5,000	3,750
Total		204	153	68	51	5,270	3,950

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 March. Data are in kilograms, gross and contained weight.]

Country or locality	HTS codes and Schedule B numbers	February		March		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		1,410,000	NA	746,000	NA	4,290,000	NA
Japan		0	0	49,000	NA	49,000	NA
Mexico	2619.00.9000	138,000	NA	46,700	NA	295,000	NA
Total		1,550,000	—	842,000	—	4,630,000	—
Vanadium bearing ash and residues							
Total	2620.40.0030, 2620.99.1000	0	0	0	0	0	0
Vanadium sulfates							
China		6,400	3,990	0	0	6,400	3,990
United Kingdom	2833.29.3000	2,720	2,720	1,810	1,810	4,540	4,540
Total		9,120	6,720	1,810	1,810	10,900	8,530
Vanadates							
China, total	2841.90.1000	0	0	0	0	7	4
Hydrides and nitrides of vanadium							
China		5,140	4,060	50	50	8,190	7,110
Ireland		35,400	28,000	9,530	7,530	60,600	47,900
Israel		53	42	0	0	53	42
Italy	2850.00.2000	15	12	0	0	15	12
Korea, Republic of		16	10	38	36	54	46
Total		40,700	32,100	9,620	7,620	68,900	55,100
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Canada		250	250	500	500	1,000	1,000
China		10	8	2	2	65	59
Germany		2,360	1,940	120	120	2,480	2,060
Japan	8112.92.7000, 8112.99.2000	0	0	1,800	1,510	5,260	4,420
Mexico		0	0	144	144	189	189
Total		2,620	2,200	2,570	2,280	8,990	7,730
Exports							
Vanadium bearing ash and residues							
Belgium		0	0	19,500	NA	37,000	NA
India		18,800	NA	0	0	18,800	NA
Korea, Republic of	2620.50.0000, 2620.99.1000	178,000	NA	35,700	NA	896,000	NA
Thailand		0	0	19,000	NA	19,000	NA
Total		197,000	—	74,100	—	971,000	—
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Canada		1,260	NA	0	0	1,260	NA
France		103	NA	0	0	383	NA
Germany		0	0	200	NA	200	NA
India	8112.92.7000, 8112.99.2000	0	0	5,300	NA	5,300	NA
Japan		0	0	12,000	NA	12,000	NA
Other [2 countries and (or)]		339	NA	3	NA	342	NA
Total		1,700	—	17,500	—	19,400	—