Vanadium in July 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 15, 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								
		June			July			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	4,000	2,400	14,000	5,000	3,000	14,200	12,000	7,220	40,100
Vanadium bearing ash and residues[1, 2]	2620.40.0030, 2620.99.1000	NA	NA	309,000	NA	NA	2,000,000	NA	NA	10,300,000
Total[1]	—	—	—	323,000	—	—	2,010,000	—	—	10,300,000
Ferrovanadium	7202.92.0000	416,000	322,000	9,830,000	462,000	370,000	10,200,000	2,720,000	2,060,000	61,700,000
Vanadium metal, including waste and scrap	8112.92.7000	1,950	1,640	53,400	60	50	32,100	35,600	28,700	1,800,000
Vanadium and articles thereof[3]	8112.99.2000	40,400	31,400	909,000	484	484	39,800	67,200	52,600	2,020,000
Total	—	458,000	355,000	10,800,000	463,000	371,000	10,300,000	2,820,000	2,140,000	65,500,000
Chemical compounds										
Vanadium pentoxide (anhydride)	2825.30.0010	300,000	264,000	4,300,000	240,000	134,000	3,560,000	2,180,000	1,690,000	30,900,000
Vanadium oxides and hydroxides, other	2825.30.0050	0	0	0	0	0	0	285,000	176,000	3,960,000
Vanadium chlorides	2827.39.1000	18,500	18,500	254,000	8,410	8,010	268,000	41,100	40,100	947,000
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	201	125	4,220	0	0	0	13,700	10,200	169,000
Vanadates	2841.90.1000	2	1	2,340	0	0	0	522	15	74,500
Hydrides and nitrides of vanadium	2850.00.2000	11,100	8,770	149,000	39,700	30,900	629,000	218,000	173,000	1,770,000
Total	—	330,000	292,000	4,710,000	288,000	173,000	4,460,000	2,780,000	2,130,000	38,500,000

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

Country or locality	HTS codes and Schedule B numbers	2026					
		June[1]		July		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	1	1	0	0	37	23
Spain		4,000	2,400	5,000	3,000	12,000	7,200
Total		4,000	2,400	5,000	3,000	12,000	7,220
Vanadium pentoxide (anhydride)[3]							
Brazil	2825.30.0010	200,000	200,000	0	0	478,000	382,000
Korea Republic, of		20,000	19,800	0	0	60,000	50,900
South Africa		80,000	44,700	240,000	134,000	1,640,000	1,260,000
Other [3 countries and (or) localities]		0	0	0	0	1,540	897
Total		300,000	264,000	240,000	134,000	2,180,000	1,690,000
Other oxides and hydroxides of vanadium							
Brazil	2825.30.0050	0	0	0	0	264,000	162,000
Other [2 countries and (or) localities]		0	0	0	0	21,300	14,000
Total		0	0	0	0	285,000	176,000
Ferrovanadium							
Austria	7202.92.0000	35,600	28,400	12,900	10,300	367,000	290,000
Brazil		41,200	33,100	202,000	161,000	265,000	212,000
Canada		152,000	122,000	147,000	118,000	1,150,000	912,000
Japan		0	0	20,000	16,500	423,000	254,000
Korea Republic, of		35,100	28,300	20,000	16,100	116,000	93,400
Taiwan		90,000	71,100	60,000	47,800	200,000	159,000
Other [3 countries and (or) localities]		61,600	39,000	0	0	205,000	143,000
Total		416,000	322,000	462,000	370,000	2,720,000	2,060,000
Exports							
Vanadium ores and concentrates							
Latvia	2615906090	5,370	NA	0	0	83,900	NA
Thailand		0	0	0	0	4,750	NA
Other [1 country and (or) locality]		284	NA	0	0	8,770	NA
Total		5,650	—	0	0	97,400	—
Vanadium pentoxide (anhydride)[3]							
Belgium	2825.30.0010	13,500	NA	0	0	54,000	NA
Germany		0	0	5,590	NA	20,200	NA
India		10,000	NA	0	0	24,300	NA
Mexico		1,410	NA	42	NA	1,450	NA
Thailand		0	0	15	NA	15	NA
Total		24,900	—	5,650	—	100,000	—
Other oxides and hydroxides of vanadium							
Canada	2825.30.0050	NA	6,920	0	0	NA	25,100
Denmark		0	0	NA	10,300	NA	10,300
India		NA	6,000	0	0	NA	6,000
Other [1 country and (or) locality]		0	0	0	0	NA	725
Total		—	12,900	—	10,300	—	42,100
Ferrovanadium							
Mexico	7202.92.0000	1,320	NA	988	NA	1,390	1,040
Other [2 countries and (or) localities]		0	0	0	0	5,200	3,900
Total		1,320	NA	988	NA	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 July. Data are in kilograms, gross and contained weight.]

Country or locality	HTS codes and Schedule B numbers	2026					
		June[1]		July		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	32,300,000	NA	3,760,000	NA	45,600,000	NA
Japan		26,900	NA	0	0	103,000	NA
Korea, Republic of		0	0	0	0	20,400,000	NA
Mexico		31,300	NA	55,400	NA	415,000	NA
Other [1 country and (or) locality]		0	0	0	0	61	NA
Total		32,300,000	—	3,820,000	—	66,500,000	—
Vanadium bearing ash and residues							
Total	2620.40.0030, 2620.99.1000	NA	NA	NA	NA	NA	NA
Vanadium sulfates							
China	2833.29.3000	201	125	0	0	9,150	5,710
United Kingdom		0	0	0	0	4,540	4,540
Total		201	125	0	0	13,700	10,200
Vanadates							
India	2841.90.1000	0	0	0	0	512	9
Japan		2	1	0	0	2	1
Other [2 countries and (or) localities]		0	0	0	0	8	5
Total		2	1	0	0	522	15
Hydrides and nitrides of vanadium							
Canada	2850.00.2000	0	0	7,650	6,040	7,650	6,040
China		17	17	28,700	22,300	88,800	70,400
Ireland		5,340	4,220	3,270	2,590	116,000	91,300
Other [6 countries and (or) localities]		5,730	4,540	66	57	6,330	5,040
Total		11,100	8,770	39,700	30,900	218,000	173,000
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
Belgium	8112.92.7000, 8112.99.2000	0	0	60	50	3,140	2,170
Canada		550	547	0	0	2,630	2,630
China		39,800	30,800	0	0	59,900	46,400
Japan		1,950	1,640	10	10	9,090	7,940
Mexico		36	36	474	474	1,140	1,140
Other [2 countries and (or) localities]		0	0	0	0	26,900	21,100
Total		42,400	33,100	544	534	103,000	81,300
Exports							
Vanadium bearing ash and residues							
Belgium	2620.50.0000, 2620.99.1000	18,100	NA	9,820	NA	97,600	NA
Guyana		0	0	5,000	NA	5,000	NA
Korea, Republic of		435,000	NA	211,000	NA	1,750,000	NA
Singapore		0	0	73,900	NA	73,900	NA
Other [4 countries and (or) localities]		0	0	0	0	76,200	NA
Total		453,000	—	300,000	—	2,000,000	—
Vanadium metal, including waste and scrap and aluminum-vanadium master alloy							
India	8112.92.7000, 8112.99.2000	0	0	21,300	NA	26,600	NA
Japan		585	NA	18,400	NA	42,000	NA
Netherlands		16,000	NA	0	0	16,000	NA
Other [8 countries and (or) localities]		129	NA	0	0	6,450	NA
Total		16,700	—	39,700	—	91,100	—

[1]May include revisions to previously published data.