



Vanadium in April 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 September 8, 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

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Table 1. U.S. imports of vanadium products.
[Data are in kilograms, and thousand dollars.]

Material	HTS codes	2026								
		March			April			Year-to-date		
		Gross weight	Vanadium content	Value	Gross weight	Vanadium content	Value	Gross weight	Vanadium content	Value
Vanadium ores and concentrates ¹	2615.90.6090	0	0	0	3,000	1,800	8,490	3,000	1,800	8,490
Vanadium bearing ash and residues ^{1, 2}	2620.40.0030, 2620.99.1000	NA	NA	2,820,000	NA	NA	1,900,000	NA	NA	7,380,000
Total¹	—	—	—	2,820,000	—	—	1,910,000	—	—	7,390,000
Ferrovandium	7202.92.0000	389,000	292,000	8,920,000	579,000	435,000	12,300,000	1,500,000	1,110,000	33,000,000
Vanadium metal, including waste and scrap	8112.92.7000	1,920	1,630	71,500	9,070	9,070	393,000	15,800	14,800	992,000
Vanadium and articles thereof ²	8112.99.2000	646	646	169,000	20,200	15,700	405,000	22,400	17,700	825,000
Total	—	392,000	294,000	9,160,000	608,000	459,000	13,100,000	1,530,000	1,140,000	34,800,000
Chemical compounds										
Vanadium pentoxide (anhydride)	2825.30.0010	444,000	344,000	6,160,000	402,000	348,000	5,760,000	1,290,000	1,090,000	17,900,000
Vanadium oxides and hydroxides, other	2825.30.0050	228,000	138,000	2,990,000	0	0	0	249,000	152,000	3,280,000
Vanadium chlorides	2827.39.1000	353	352	10,000	5,000	4,760	122,000	14,100	13,400	406,000
Vanadium chloride oxide and chloride hydroxide	2827.49.1000	1,300	1,300	7,290	18,500	17,600	256,000	42,600	38,600	646,000
Vanadium sulfates	2833.29.3000	1,810	1,810	43,000	0	0	0	10,900	8,530	146,000
Vanadates	2841.90.1000	0	0	0	513	10	66,100	520	14	72,200
Hydrides and nitrides of vanadium	2850.00.2000	9,620	7,620	63,000	29,200	23,100	181,000	98,100	78,100	598,000
Total	—	685,000	493,000	9,280,000	455,000	393,000	6,390,000	1,700,000	1,380,000	23,100,000

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

Country or locality	HTS codes and Schedule B numbers	2026					
		March ¹		April		Year-to-date	
		Gross weight	Vanadium content	Gross weight	Vanadium content	Gross weight	Vanadium content
Imports for consumption							
Vanadium ores and concentrates ²							
Spain, total	2615.90.6090	0	0	3,000	1,800	3,000	1,800
Vanadium pentoxide (anhydride) ²							
Austria		0	0	1,510	863	1,510	863
Brazil		120,000	67,000	0	0	200,000	138,000
Korea Republic, of	2825.30.0010	0	0	40,000	31,100	40,000	31,100
South Africa		324,000	277,000	360,000	316,000	1,040,000	916,000
Other [2 countries and (or) localities]		0	0	34	34	34	34
Total		444,000	344,000	402,000	348,000	1,290,000	1,090,000
Other oxides and hydroxides of vanadium							
Brazil		228,000	138,000	0	0	228,000	138,000
South Africa	2825.30.0050	0	0	0	0	20,000	13,200
Other [1 country and (or) locality]		0	0	0	0	1,260	815
Total		228,000	138,000	0	0	249,000	152,000
Ferrovanadium							
Austria		74,700	59,900	147,000	115,000	222,000	175,000
Canada		202,000	162,000	189,000	142,000	731,000	578,000
Japan		60,000	31,800	112,000	75,300	343,000	206,000
Korea Republic, of	7202.92.0000	20,000	16,200	20,000	16,200	40,500	32,700
Latvia		32,900	22,500	75,100	56,200	123,000	88,800
Taiwan		0	0	30,000	25,100	30,000	25,100
Other [1 country and (or) locality]		0	0	6,000	4,760	6,000	4,760
Total		389,000	292,000	579,000	435,000	1,500,000	1,110,000
Exports							
Vanadium ores and concentrates							
Canada		1,830	NA	2,890	NA	4,720	NA
Latvia		0	0	0	0	3,380	NA
Vietnam	2615.90.6090	3,770	NA	0	0	3,770	NA
Other [1 country and (or) locality]		0	0	0	0	2,010	NA
Total		5,600	—	2,890	—	13,900	—
Vanadium pentoxide (anhydride) ³							
Belgium		13,500	NA	0	0	40,500	NA
Germany	2825.30.0010	0	0	5,590	NA	5,590	NA
India		0	0	14,300	NA	14,300	NA
Total		13,500	—	19,900	—	60,400	—
Other oxides and hydroxides of vanadium							
Canada		NA	4,570	NA	445	NA	18,200
Germany	2825.30.0050	0	0	0	0	NA	379
Total		—	4,570	—	445	—	18,600
Ferrovanadium							
Mexico		68	51	0	0	68	51
Other [2 countries and (or) localities]	7202.92.0000	0	0	0	0	5,200	3,900
Total		68	51	0	0	5,270	3,950

¹May include revisions to previously published data.

²Vanadium 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 April. Data are in kilograms, gross and contained weight.]

		2026					
Country or locality	HTS codes and Schedule B numbers	March ¹		April		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		746,000	NA	1,280,000	NA	5,570,000	NA
Japan		49,000	NA	26,900	NA	75,900	NA
Mexico	2619.00.9000	46,700	NA	33,000	NA	328,000	NA
Other [1 country and (or) 1		0	0	61	NA	61	NA
Total		842,000	—	1,340,000	—	5,980,000	—
Vanadium bearing ash and residues							
Total	2620.40.0030, 2620.99.1000	NA	NA	NA	NA	NA	NA
Vanadium sulfates							
China		0	0	0	0	6,400	3,990
United Kingdom	2833.29.3000	1,810	1,810	0	0	4,540	4,540
Total		1,810	1,810	0	0	10,900	8,530
Vanadates							
Hong Kong		0	0	1	1	1	1
India	2841.90.1000	0	0	512	9	512	9
Other [1 country and (or) 1		0	0	0	0	7	4
Total		0	0	513	10	520	14
Hydrides and nitrides of vanadium							
China		50	50	11,100	8,750	19,300	15,900
Ireland		9,530	7,530	18,000	14,200	78,600	62,100
Korea, Republic of	2850.00.2000	38	36	9	7	63	53
Other [2 countries and (or)		0	0	50	42	118	96
Total		9,620	7,620	29,200	23,100	98,100	78,100
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Canada		500	500	252	252	1,250	1,250
China		2	2	19,900	15,400	20,000	15,500
Germany	8112.92.7000, 8112.99.2000	120	120	9,070	9,070	11,500	11,100
Japan		1,800	1,510	0	0	5,260	4,420
Mexico		144	144	36	36	225	225
Total		2,570	2,280	29,300	24,800	38,300	32,500
Exports							
Vanadium bearing ash and residues							
Belgium		19,500	NA	9,710	NA	46,700	NA
Colombia		0	0	18,400	0	18,400	NA
Korea, Republic of		35,700	NA	96,300	NA	993,000	NA
Mexico	2620.50.0000, 2620.99.1000	0	0	20,000	NA	20,000	NA
Thailand		19,000	NA	0	0	19,000	NA
Other [1 country and (or) 1		0	0	0	0	18,800	NA
Total		74,100	—	144,000	—	1,120,000	—
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Canada		0	0	0	0	1,260	NA
Germany		200	NA	0	0	200	NA
India		5,300	NA	0	0	5,300	NA
Japan	8112.92.7000, 8112.99.2000	12,000	NA	0	0	12,000	NA
Poland		0	0	1,000	NA	1,000	NA
Other [2 countries and (or)		3	NA	79	NA	804	NA
Total		17,500	—	1,080	—	20,500	—

¹May include revisions to previously published data.