

Mineral Industry Surveys

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MAGNESIUM METAL IN THE FIRST QUARTER 2025

Total magnesium imports for consumption in the first quarter of 2025 were 20,600 metric tons (t), 27% more than those in the fourth quarter of 2024, 8% more than those in the first quarter of 2024, and 15% less than those in the first quarter of 2023 (table 1).

Compared with imports in the fourth quarter of 2024, imports of magnesium metal and semifabricated products decreased by 4% and 7%, respectively, scrap and alloy increased by 77% and 13%, respectively, in the first quarter of 2025. In the first quarter of 2025, magnesium metal accounted for 23% of the total imports, with Israel (53%), Turkey (34%), and Brazil (6%) as the leading sources. Scrap accounted for 46% of the magnesium imports in the first quarter of 2025, with Czechia (24%), Canada (23%), and China (18%) as the leading sources. Alloys accounted for 26% of total imports, with the Republic of Korea (61%), Czechia (11%), and India (6%) as the leading sources (fig. 1, table 1).

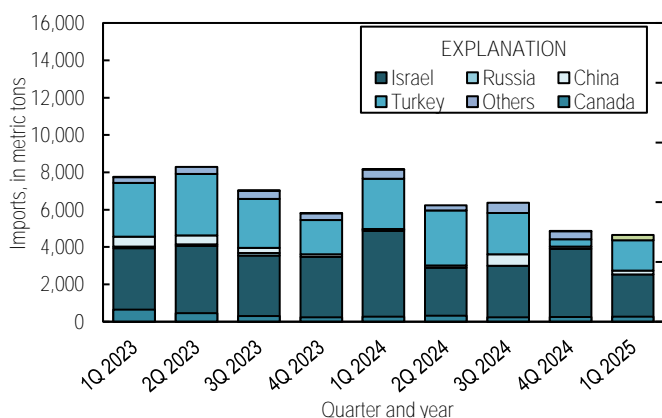


Figure 1. Quarterly imports of magnesium metal from the first quarter of 2023 through the first quarter of 2025. Source: U.S. Census Bureau, adjusted by USGS.

Magnesium metal exports in the first quarter of 2025 were 13 t, compared with 26 t in the fourth quarter of 2024, 73 t in the first quarter of 2024, and 19 t in the first quarter of 2023 (table 1). Mexico (48%), the Republic of Korea (36%), and Singapore (11%) were the leading destinations for magnesium metal

exports in the first quarter of 2025. Semifabricated products accounted for 72% of total magnesium exports, with Israel (68%), Mexico (10%), and the United Kingdom (9%) the leading destinations. Alloy accounted for 21% of total magnesium exports, with Canada receiving more than 99%. Magnesium scrap and magnesium metal accounted for 6% and 1% respectively, of total magnesium exports in the first quarter of 2025. The destinations of scrap were Mexico (58%), the Netherlands (27%), and Canada (15%).

The average U.S. spot dealer import price for magnesium was unchanged in the first quarter of 2025. At the beginning of the first quarter, the U.S. spot dealer import price range was \$3.00 to \$3.50 per pound and remained in that range throughout the quarter. In Europe, the average price was 7% less at the end of the quarter compared with that of the beginning of the quarter. At the beginning of the quarter, the European free market price range was \$2,505 to \$2,560 per metric ton. By the end of the first quarter, the price range was \$2,300 to \$2,410 per metric ton (table 2).

Update

On January 21, the U.S. International Trade Commission amended the final results of the administrative review on the antidumping order on pure magnesium from China published on December 13, 2024. The Department of Commerce received a timely filed allegation from Tianjin Magnesium Metal Co., Ltd. (MMC) and comments from the petitioner U.S. Magnesium LLC regarding ministerial errors in the final results. After reviewing the record, Commerce agreed that there were errors and amended the final results to reflect the correction. Following corrections, MMC's final weighted-average dumping margin was changed from 32.60% to 25.26% for the period of May 1, 2022, to April 30, 2023 (U.S. Department of Commerce, International Trade Administration, 2025).

Reference Cited

U.S. Department of Commerce, International Trade Administration, 2025, Pure magnesium from the People's Republic of China—Amended final results of antidumping duty administrative review; 2022–2023: Federal Register, v. 90, no. 12, January 21, p. 7078–7080. (Accessed May 28, 2025, at <https://www.govinfo.gov/content/pkg/FR-2025-01-21/pdf/2025-01304.pdf>.)

A worksheet has been added to the Excel table files that includes a button to remove text and numerical footnotes from data cells. This will allow users to only have numbers in data cells. Please see the worksheet titled RemoveTextButton for instructions on how to use the tool. Note: you must download the Excel file in order to use the tool.

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Table 1. U.S. imports for consumption and exports of magnesium.

[Data are rounded to no more than three significant digits; may not add to totals shown. Data are in metric tons.]

Product	2024	2025			
		January	February	March	January-March
Imports for consumption					
Metal	26,300	2,570	619	1,630	4,820
Waste and Scrap	23,100	2,690	2,770	3,940	9,400
Alloys (magnesium content)	17,400	2,360	1,160	1,770	5,280
Sheet, tubing, ribbons, wire, powder, and other (magnesium content)	4,220	445	234	418	1,100
Total	71,000	8,060	4,780	7,760	20,600
Exports					
Metal	230	2	7	4	13
Waste and Scrap	683	18	31	2	50
Alloys (gross weight)	568	20	146	19	186
Sheet, tubing, ribbons, wire, powder, and other (gross weight)	1,820	61	522	51	634
Total	3,310	102	706	76	883

Table 2. Magnesium prices in the first quarter of 2025.

Product	Beginning of Quarter	End of Quarter
U.S. spot dealer import (dollars per pound)	3.00–3.50	3.00–3.50
European free market (dollars per metric ton)	2,505–2,560	2,300–2,410

Source: S&P Global Platts Metals Week.