Vanadium in June 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 5, 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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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 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.]

Material	HTS codes	2026								
		May			June			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	36	22	3,400	4,000	2,400	14,000	7,040	4,220	25,900
Vanadium bearing ash and residues[1, 2]	2620.40.0030, 2620.99.1000	NA	NA	610,000	NA	NA	309,000	NA	NA	8,300,000
Total[1]	—	—	—	613,000	—	—	323,000	—	—	8,320,000
Ferrovanadium	7202.92.0000	349,000	260,000	8,670,000	416,000	322,000	9,830,000	2,260,000	1,690,000	51,500,000
Vanadium metal, including waste and scrap	8112.92.7000	17,700	12,300	719,000	1,950	1,640	53,400	35,500	28,700	1,760,000
Vanadium and articles thereof[3]	8112.99.2000	3,830	2,950	249,000	40,400	31,400	909,000	66,700	52,100	1,980,000
Total	—	371,000	276,000	9,640,000	458,000	355,000	10,800,000	2,360,000	1,770,000	55,200,000
Chemical compounds										
Vanadium pentoxide (anhydride)	2825.30.0010	358,000	209,000	5,120,000	300,000	264,000	4,300,000	1,940,000	1,560,000	27,400,000
Vanadium oxides and hydroxides, other	2825.30.0050	36,000	23,400	682,000	0	0	0	285,000	176,000	3,960,000
Vanadium chlorides	2827.39.1000	201	201	18,500	18,500	18,500	254,000	32,700	32,100	679,000
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	2,550	1,590	18,900	201	125	4,220	13,700	10,200	169,000
Vanadates	2841.90.1000	0	0	0	2	1	2,340	522	15	74,500
Hydrides and nitrides of vanadium	2850.00.2000	69,500	54,900	391,000	11,100	8,770	149,000	179,000	142,000	1,140,000
Total	—	466,000	290,000	6,230,000	330,000	292,000	4,710,000	2,500,000	1,960,000	34,000,000

[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 June. Data are in kilograms, gross and contained weight.

Country or locality	HTS codes and Schedule B numbers	2026					
		May[1]		June		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	36	22	1	1	37	23
Spain		0	0	4,000	2,400	7,000	4,200
Total		36	22	4,000	2,400	7,040	4,220
Vanadium pentoxide (anhydride)[3]							
Brazil	2825.30.0010	78,000	44,600	200,000	200,000	478,000	382,000
Korea Republic, of		0	0	20,000	19,800	60,000	50,900
South Africa		280,000	165,000	80,000	44,700	1,400,000	1,130,000
Other [3 countries and (or) localities]		0	0	0	0	1,540	897
Total		358,000	209,000	300,000	264,000	1,940,000	1,560,000
Other oxides and hydroxides of vanadium							
Brazil	2825.30.0050	36,000	23,400	0	0	264,000	162,000
Other [2 countries and (or) localities]		0	0	0	0	21,300	14,000
Total		36,000	23,400	0	0	285,000	176,000
Ferrovanadium							
Austria	7202.92.0000	96,300	76,100	35,600	28,400	354,000	280,000
Canada		117,000	94,000	152,000	122,000	1,000,000	794,000
Japan		60,000	31,600	0	0	403,000	238,000
Korea Republic, of		20,000	16,200	35,100	28,300	95,600	77,200
Latvia		0	0	40,000	22,000	163,000	111,000
Taiwan		20,000	14,800	90,000	71,100	140,000	111,000
Other [3 countries and (or) localities]		35,800	27,700	62,800	50,000	105,000	82,500
Total		349,000	260,000	416,000	322,000	2,260,000	1,690,000
Exports							
Vanadium ores and concentrates							
Latvia	2615906090	75,100	0	5,370	0	83,900	NA
Thailand		2,750	0	0	0	4,750	NA
Other [1 country and (or) locality]		0	0	284	0	8,770	NA
Total		77,900	—	5,650	—	97,400	—
Vanadium pentoxide (anhydride)[3]							
Belgium	2825.30.0010	0	0	13,500	0	54,000	NA
Germany		9,010	NA	0	0	14,600	NA
India		0	0	10,000	0	24,300	NA
Mexico		0	0	1,410	0	1,410	NA
Total		9,010	—	24,900	—	94,300	—
Other oxides and hydroxides of vanadium							
Canada	2825.30.0050	0	0	NA	6,920	NA	25,100
Germany		NA	346	0	0	NA	725
India		0	0	NA	6,000	NA	6,000
Total		—	346	—	12,900	—	31,800
Ferrovanadium							
Mexico	7202.92.0000	0	0	1,320	988	1,390	1,040
Other [2 countries and (or) localities]		0	0	0	0	5,200	3,900
Total		0	0	1,320	988	6,590	4,940

[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 June. Data are in kilograms, gross and contained weight.]

Country or locality	HTS codes and Schedule B numbers	2026					
		May[1]		June		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	3,990,000	NA	32,300,000	NA	41,800,000	NA
Japan		0	0	26,900	NA	103,000	NA
Korea, Republic of		20,400,000	NA	0	0	20,400,000	NA
Mexico		158	NA	31,300	NA	360,000	NA
Other [1 country and (or) locality]		0	0	0	0	61	NA
Total		24,400,000	—	32,300,000	—	62,700,000	—
Vanadium bearing ash and residues							
Total	2620.40.0030, 2620.99.1000	NA	NA	NA	NA	NA	NA
Vanadium sulfates							
China	2833.29.3000	2,550	1,590	201	125	9,150	5,710
United Kingdom		0	0	0	0	4,540	4,540
Total		2,550	1,590	201	125	13,700	10,200
Vanadates							
India	2841.90.1000	0	0	0	0	512	9
Japan		0	0	2	1	2	1
Other [2 countries and (or) localities]		0	0	0	0	8	5
Total		0	0	2	1	522	15
Hydrides and nitrides of vanadium							
China	2850.00.2000	40,800	32,200	17	17	60,100	48,100
Ireland		28,300	22,400	5,340	4,220	112,000	88,700
Korea, Republic of		0	0	13	12	76	65
Other [4 countries and (or) localities]		348	300	5,720	4,530	6,190	4,920
Total		69,500	54,900	11,100	8,770	179,000	142,000
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Canada	8112.92.7000, 8112.99.2000	834	834	550	547	2,640	2,630
China		54	54	39,800	30,800	59,900	46,400
Germany		15,300	9,950	0	0	26,900	21,100
Japan		1,870	1,870	1,950	1,640	9,080	7,930
Mexico		408	408	36	36	669	669
Other [2 countries and (or) localities]		3,080	2,120	0	0	3,080	2,120
Total		21,600	15,200	42,400	33,100	102,000	80,800
Exports							
Vanadium bearing ash and residues							
Belgium	2620.50.0000, 2620.99.1000	22,900	NA	18,100	NA	87,800	NA
Colombia		0	0	0	0	18,400	NA
Korea, Republic of		109,000	NA	435,000	NA	1,540,000	NA
Mexico		0	0	0	0	20,000	NA
Thailand		0	0	0	0	19,000	NA
Other [1 country and (or) locality]		0	0	0	0	18,800	NA
Total		132,000	—	453,000	—	1,700,000	—
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Canada	8112.92.7000, 8112.99.2000	0	0	23	NA	1,280	NA
Germany		2,410	NA	0	0	2,610	NA
Japan		11,100	NA	585	NA	23,600	NA
Netherlands		0	0	16,000	NA	16,000	NA
Poland		656	NA	0	0	1,660	NA
Other [5 countries and (or) localities]		0	0	106	NA	6,210	NA
Total		14,100	—	16,700	—	51,400	—

[1]May include revisions to previously published data.